

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN072920\
 Data File : VN062647.D
 Acq On : 29 Jul 2020 12:14
 Operator : JC/MD
 Sample : VN0729WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/30/2020 6:21:05 PM

Quant Time: Jul 30 03:45:34 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	7.63	168	145566	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	230767	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	216734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99395	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	112221	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
35) Dibromofluoromethane	7.54	113	74605	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
50) Toluene-d8	10.06	98	287963	47.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.22%	
62) 4-Bromofluorobenzene	12.38	95	104785	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	32235	18.565	ug/l	95
3) Chloromethane	2.04	50	35898	15.243	ug/l	96
4) Vinyl Chloride	2.16	62	33697	16.506	ug/l	99
5) Bromomethane	2.52	94	20948	23.166	ug/l	97
6) Chloroethane	2.66	64	20780	22.502	ug/l	100
7) Trichlorofluoromethane	2.98	101	55698	23.237	ug/l	97
8) Diethyl Ether	3.37	74	19330	17.245	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.72	101	29603	19.262	ug/l	99
10) Methyl Iodide	3.91	142	33464	17.032	ug/l	95
11) Tert butyl alcohol	4.73	59	31906	88.695	ug/l	98
12) 1,1-Dichloroethene	3.70	96	27205	17.454	ug/l	90
13) Acrolein	3.57	56	23840	69.839	ug/l	94
14) Allyl chloride	4.27	41	51226	15.194	ug/l	91
15) Acrylonitrile	4.93	53	80485	83.532	ug/l	98
16) Acetone	3.77	43	73365	86.216	ug/l	99
17) Carbon Disulfide	4.00	76	80496	15.718	ug/l	99
18) Methyl Acetate	4.28	43	39274	18.231	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	103285	18.004	ug/l	98
20) Methylene Chloride	4.50	84	33089	16.213	ug/l	96
21) trans-1,2-Dichloroethene	4.99	96	29033	16.783	ug/l	94
22) Diisopropyl ether	5.90	45	106160	15.841	ug/l	93
23) Vinyl Acetate	5.84	43	446679	81.345	ug/l	97
24) 1,1-Dichloroethane	5.80	63	60519	16.770	ug/l	99
25) 2-Butanone	6.79	43	105461	81.377	ug/l	95
26) 2,2-Dichloropropane	6.78	77	56435	19.050	ug/l	97
27) cis-1,2-Dichloroethene	6.78	96	33020	16.728	ug/l	96
28) Bromochloromethane	7.15	49	29051	16.357	ug/l	89
29) Tetrahydrofuran	7.17	42	70177	80.027	ug/l	94
30) Chloroform	7.33	83	63244	18.432	ug/l	98
31) Cyclohexane	7.61	56	52147	15.650	ug/l	# 88
32) 1,1,1-Trichloroethane	7.53	97	57280	19.995	ug/l	98
36) 1,1-Dichloropropene	7.75	75	45470	18.486	ug/l	98
37) Ethyl Acetate	6.88	43	44396	16.744	ug/l	99
38) Carbon Tetrachloride	7.73	117	50212	21.237	ug/l	97

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Quant Time: Jul 30 03:45:34 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)
39) Methylcyclohexane	9.05	83	48153	18.186	ug/l	98
40) Benzene	8.00	78	131913	17.714	ug/l	99
41) Methacrylonitrile	7.13	41	20312	17.875	ug/l #	90
42) 1,2-Dichloroethane	8.09	62	56827	20.873	ug/l	97
43) Isopropyl Acetate	8.12	43	73837	17.274	ug/l	99
44) Trichloroethene	8.80	130	31041	18.484	ug/l	99
45) 1,2-Dichloropropane	9.09	63	36708	17.557	ug/l	96
46) Dibromomethane	9.17	93	22841	18.901	ug/l	99
47) Bromodichloromethane	9.37	83	50734	19.379	ug/l	98
48) Methyl methacrylate	9.17	41	35897	17.667	ug/l	97
49) 1,4-Dioxane	9.17	88	11466	367.414	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	222956	87.177	ug/l	98
52) Toluene	10.12	92	78774	18.217	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	56074	19.240	ug/l	96
54) cis-1,3-Dichloropropene	9.81	75	58557	18.724	ug/l	98
55) 1,1,2-Trichloroethane	10.54	97	32112	19.145	ug/l	95
56) Ethyl methacrylate	10.40	69	47858	17.097	ug/l	97
57) 1,3-Dichloropropane	10.68	76	56532	18.398	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	74222	93.003	ug/l	97
59) 2-Hexanone	10.72	43	161689	83.739	ug/l	100
60) Dibromochloromethane	10.87	129	36727	19.628	ug/l	98
61) 1,2-Dibromoethane	10.98	107	32889	18.831	ug/l	100
64) Tetrachloroethene	10.60	164	26520	18.833	ug/l	96
65) Chlorobenzene	11.41	112	84581	18.615	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	33526	19.614	ug/l	97
67) Ethyl Benzene	11.48	91	152262	18.277	ug/l	99
68) m/p-Xylenes	11.59	106	111553	37.254	ug/l	97
69) o-Xylene	11.92	106	52340	18.407	ug/l	97
70) Styrene	11.94	104	90439	18.829	ug/l	98
71) Bromoform	12.10	173	25497	19.867	ug/l #	96
73) Isopropylbenzene	12.22	105	146764	18.674	ug/l	99
74) N-amyl acetate	12.04	43	59308	16.898	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.48	83	47229	17.293	ug/l	97
76) 1,2,3-Trichloropropane	12.53	75	46746m	18.477	ug/l	
77) Bromobenzene	12.50	156	34581	18.309	ug/l	97
78) n-propylbenzene	12.56	91	168845	18.341	ug/l	98
79) 2-Chlorotoluene	12.65	91	103972	18.326	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	128999	19.787	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.28	75	15231	16.759	ug/l	85
82) 4-Chlorotoluene	12.75	91	109526	18.547	ug/l	99
83) tert-Butylbenzene	12.97	119	106818	19.732	ug/l	95
84) 1,2,4-Trimethylbenzene	13.01	105	123616	19.329	ug/l	100
85) sec-Butylbenzene	13.15	105	141930	19.584	ug/l	99
86) p-Isopropyltoluene	13.26	119	125658	20.159	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	62693	18.915	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	61439	18.830	ug/l	98
89) n-Butylbenzene	13.59	91	100468	18.759	ug/l	99
90) Hexachloroethane	13.85	117	24048	18.123	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	59954	18.917	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	10197	20.564	ug/l	95

