

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072720\
 Data File : VN062602.D
 Acq On : 27 Jul 2020 16:48
 Operator : JC/MD
 Sample : VN0727WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/28/2020 1:46:12 PM

Quant Time: Jul 28 06:50:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	154102	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	248269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	230320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110926	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	124061	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	7.55	113	82188	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
50) Toluene-d8	10.06	98	310615	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
62) 4-Bromofluorobenzene	12.37	95	117954	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	39317	21.389	ug/l 100
3) Chloromethane	2.04	50	40664	16.311	ug/l 95
4) Vinyl Chloride	2.16	62	37280	17.249	ug/l 98
5) Bromomethane	2.54	94	23690	24.748	ug/l 97
6) Chloroethane	2.67	64	22203	22.711	ug/l 99
7) Trichlorofluoromethane	2.98	101	62335	24.565	ug/l 100
8) Diethyl Ether	3.37	74	21920	18.472	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	33471	20.573	ug/l 99
10) Methyl Iodide	3.91	142	35761	17.193	ug/l 96
11) Tert butyl alcohol	4.73	59	34418	90.378	ug/l 100
12) 1,1-Dichloroethene	3.70	96	31991	19.388	ug/l 99
13) Acrolein	3.57	56	24041	66.927	ug/l 98
14) Allyl chloride	4.27	41	61328	17.183	ug/l 93
15) Acrylonitrile	4.93	53	96476	94.582	ug/l 98
16) Acetone	3.77	43	86881	96.444	ug/l 94
17) Carbon Disulfide	4.01	76	95867	17.683	ug/l 98
18) Methyl Acetate	4.28	43	41591	18.237	ug/l 96
19) Methyl tert-butyl Ether	4.99	73	122103	20.105	ug/l 98
20) Methylene Chloride	4.50	84	39425	18.247	ug/l 95
21) trans-1,2-Dichloroethene	4.99	96	34289	18.723	ug/l 98
22) Diisopropyl ether	5.90	45	127395	17.957	ug/l 96
23) Vinyl Acetate	5.84	43	537750	92.505	ug/l 98
24) 1,1-Dichloroethane	5.80	63	71329	18.670	ug/l 99
25) 2-Butanone	6.78	43	126862	92.468	ug/l 100
26) 2,2-Dichloropropane	6.77	77	64775	20.654	ug/l 97
27) cis-1,2-Dichloroethene	6.78	96	39487	18.896	ug/l 99
28) Bromochloromethane	7.15	49	32752	17.420	ug/l 93
29) Tetrahydrofuran	7.17	42	81493	87.783	ug/l 93
30) Chloroform	7.33	83	73207	20.154	ug/l 94
31) Cyclohexane	7.61	56	62739	17.786	ug/l # 91
32) 1,1,1-Trichloroethane	7.53	97	64715	21.339	ug/l 98
36) 1,1-Dichloropropene	7.75	75	54016	20.412	ug/l 99
37) Ethyl Acetate	6.88	43	53715	18.830	ug/l 99
38) Carbon Tetrachloride	7.73	117	58324	22.929	ug/l 95

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 Misc : 5.00mL/MSVOA N/WATER
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Manual Integrations
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 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	57853	20.309	ug/l	99
40) Benzene	8.00	78	152267	19.006	ug/l	100
41) Methacrylonitrile	7.12	41	21188m	17.331	ug/l	
42) 1,2-Dichloroethane	8.09	62	64675	22.081	ug/l	98
43) Isopropyl Acetate	8.12	43	88345	19.212	ug/l	98
44) Trichloroethene	8.80	130	36970	20.463	ug/l	99
45) 1,2-Dichloropropane	9.09	63	42578	18.929	ug/l	100
46) Dibromomethane	9.17	93	26707	20.542	ug/l	98
47) Bromodichloromethane	9.37	83	58547	20.786	ug/l	99
48) Methyl methacrylate	9.17	41	41635	19.046	ug/l	94
49) 1,4-Dioxane	9.17	88	11171	332.726	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	266076	96.703	ug/l	98
52) Toluene	10.12	92	94208	20.251	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	65970	21.040	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	68563	20.378	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	37887	20.996	ug/l	93
56) Ethyl methacrylate	10.40	69	58874	19.296	ug/l	96
57) 1,3-Dichloropropane	10.68	76	64994	19.660	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	79719	92.877	ug/l	97
59) 2-Hexanone	10.72	43	193006	92.588	ug/l	100
60) Dibromochloromethane	10.87	129	42732	21.227	ug/l	98
61) 1,2-Dibromoethane	10.98	107	38055	20.253	ug/l	96
64) Tetrachloroethene	10.60	164	31996	21.381	ug/l	97
65) Chlorobenzene	11.40	112	98680	20.437	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	39789	21.905	ug/l	96
67) Ethyl Benzene	11.48	91	182671	20.633	ug/l	100
68) m/p-Xylenes	11.59	106	134245	42.188	ug/l	98
69) o-Xylene	11.92	106	63199	20.915	ug/l	99
70) Styrene	11.94	104	107140	20.990	ug/l	97
71) Bromoform	12.10	173	30322	22.232	ug/l #	99
73) Isopropylbenzene	12.22	105	174288	19.871	ug/l	100
74) N-amyl acetate	12.04	43	72681	18.555	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	53951	17.701	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	54509m	19.306	ug/l	
77) Bromobenzene	12.50	156	40753	19.334	ug/l	97
78) n-propylbenzene	12.56	91	204775	19.931	ug/l	100
79) 2-Chlorotoluene	12.65	91	123130	19.447	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	151586	20.835	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	19324	19.052	ug/l	92
82) 4-Chlorotoluene	12.75	91	128779	19.540	ug/l	100
83) tert-Butylbenzene	12.97	119	120510	19.948	ug/l	94
84) 1,2,4-Trimethylbenzene	13.01	105	148752	20.841	ug/l	98
85) sec-Butylbenzene	13.15	105	168936	20.887	ug/l	100
86) p-Isopropyltoluene	13.26	119	152973	21.990	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	73055	19.750	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	72006	19.775	ug/l	96
89) n-Butylbenzene	13.59	91	124922	20.900	ug/l	99
90) Hexachloroethane	13.85	117	28754	19.417	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	71419	20.193	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12135	21.929	ug/l	96

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Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN0727WBSD01

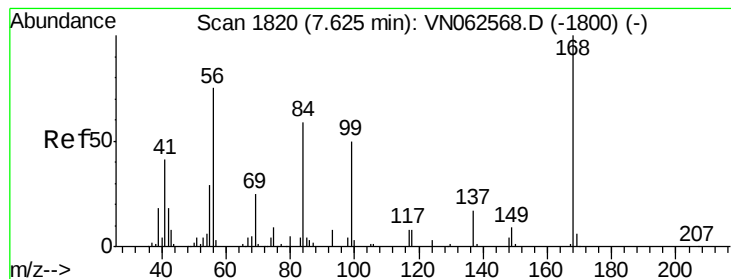
Manual Integrations
APPROVED

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	36563	21.544	ug/l	99
94) Hexachlorobutadiene	14.98	225	22938	23.745	ug/l	97
95) Naphthalene	15.10	128	95064	21.583	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	37364	22.417	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

Tot Ion:168 Resp: 154102

Ion Ratio Lower Upper

168 100

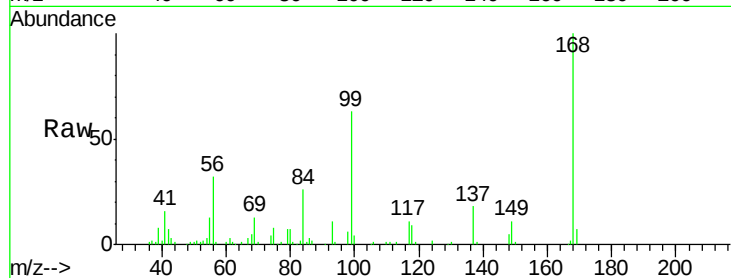
99 63.0 48.4 72.6

Manual Integrations

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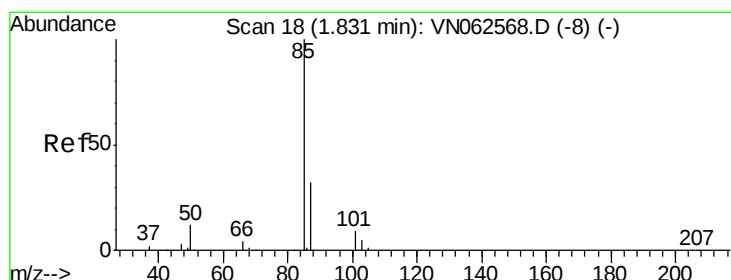
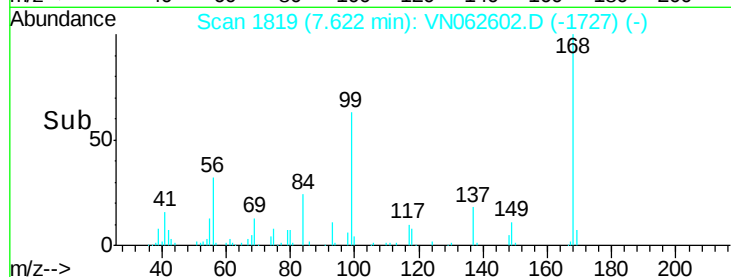
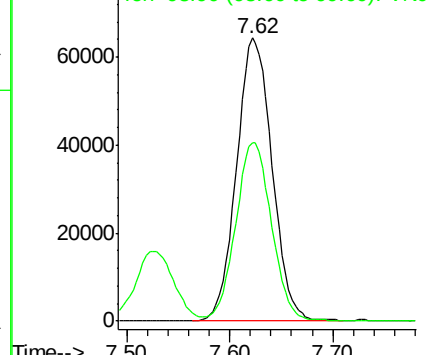
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#2

Dichlorodifluoromethane

Concen: 21.389 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062602.D

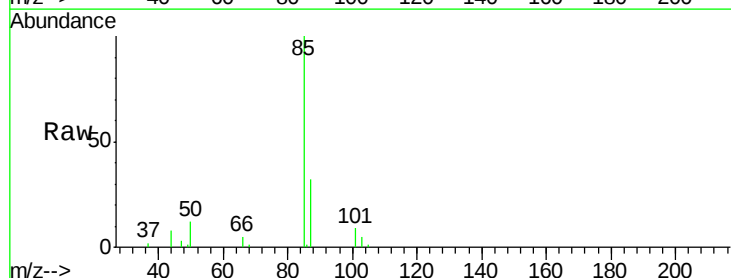
Acq: 27 Jul 2020 16:48

Tgt Ion: 85 Resp: 39317

Ion Ratio Lower Upper

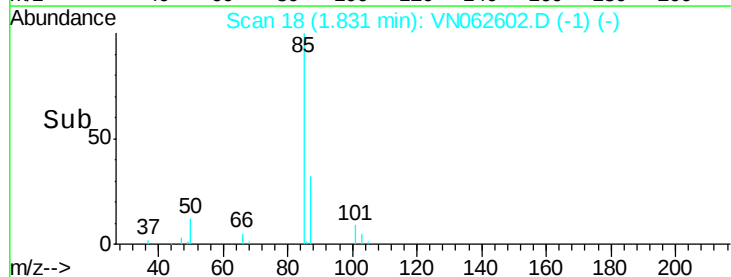
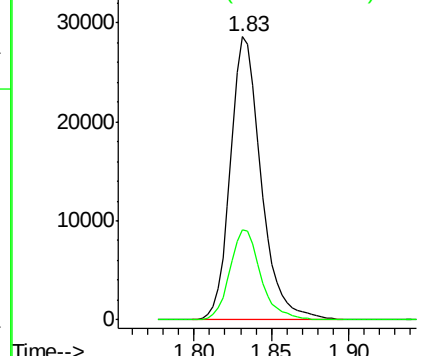
85 100

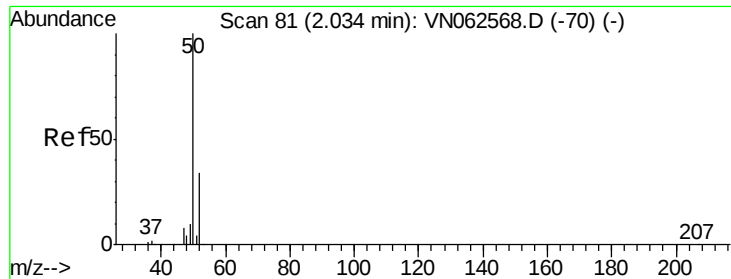
87 31.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VN0

Ion 86.90 (86.60 to 87.60): VN0





#3

Chloromethane

Concen: 16.311 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

Tot Ion: 50 Resp: 40664

Ion Ratio Lower Upper

50 100

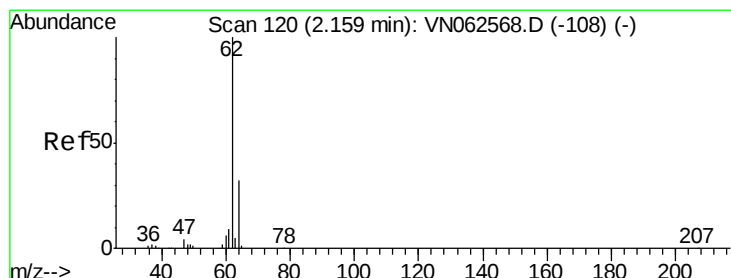
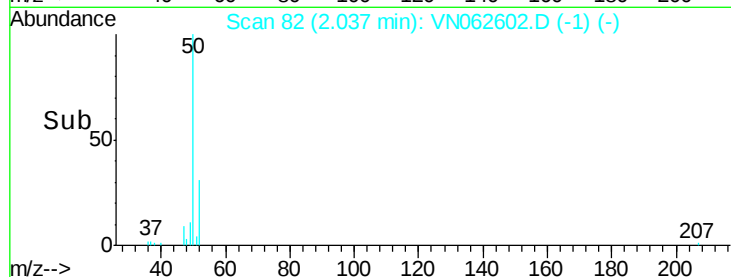
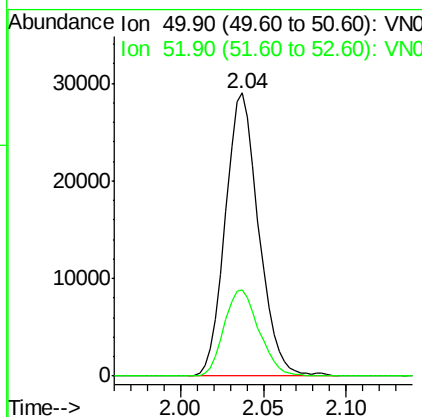
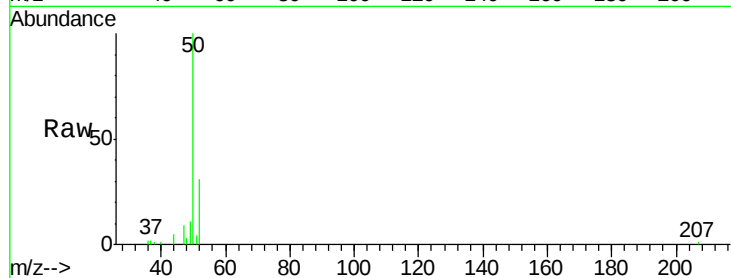
52 30.6 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.249 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062602.D

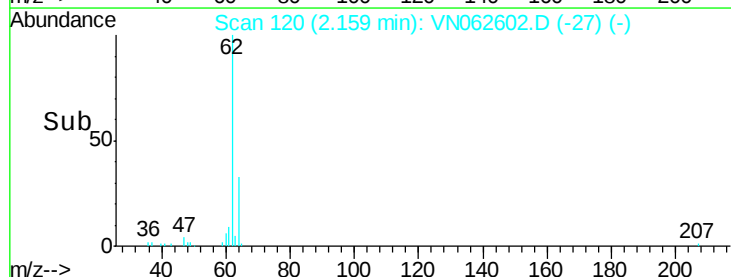
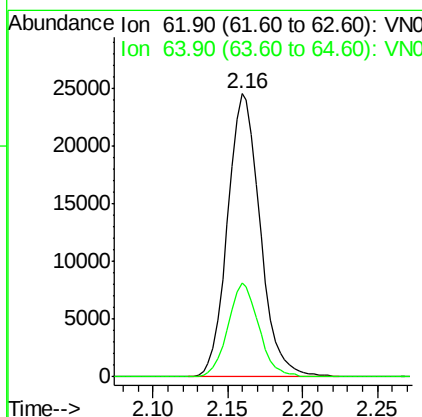
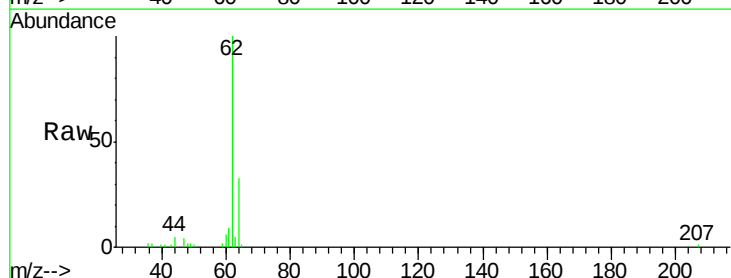
Acq: 27 Jul 2020 16:48

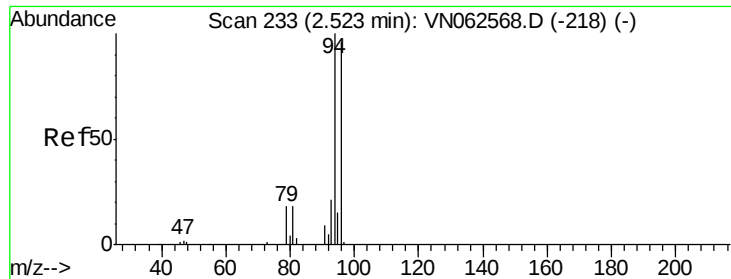
Tgt Ion: 62 Resp: 37280

Ion Ratio Lower Upper

62 100

64 33.3 25.8 38.8





#5

Bromomethane

Concen: 24.748 ug/l

RT: 2.54 min Scan# 238

Delta R.T. 0.02 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

Tot Ion: 94 Resp: 23690

Ion Ratio Lower Upper

94 100

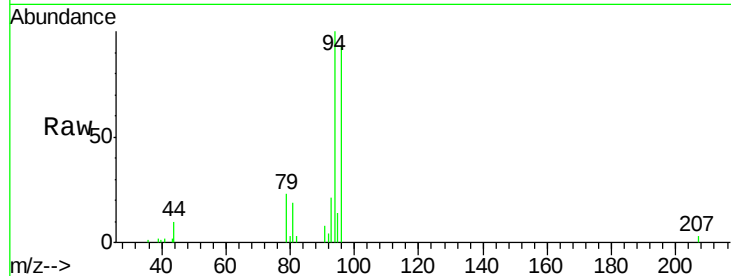
96 92.7 76.6 114.8

Manual Integrations

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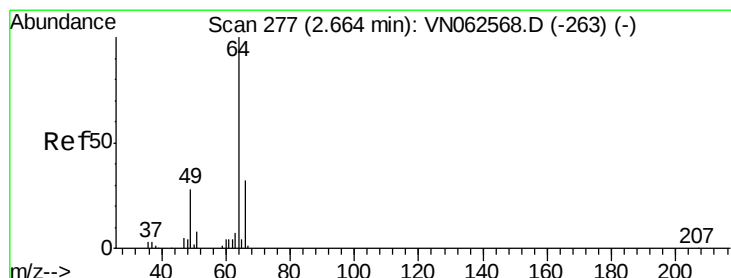
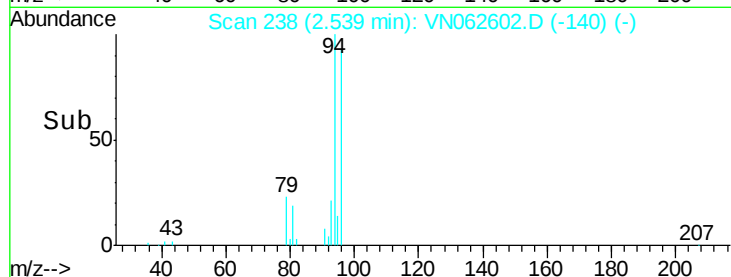
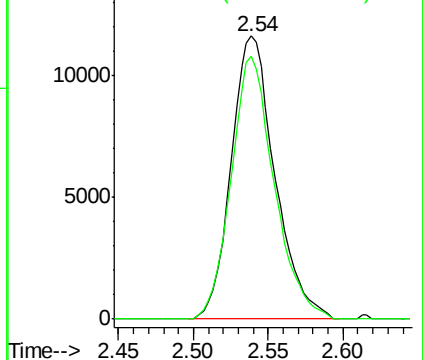
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 22.711 ug/l

RT: 2.67 min Scan# 280

Delta R.T. 0.01 min

Lab File: VN062602.D

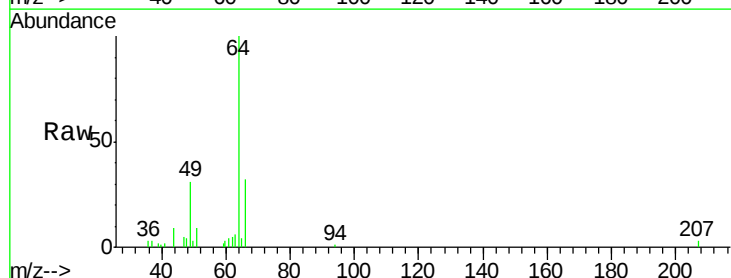
Acq: 27 Jul 2020 16:48

Tgt Ion: 64 Resp: 22203

Ion Ratio Lower Upper

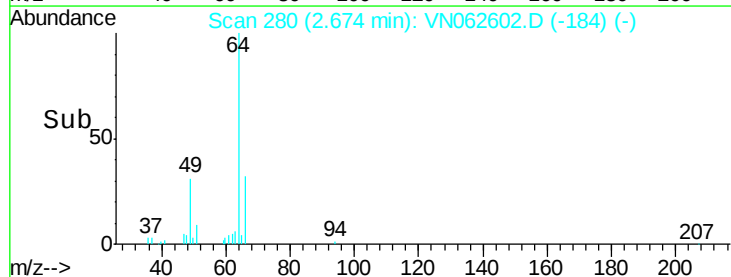
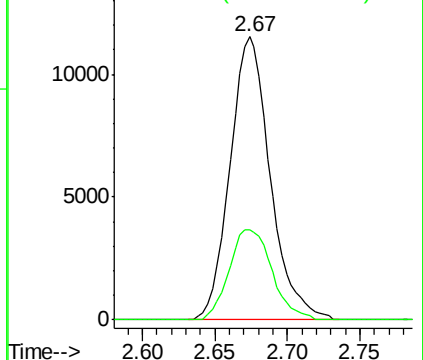
64 100

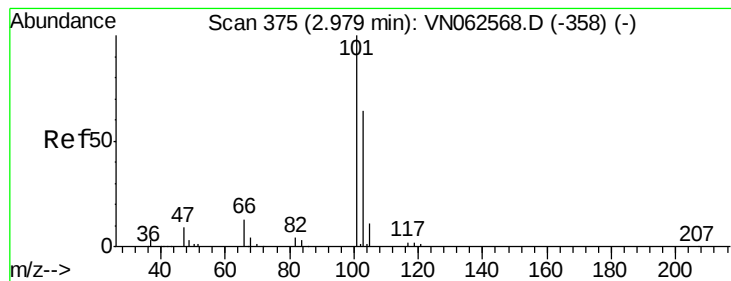
66 31.7 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





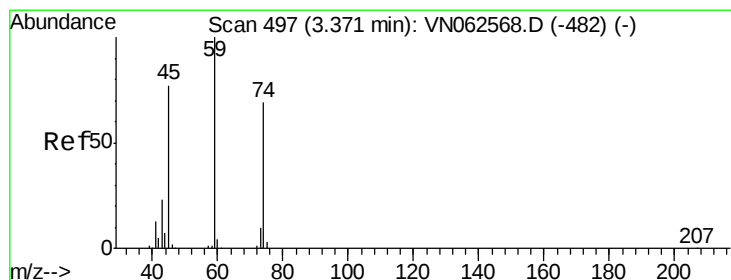
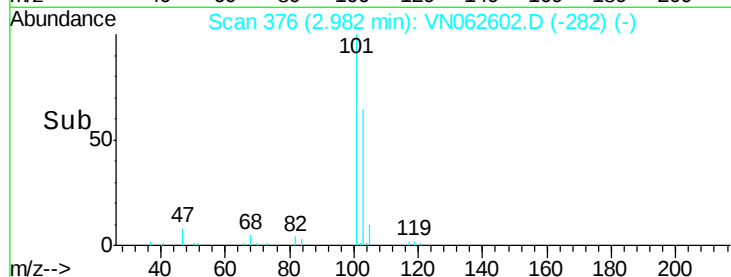
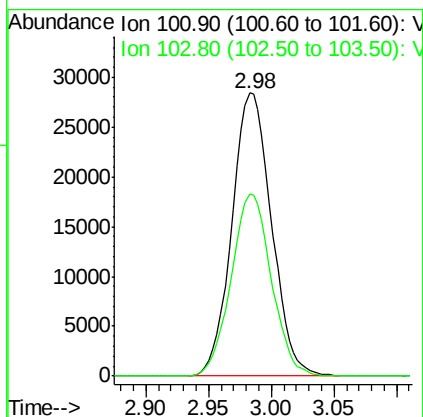
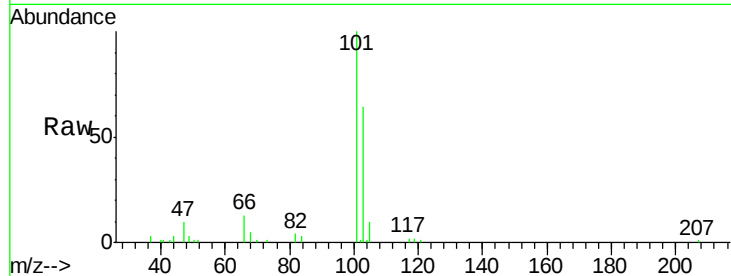
#7
 Trichlorofluoromethane
 Concen: 24.565 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
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 ClientSampleId :
 VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	51.5	77.3

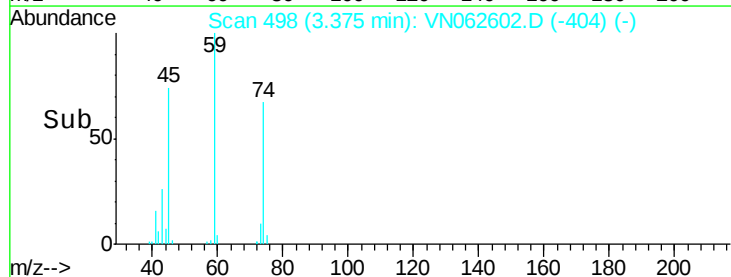
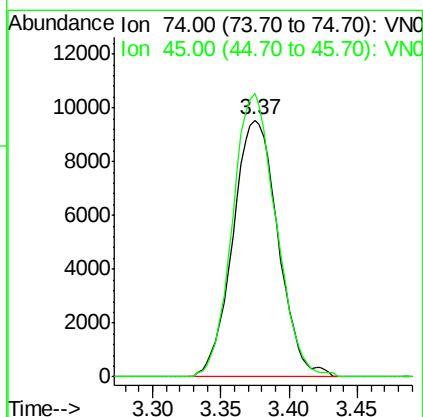
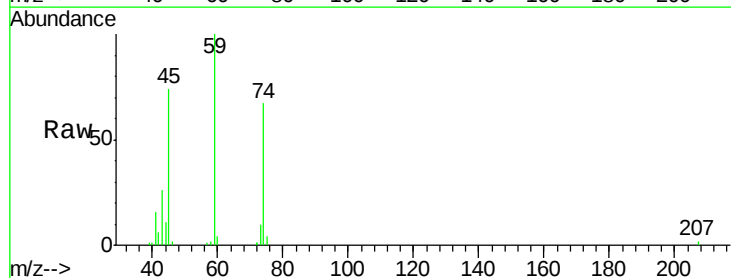
Manual Integrations
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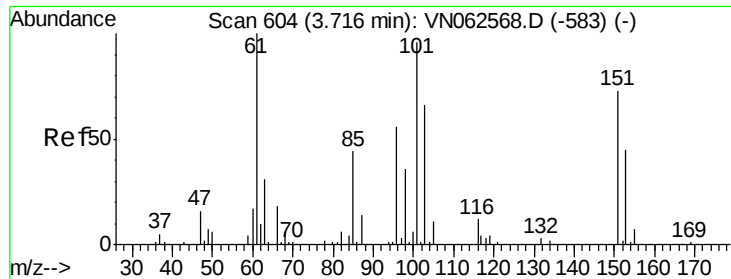
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 7/28/2020 1:46:12 PM



#8
 Diethyl Ether
 Concen: 18.472 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.4	55.3	165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.573 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

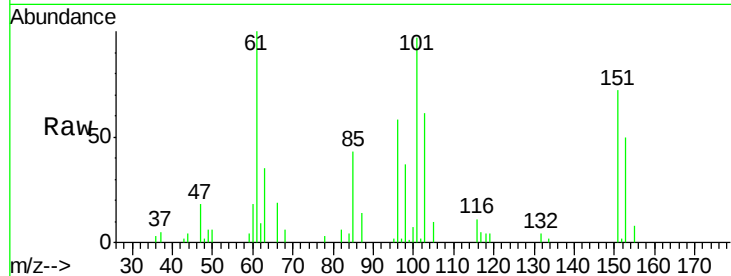
ClientSampled :

VN0727WBSD01

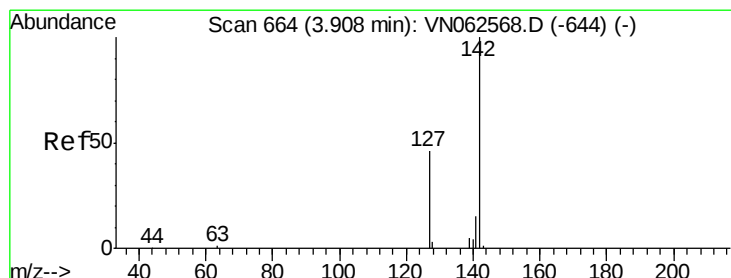
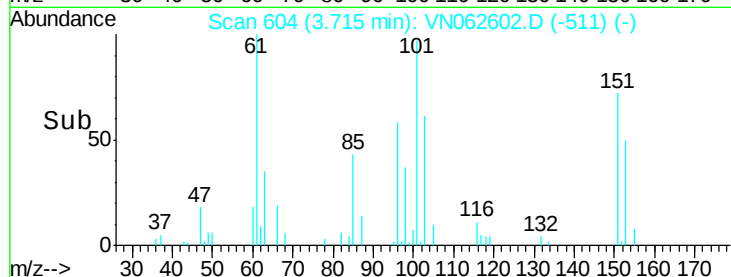
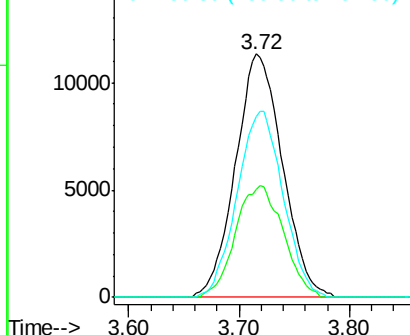
Tot Ion:	101	Resp:	33471
Ion Ratio	Lower	Upper	
101	100		
85	46.8	36.0	54.0
151	74.9	60.0	90.0

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Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): V
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.193 ug/l

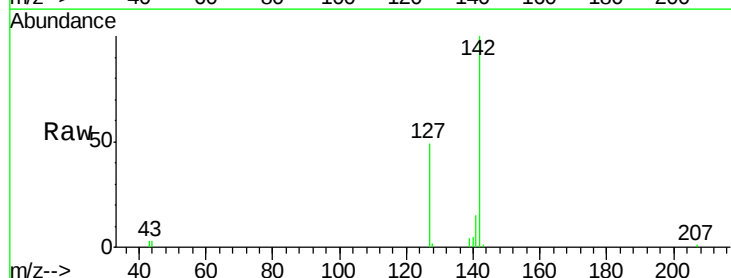
RT: 3.91 min Scan# 664

Delta R.T. -0.00 min

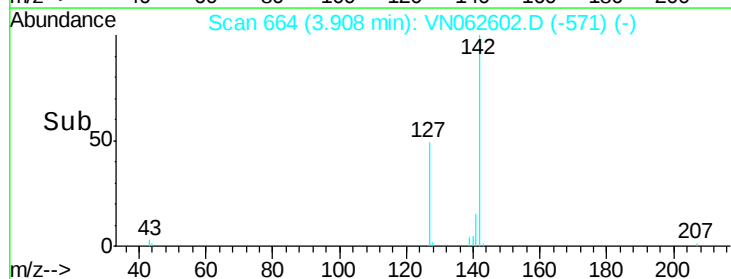
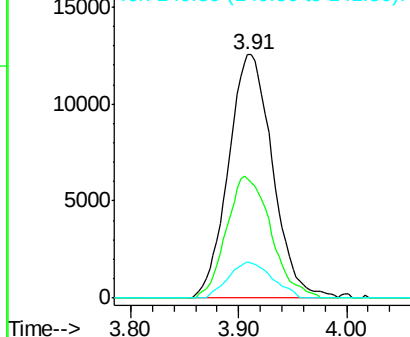
Lab File: VN062602.D