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Instrument :
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ClientSampleId :
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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	14.88	180	27106	18.361	ug/l	97
94) Hexachlorobutadiene	14.98	225	20080	23.187	ug/l	97
95) Naphthalene	15.10	128	69325	18.265	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	27125	18.162	ug/l	100

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

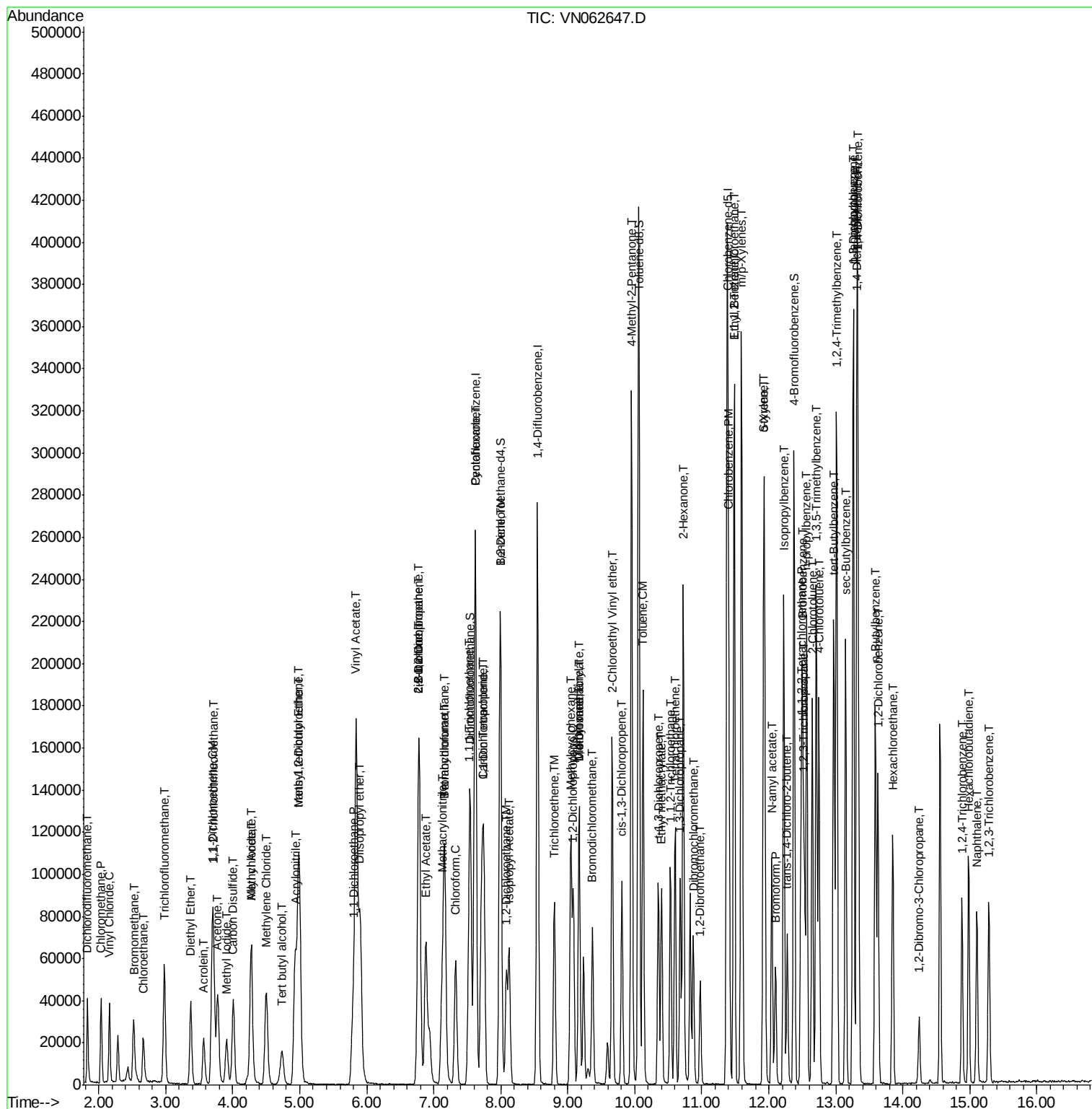
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Data File : VN062647.D
Acq On : 29 Jul 2020 12:14
Operator : JC/MD
Sample : VN0729WBSD01
Misc : 5.00mL/MSVOA_N/WATER
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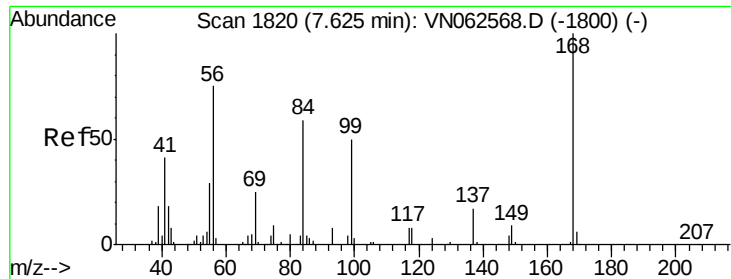
Instrument :
MSVOA_N
Client Sample Id :
VN0729WBSD01

Manual Integrations
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

Tgt Ion:168 Resp: 145566

Ion Ratio Lower Upper

168 100

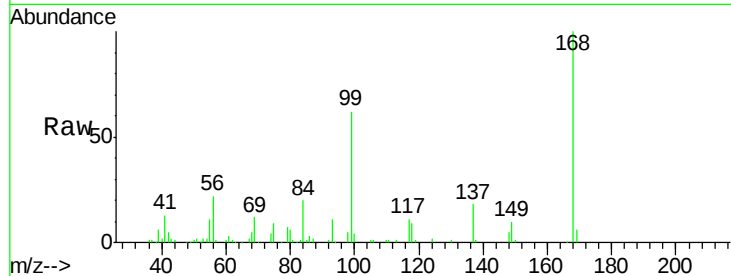
99 62.2 48.4 72.6

Manual Integrations

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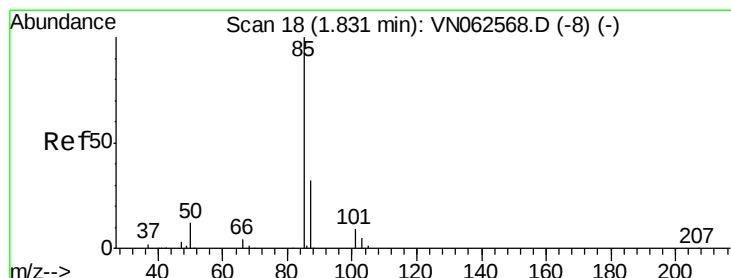
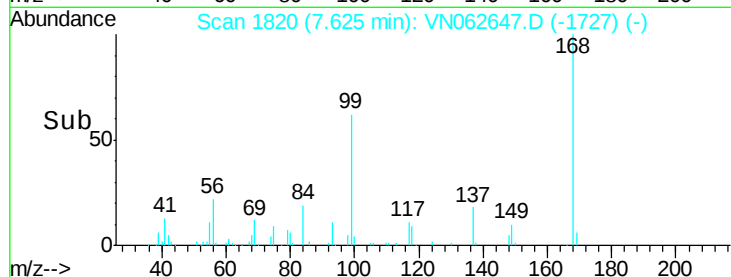
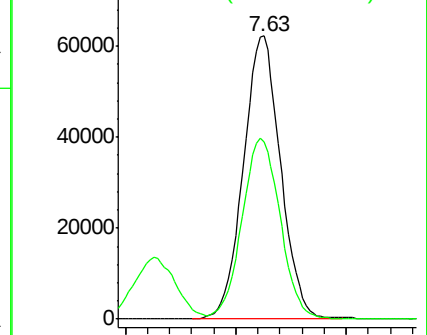
MMDadoda

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 18.565 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062647.D

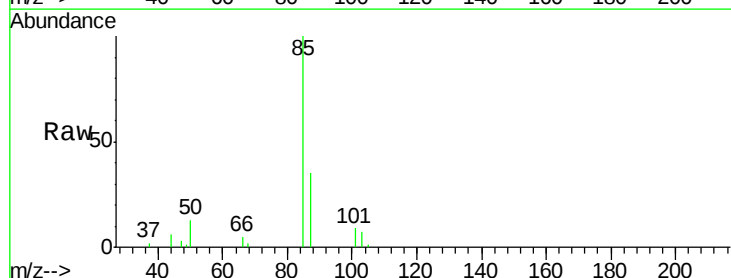
Acq: 29 Jul 2020 12:14

Tgt Ion: 85 Resp: 32235

Ion Ratio Lower Upper

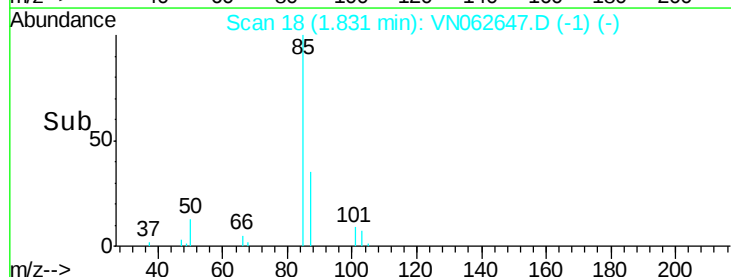
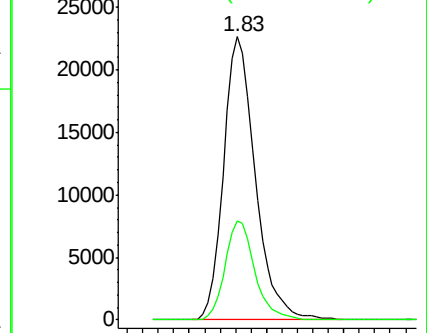
85 100

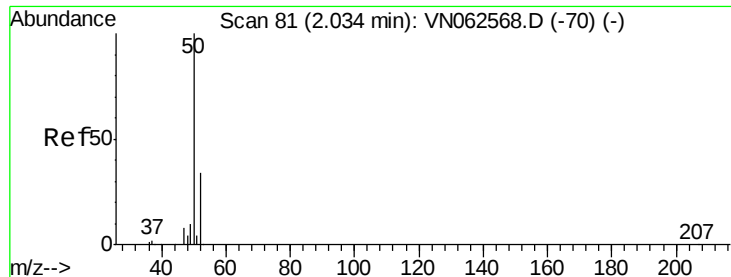
87 35.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 15.243 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

Tgt Ion: 50 Resp: 35898

Ion Ratio Lower Upper

50 100

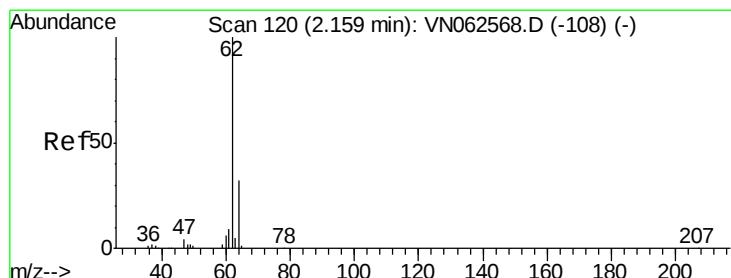
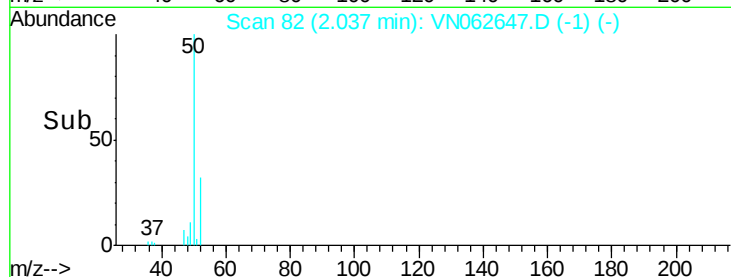
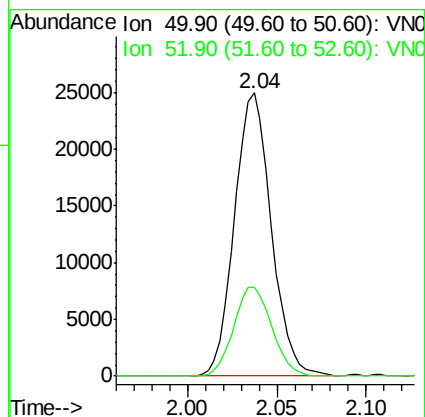
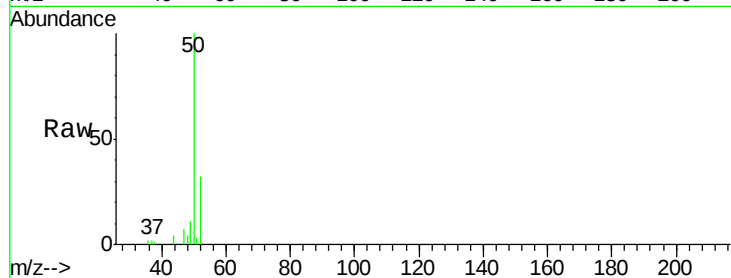
52 31.5 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 16.506 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062647.D