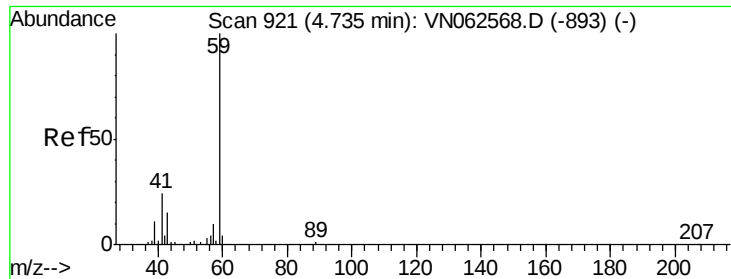
Acq: 27 Jul 2020 16:48

Tgt Ion:	142	Resp:	35761
Ion Ratio	Lower	Upper	
142	100		
127	50.2	37.4	56.0
141	14.6	11.9	17.9



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V





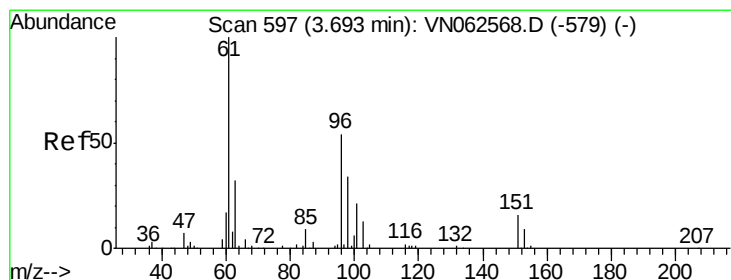
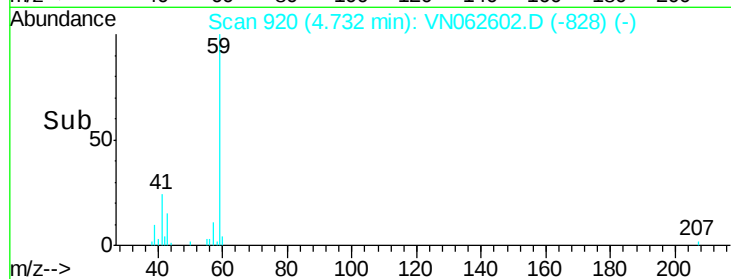
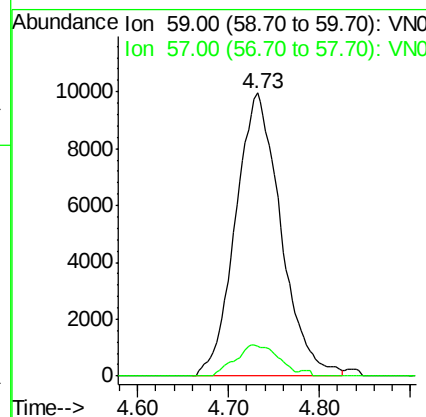
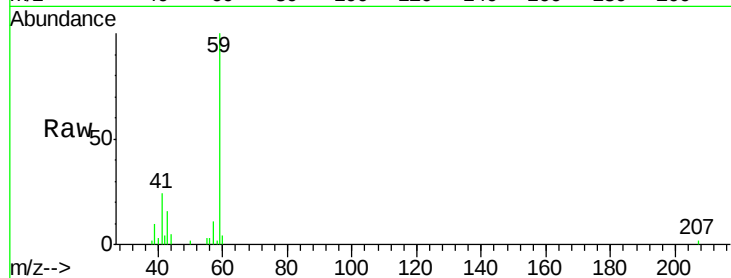
#11
Tert butyl alcohol
Concen: 90.378 ug/l
RT: 4.73 min Scan# 920
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion	59	Resp	34418
Ion Ratio	100	Lower	Upper
57	10.4	8.2	12.2

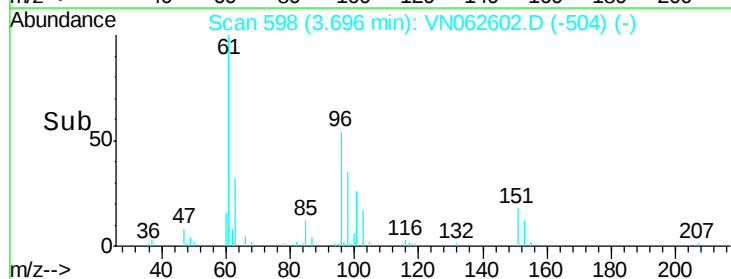
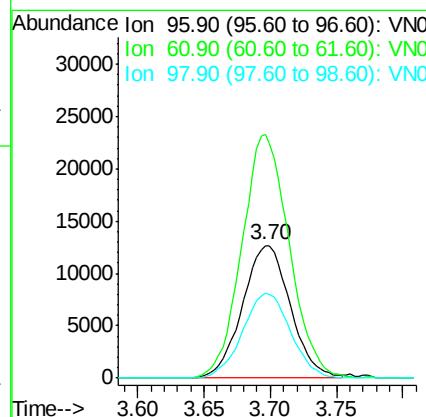
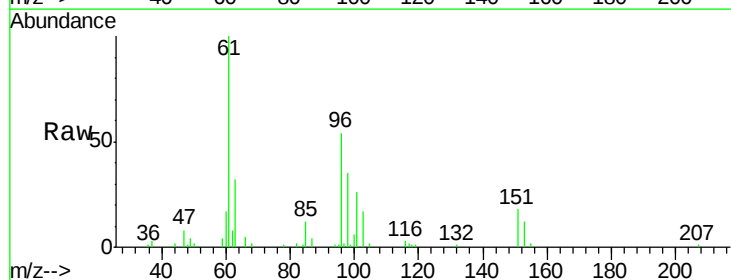
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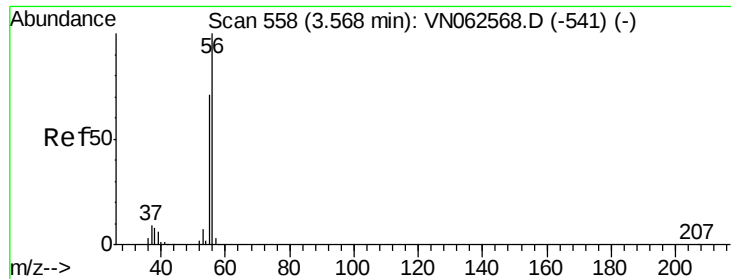
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#12
1,1-Dichloroethene
Concen: 19.388 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion	96	Resp	31991
Ion Ratio	100	Lower	Upper
61	183.7	148.6	222.8
98	64.0	50.6	75.8





#13

Acrolein

Concen: 66.927 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

Tot Ion: 56 Resp: 24041

Ion Ratio Lower Upper

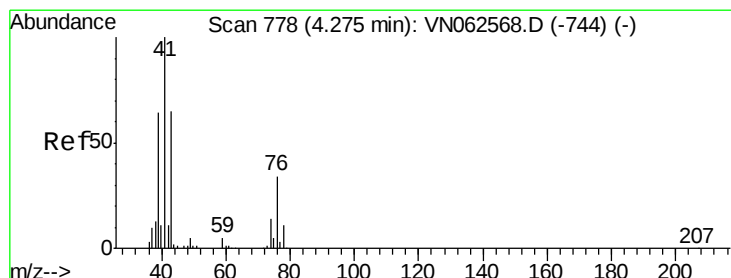
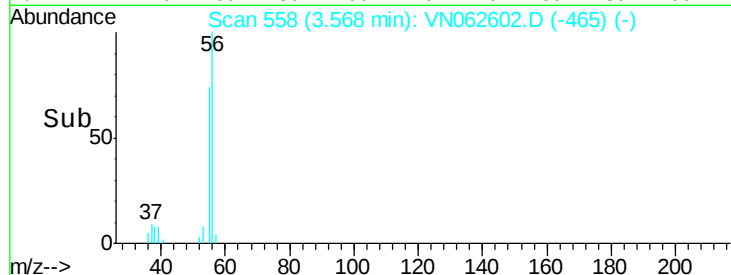
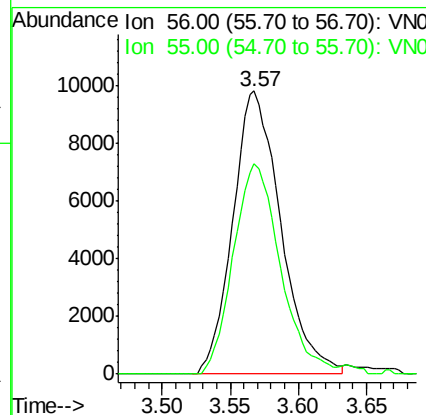
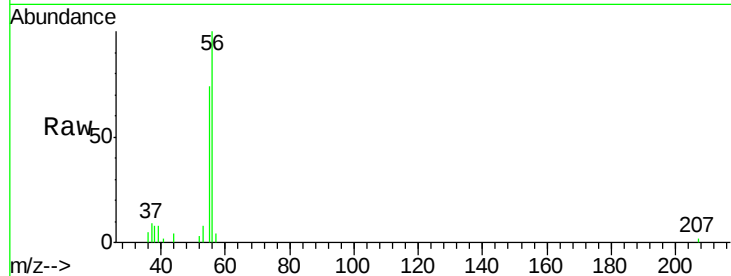
56 100

55 72.7 57.0 85.4

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#14

Allyl chloride

Concen: 17.183 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

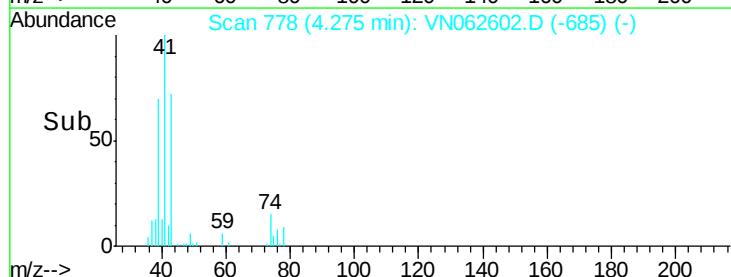
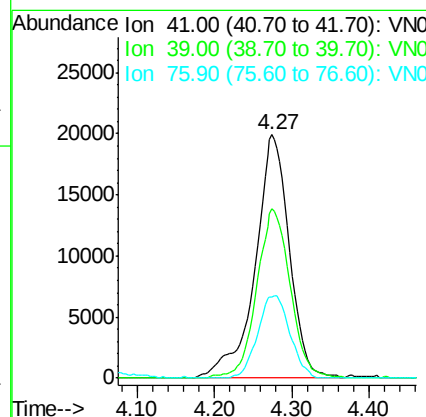
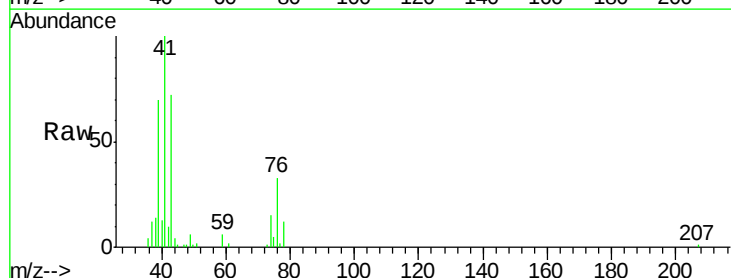
Tgt Ion: 41 Resp: 61328

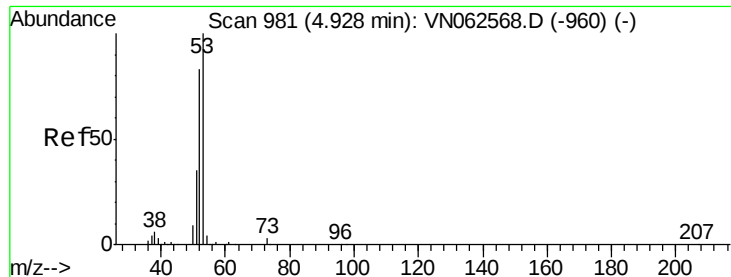
Ion Ratio Lower Upper

41 100

39 68.2 49.0 73.4

76 32.0 24.0 36.0





#15

Acrylonitrile

Concen: 94.582 ug/l

RT: 4.93 min Scan# 981

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

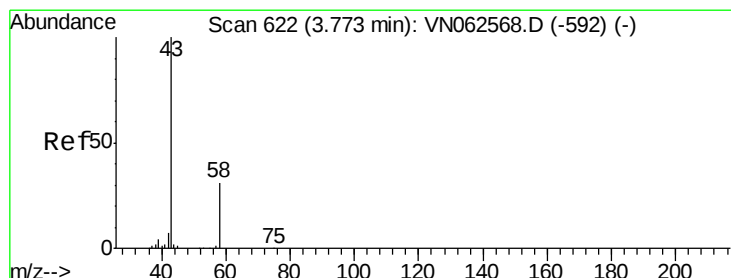
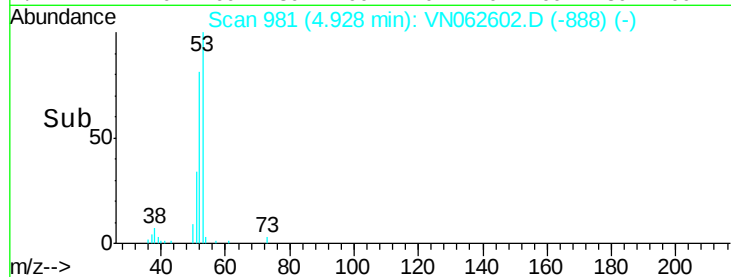
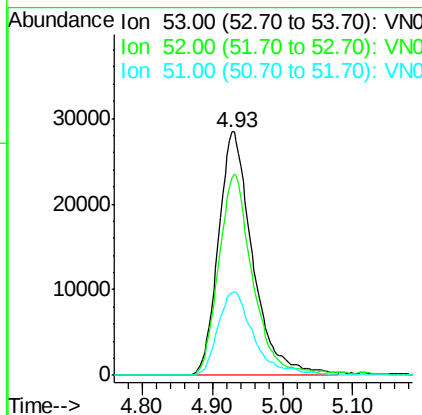
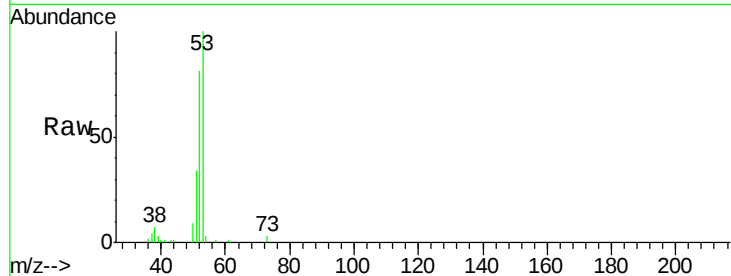
ClientSampleId :

VN0727WBSD01

Tot Ion:	53	Resp:	96476
Ion Ratio	Lower	Upper	
53	100		
52	81.0	66.3	99.5
51	34.6	28.6	43.0

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#16

Acetone

Concen: 96.444 ug/l

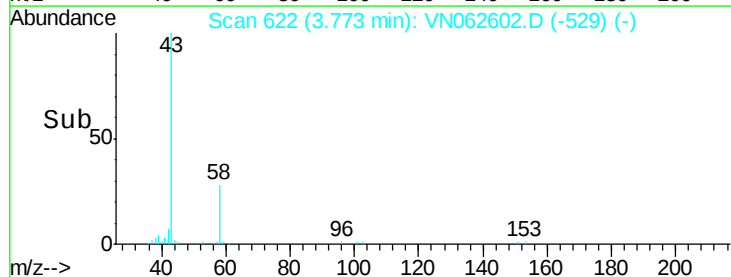
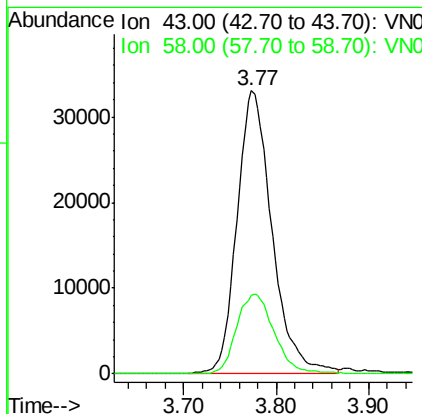
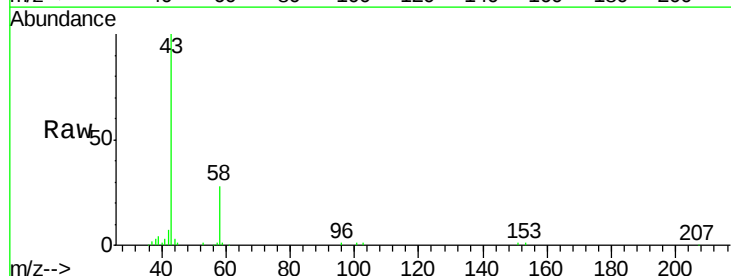
RT: 3.77 min Scan# 622

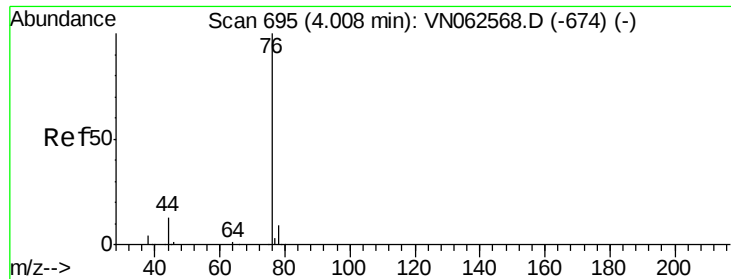
Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Tgt Ion:	43	Resp:	86881
Ion Ratio	Lower	Upper	
43	100		
58	27.7	24.6	37.0





#17

Carbon Disulfide

Concen: 17.683 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

Tot Ion: 76 Resp: 95867

Ion Ratio Lower Upper

76 100

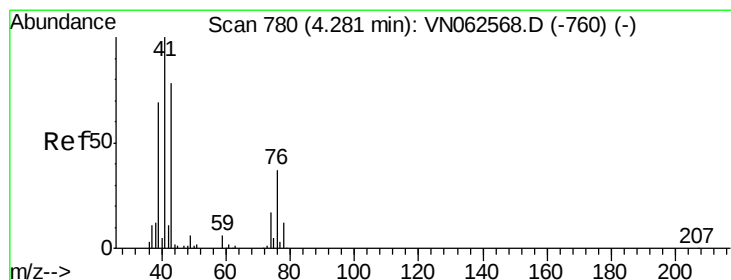
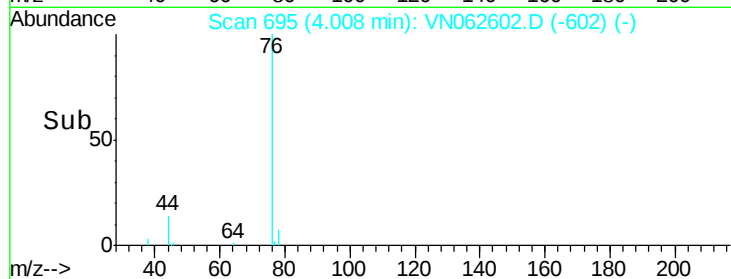
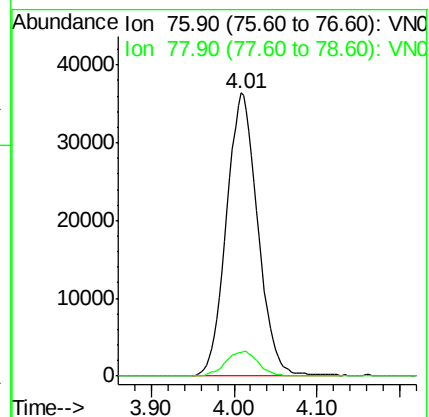
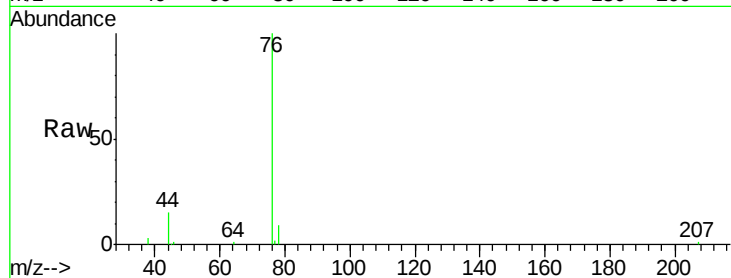
78 8.5 7.3 10.9

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#18

Methyl Acetate

Concen: 18.237 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062602.D

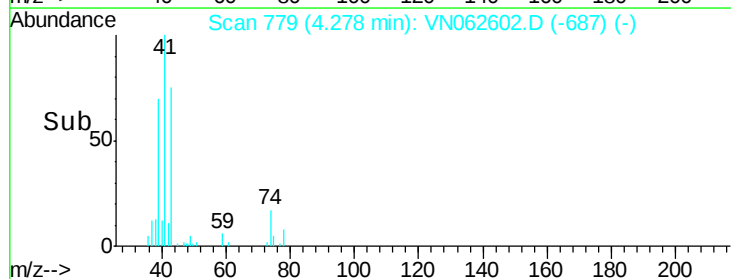
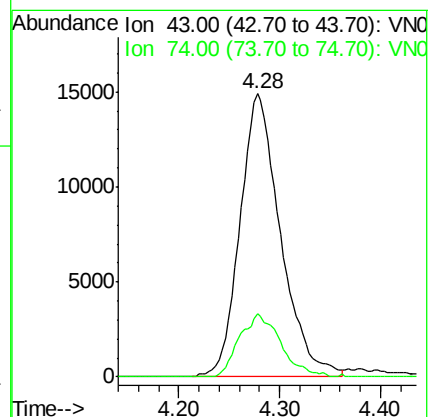
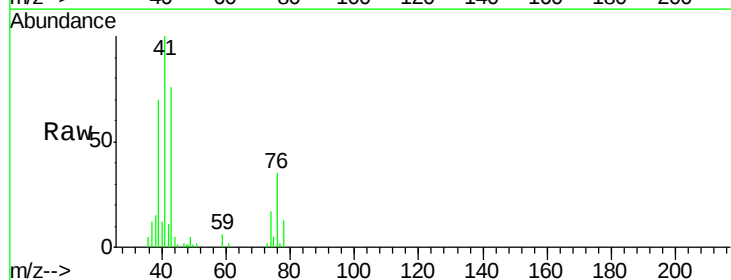
Acq: 27 Jul 2020 16:48

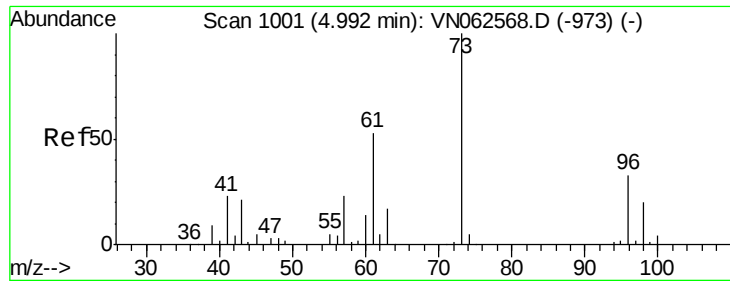
Tgt Ion: 43 Resp: 41591

Ion Ratio Lower Upper

43 100

74 22.7 16.6 24.8





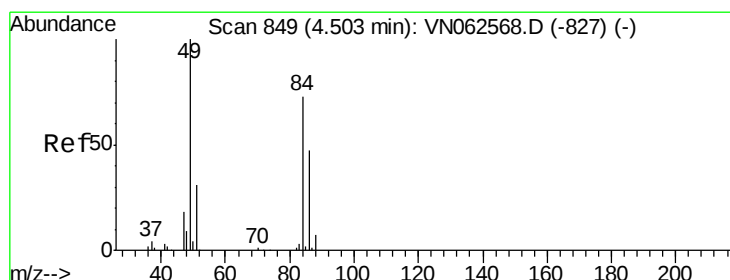
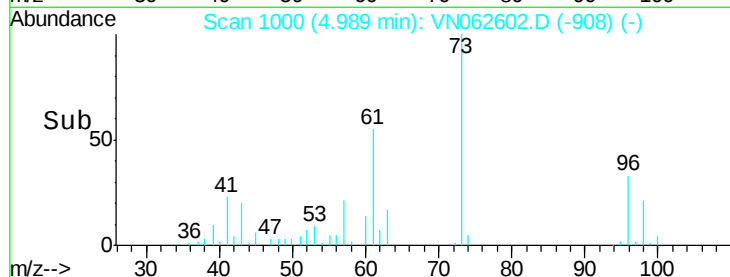
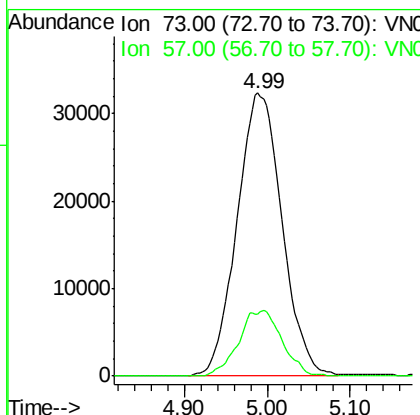
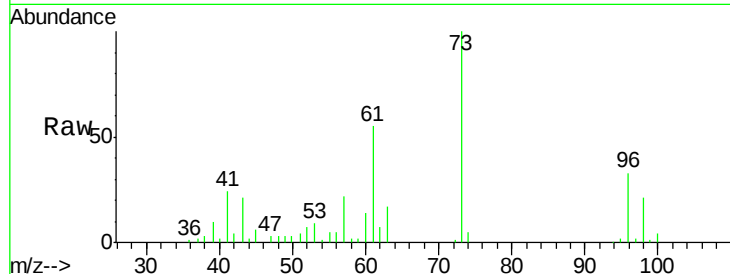
#19
Methvl tert-butvl Ether
Concen: 20.105 ug/l
RT: 4.99 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion: 73 Resp: 122103
Ion Ratio Lower Upper
73 100
57 22.0 18.6 27.8

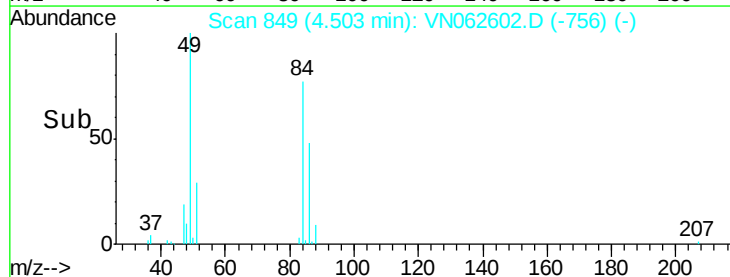
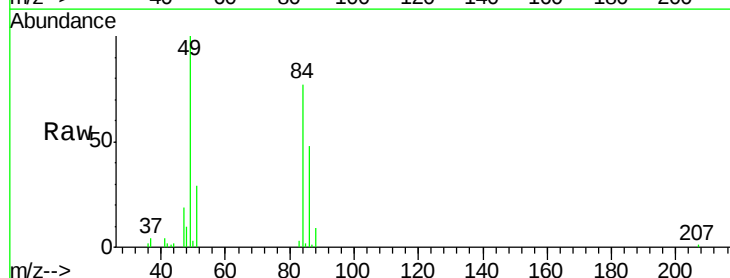
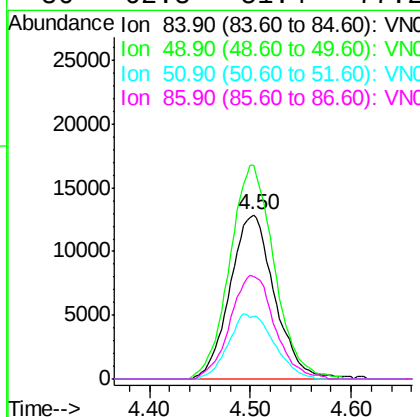
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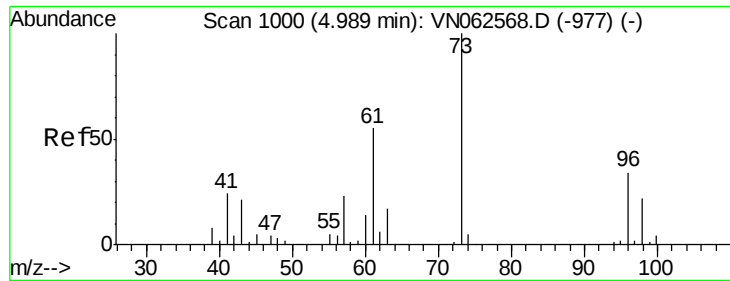
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#20
Methylene Chloride
Concen: 18.247 ug/l
RT: 4.50 min Scan# 849
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion: 84 Resp: 39425
Ion Ratio Lower Upper
84 100
49 130.1 109.4 164.0
51 37.9 33.6 50.4
86 62.8 51.4 77.2





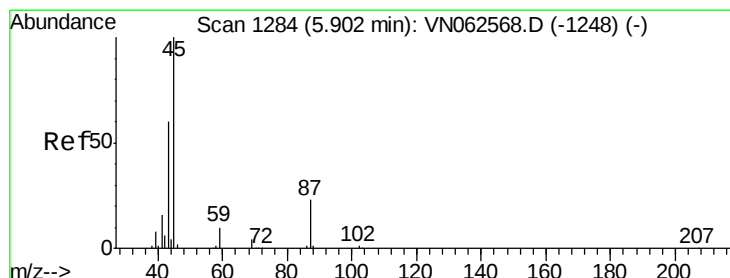
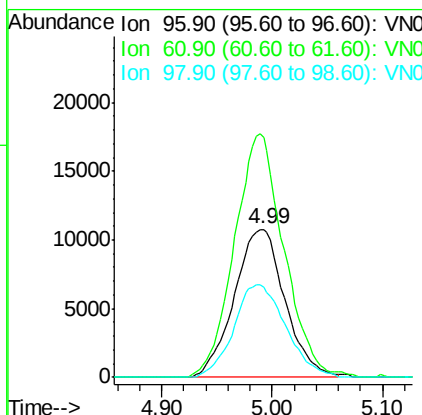
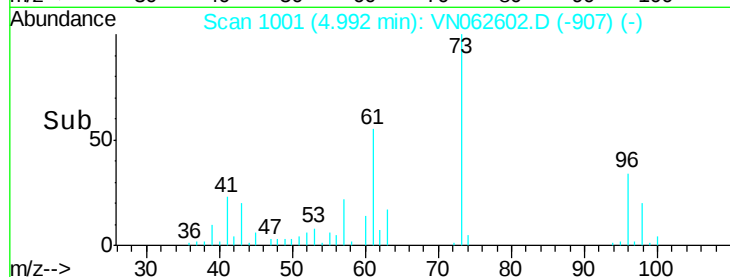
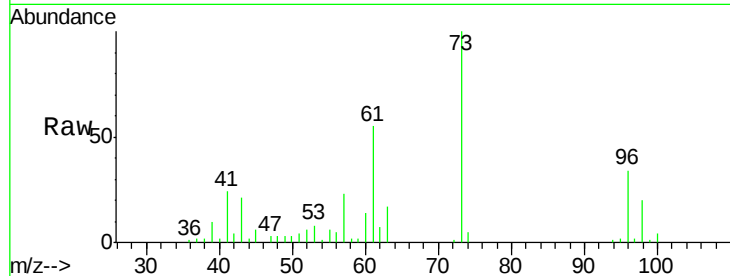
#21
trans-1,2-Dichloroethene
Concen: 18.723 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	162.1	128.6	192.8
98	60.6	50.6	76.0

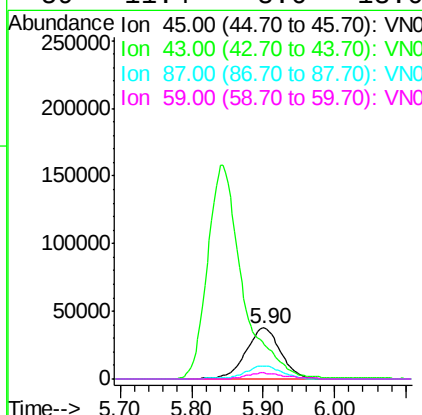
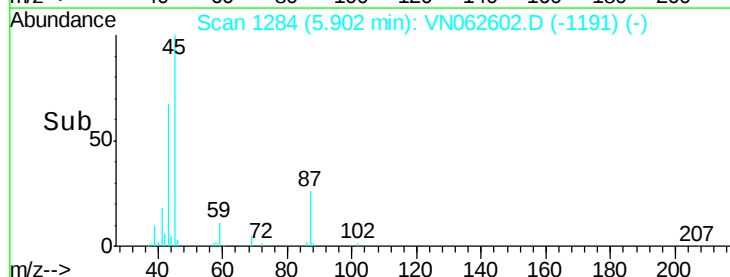
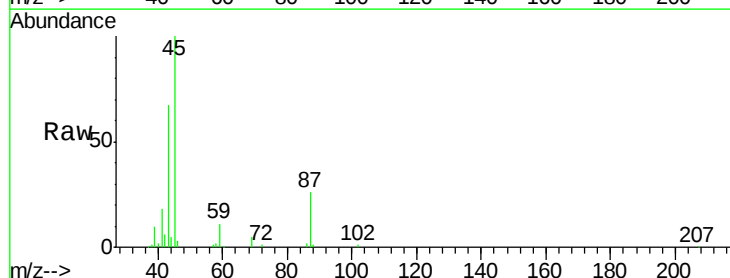
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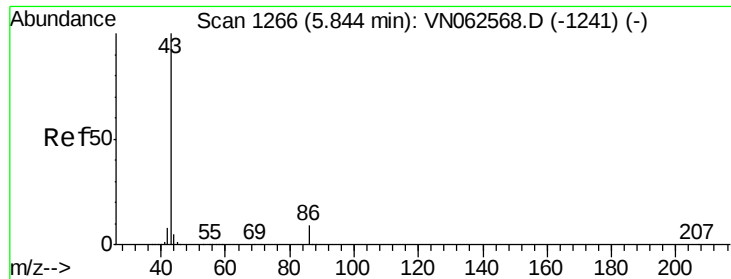
MMDadoda
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#22
Diisopropyl ether
Concen: 17.957 ug/l
RT: 5.90 min Scan# 1284
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.8	48.7	73.1
87	25.6	19.0	28.6
59	11.4	8.6	13.0