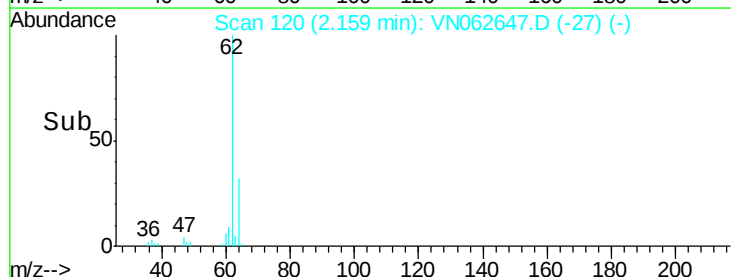
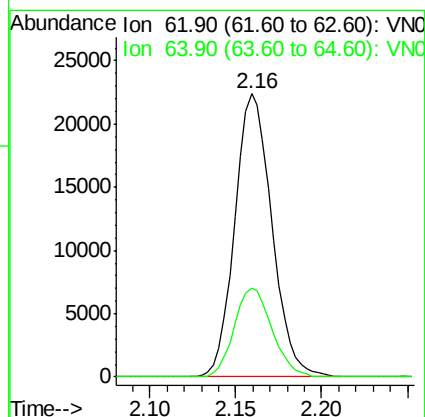
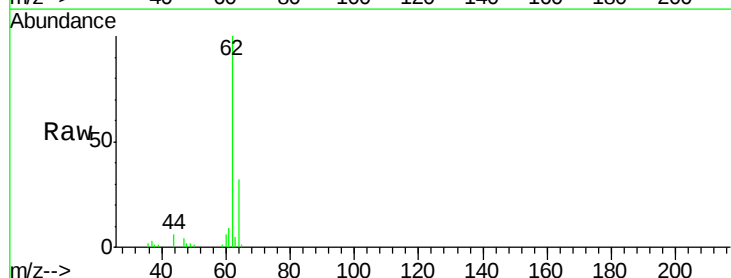
Acq: 29 Jul 2020 12:14

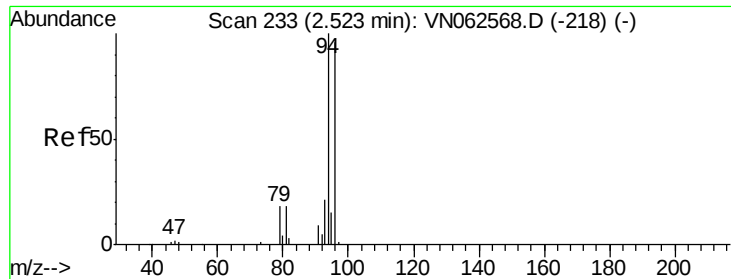
Tgt Ion: 62 Resp: 33697

Ion Ratio Lower Upper

62 100

64 31.5 25.8 38.8





#5

Bromomethane

Concen: 23.166 ug/l

RT: 2.52 min Scan# 233

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

Tgt Ion: 94 Resp: 20948

Ion Ratio Lower Upper

94 100

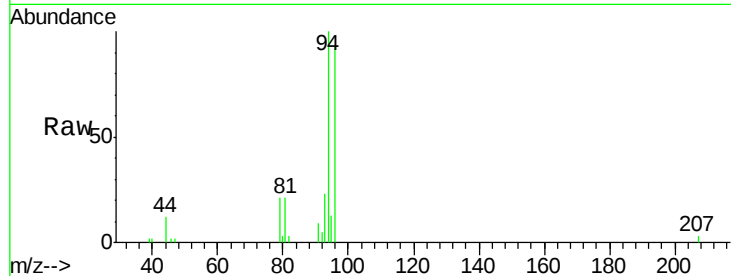
96 93.1 76.6 114.8

Manual Integrations

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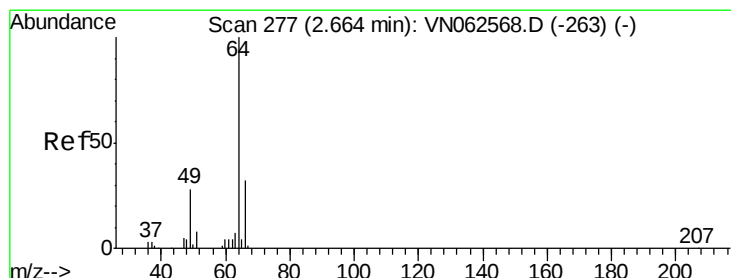
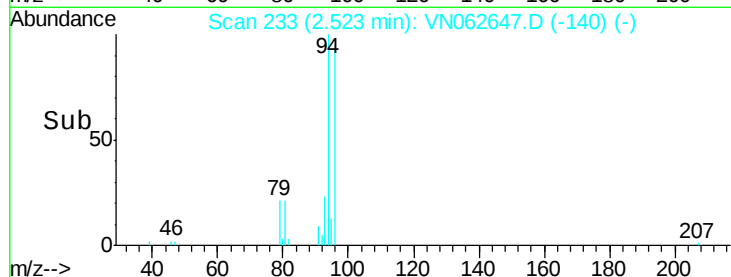
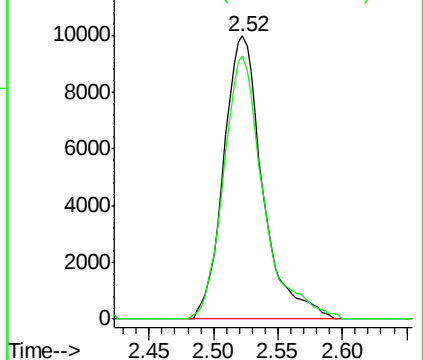
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Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 22.502 ug/l