#23

Vinyl Acetate

Concen: 92.505 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

Tot Ion: 43 Resp: 537750

Ion Ratio Lower Upper

43 100

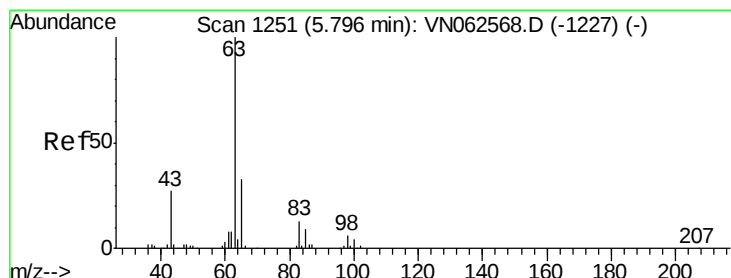
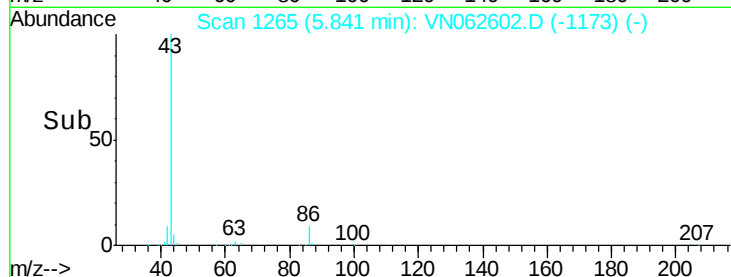
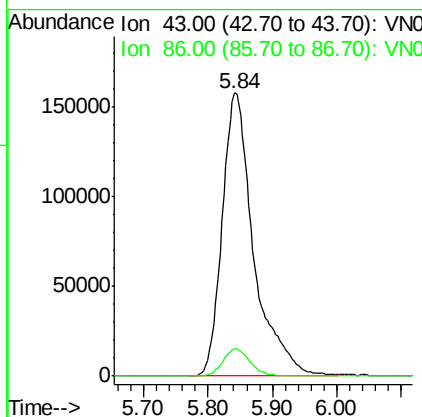
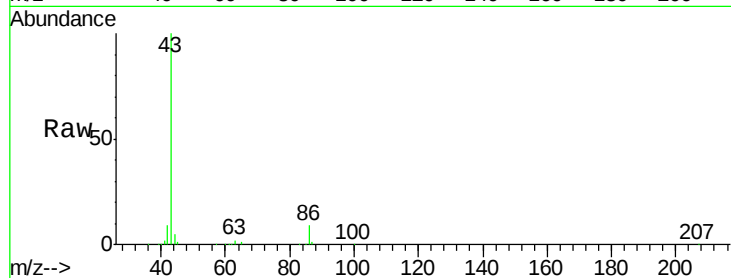
86 9.5 6.9 10.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 18.670 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

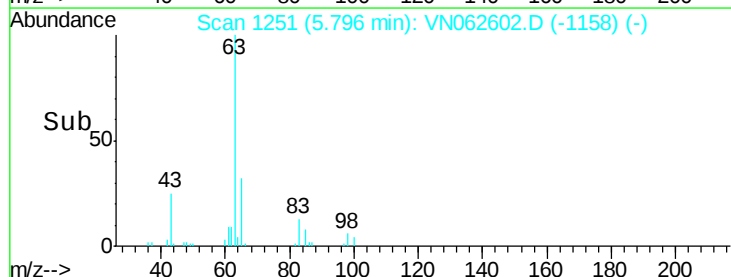
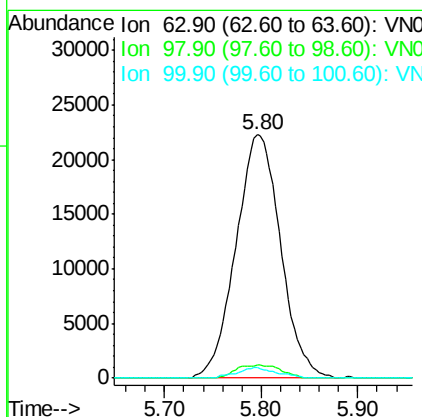
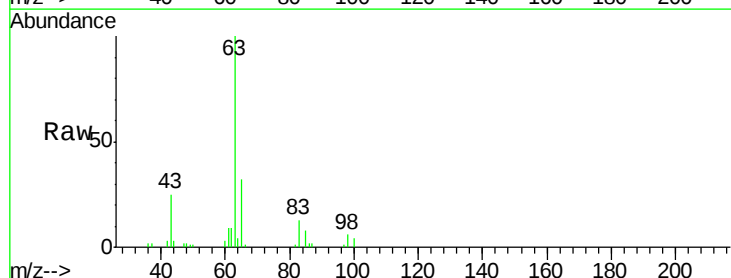
Tgt Ion: 63 Resp: 71329

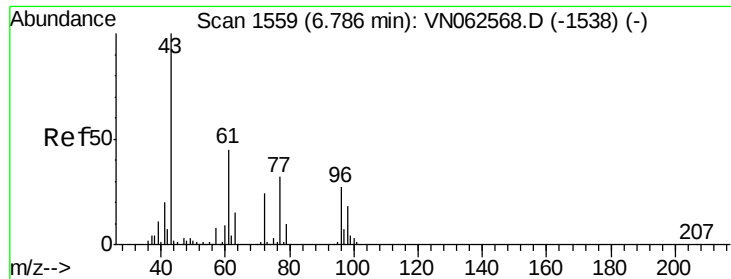
Ion Ratio Lower Upper

63 100

98 5.5 2.9 8.8

100 4.3 1.8 5.4





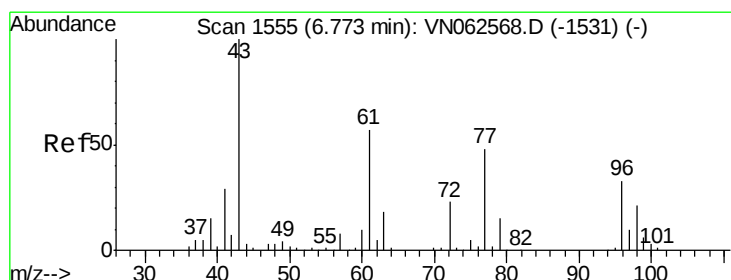
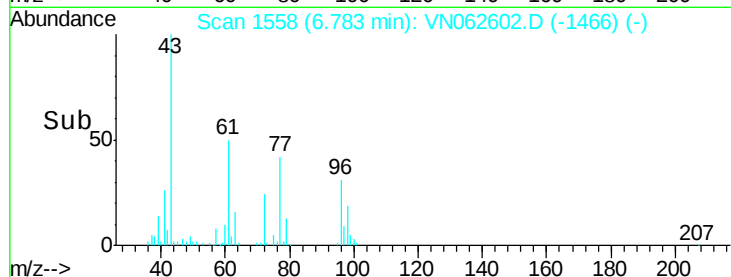
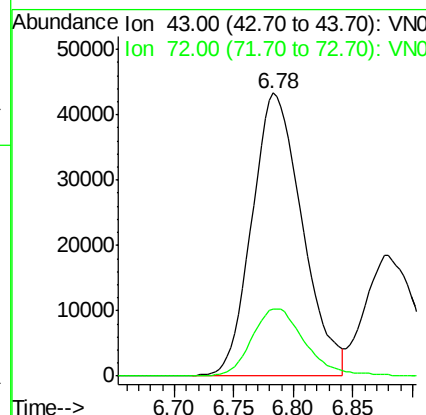
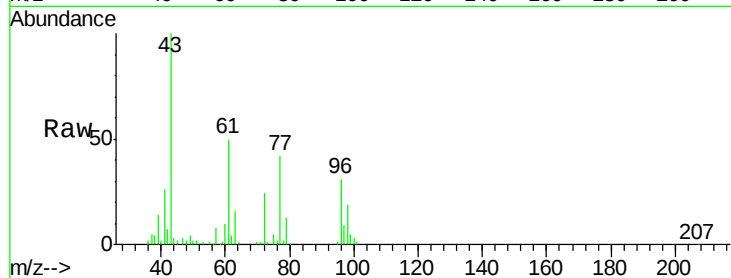
#25
2-Butanone
Concen: 92.468 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion: 43 Resp: 126862
Ion Ratio Lower Upper
43 100
72 23.8 19.0 28.6

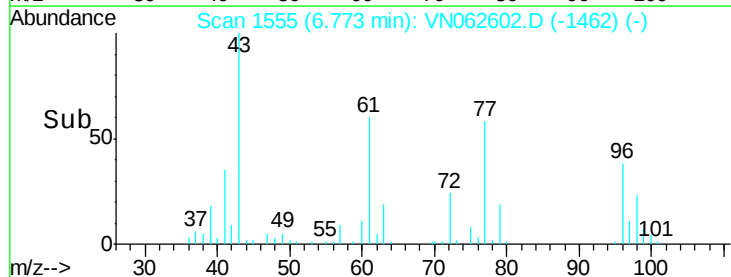
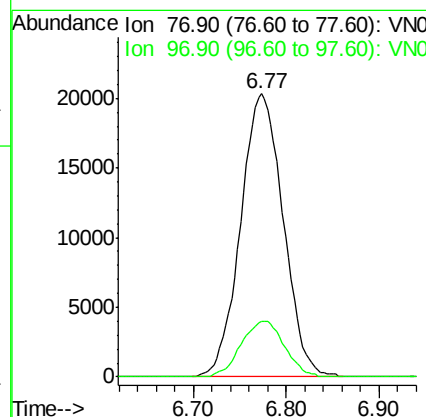
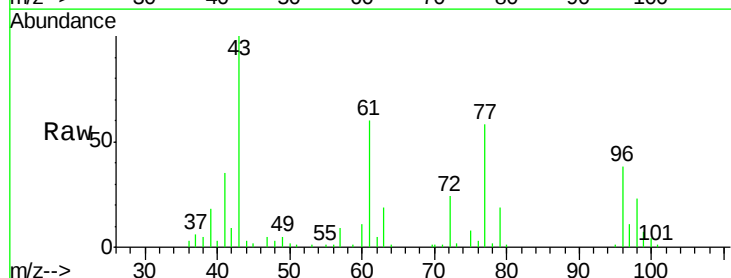
Manual Integrations
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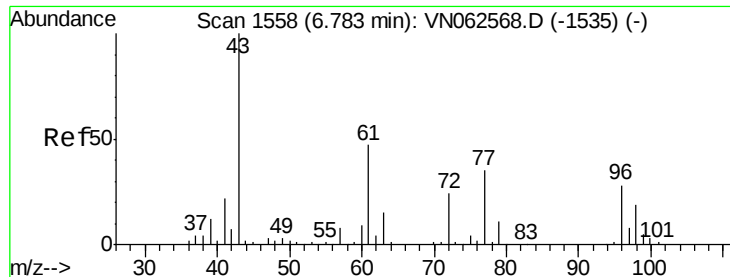
MMDadoda
7/28/2020 1:46:12 PM



#26
2,2-Dichloropropane
Concen: 20.654 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion: 77 Resp: 64775
Ion Ratio Lower Upper
77 100
97 20.1 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 18.896 ug/l

RT: 6.78 min Scan# 1556

Delta R.T. -0.01 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

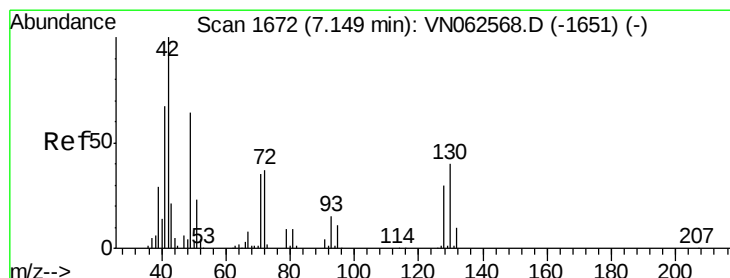
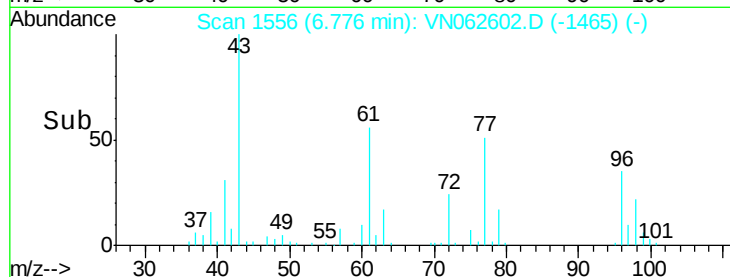
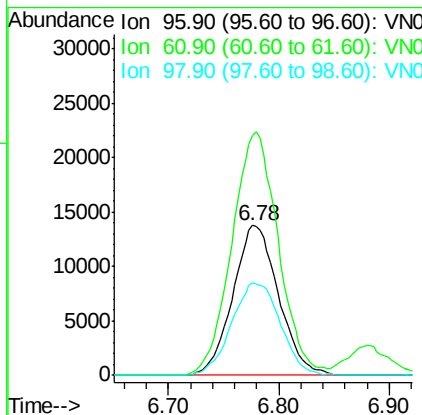
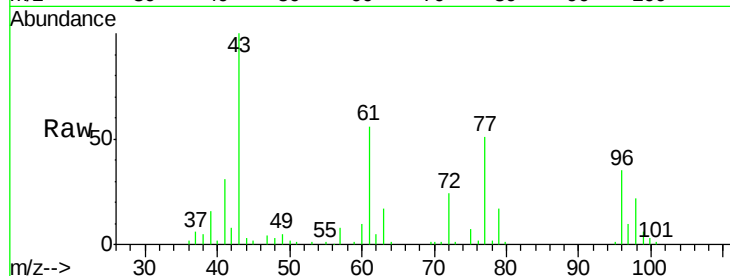
ClientSampleId :

VN0727WBSD01

Tot Ion:	96	Resp:	39487
Ion	Ratio	Lower	Upper
96	100		
61	165.1	0.0	332.4
98	65.6	0.0	127.4

Manual Integrations
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#28

Bromochloromethane

Concen: 17.420 ug/l

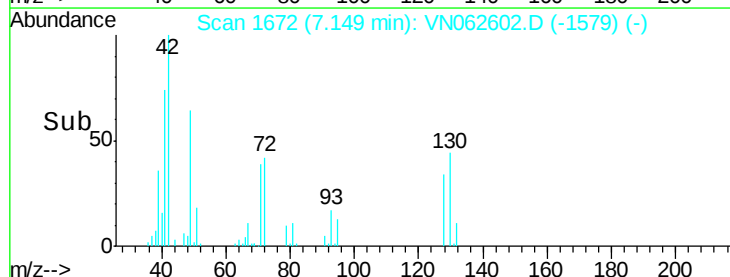
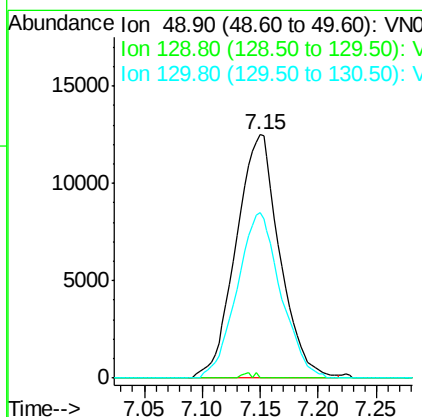
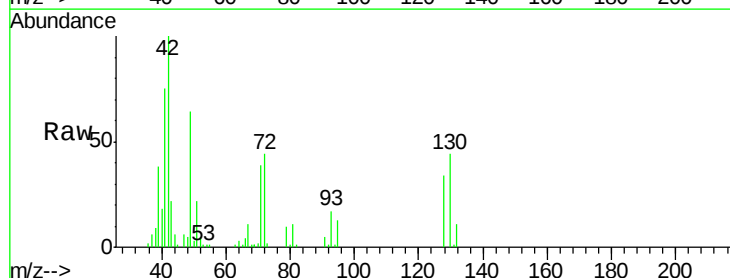
RT: 7.15 min Scan# 1672

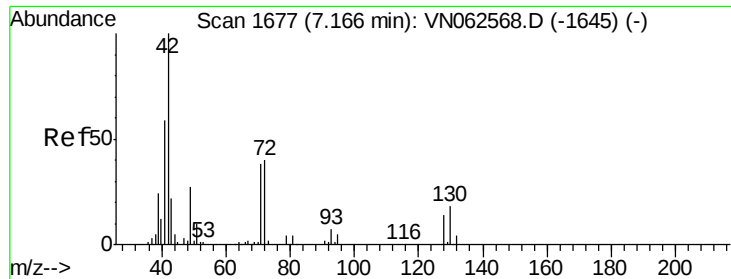
Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Tgt Ion:	49	Resp:	32752
Ion	Ratio	Lower	Upper
49	100		
129	0.5	0.0	3.4
130	67.8	49.8	74.8





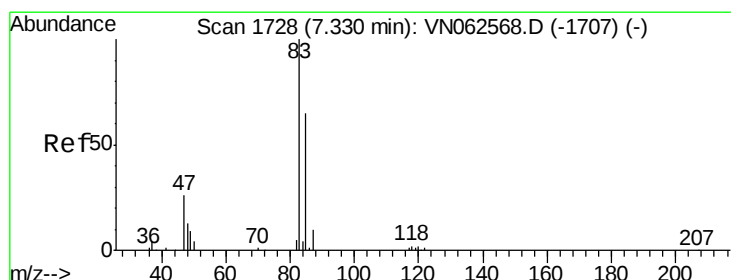
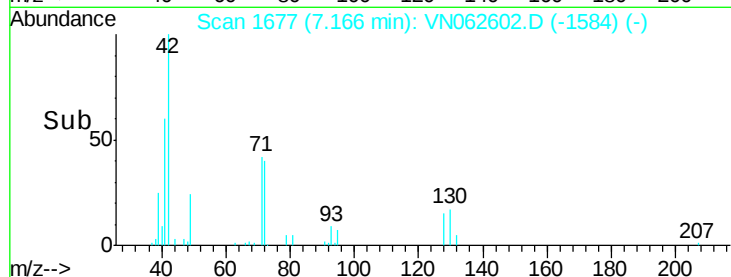
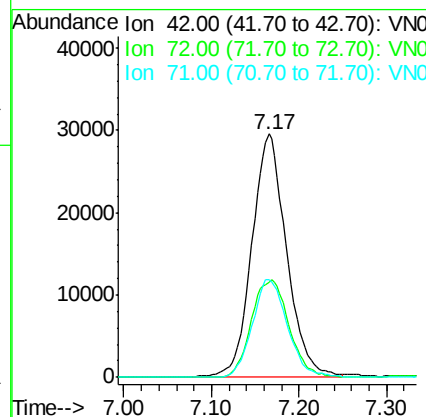
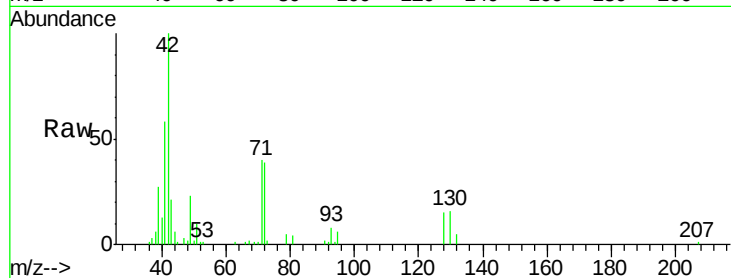
#29
Tetrahydrofuran
Concen: 87.783 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	43.2	30.7	46.1
71	40.6	29.1	43.7

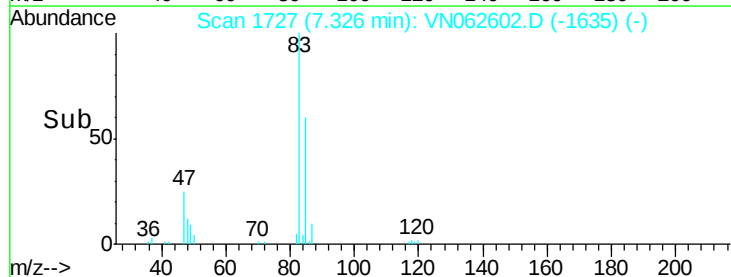
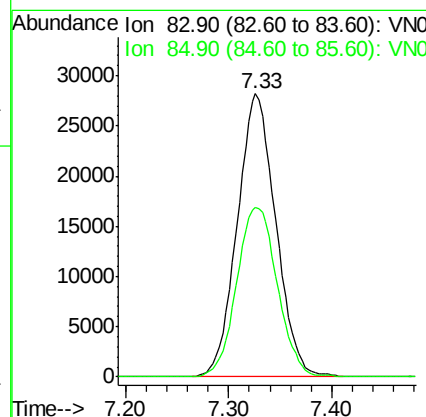
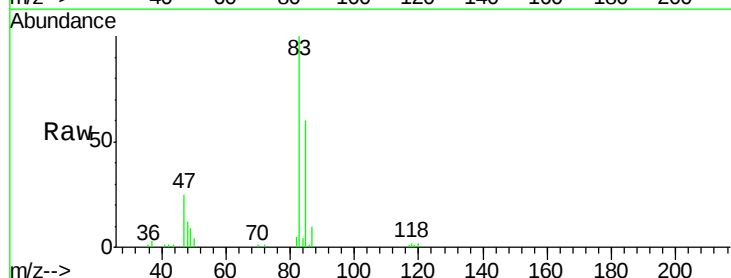
Manual Integrations
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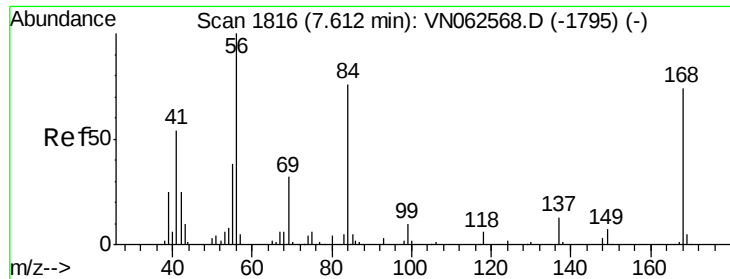
MMDadoda
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#30
Chloroform
Concen: 20.154 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.0	52.0	78.0





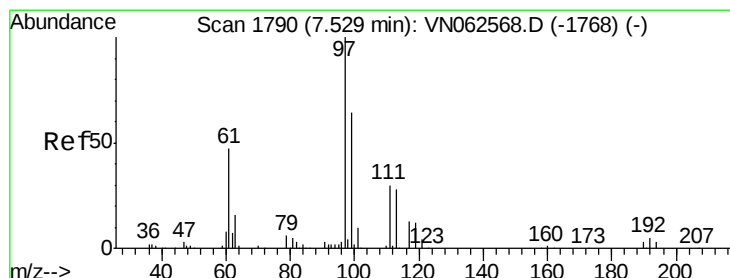
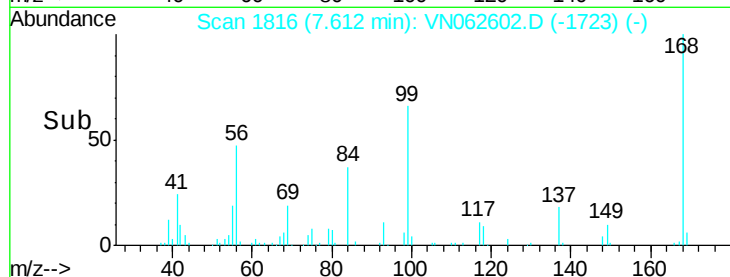
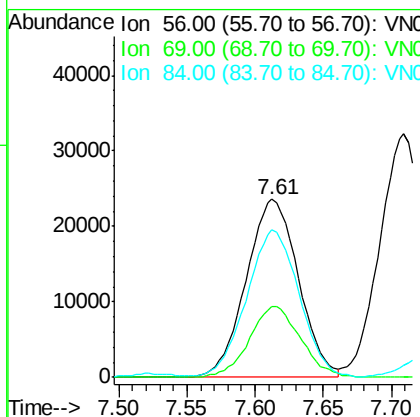
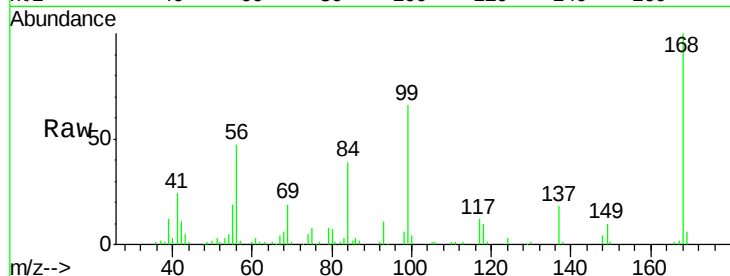
#31
Cyclohexane
Concen: 17.786 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.5	25.3	37.9#
84	81.7	61.0	91.4

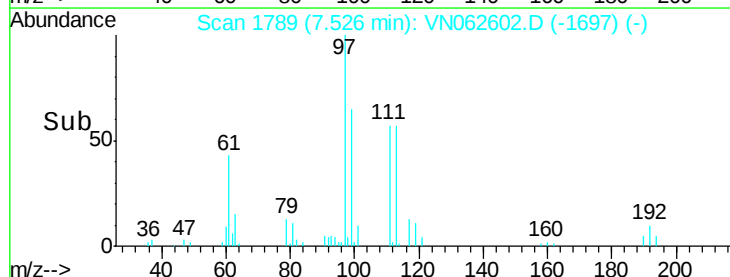
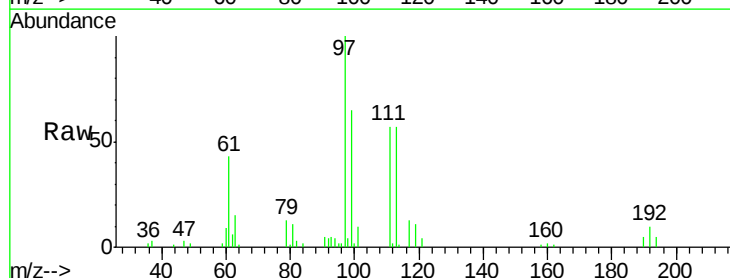
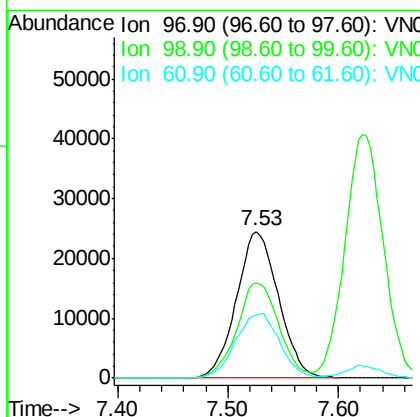
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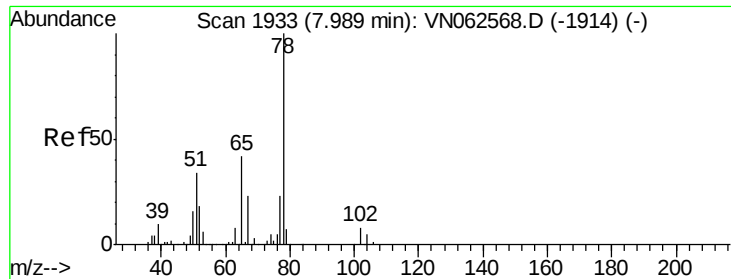
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#32
1,1,1-Trichloroethane
Concen: 21.339 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.2	76.8
61	46.0	38.4	57.6





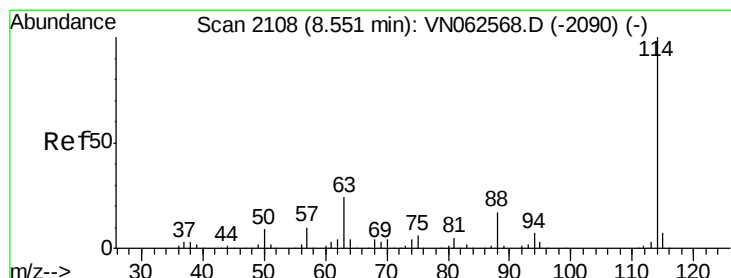
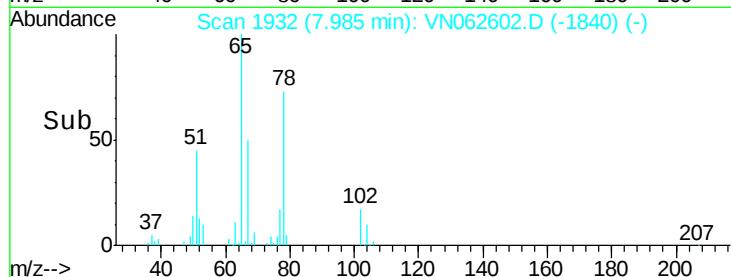
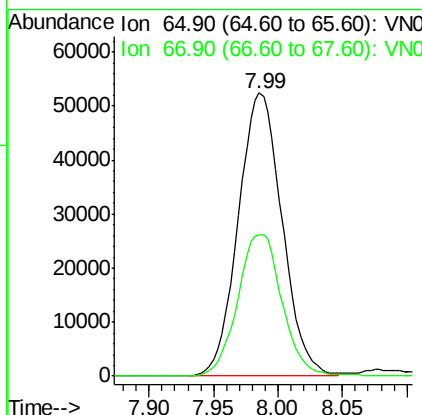
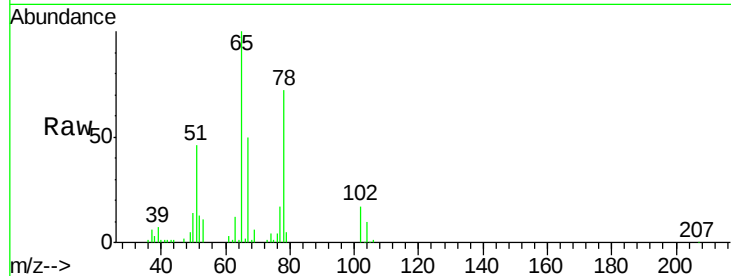
#33
 1,2-Dichloroethane-d4
 Concen: 51.824 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	124061		
67	50.7	0.0	106.0	

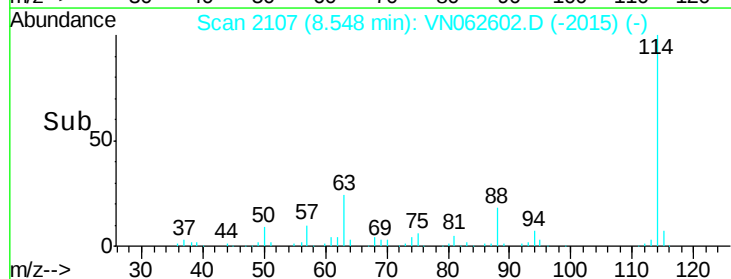
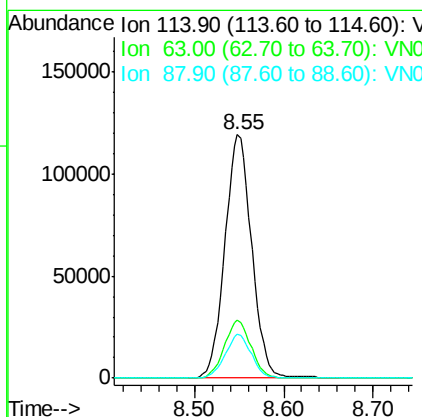
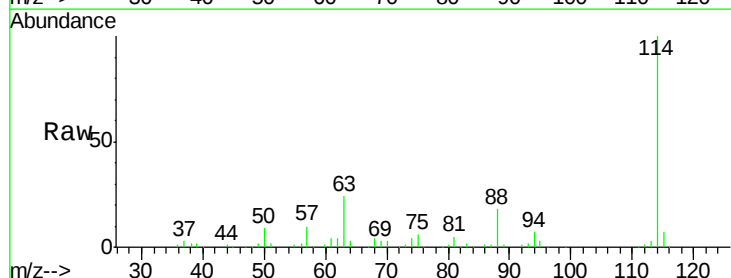
Manual Integrations
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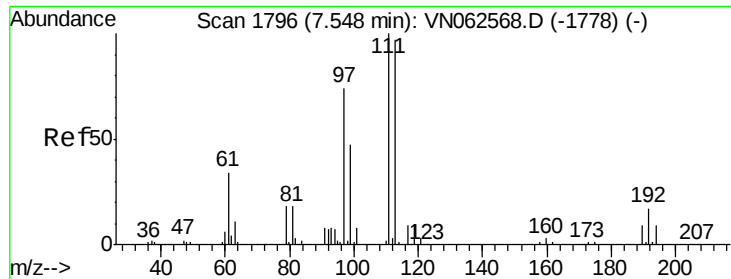
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	248269		
63	23.7	0.0	48.4	
88	17.8	0.0	33.8	





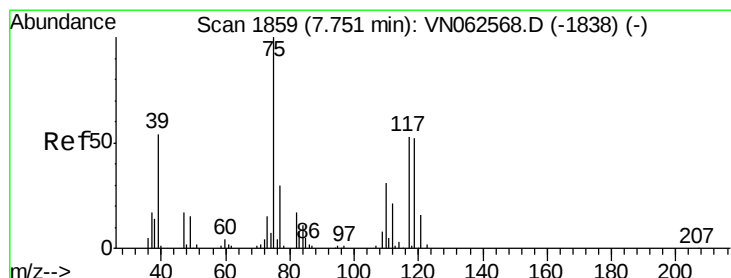
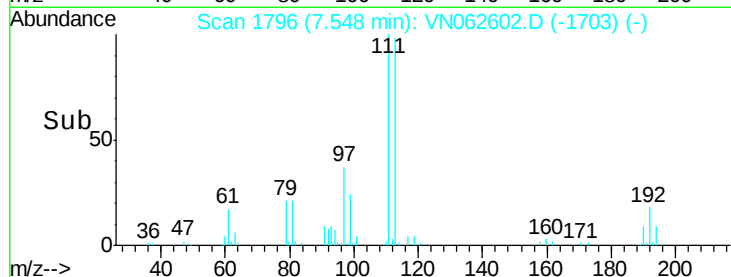
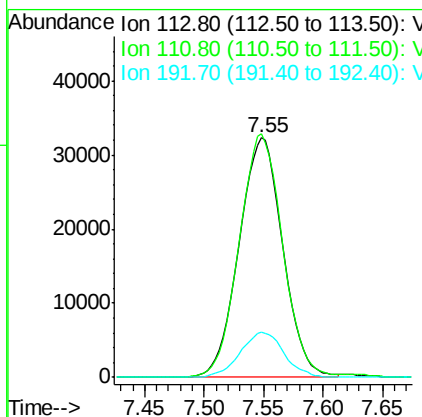
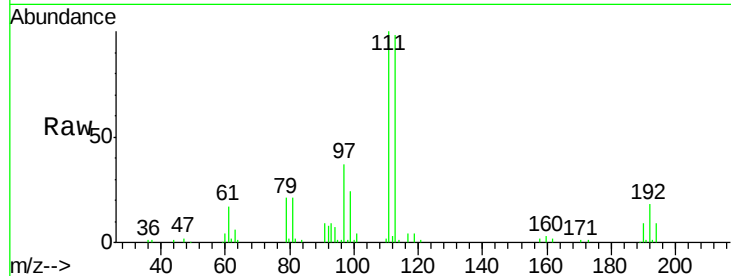
#35
 Dibromofluoromethane
 Concen: 50.398 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.1	82.7	124.1
192	18.8	14.8	22.2

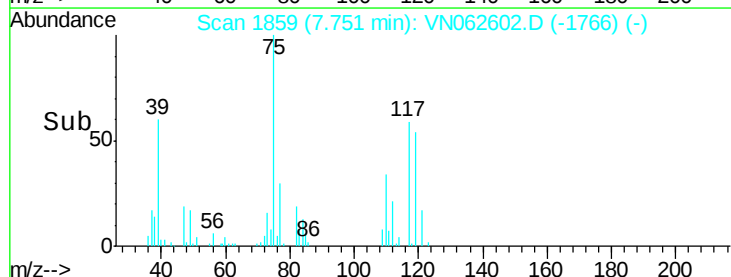
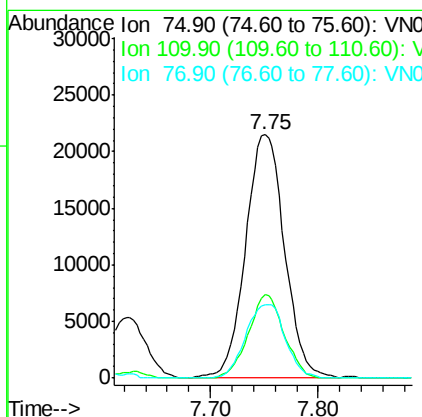
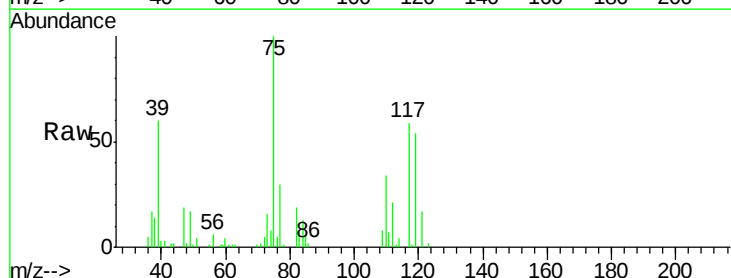
Manual Integrations
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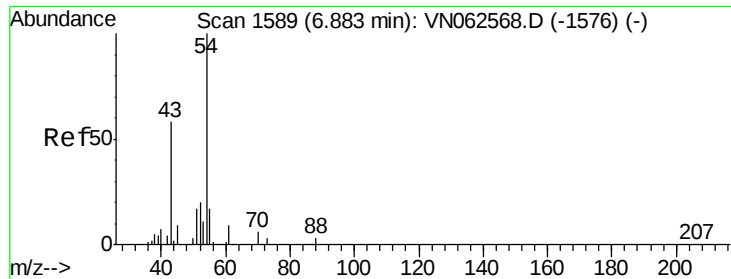
MMDadoda
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#36
 1,1-Dichloropropene
 Concen: 20.412 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	31.3	16.0	48.0
77	30.7	24.6	36.8





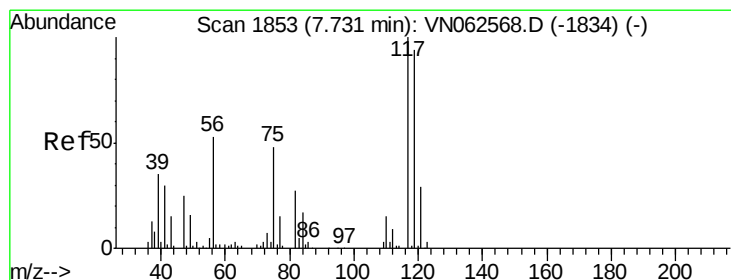
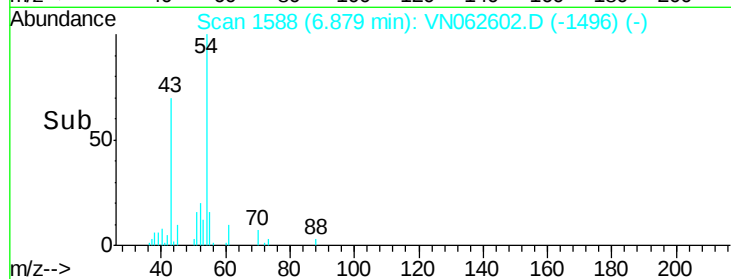
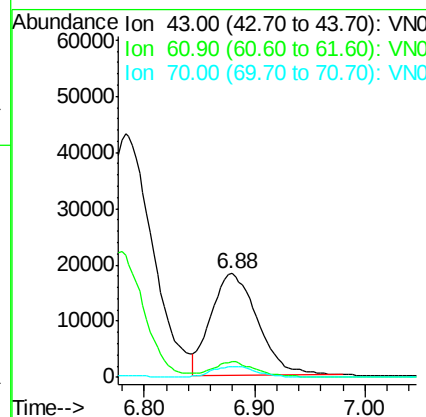
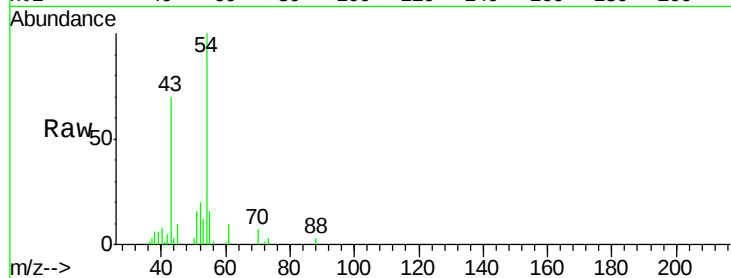
#37
Ethyl Acetate
Concen: 18.830 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	10.0	7.7	11.5

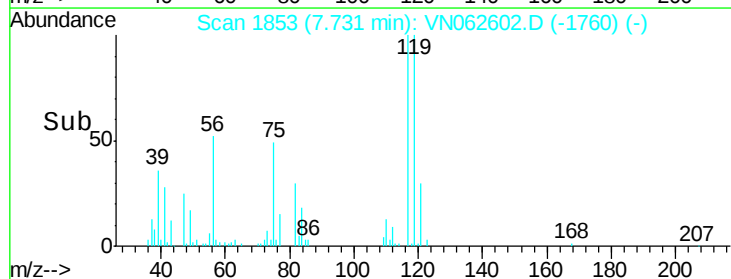
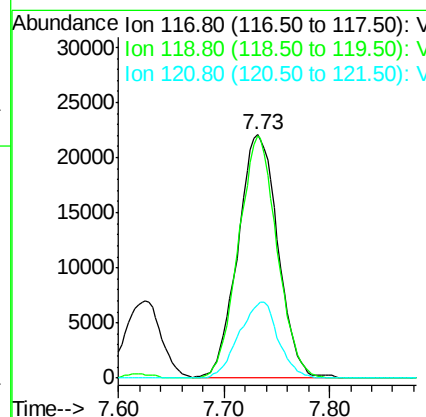
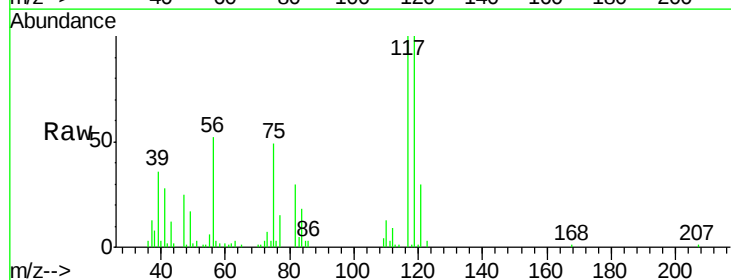
Manual Integrations
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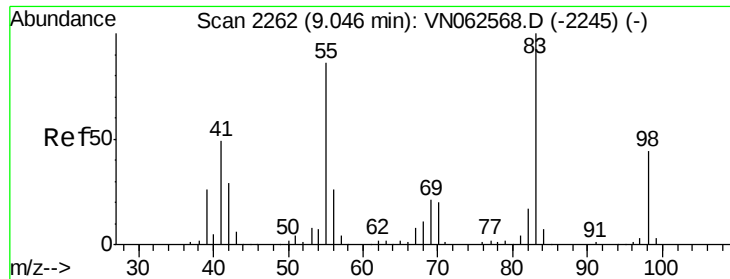
MMDadoda
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#38
Carbon Tetrachloride
Concen: 22.929 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.7	74.8	112.2
121	29.9	23.0	34.6





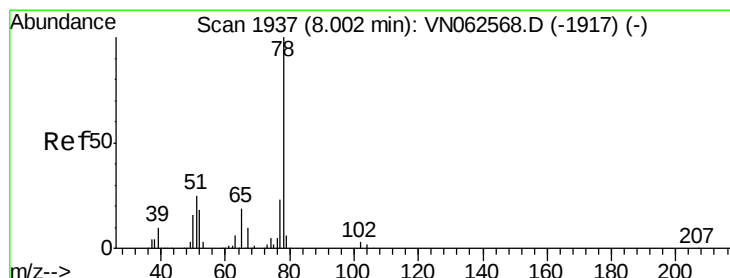
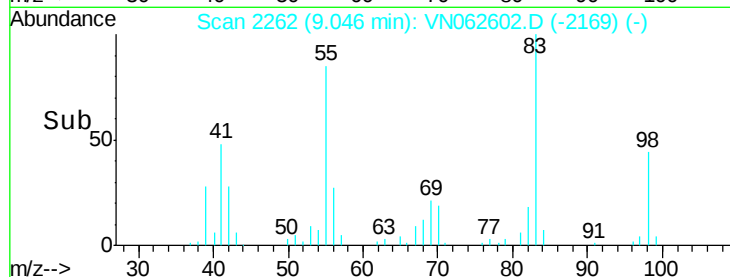
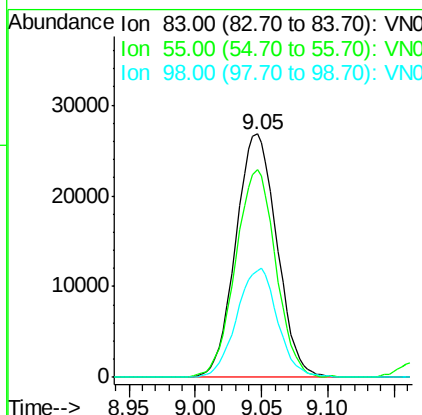
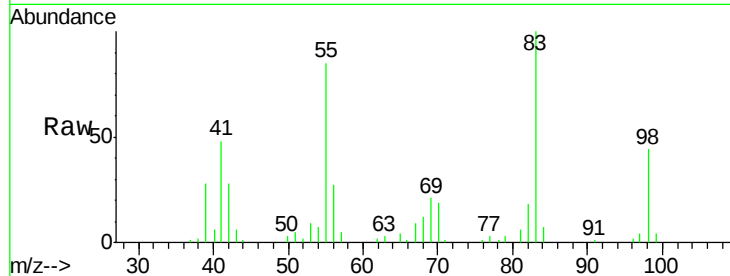
#39
Methylvlcyclohexane
Concen: 20.309 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	85.4	68.9	103.3
98	44.0	35.1	52.7

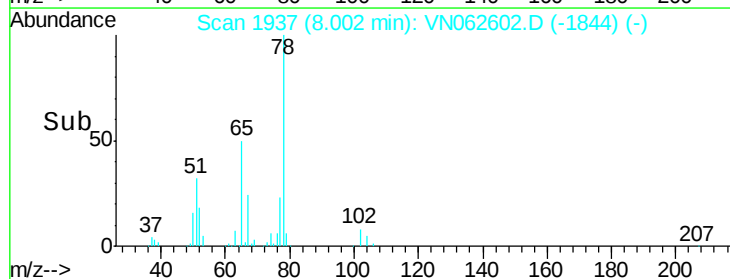
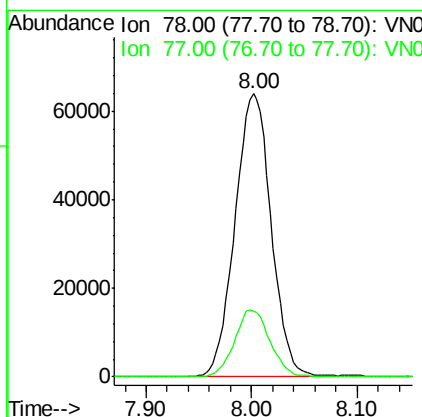
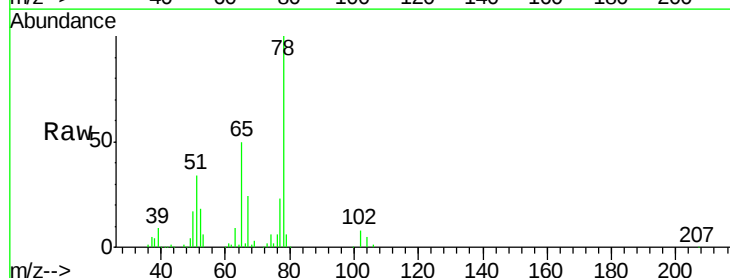
Manual Integrations
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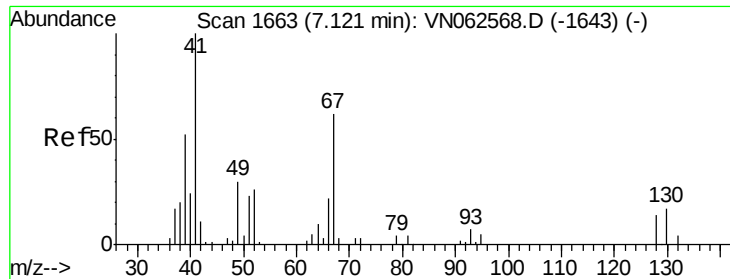
MMDadoda
7/28/2020 1:46:12 PM



#40
Benzene
Concen: 19.006 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.7	28.1





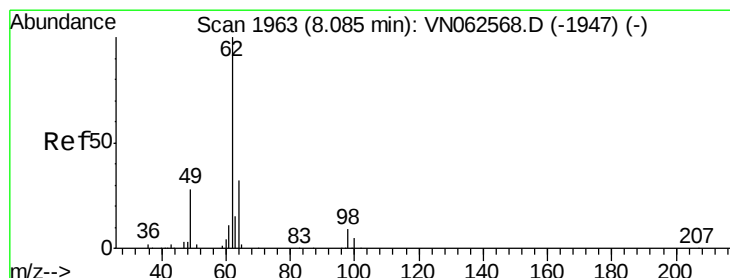
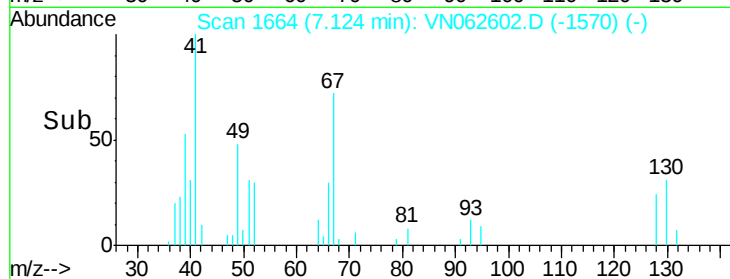
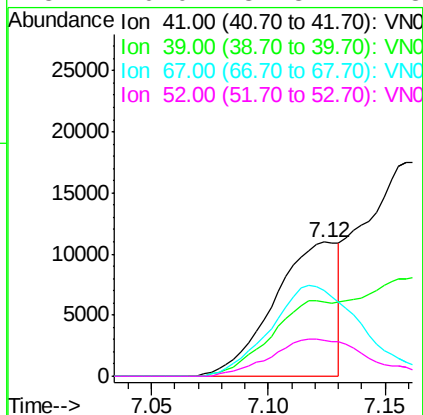
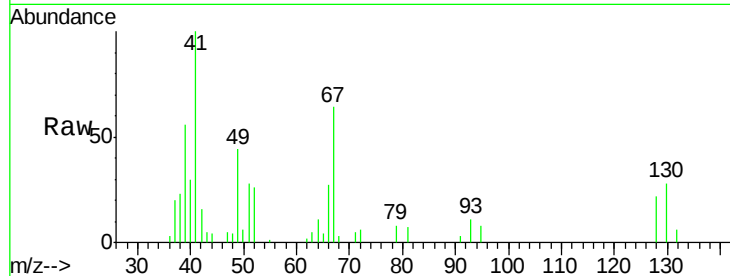
#41
Methacrylonitrile
Concen: 17.331 ug/l m
RT: 7.12 min Scan# 1664
Delta R.T. 0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	55.8	83.6#
67	0.0	72.5	108.7#
52	0.0	31.8	47.8#

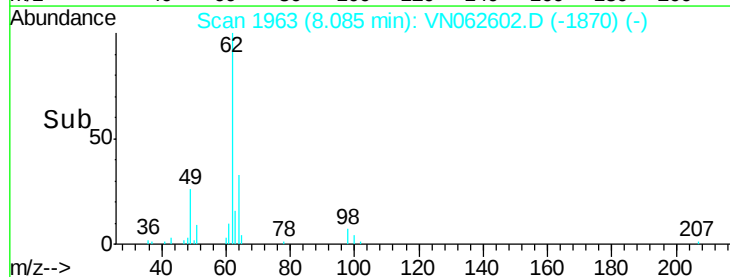
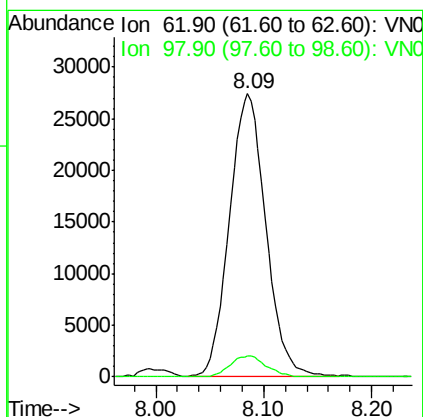
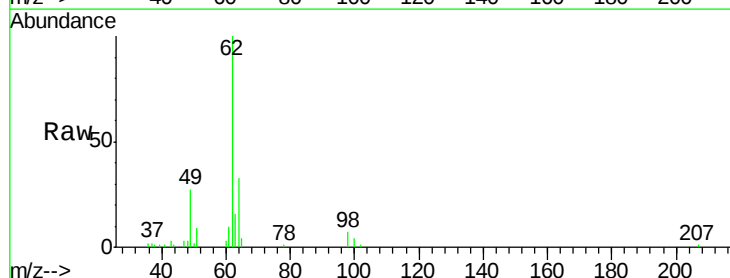
Manual Integrations
APPROVED

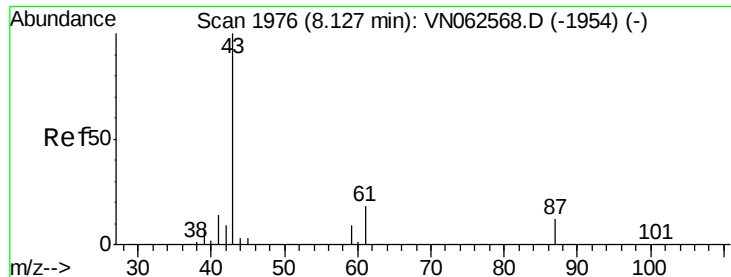
MMDadoda
7/28/2020 1:46:12 PM



#42
1,2-Dichloroethane
Concen: 22.081 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.2	0.0	16.2





#43

Isopropyl Acetate

Concen: 19.212 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

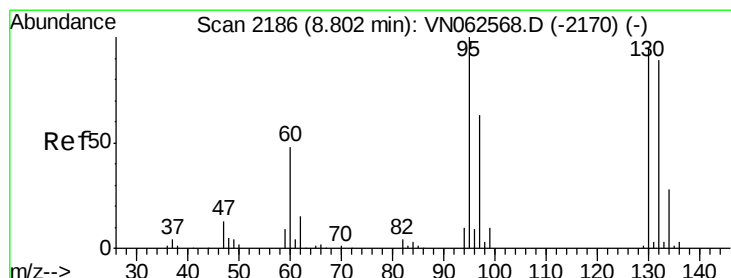
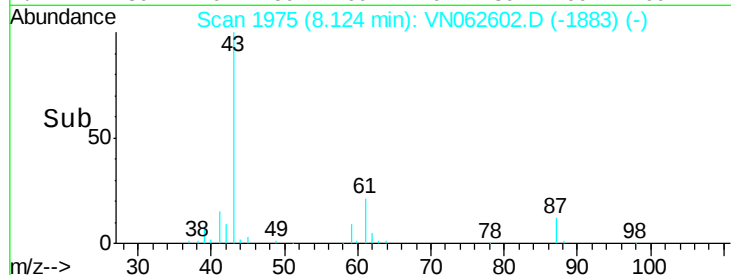
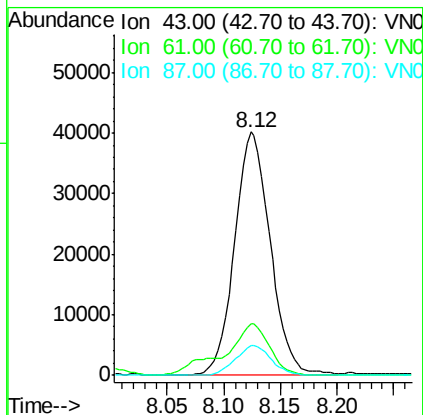
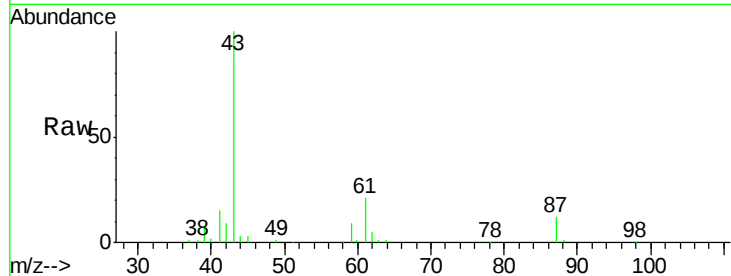
ClientSampleId :

VN0727WBSD01

Tot Ion:	43	Resp:	88345
Ion	Ratio	Lower	Upper
43	100		
61	27.0	20.8	31.2
87	12.1	9.2	13.8

Manual Integrations
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MMDadoda
7/28/2020 1:46:12 PM



#44

Trichloroethene

Concen: 20.463 ug/l

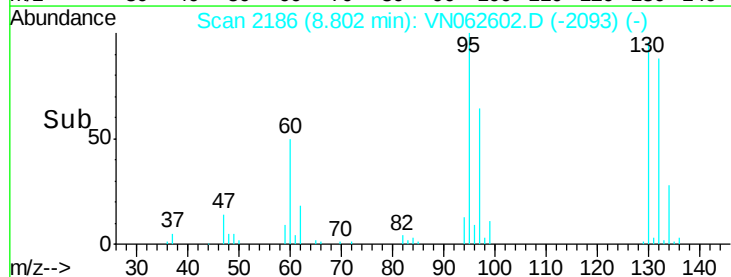
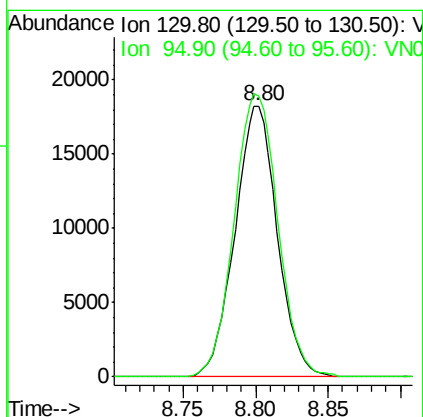
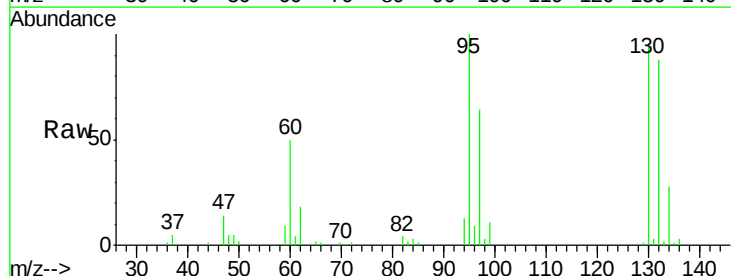
RT: 8.80 min Scan# 2186

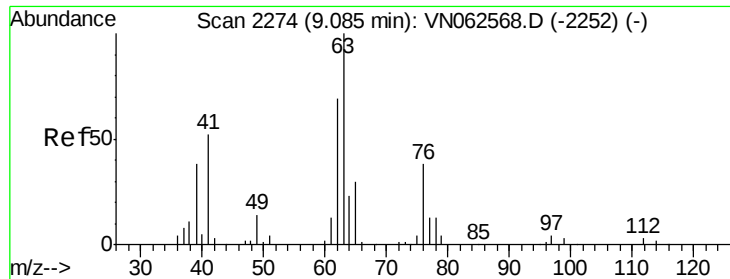
Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Tgt Ion:	130	Resp:	36970
Ion	Ratio	Lower	Upper
130	100		
95	103.7	0.0	210.4





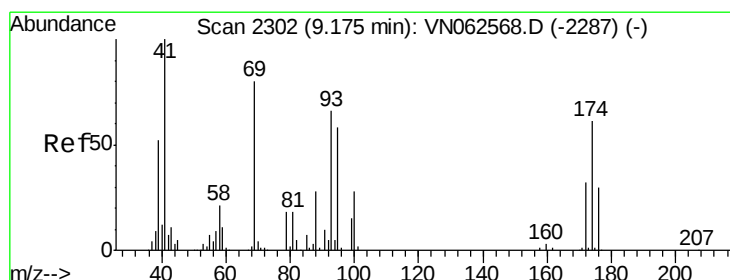
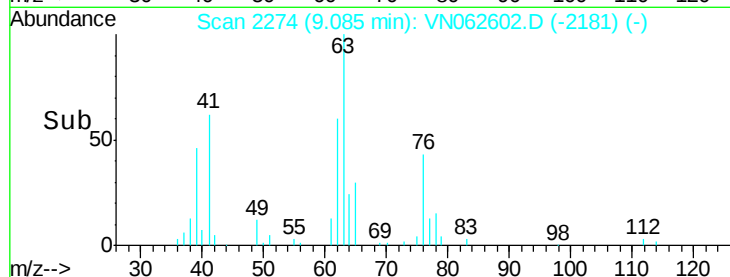
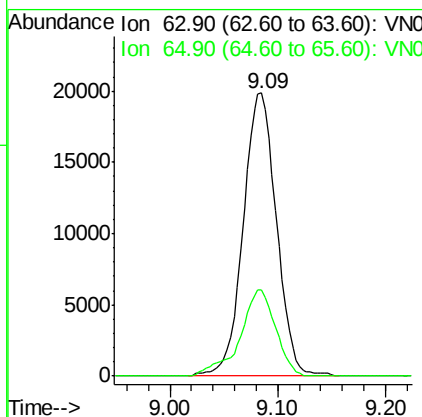
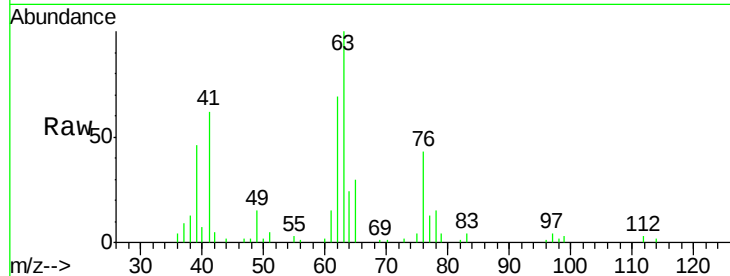
#45
 1,2-Dichloropropane
 Concen: 18.929 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion: 63 Resp: 42578
 Ion Ratio Lower Upper
 63 100
 65 30.4 24.4 36.6

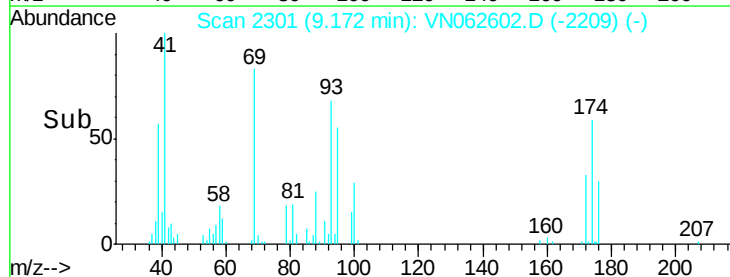
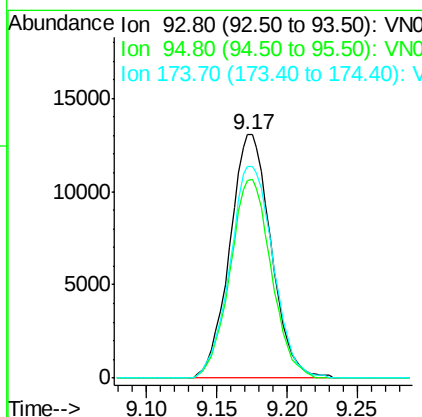
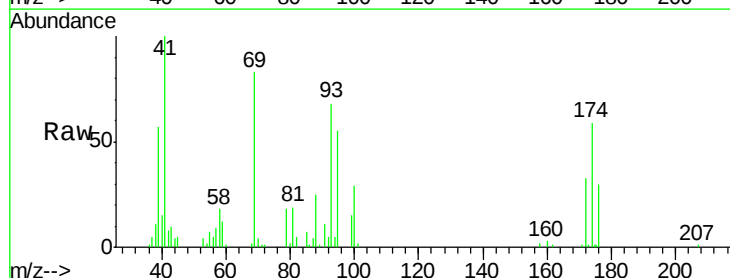
Manual Integrations
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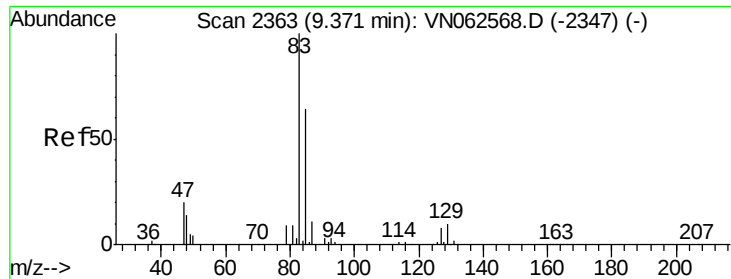
MMDadoda
 7/28/2020 1:46:12 PM



#46
 Dibromomethane
 Concen: 20.542 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion: 93 Resp: 26707
 Ion Ratio Lower Upper
 93 100
 95 81.3 67.6 101.4
 174 90.9 72.5 108.7