RT: 2.66 min Scan# 277

Delta R.T. -0.00 min

Lab File: VN062647.D

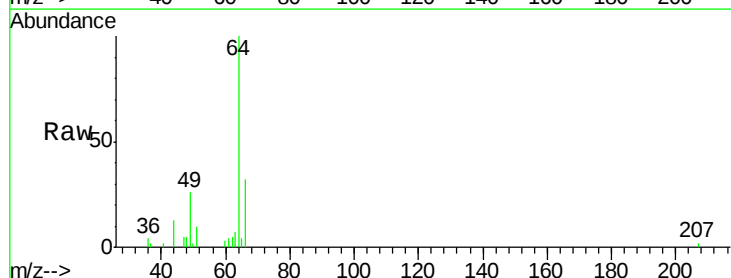
Acq: 29 Jul 2020 12:14

Tgt Ion: 64 Resp: 20780

Ion Ratio Lower Upper

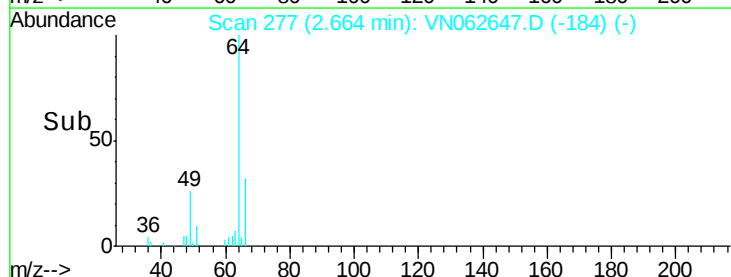
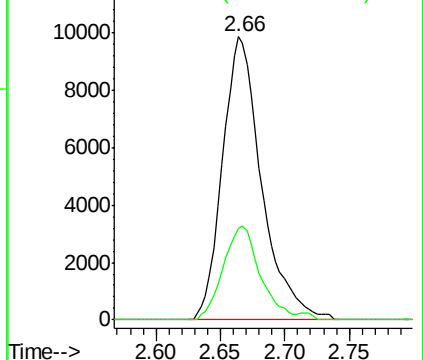
64 100

66 32.2 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0





#7

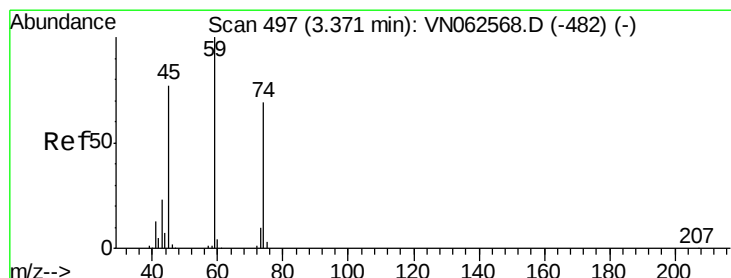
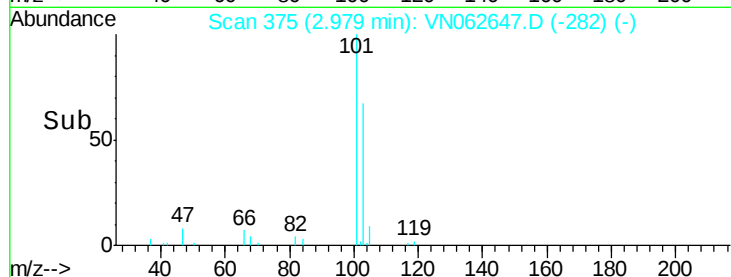
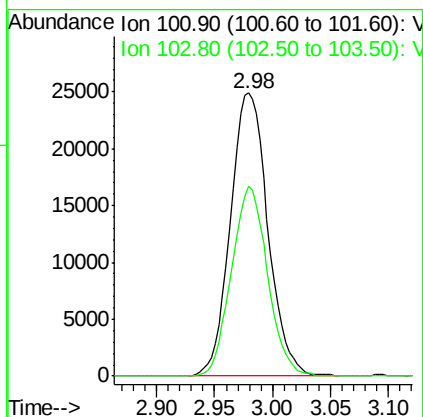
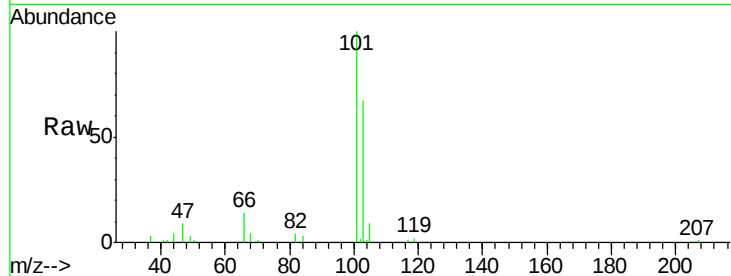
Trichlorofluoromethane
 Concen: 23.237 ug/l
 RT: 2.98 min Scan# 375
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Tgt Ion	Ratio	Lower	Upper
101	100		
103	66.9	51.5	77.3

Manual Integrations
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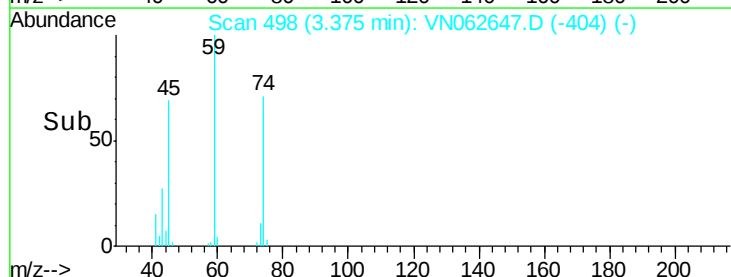
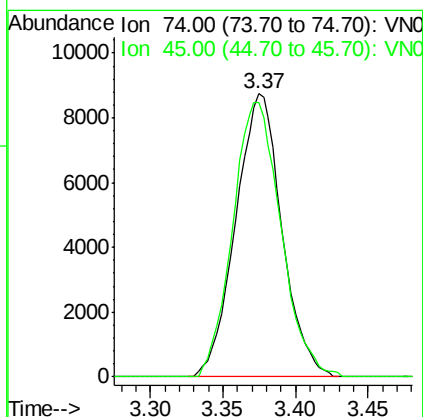
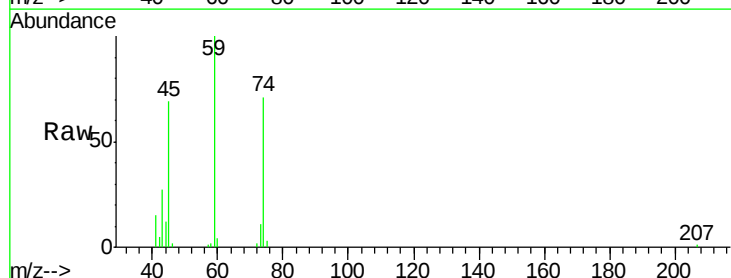
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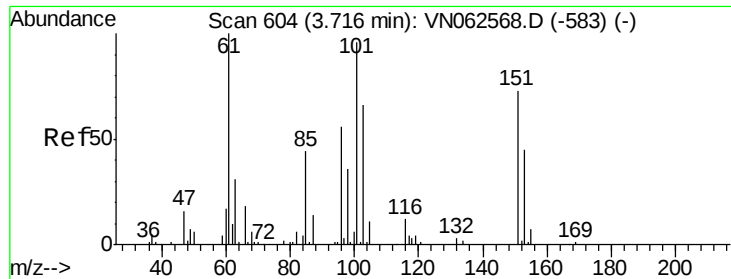


#8

Diethyl Ether
 Concen: 17.245 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.4	55.3	165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.262 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

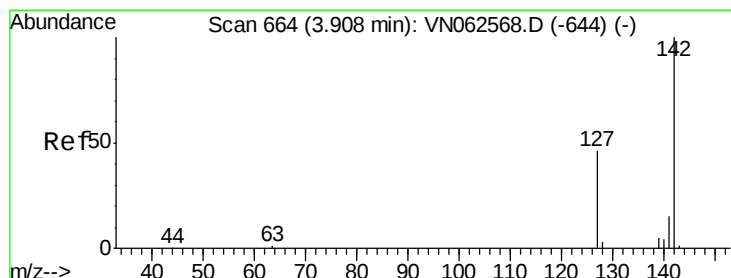
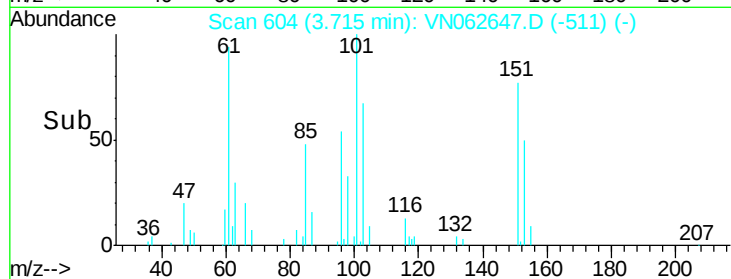
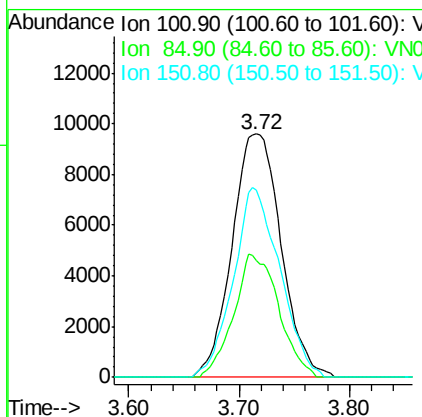
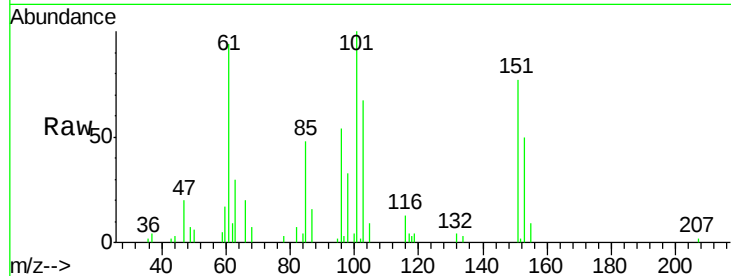
ClientSampleId :

VN0729WBSD01

Tgt Ion:	101	Resp:	29603
Ion Ratio	Lower	Upper	
101	100		
85	46.4	36.0	54.0
151	74.1	60.0	90.0

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#10

Methyl Iodide

Concen: 17.032 ug/l

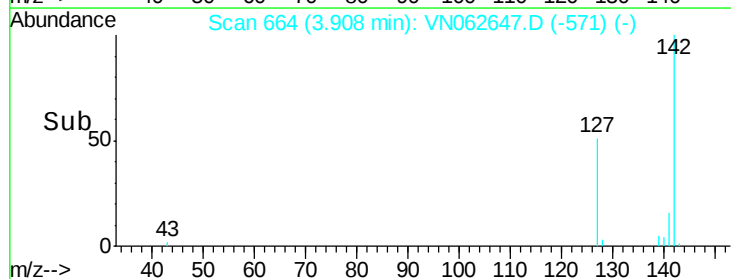
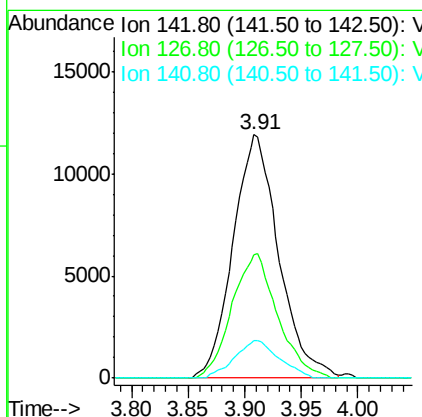
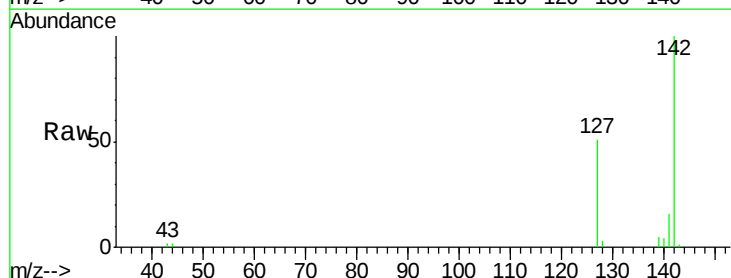
RT: 3.91 min Scan# 664

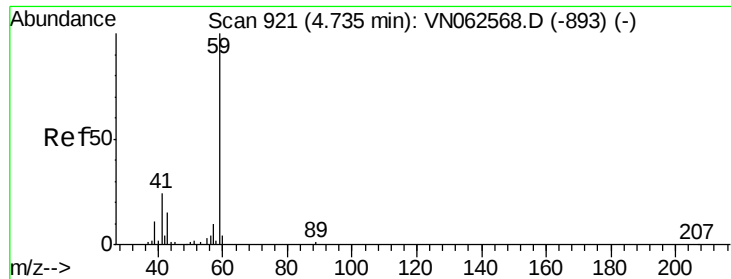
Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Tgt Ion:	142	Resp:	33464
Ion Ratio	Lower	Upper	
142	100		
127	51.0	37.4	56.0
141	15.0	11.9	17.9