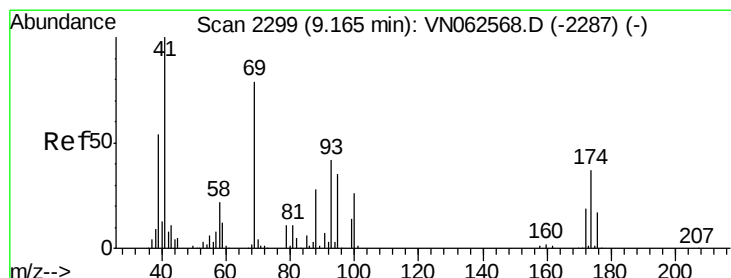
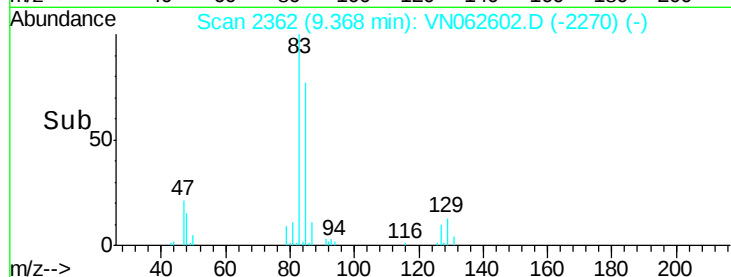
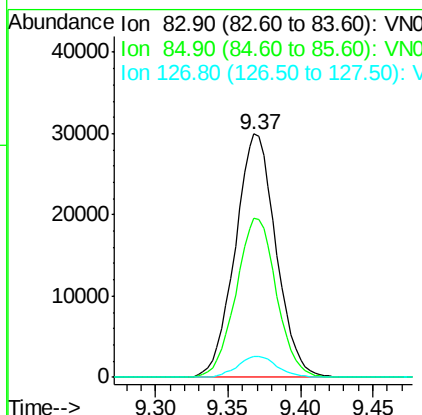
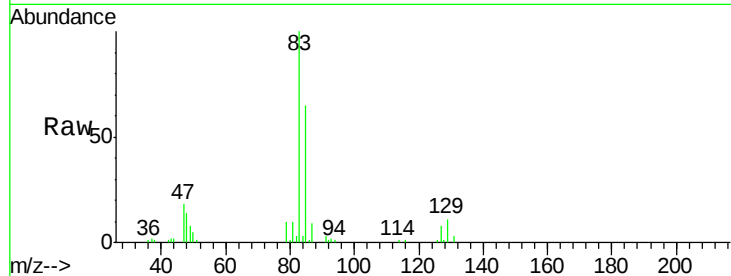
#47
Bromodichloromethane
Concen: 20.786 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	65.2	51.6	77.4
127	8.4	6.2	9.2

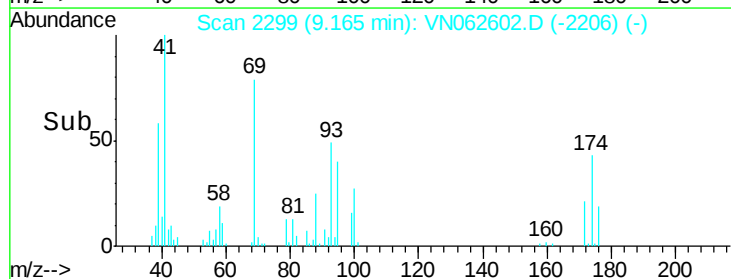
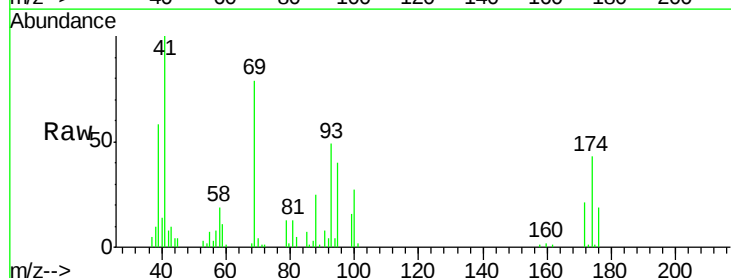
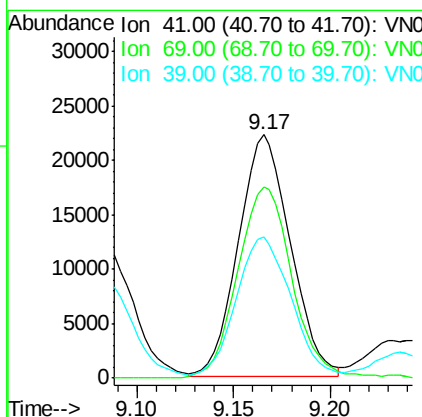
Manual Integrations
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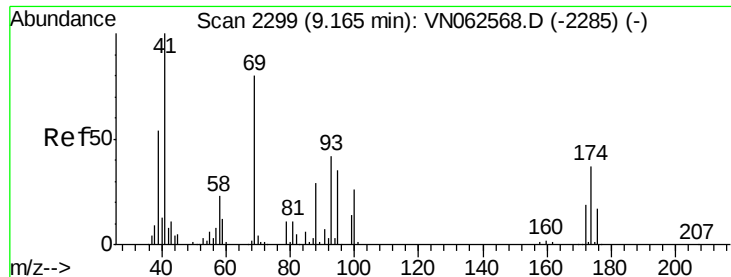
MMDadoda
7/28/2020 1:46:12 PM



#48
Methyl methacrylate
Concen: 19.046 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
41	100		
69	82.4	64.4	96.6
39	62.0	43.5	65.3





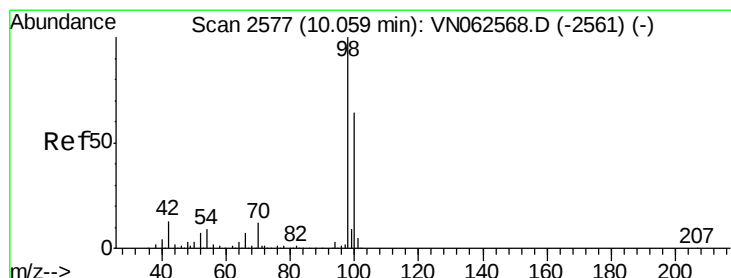
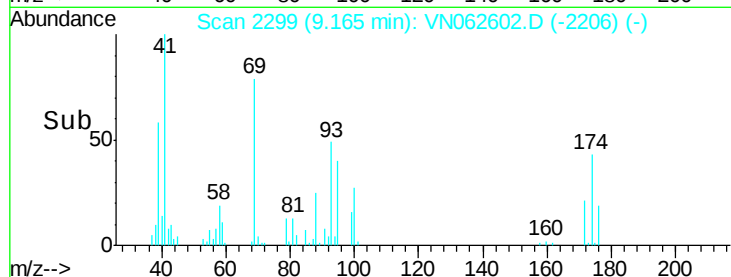
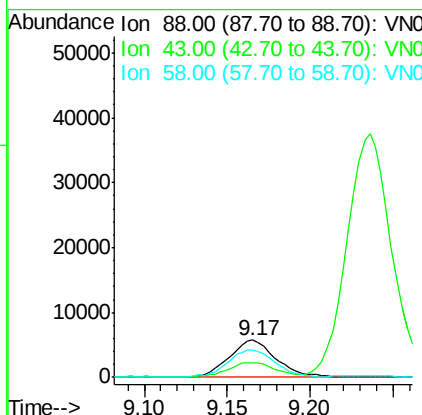
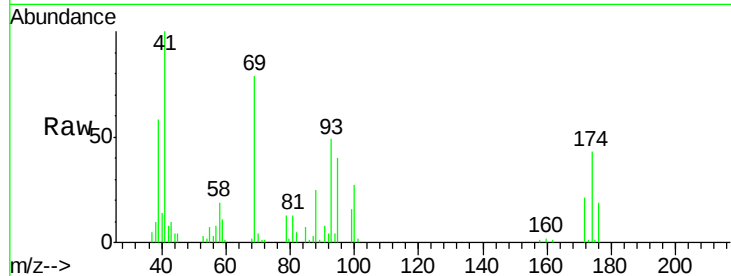
#49
1,4-Dioxane
Concen: 332.726 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion	88	Resp	11171
Ion	Ratio	Lower	Upper
88	100		
43	41.3	32.0	48.0
58	75.0	62.8	94.2

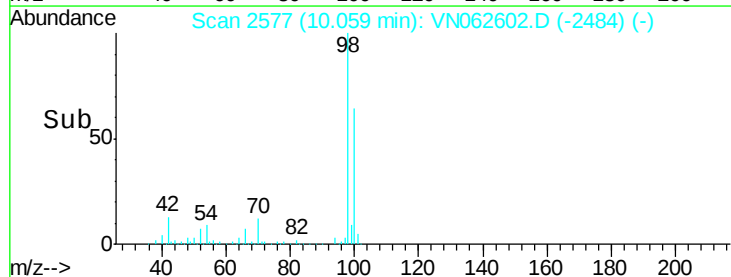
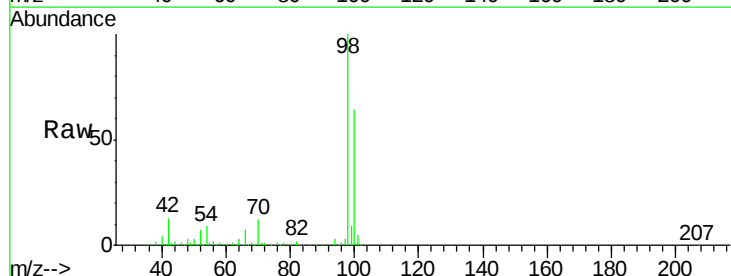
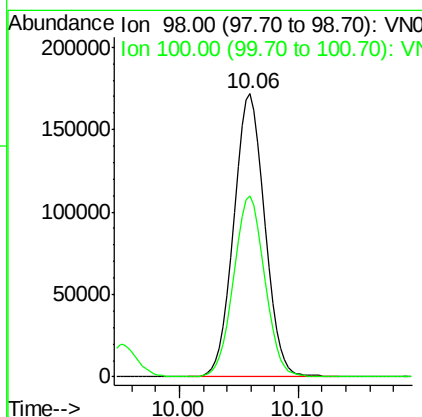
Manual Integrations
APPROVED

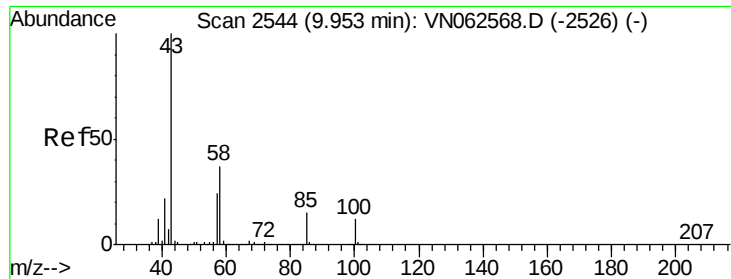
MMDadoda
7/28/2020 1:46:12 PM



#50
Toluene-d8
Concen: 47.738 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion	98	Resp	310615
Ion	Ratio	Lower	Upper
98	100		
100	64.1	50.9	76.3





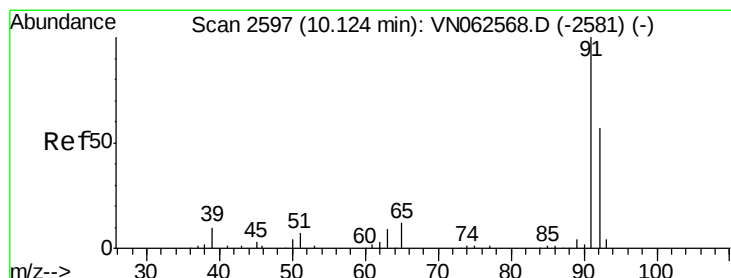
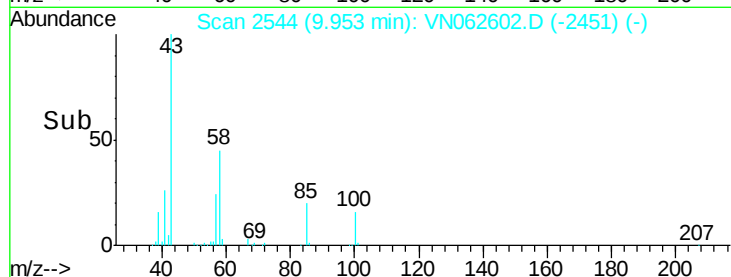
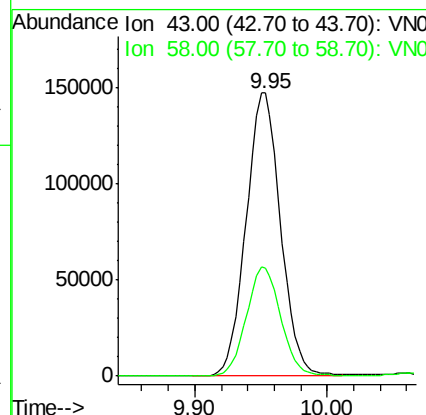
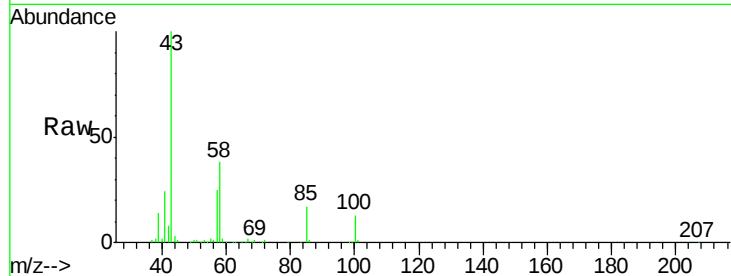
#51
4-Methyl-2-Pentanone
Concen: 96.703 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion	43	Resp	266076
Ion Ratio	43	100	
Lower	58	38.4	29.8
Upper			44.6

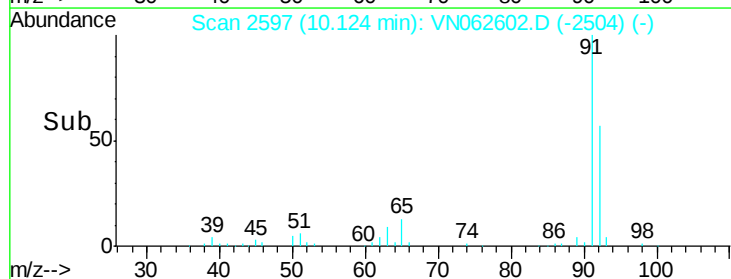
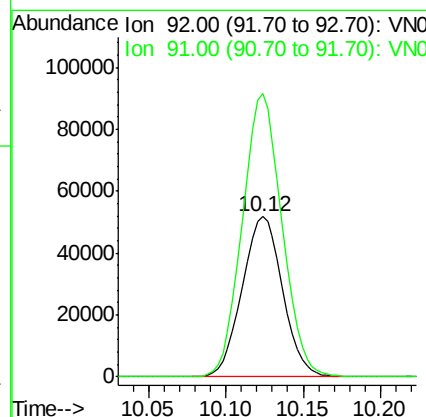
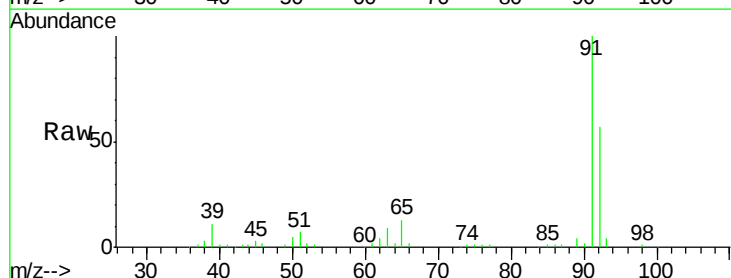
Manual Integrations
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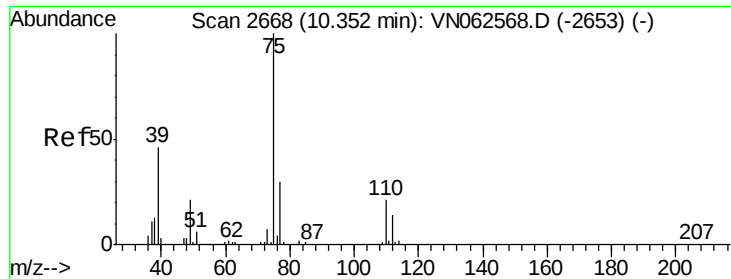
MMDadoda
7/28/2020 1:46:12 PM



#52
Toluene
Concen: 20.251 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion	92	Resp	94208
Ion Ratio	92	100	
Lower	91	173.2	139.4
Upper			209.2





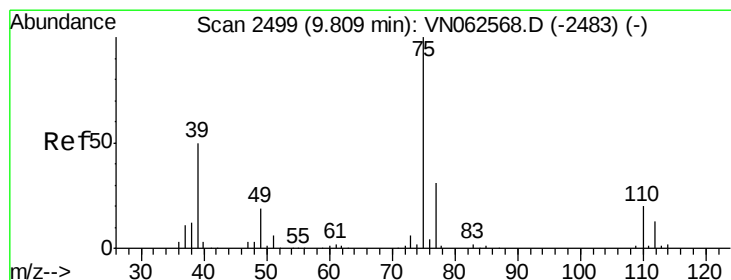
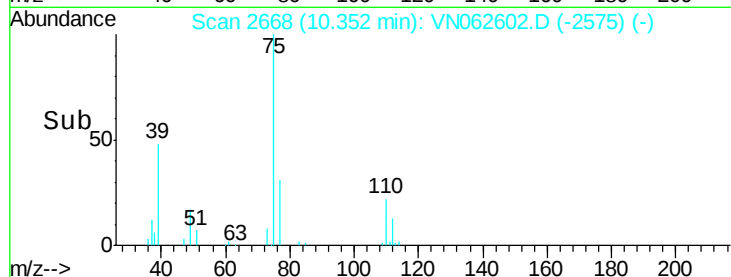
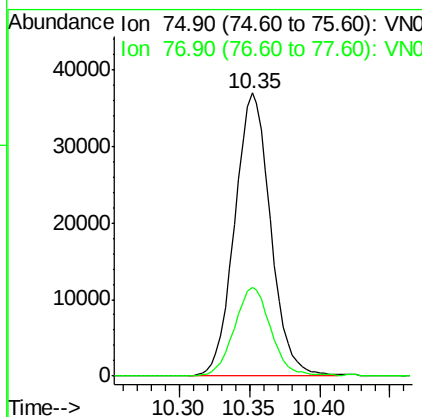
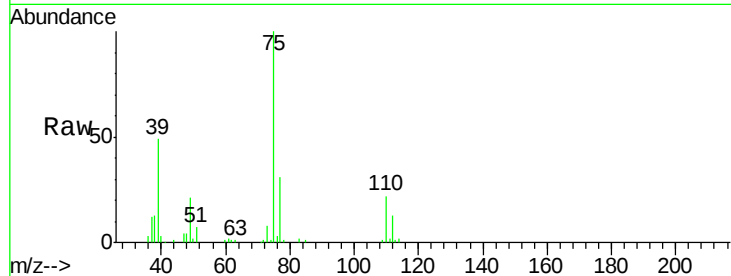
#53
t-1,3-Dichloropropene
Concen: 21.040 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion: 75 Resp: 65970
Ion Ratio Lower Upper
75 100
77 31.3 24.3 36.5

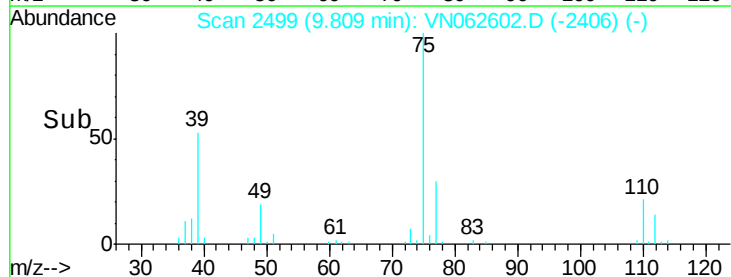
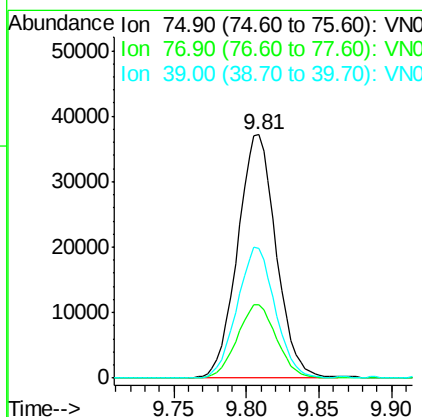
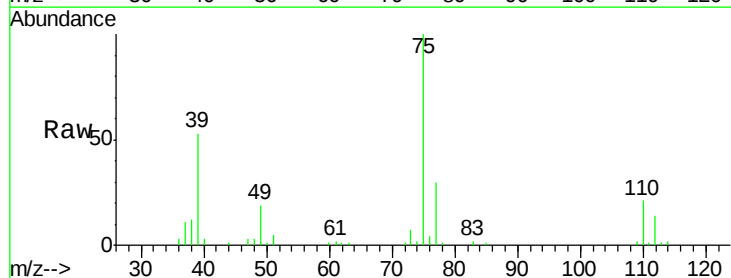
Manual Integrations
APPROVED

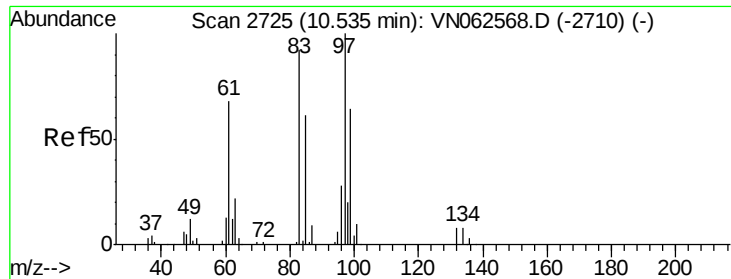
MMDadoda
7/28/2020 1:46:12 PM



#54
cis-1,3-Dichloropropene
Concen: 20.378 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion: 75 Resp: 68563
Ion Ratio Lower Upper
75 100
77 30.1 25.0 37.6
39 53.5 39.8 59.8





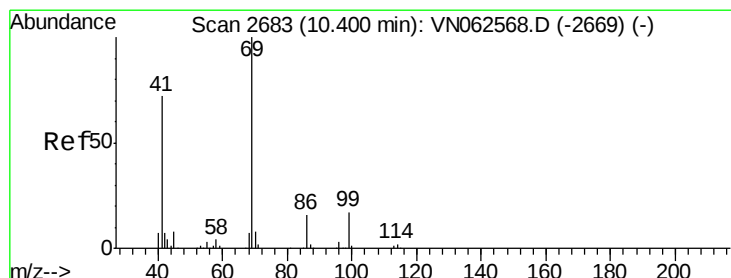
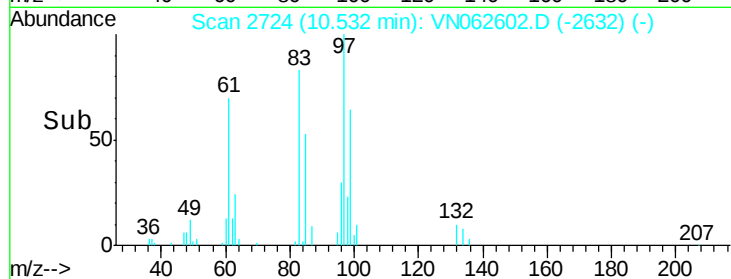
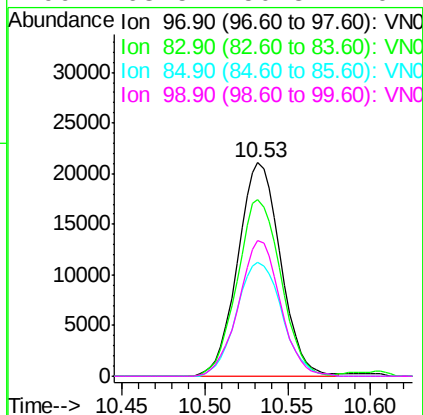
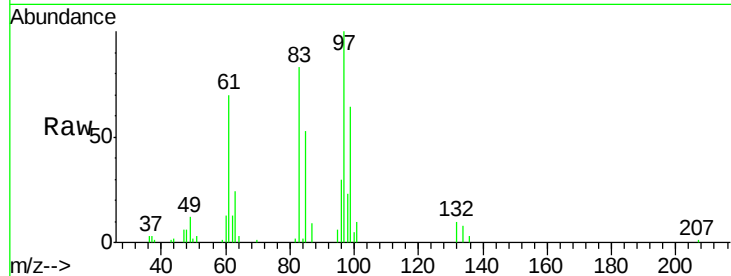
#55
 1,1,2-Trichloroethane
 Concen: 20.996 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion:	97	Resp:	37887
Ion	Ratio	Lower	Upper
97	100		
83	82.9	73.7	110.5
85	53.1	48.5	72.7
99	63.5	50.8	76.2

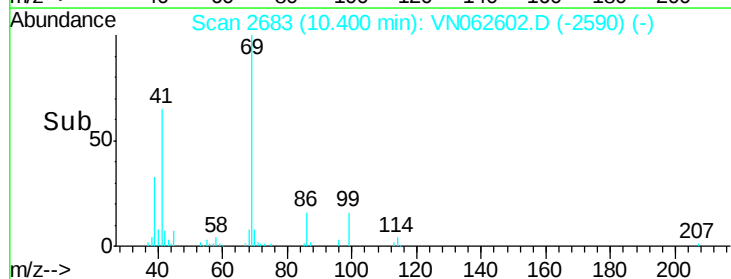
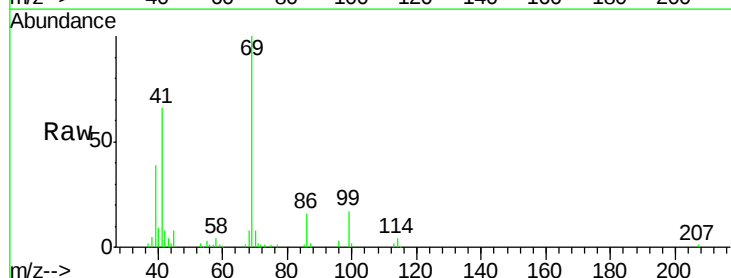
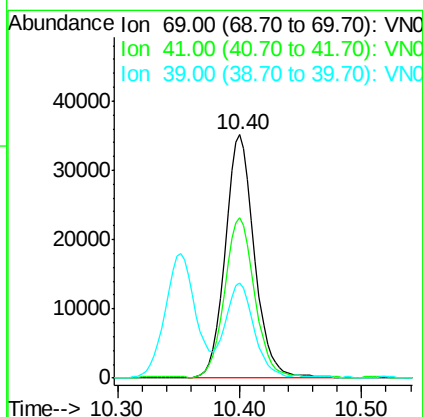
Manual Integrations
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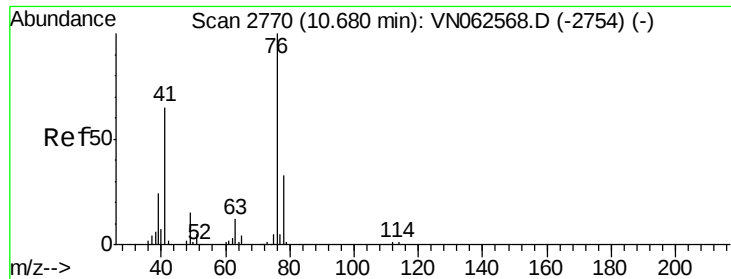
MMDadoda
 7/28/2020 1:46:12 PM



#56
 Ethyl methacrylate
 Concen: 19.296 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion:	69	Resp:	58874
Ion	Ratio	Lower	Upper
69	100		
41	68.4	57.2	85.8
39	38.9	28.6	43.0





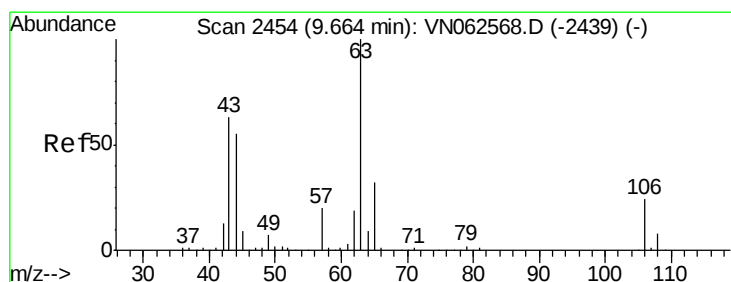
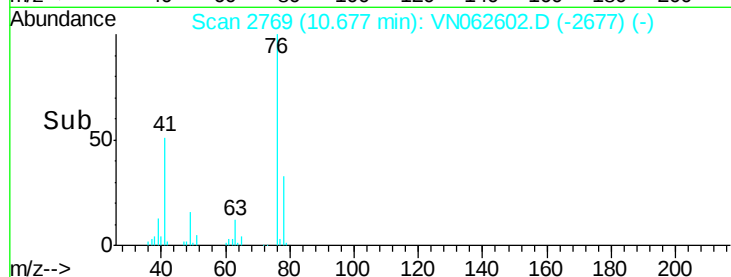
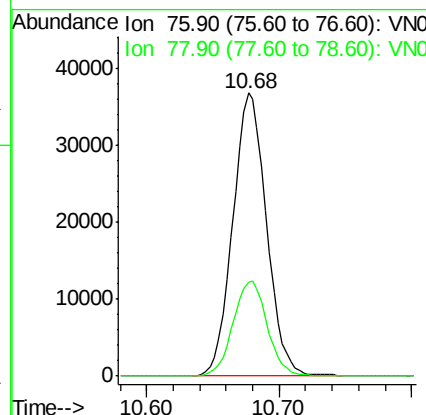
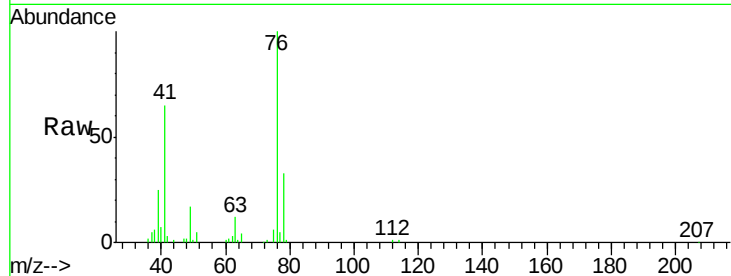
#57
 1,3-Dichloropropane
 Concen: 19.660 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion: 76 Resp: 64994
 Ion Ratio Lower Upper
 76 100
 78 34.0 26.3 39.5

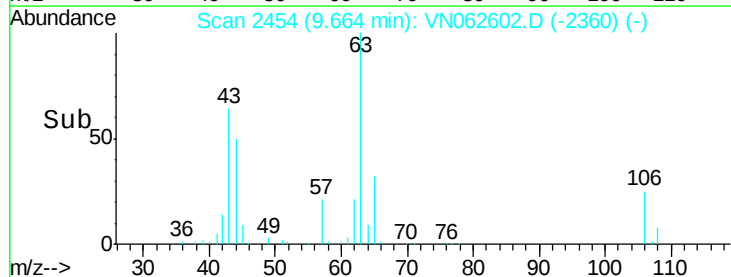
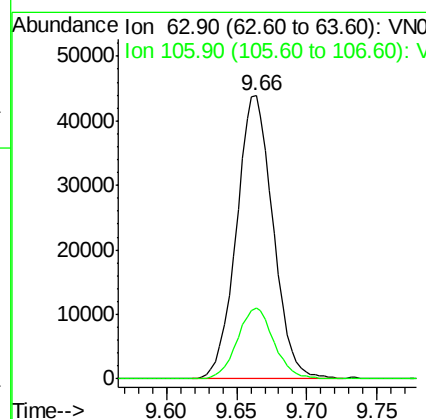
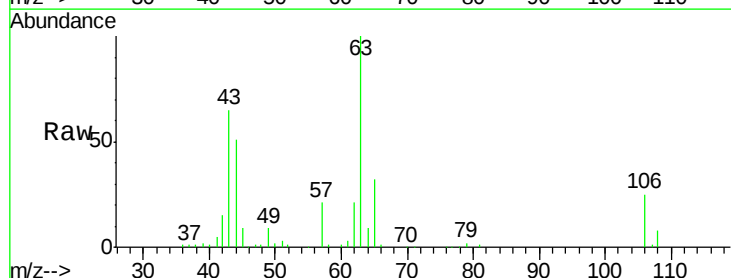
Manual Integrations
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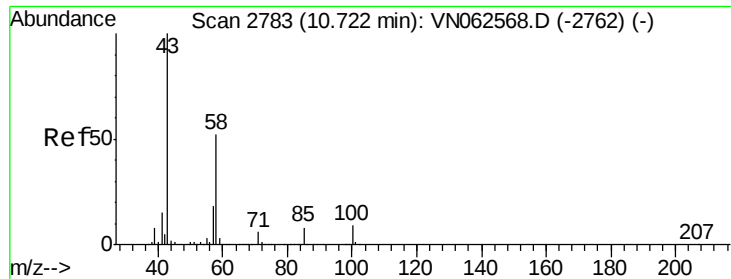
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 92.877 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion: 63 Resp: 79719
 Ion Ratio Lower Upper
 63 100
 106 25.0 18.9 28.3





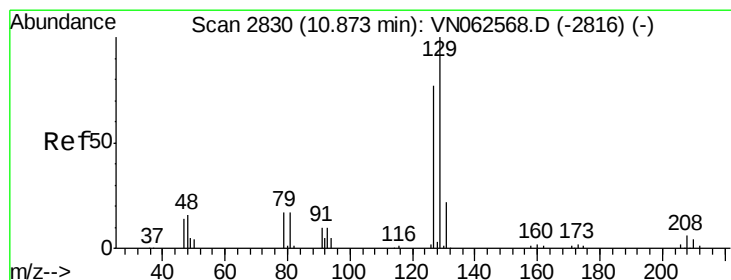
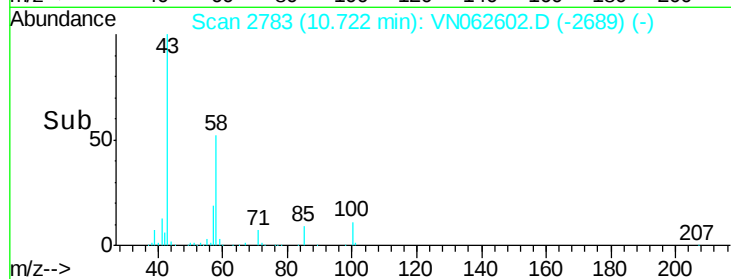
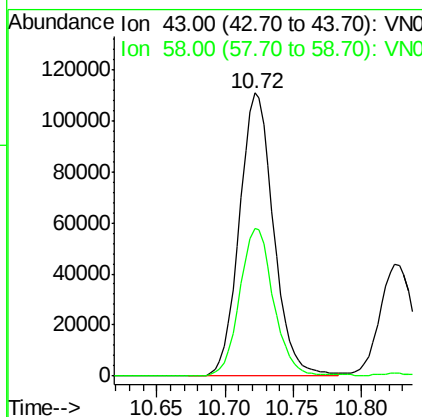
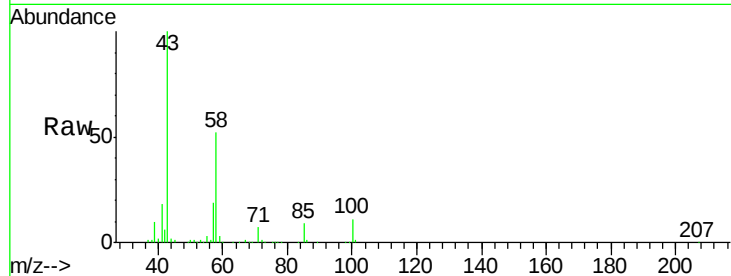
#59
2-Hexanone
Concen: 92.588 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion: 43 Resp: 193006
Ion Ratio Lower Upper
43 100
58 52.0 26.0 78.0

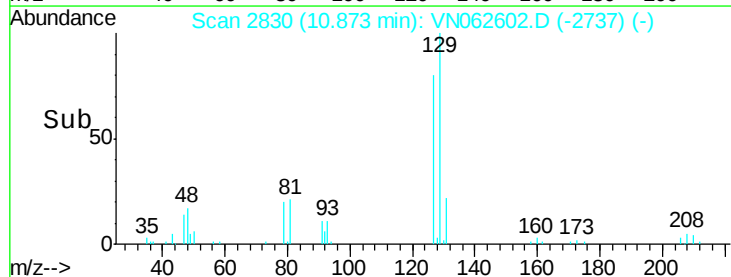
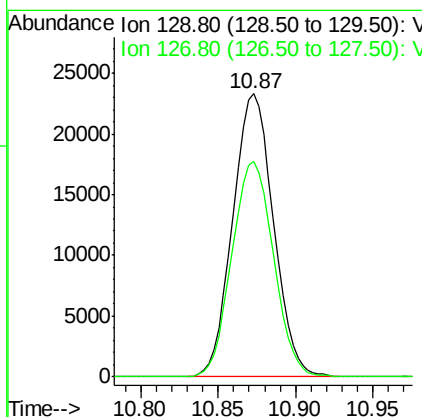
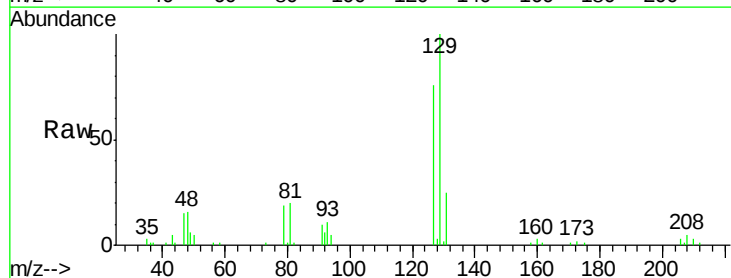
Manual Integrations
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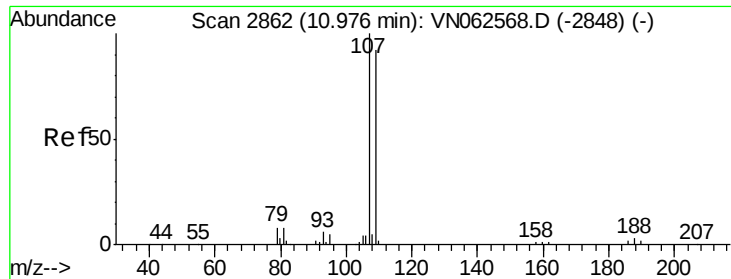
MMDadoda
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#60
Dibromochloromethane
Concen: 21.227 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion: 129 Resp: 42732
Ion Ratio Lower Upper
129 100
127 77.8 38.0 113.9





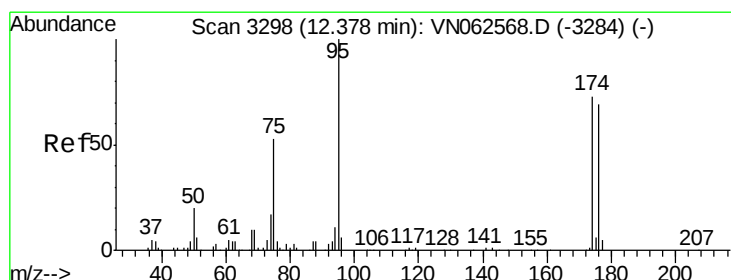
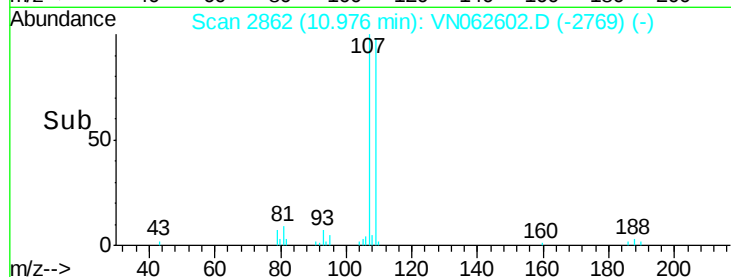
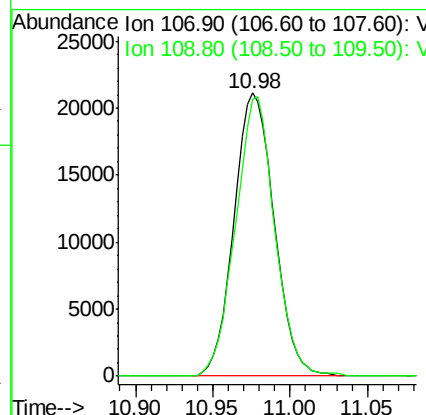
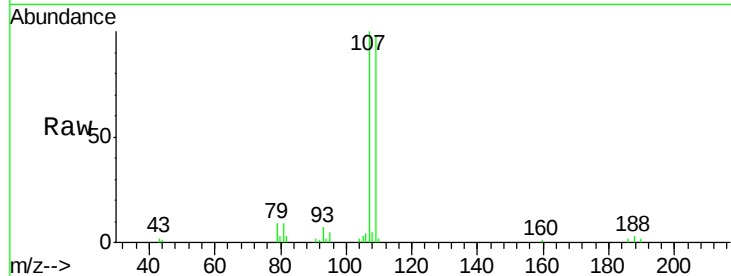
#61
 1,2-Dibromoethane
 Concen: 20.253 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.4	73.8	110.6

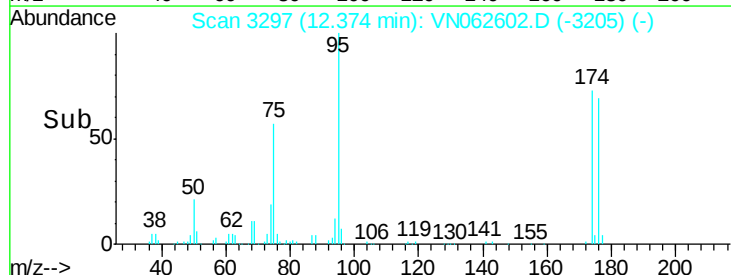
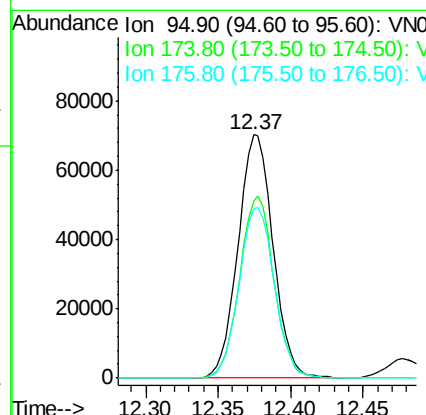
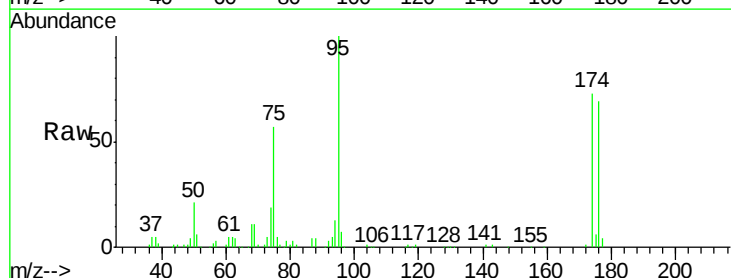
Manual Integrations
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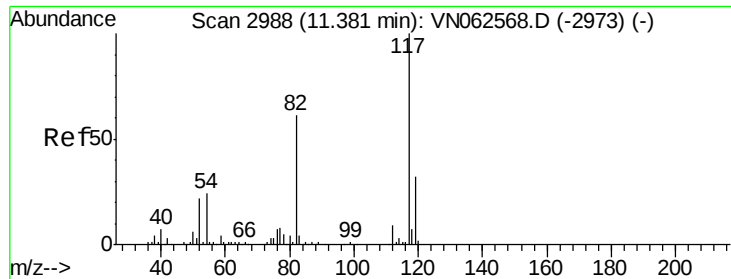
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 49.579 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
95	100		
174	73.4	0.0	144.6
176	70.9	0.0	139.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2988

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

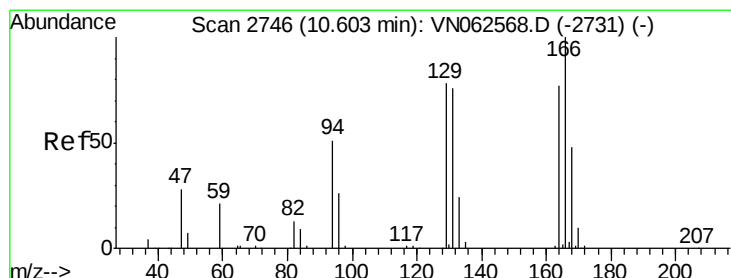
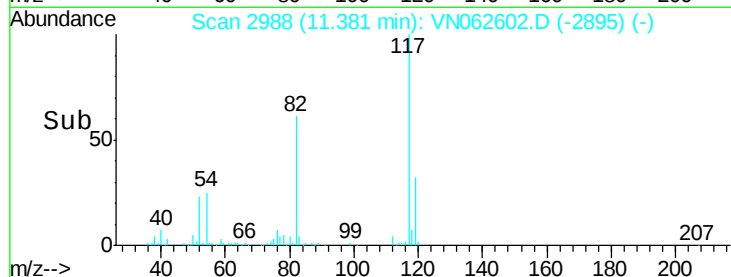
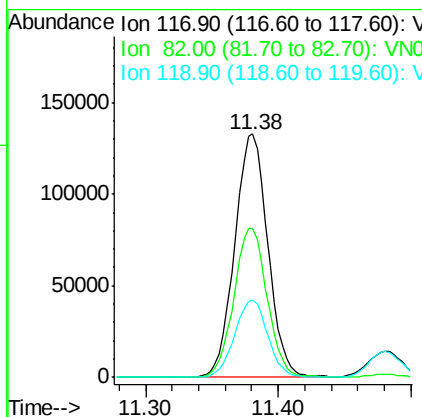
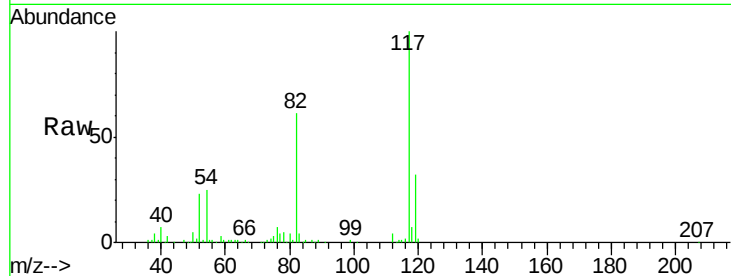
ClientSampleId :

VN0727WBSD01

Tot Ion:	117	Resp:	230320
Ion Ratio	Lower	Upper	
117	100		
82	60.9	49.0	73.6
119	31.8	25.4	38.2

Manual Integrations
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#64

Tetrachloroethene

Concen: 21.381 ug/l

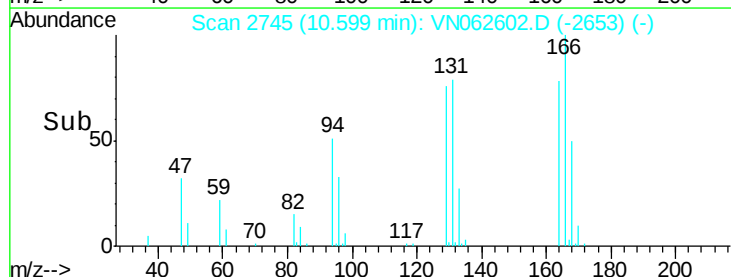
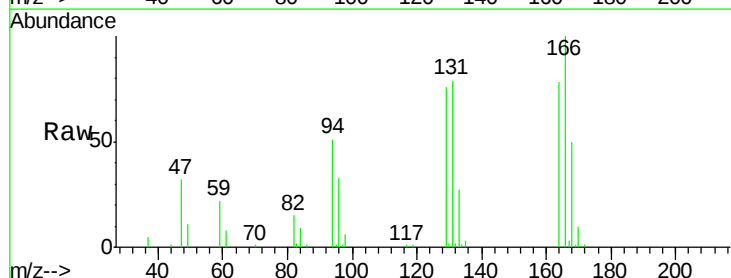
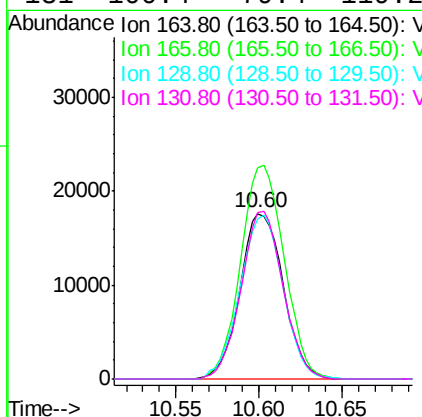
RT: 10.60 min Scan# 2745

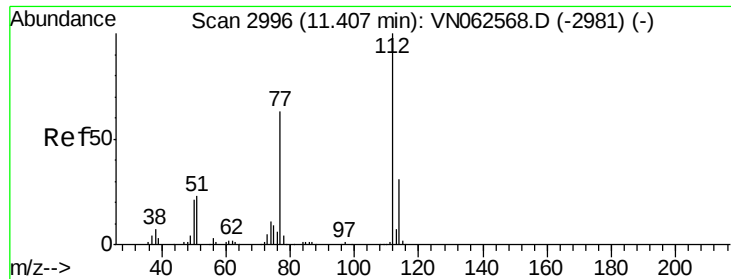
Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Tgt Ion:	164	Resp:	31996
Ion Ratio	Lower	Upper	
164	100		
166	127.8	104.4	156.6
129	96.7	81.0	121.4
131	100.4	79.4	119.2





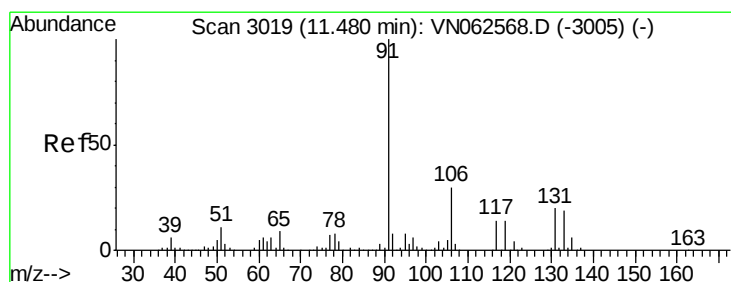
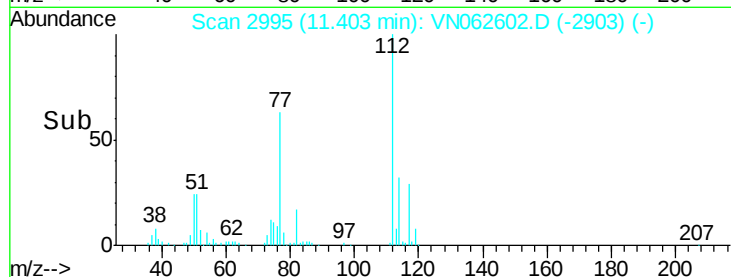
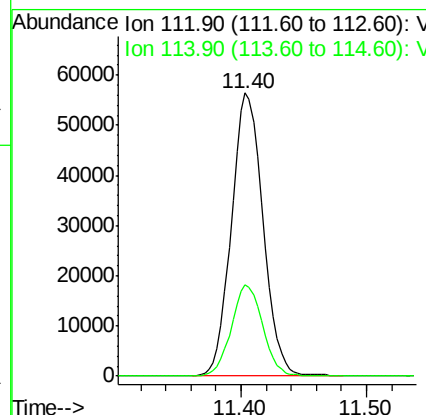
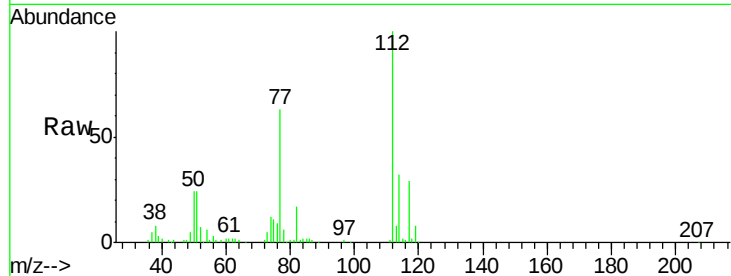
#65
Chlorobenzene
Concen: 20.437 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion:112 Resp: 98680
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7

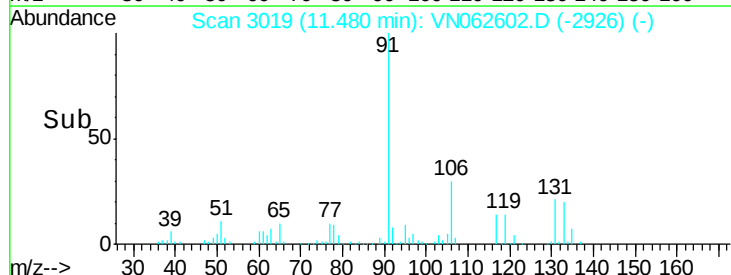
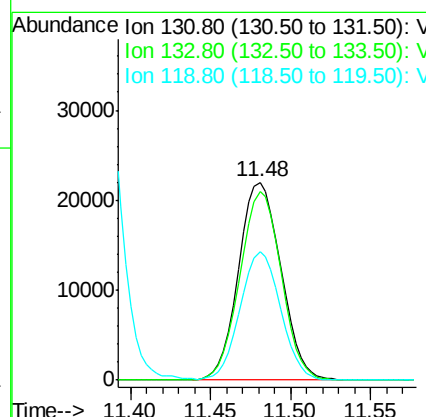
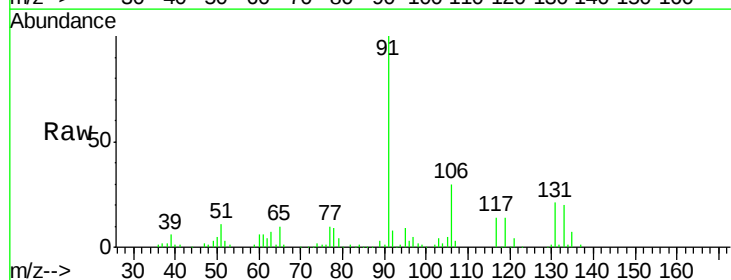
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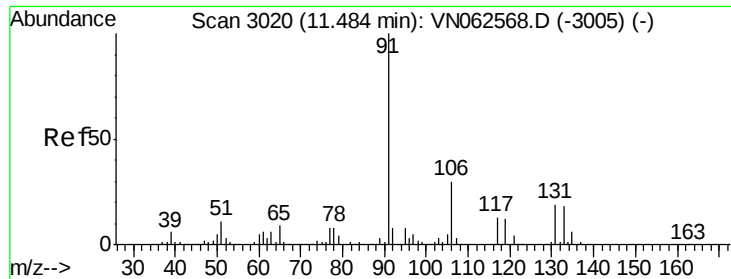
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.905 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion:131 Resp: 39789
Ion Ratio Lower Upper
131 100
133 92.9 47.3 142.0
119 61.8 33.7 101.0





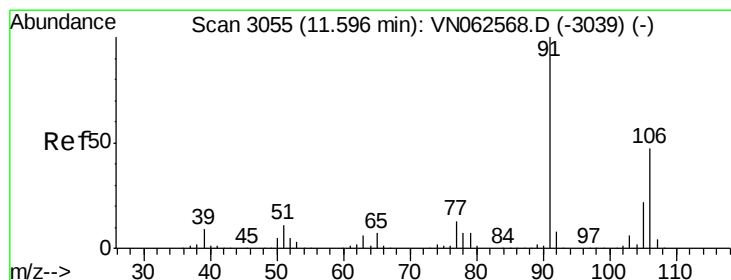
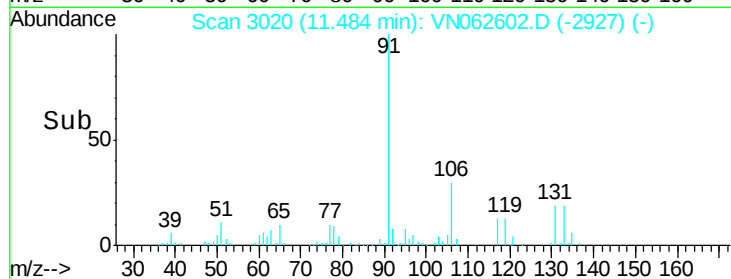
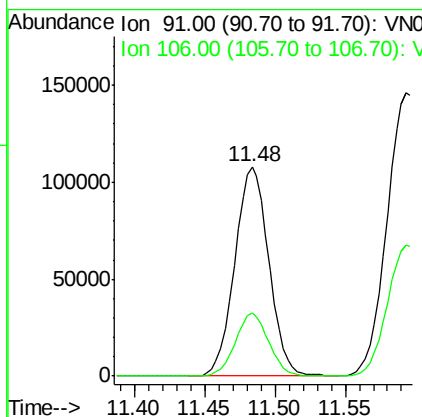
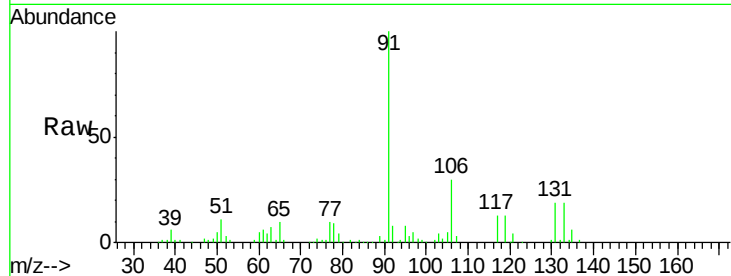
#67
Ethyl Benzene
Concen: 20.633 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion: 91 Resp: 182671
Ion Ratio Lower Upper
91 100
106 29.9 23.8 35.8

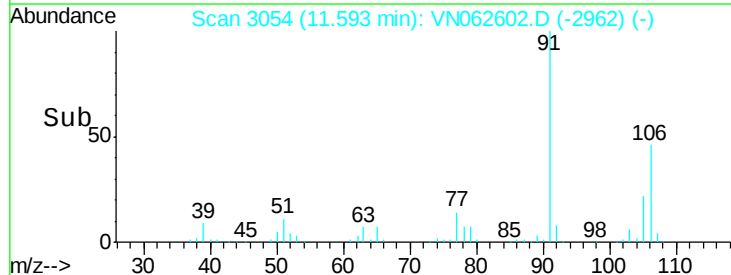
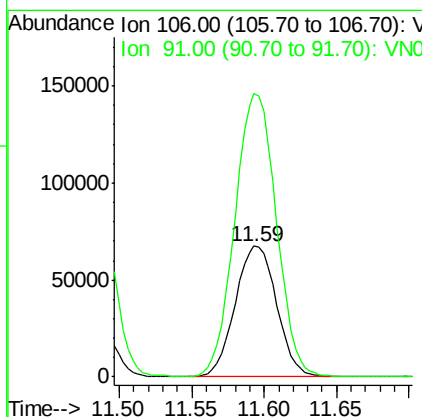
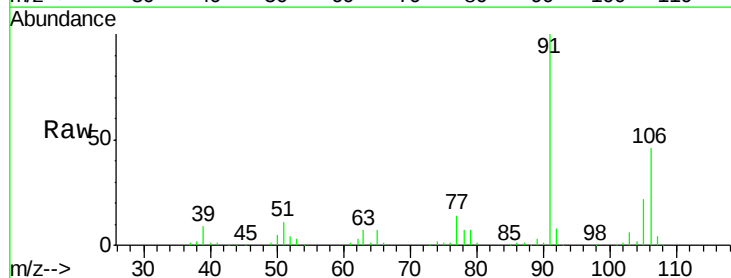
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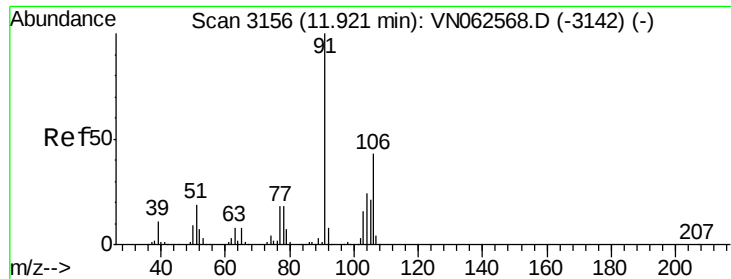
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#68
m/p-Xylenes
Concen: 42.188 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion: 106 Resp: 134245
Ion Ratio Lower Upper
106 100
91 217.2 171.4 257.2





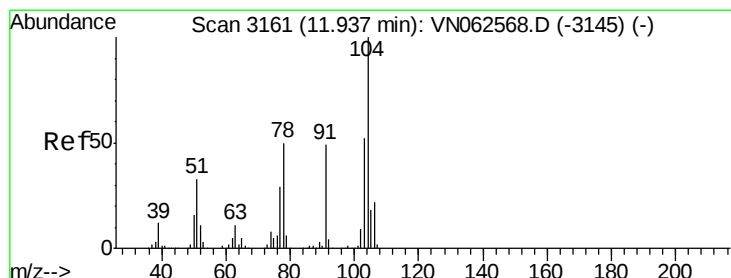
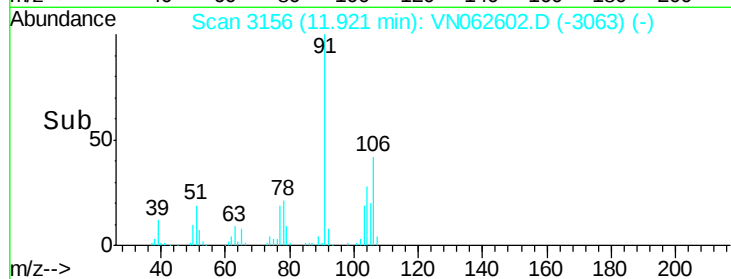
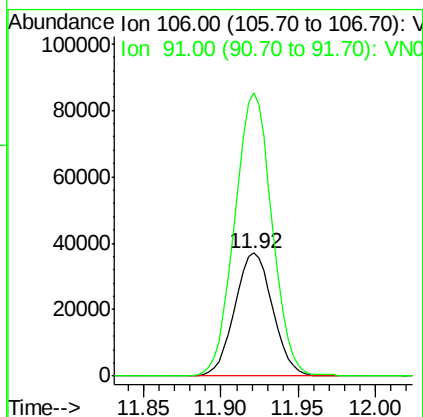
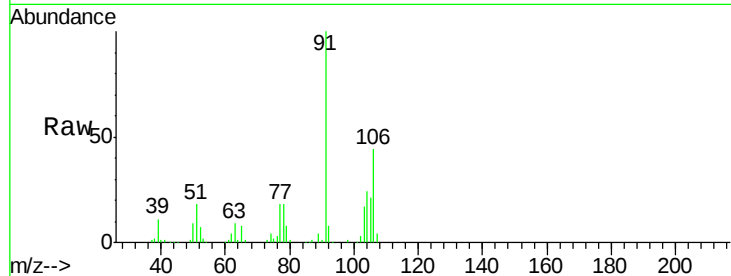
#69
o-Xylene
Concen: 20.915 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	226.5	113.8	341.2	

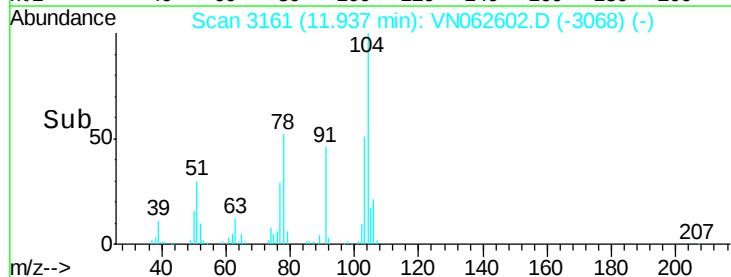
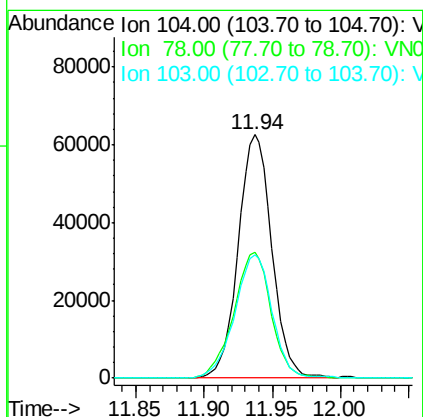
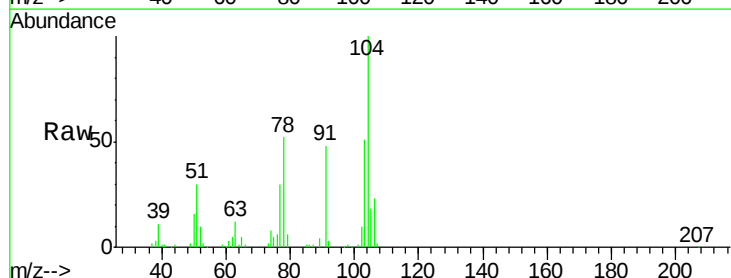
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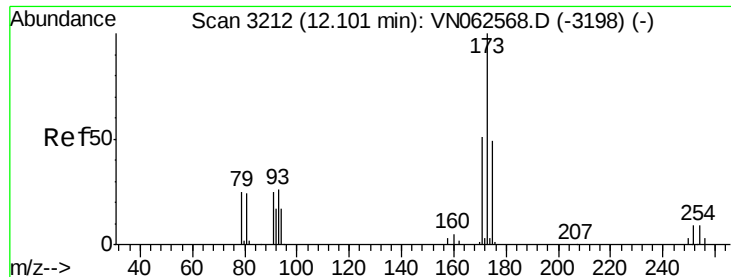
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#70
Styrene
Concen: 20.990 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	57.3	43.8	65.6	
103	56.4	44.0	66.0	





#71

Bromoform

Concen: 22.232 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

Tot Ion:173 Resp: 30322

Ion Ratio Lower Upper

173 100

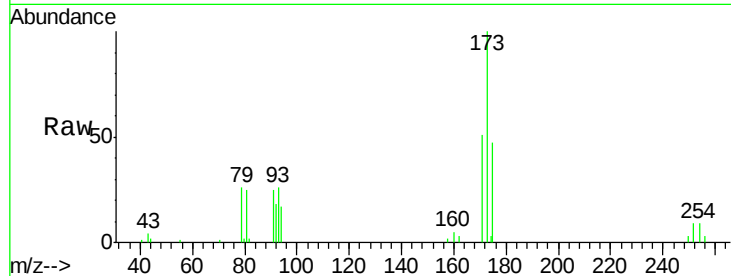
175 47.6 24.1 72.2

254 0.0 0.0 0.0

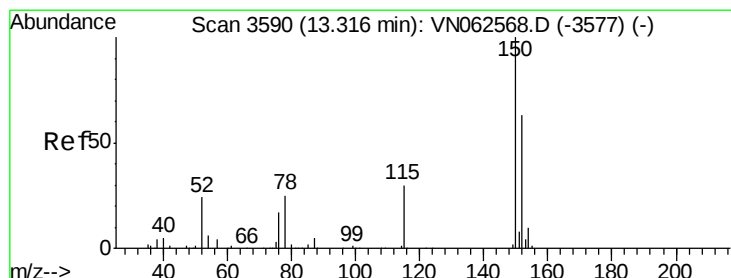
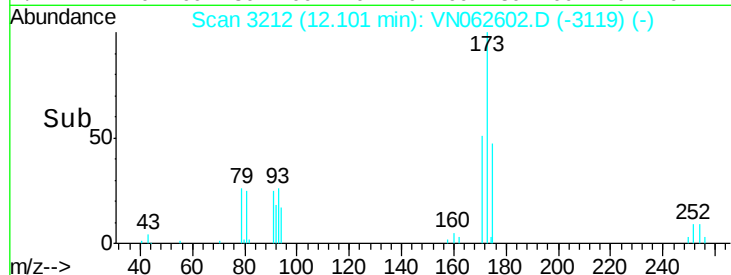
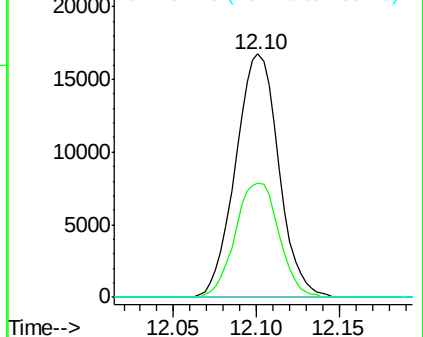
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