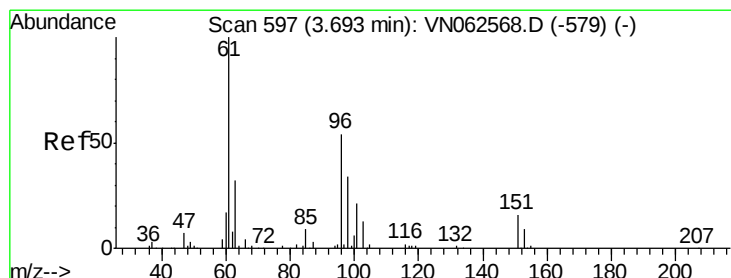
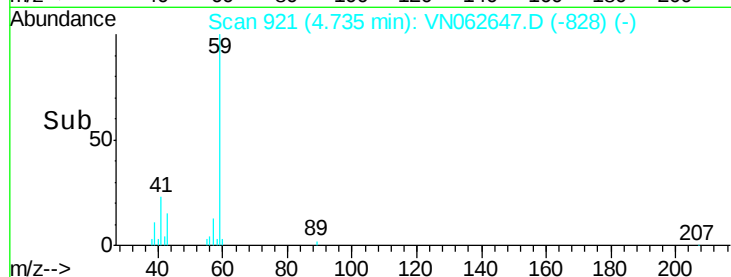
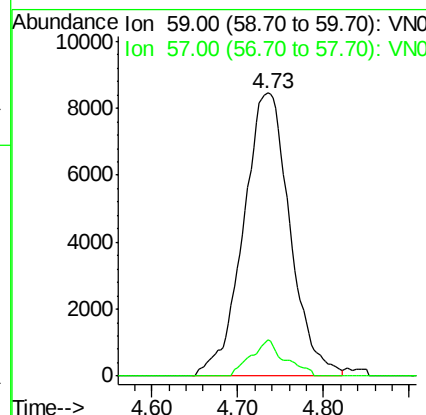
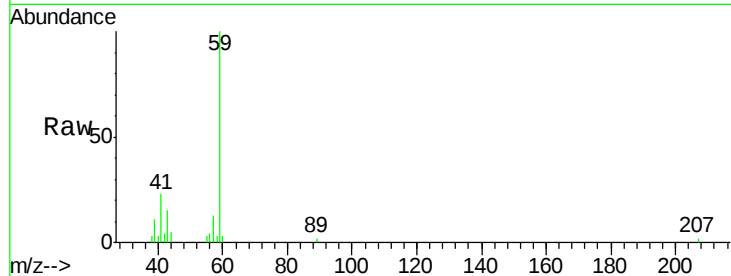
#11
Tert butyl alcohol
Concen: 88.695 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
59	100	31906		
57	9.3		8.2	12.2

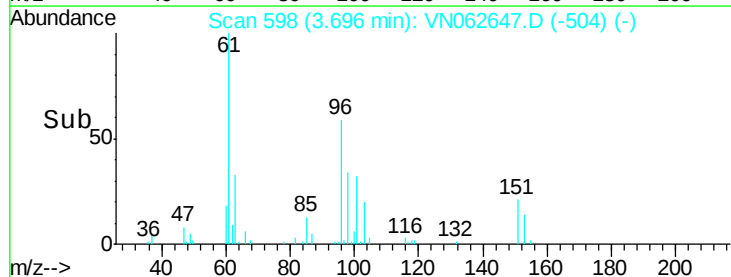
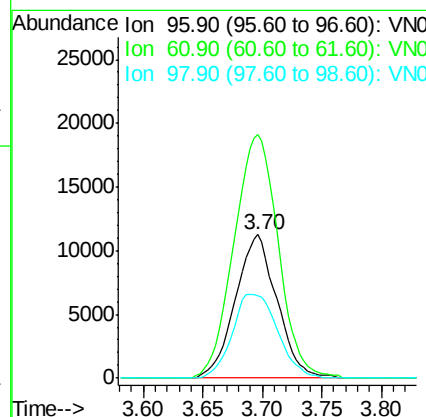
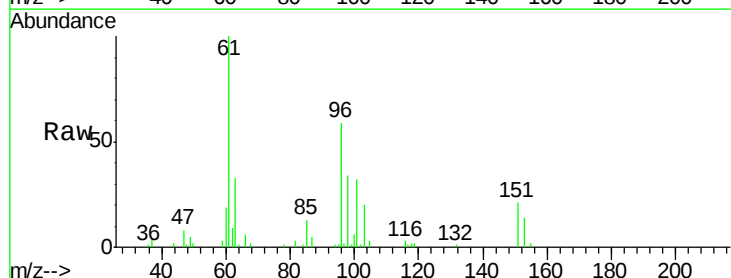
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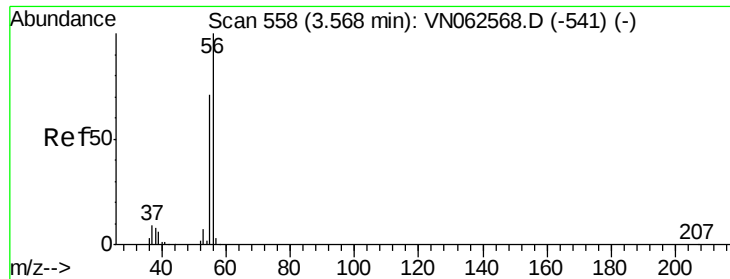
MMDadoda
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#12
1,1-Dichloroethene
Concen: 17.454 ug/l
RT: 3.70 min Scan# 598
Delta R.T. 0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	27205		
61	169.8		148.6	222.8
98	57.9		50.6	75.8





#13

Acrolein

Concen: 69.839 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

Tgt Ion: 56 Resp: 23840

Ion Ratio Lower Upper

56 100

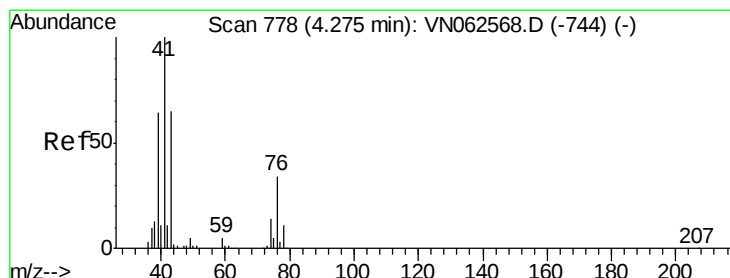
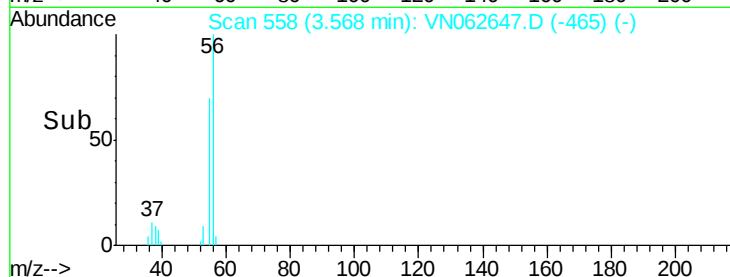
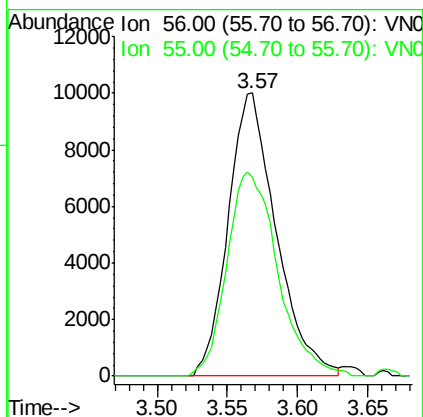
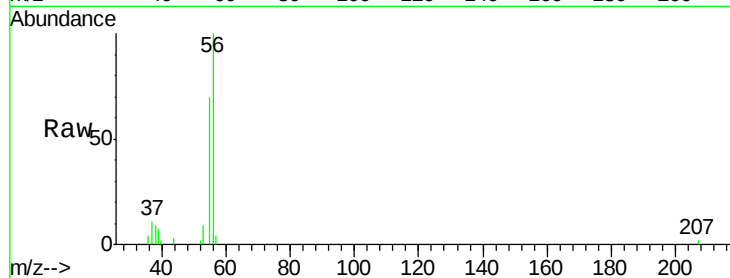
55 76.6 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 15.194 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