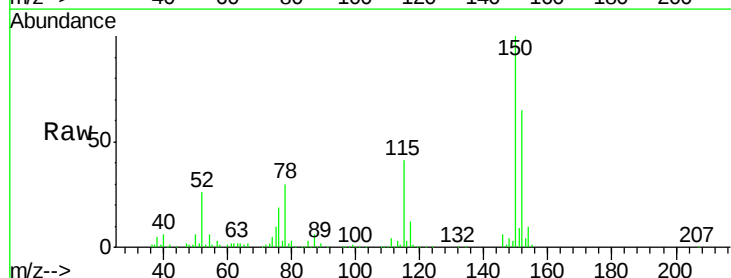
Tgt Ion:152 Resp: 110926

Ion Ratio Lower Upper

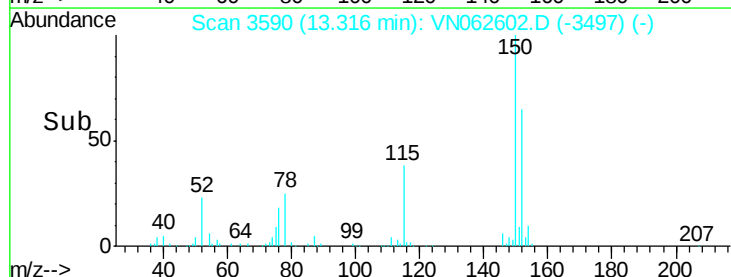
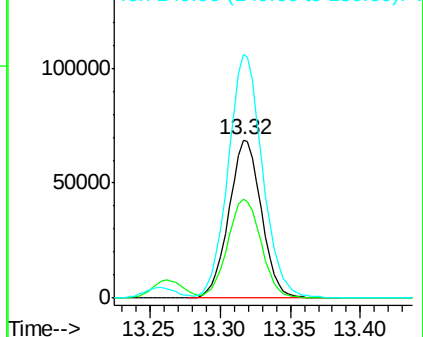
152 100

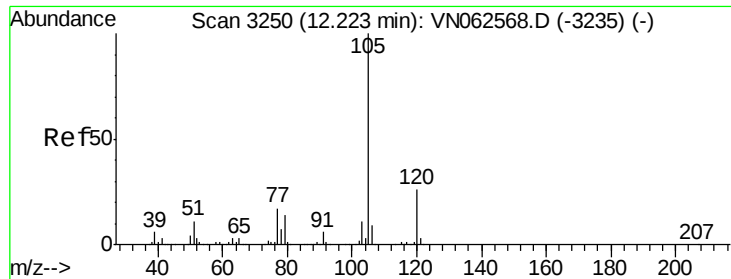
115 64.4 31.8 95.4

150 162.2 0.0 351.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.871 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

Tot Ion: 105 Resp: 174288

Ion Ratio Lower Upper

105 100

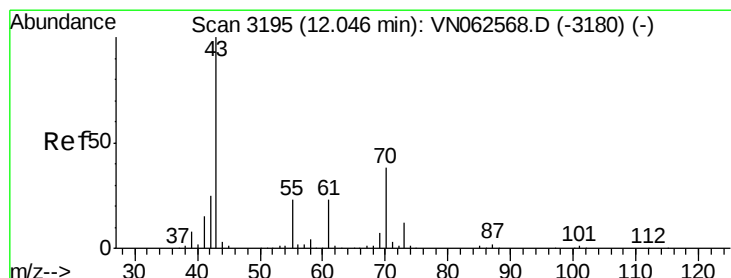
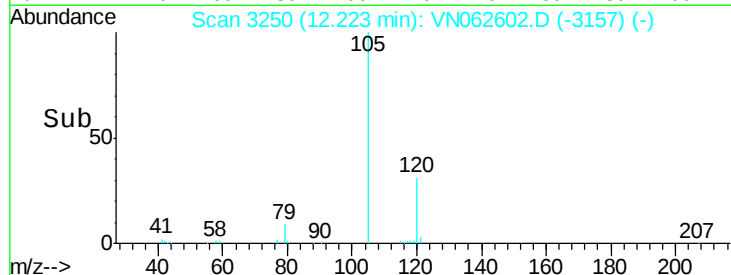
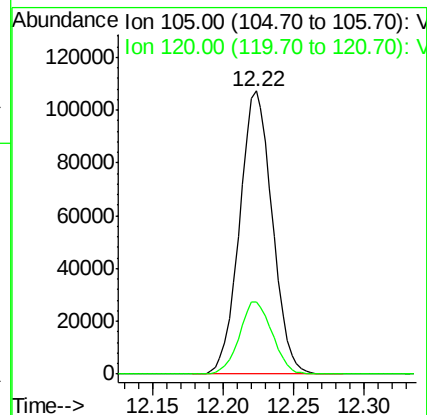
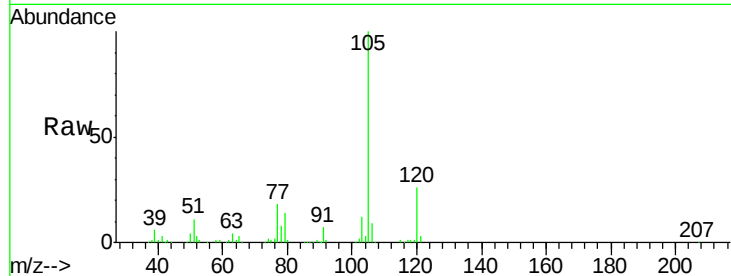
120 25.7 12.8 38.4

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#74

N-ethyl acetate

Concen: 18.555 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Tgt Ion: 43 Resp: 72681

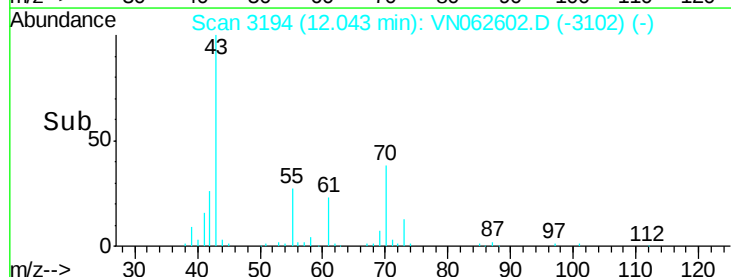
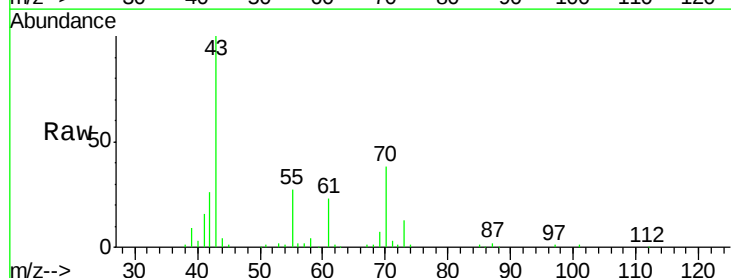
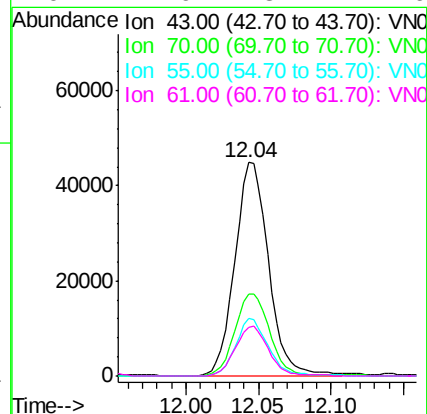
Ion Ratio Lower Upper

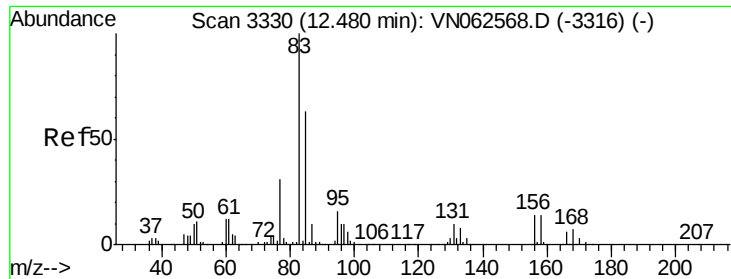
43 100

70 39.7 30.5 45.7

55 25.9 19.0 28.6

61 22.9 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 17.701 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

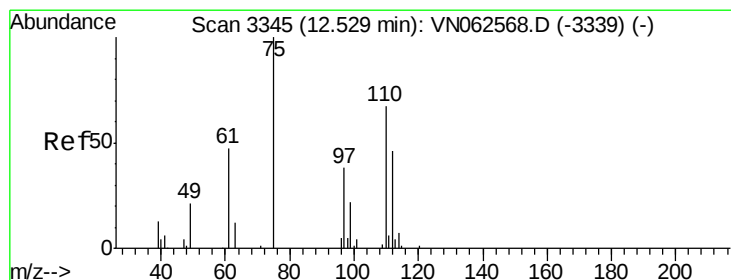
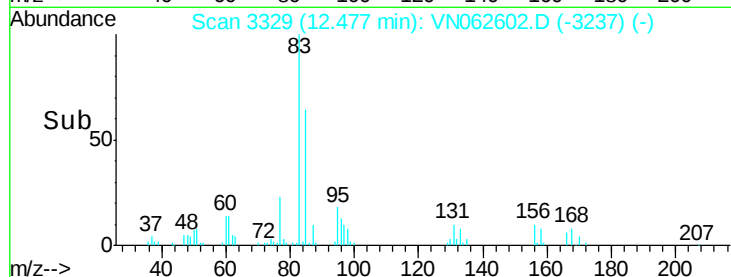
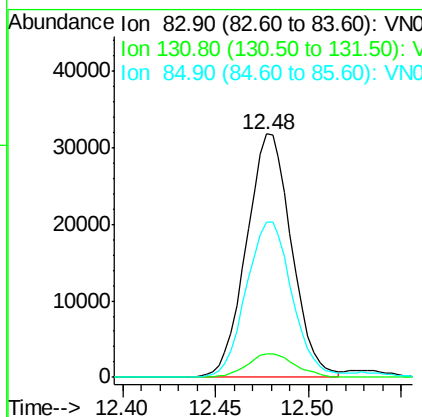
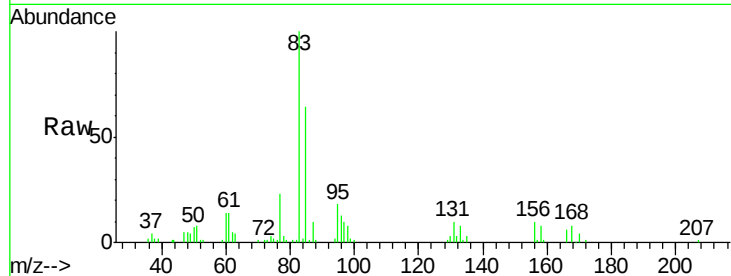
ClientSampleId :

VN0727WBSD01

Tot Ion:	83	Resp:	53951
Ion Ratio	Lower	Upper	
83	100		
131	10.3	4.8	14.3
85	64.9	31.8	95.4

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 19.306 ug/l m

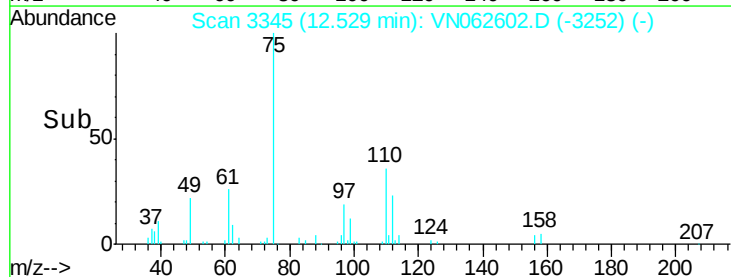
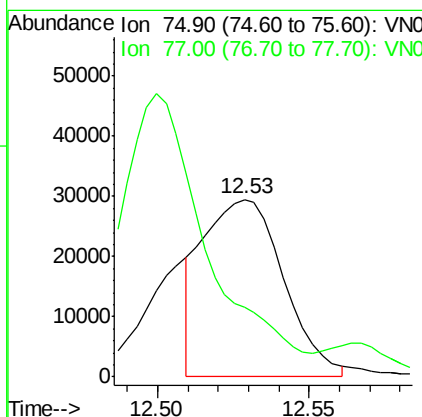
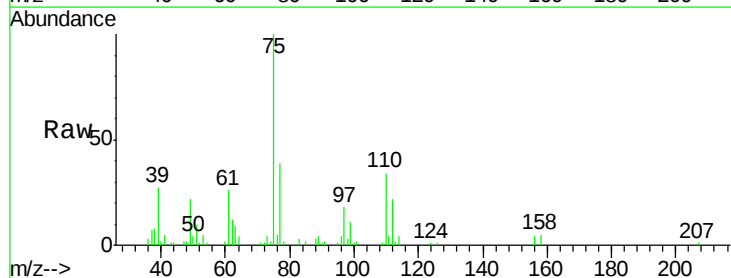
RT: 12.53 min Scan# 3345

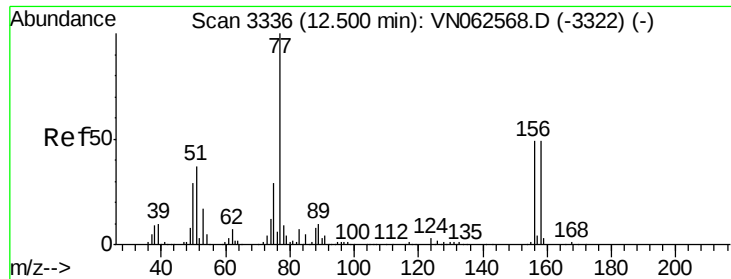
Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Tgt Ion:	75	Resp:	54509
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 19.334 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

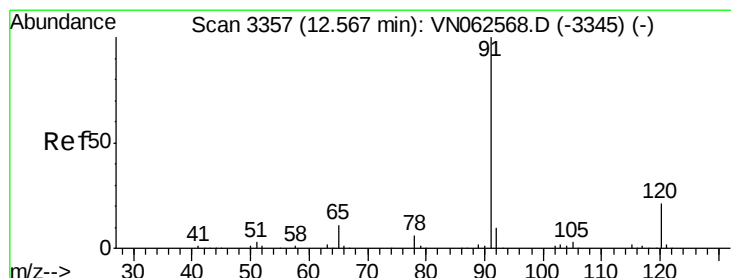
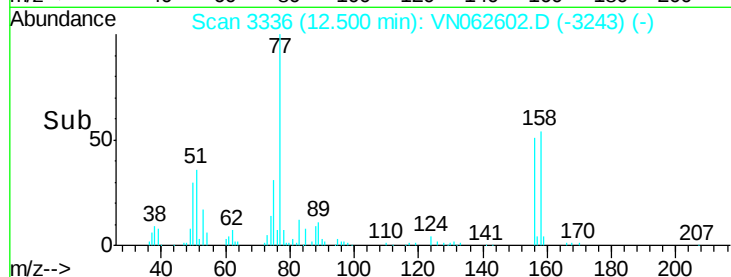
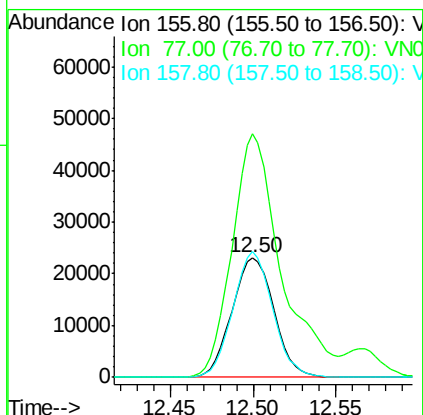
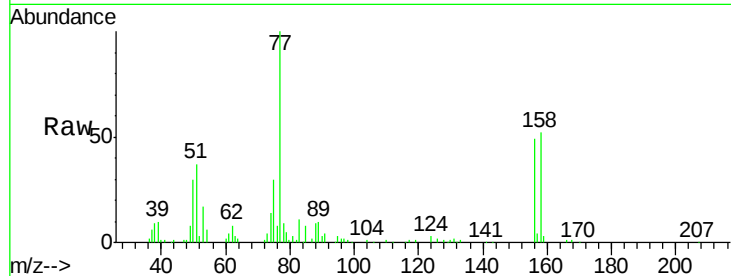
ClientSampleId :

VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	237.7	122.8	368.3
158	99.1	49.4	148.0

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#78

n-propylbenzene

Concen: 19.931 ug/l

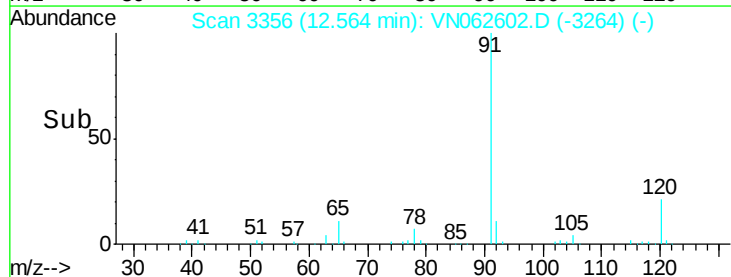
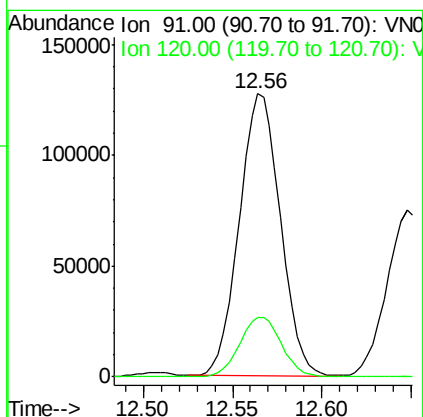
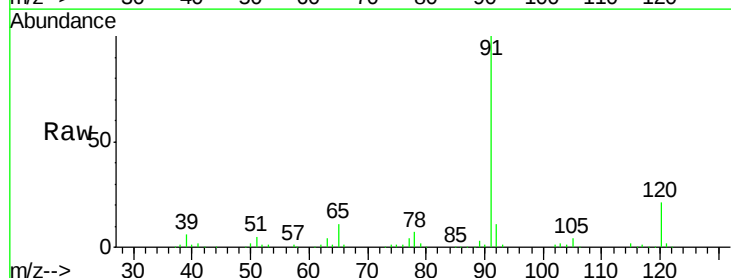
RT: 12.56 min Scan# 3356

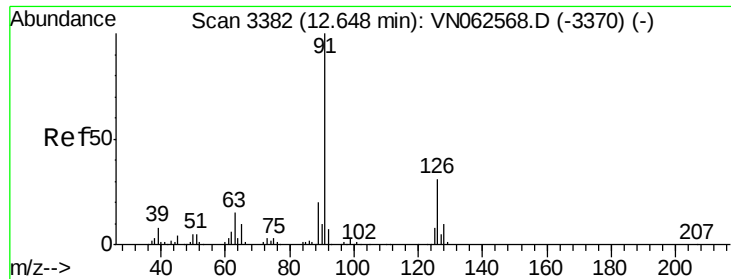
Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
91	100		
120	21.6	10.9	32.6





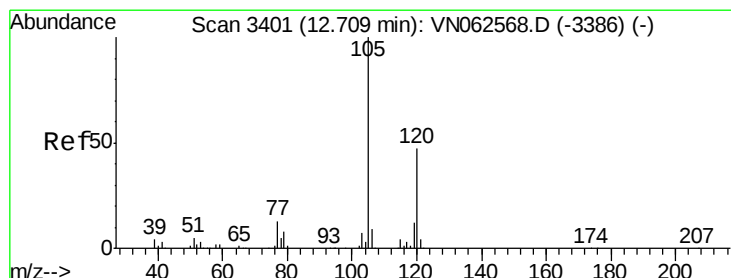
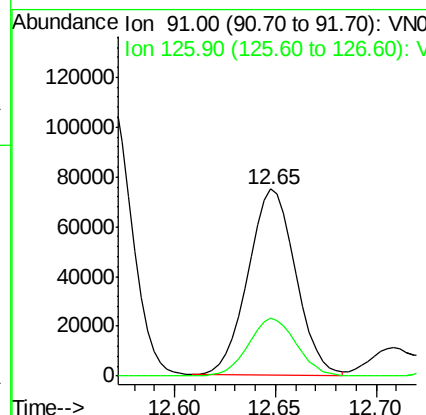
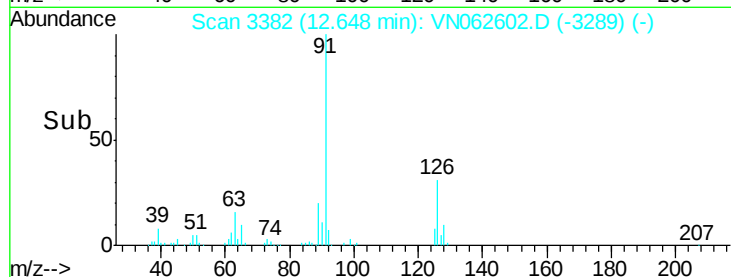
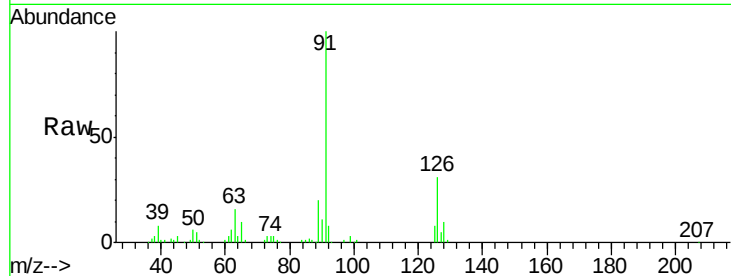
#79
 2-Chlorotoluene
 Concen: 19.447 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
126	31.6	15.9	47.6

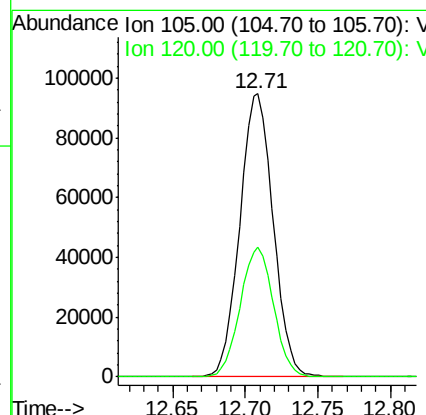
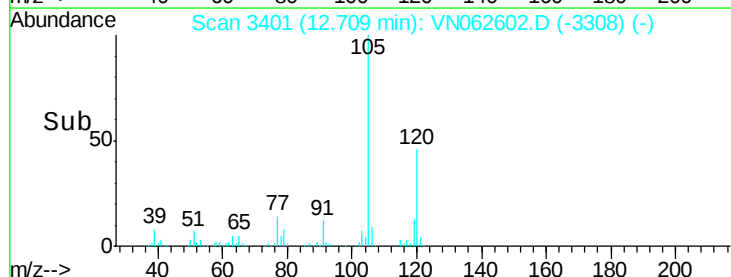
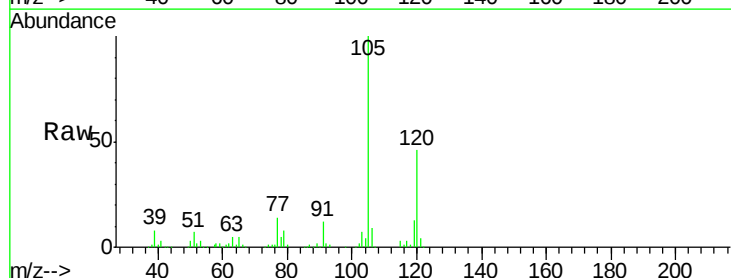
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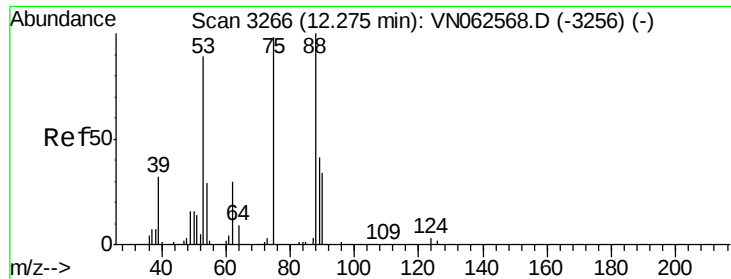
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#80
 1,3,5-Trimethylbenzene
 Concen: 20.835 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.7	23.2	69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 19.052 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

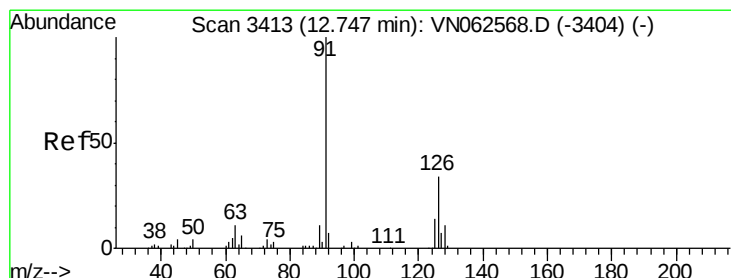
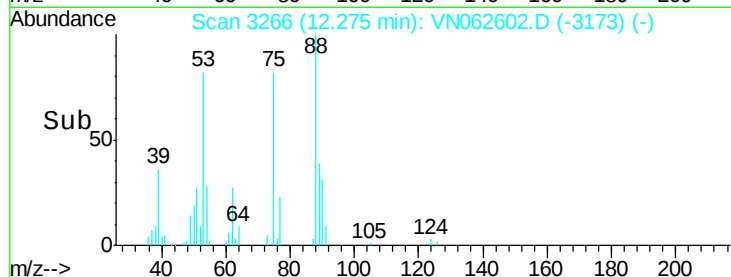
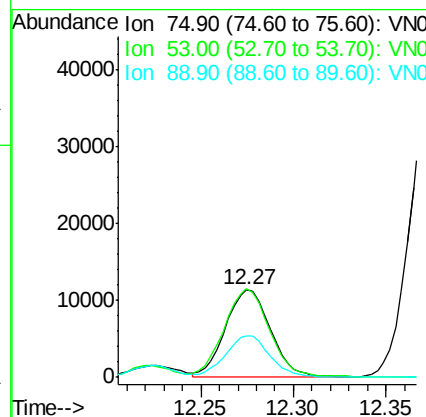
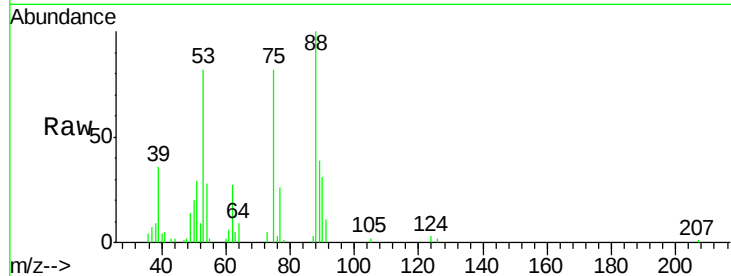
ClientSampleId :

VN0727WBSD01

Tot Ion:	75	Resp:	19324
Ion	Ratio	Lower	Upper
75	100		
53	102.9	75.4	113.0
89	46.9	34.5	51.7

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#82

4-Chlorotoluene

Concen: 19.540 ug/l

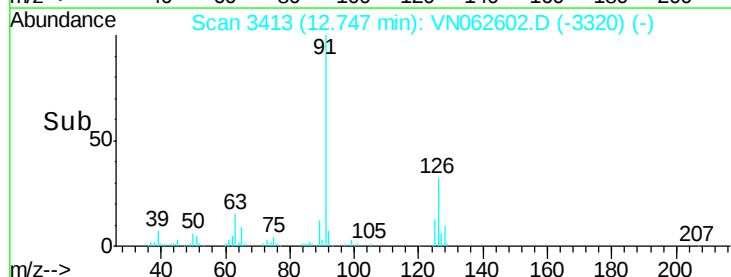
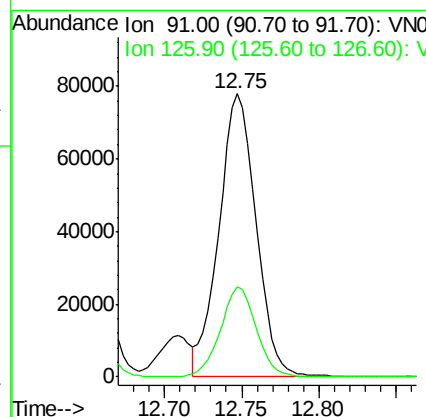
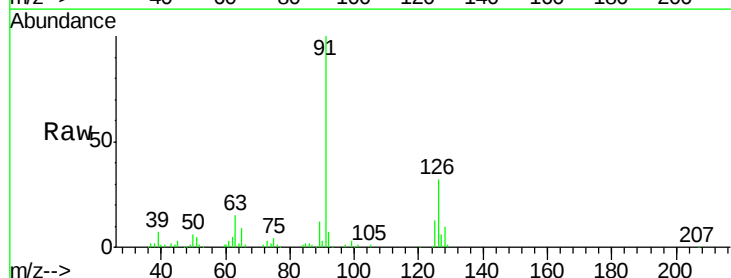
RT: 12.75 min Scan# 3413

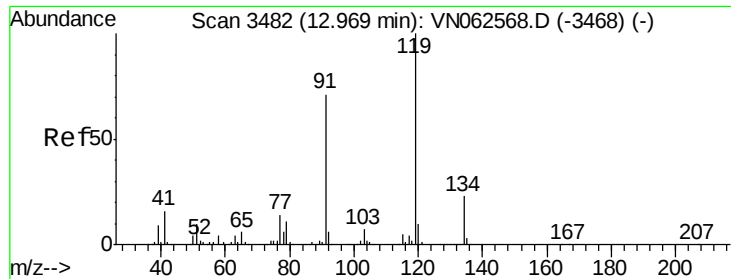
Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Tgt Ion:	91	Resp:	128779
Ion	Ratio	Lower	Upper
91	100		
126	30.9	15.4	46.4





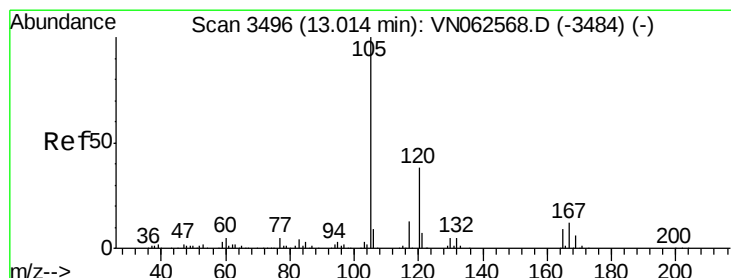
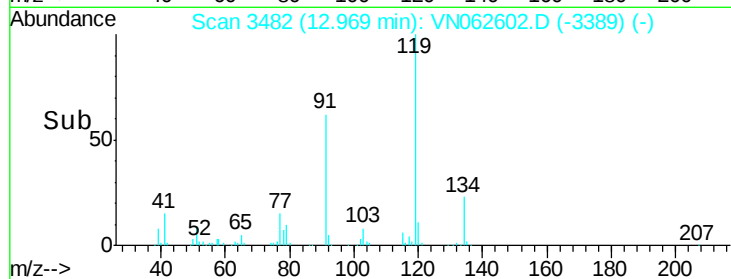
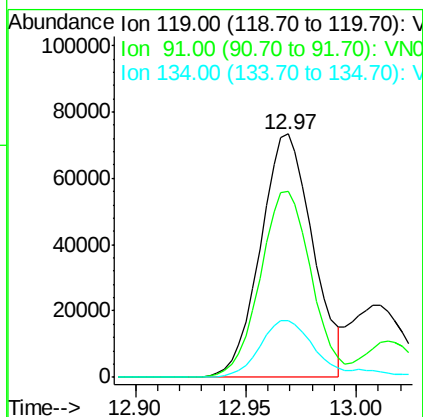
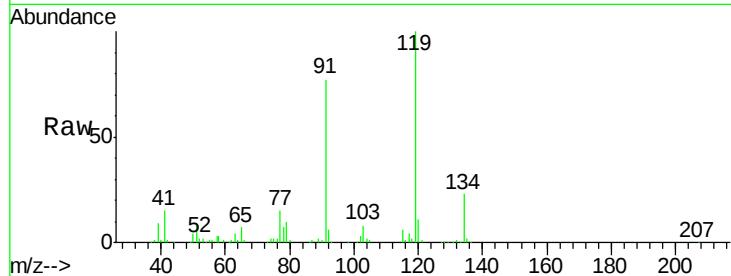
#83
 tert-Butylbenzene
 Concen: 19.948 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	74.6	34.6	103.8
134	23.9	11.5	34.4

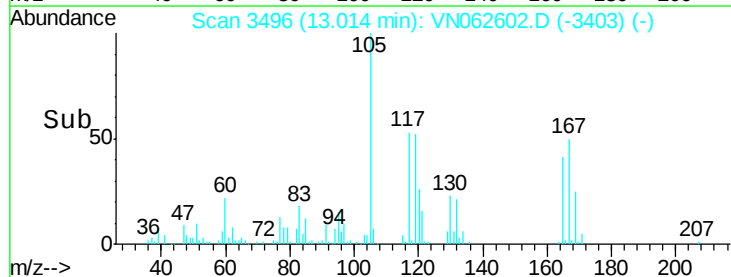
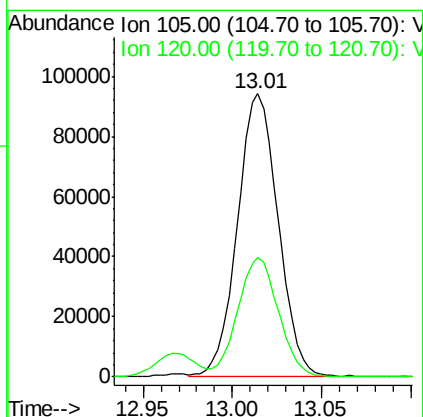
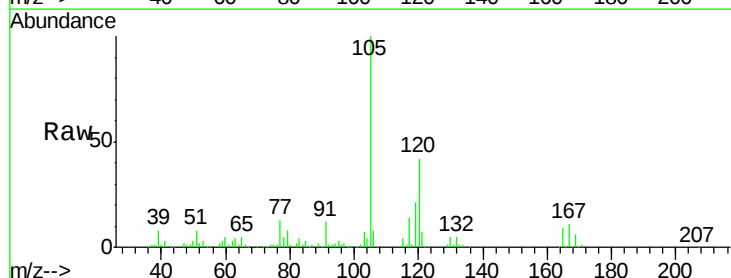
Manual Integrations
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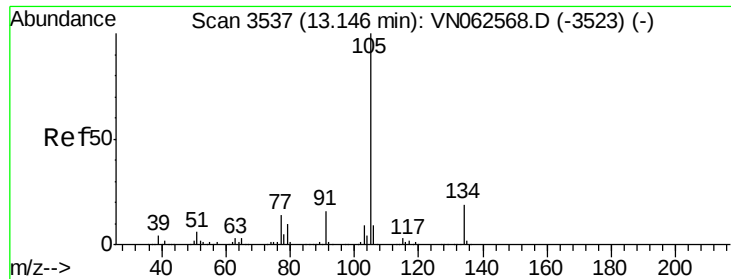
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#84
 1,2,4-Trimethylbenzene
 Concen: 20.841 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.7	22.1	66.3





#85

sec-Butylbenzene

Concen: 20.887 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

VN0727WBSD01

Tot Ion:105 Resp: 168936

Ion Ratio Lower Upper

105 100

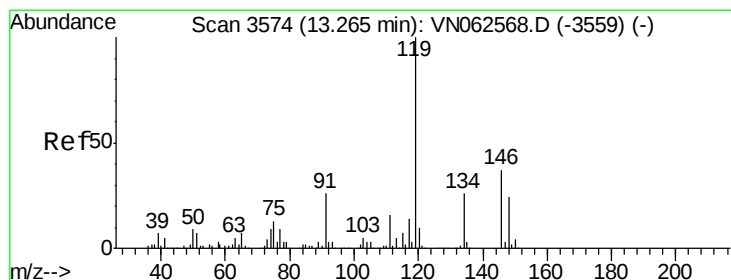
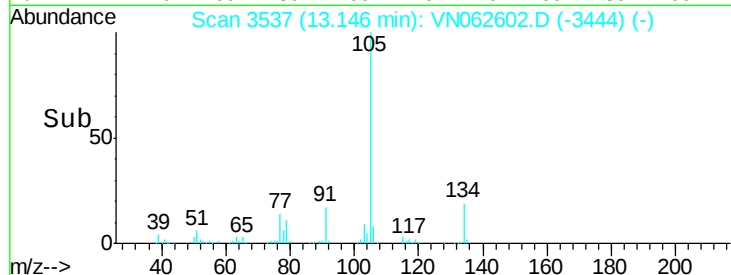
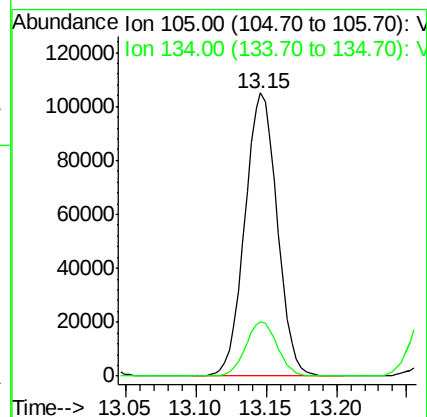
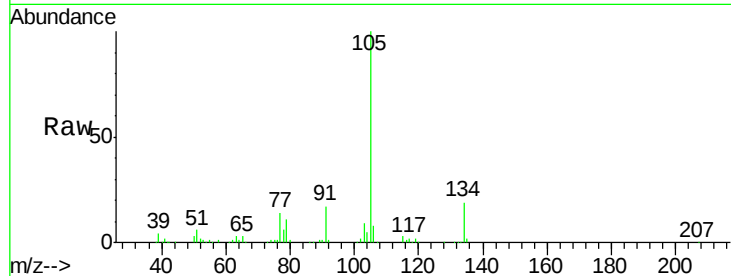
134 18.8 9.5 28.5

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.990 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

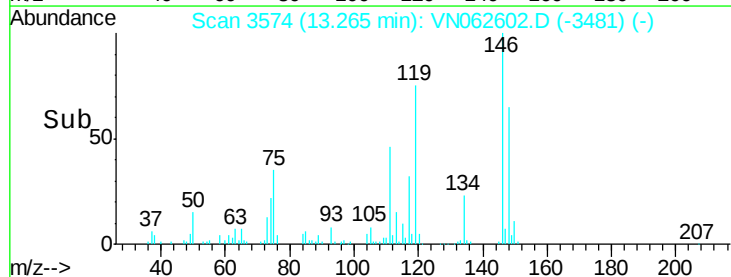
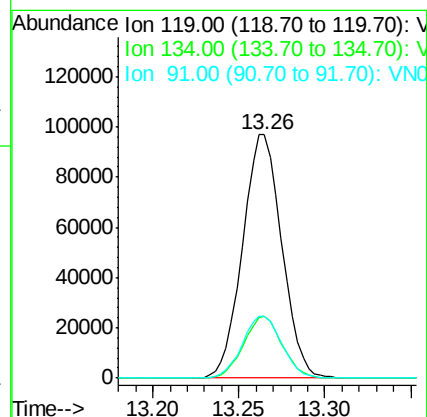
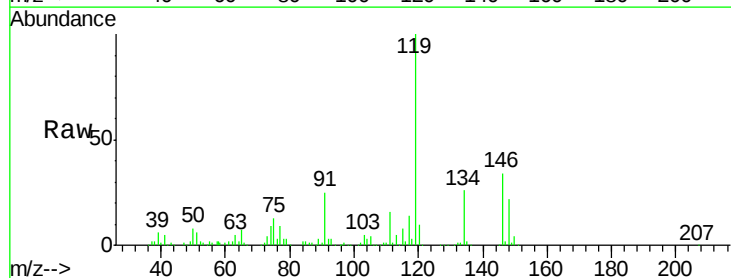
Tgt Ion:119 Resp: 152973

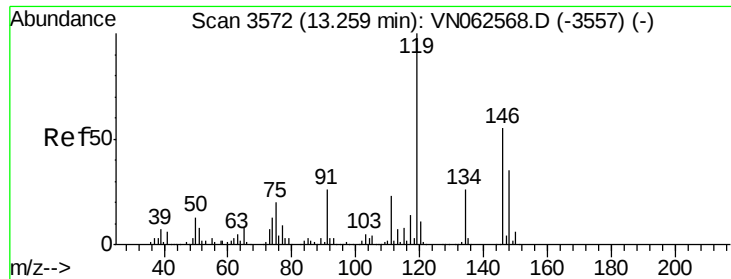
Ion Ratio Lower Upper

119 100

134 24.9 12.8 38.4

91 25.8 12.7 38.1





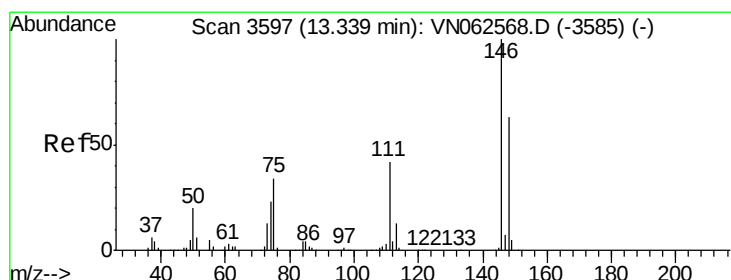
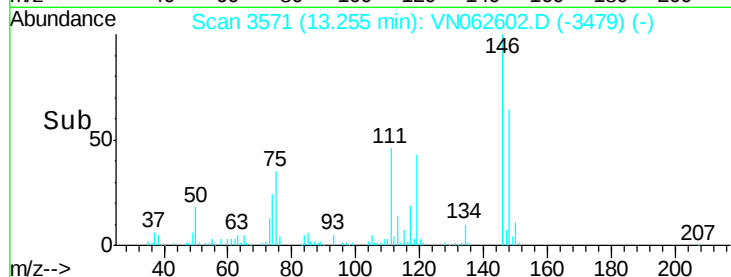
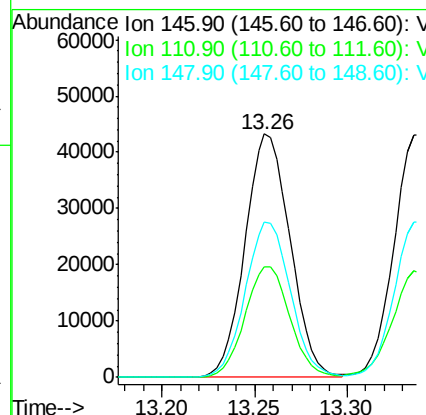
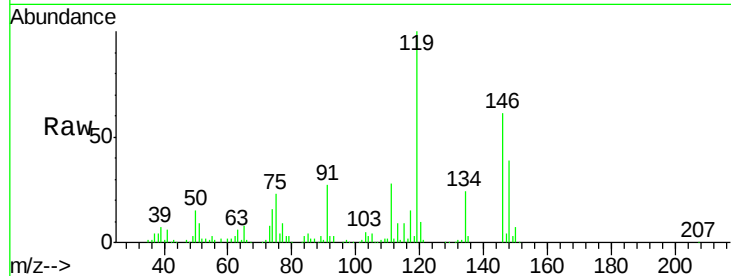
#87
 1,3-Dichlorobenzene
 Concen: 19.750 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.6	64.6
148	63.9	31.8	95.4

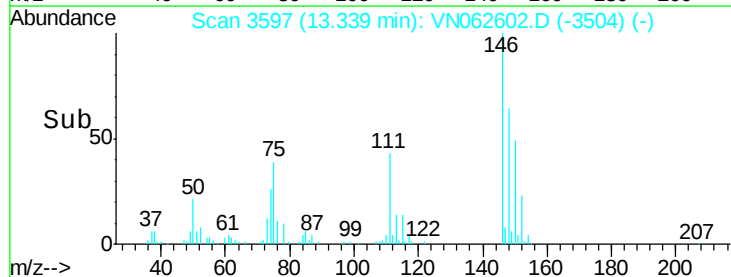
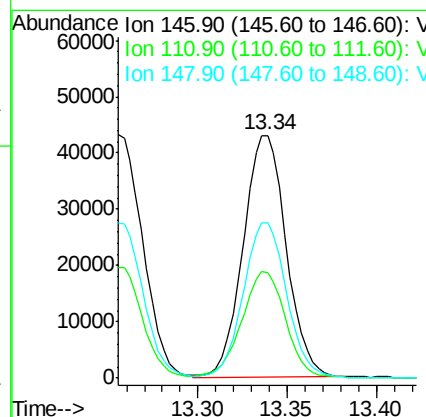
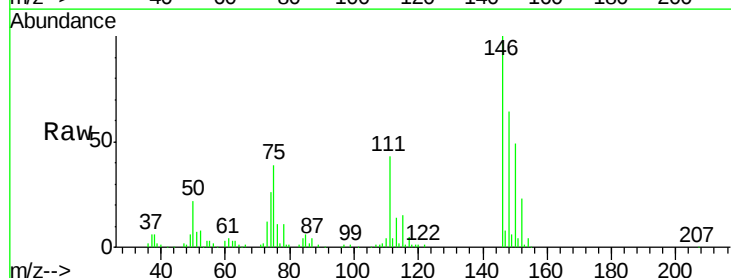
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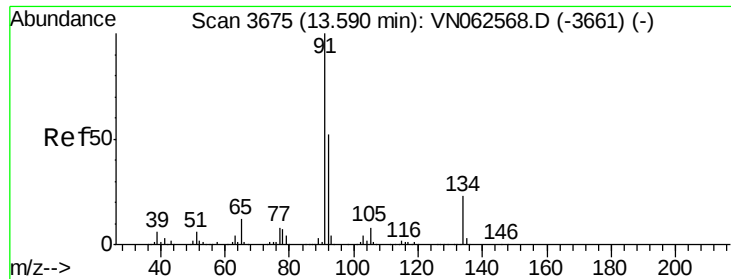
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#88
 1,4-Dichlorobenzene
 Concen: 19.775 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	45.3	21.1	63.1
148	65.4	31.6	94.8





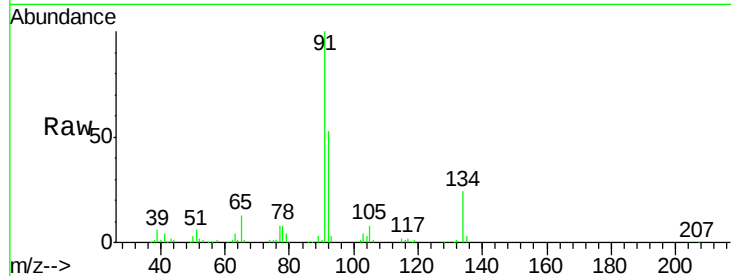
#89
n-Butylbenzene
Concen: 20.900 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.1	25.8	77.3
134	24.4	11.8	35.3

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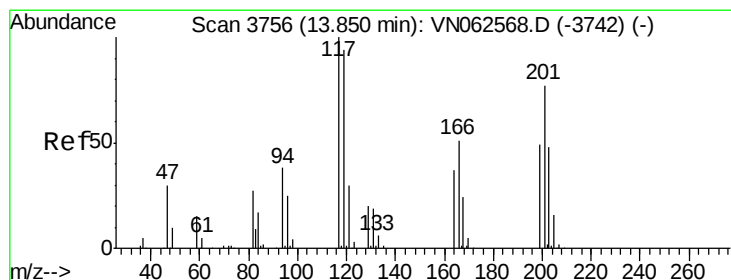
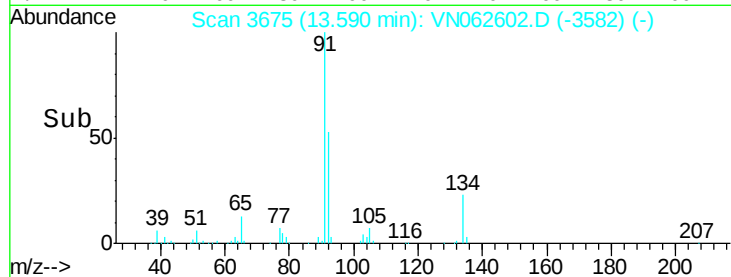
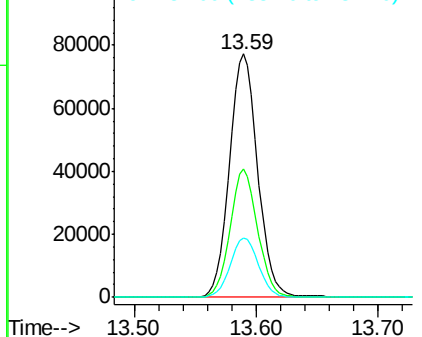


Abundance

Ion 91.00 (90.70 to 91.70): VN062602.D (-3582) (-)

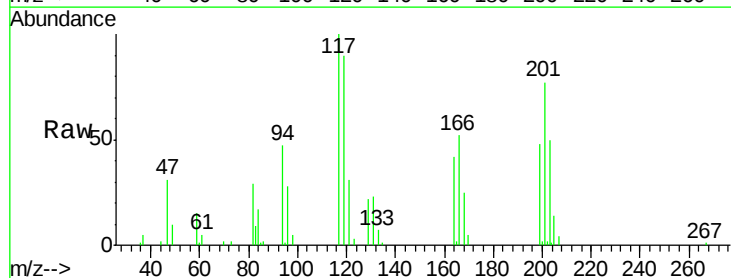
Ion 92.00 (91.70 to 92.70): VN062602.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN062602.D (-3582) (-)



#90
Hexachloroethane
Concen: 19.417 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062602.D
Acq: 27 Jul 2020 16:48

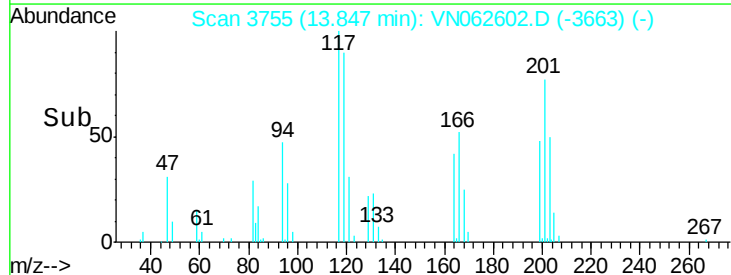
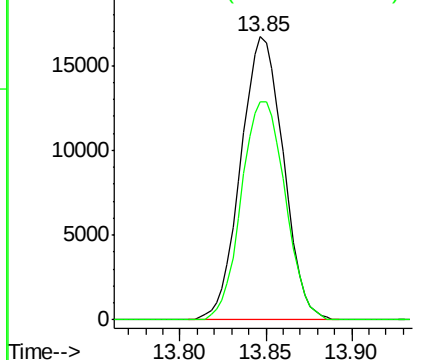
Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.0	39.2	117.6

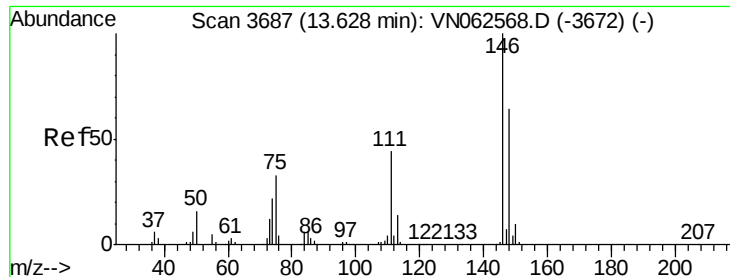


Abundance

Ion 116.80 (116.50 to 117.50): VN062602.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN062602.D (-3663) (-)





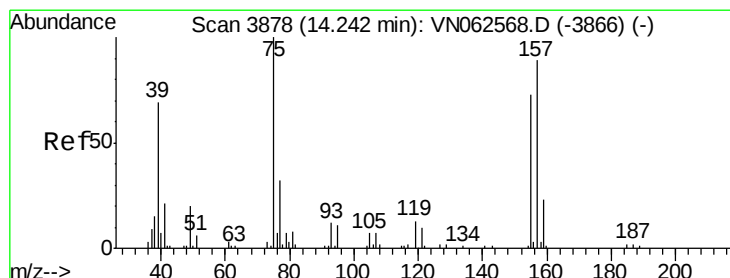
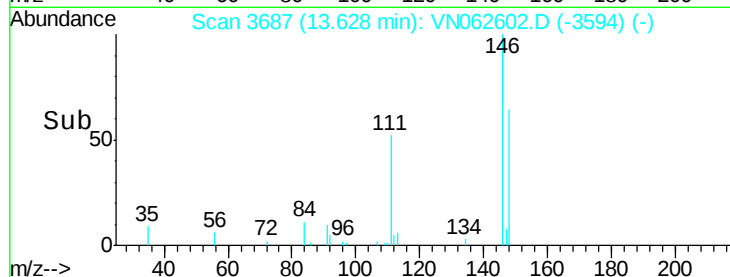
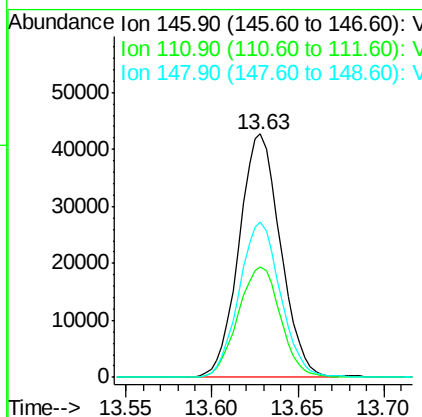
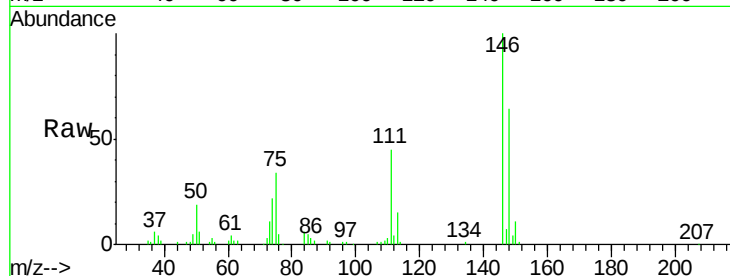
#91
 1,2-Dichlorobenzene
 Concen: 20.193 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	46.6	21.9	65.8
148	63.9	31.6	94.7

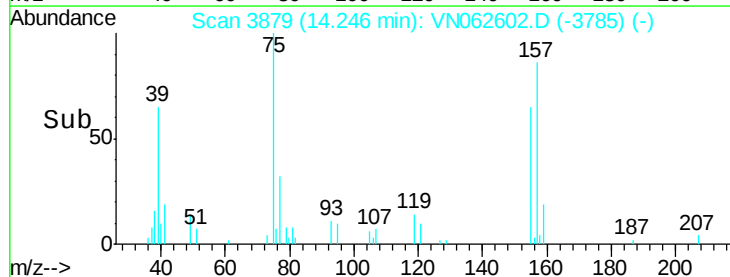
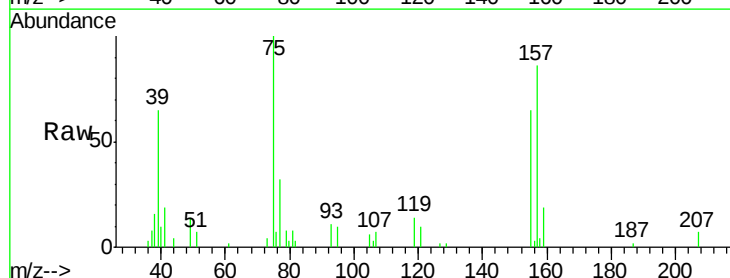
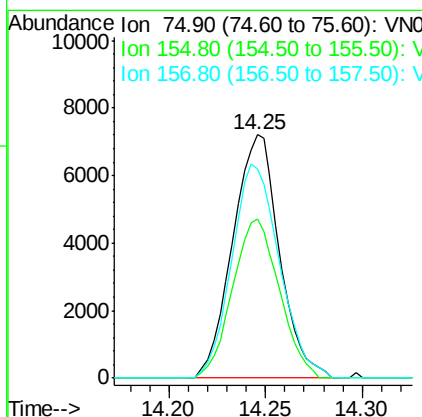
Manual Integrations
 APPROVED

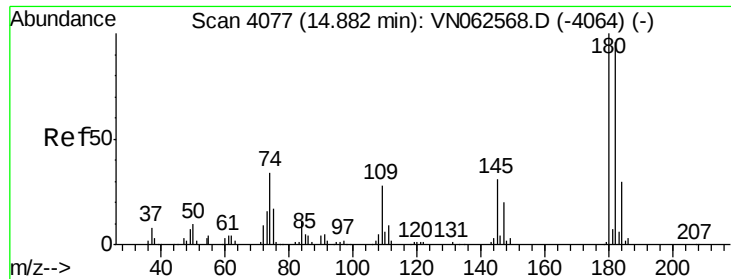
MMDadoda
 7/28/2020 1:46:12 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.929 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
75	100		
155	65.3	35.9	107.5
157	89.6	45.0	135.0





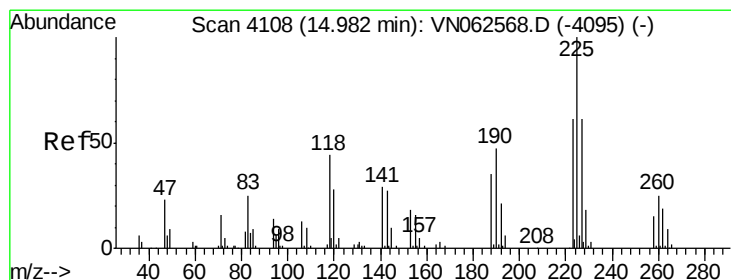
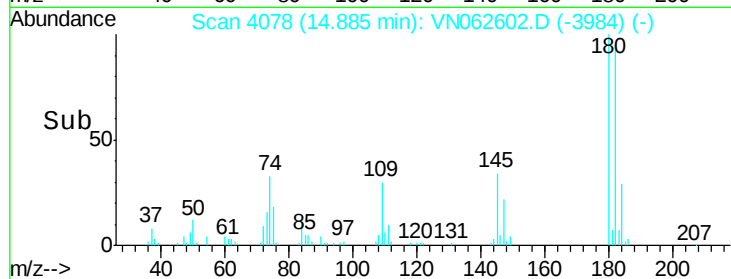
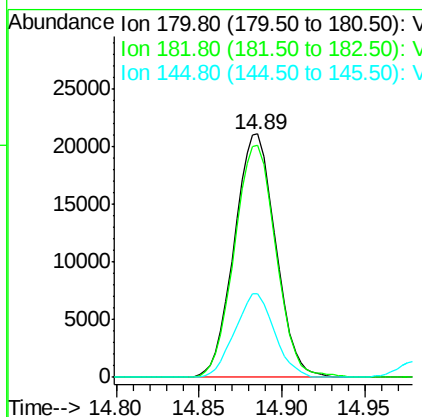
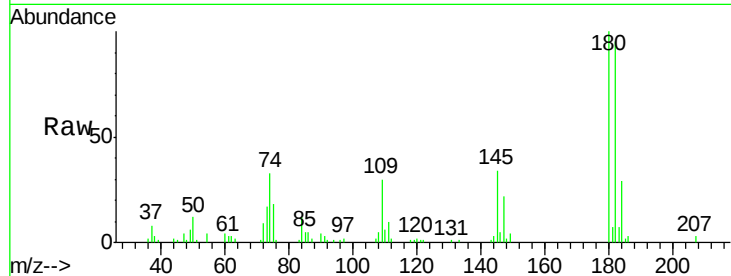
#93
 1,2,4-Trichlorobenzene
 Concen: 21.544 ug/l
 RT: 14.89 min Scan# 4078
 Delta R.T. 0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0727WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.1	47.8	143.3
145	32.9	15.3	45.9

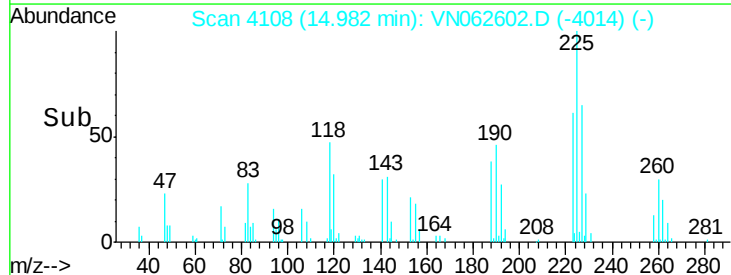
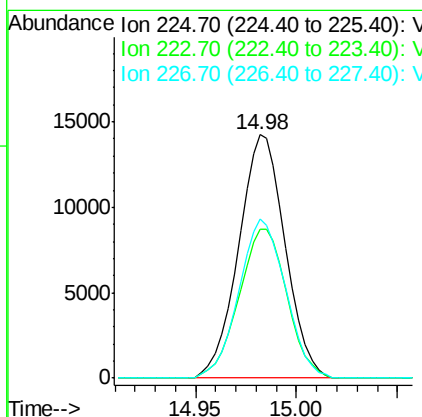
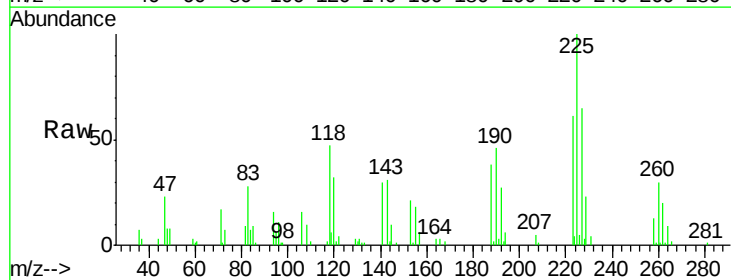
Manual Integrations
 APPROVED

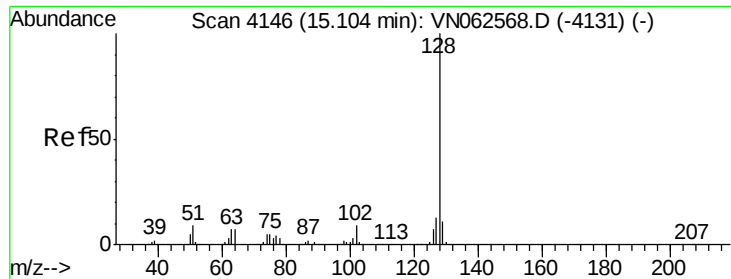
MMDadoda
 7/28/2020 1:46:12 PM



#94
 Hexachlorobutadiene
 Concen: 23.745 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062602.D
 Acq: 27 Jul 2020 16:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	32.0	96.0
227	65.5	31.1	93.2





#95

Naphthalene

Concen: 21.583 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Instrument :

MSVOA_N

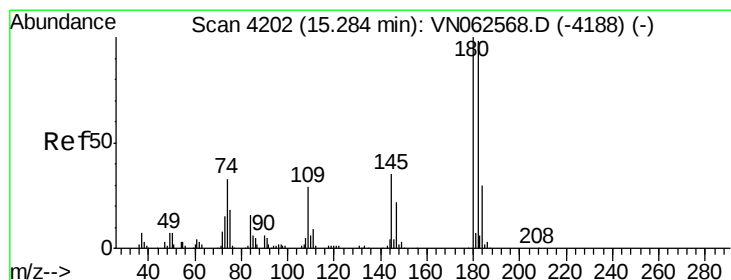
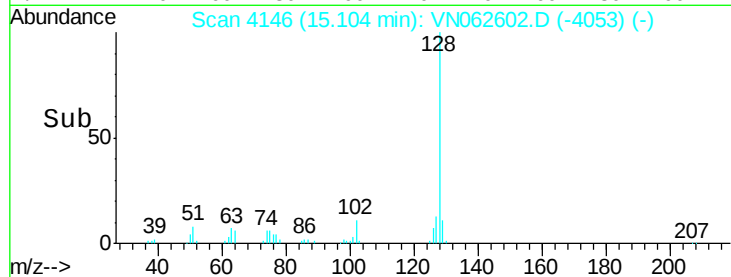
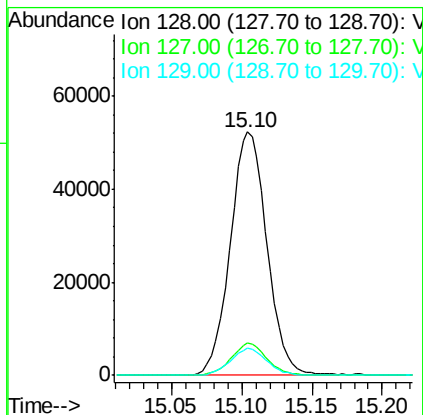
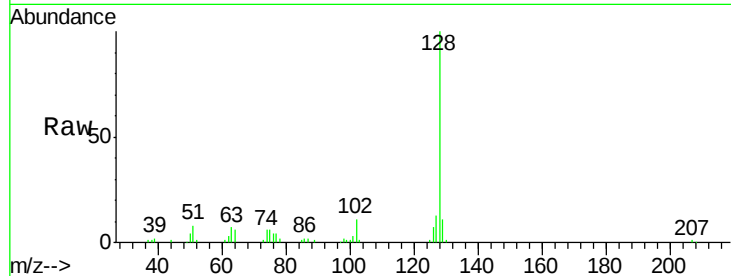
ClientSampleId :

VN0727WBSD01

Tot Ion:	128	Resp:	95064
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.8	8.7	13.1

Manual Integrations
APPROVED

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7/28/2020 1:46:12 PM



#96

1,2,3-Trichlorobenzene

Concen: 22.417 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062602.D

Acq: 27 Jul 2020 16:48

Tgt Ion:	180	Resp:	37364
Ion Ratio	Lower	Upper	
180	100		
182	95.2	48.1	144.3
145	33.2	16.7	50.1