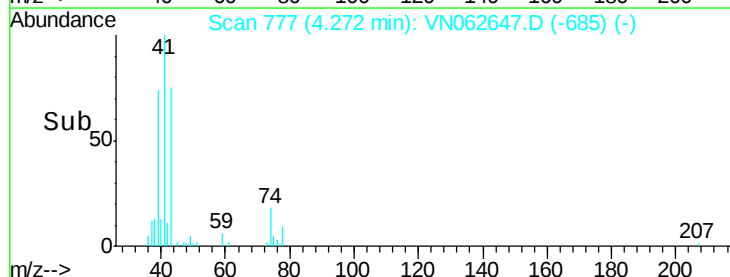
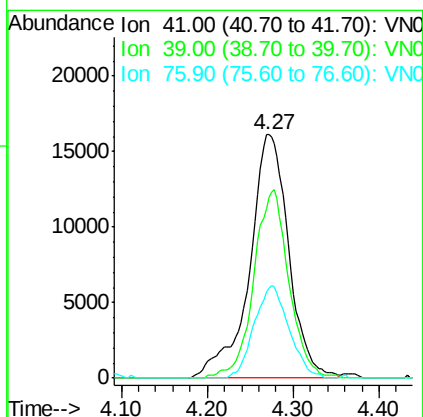
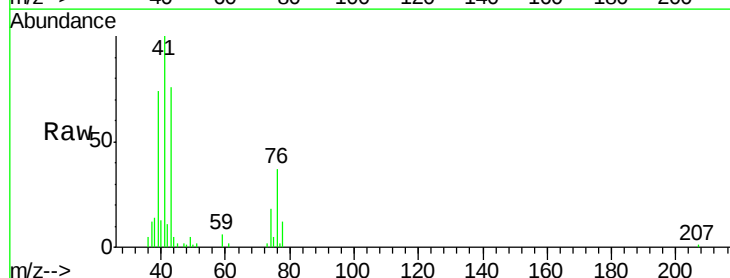
Tgt Ion: 41 Resp: 51226

Ion Ratio Lower Upper

41 100

39 69.1 49.0 73.4

76 33.7 24.0 36.0





#15

Acrylonitrile

Concen: 83.532 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

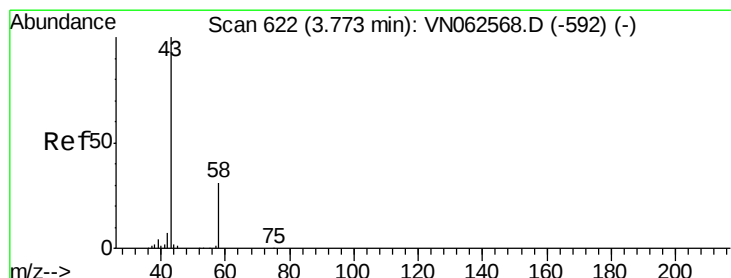
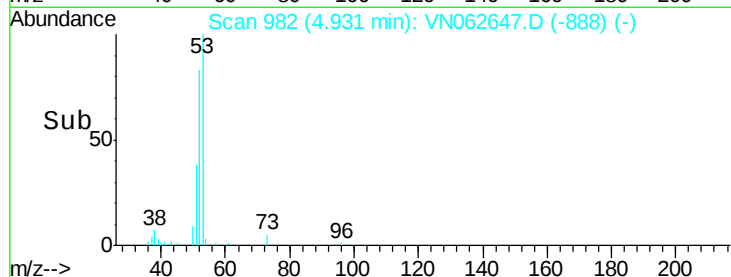
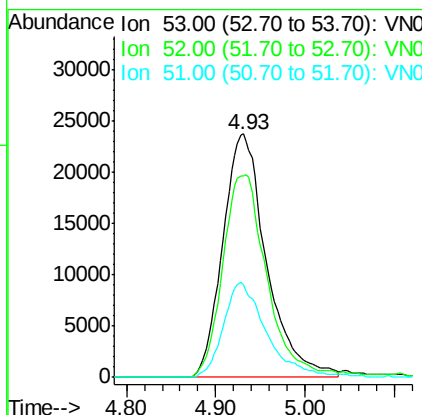
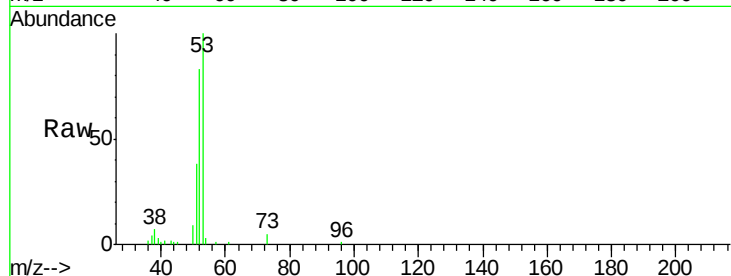
ClientSampleId :

VN0729WBSD01

Tgt Ion:	53	Resp:	80485
Ion	Ratio	Lower	Upper
53	100		
52	84.6	66.3	99.5
51	37.9	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 86.216 ug/l

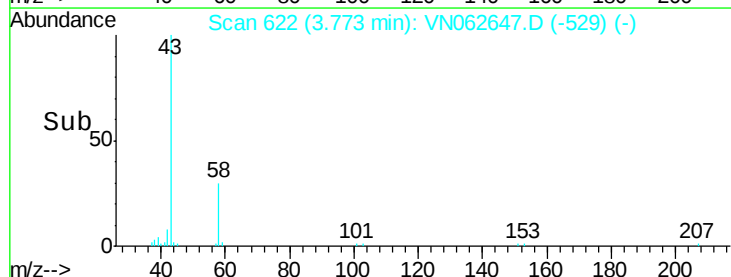
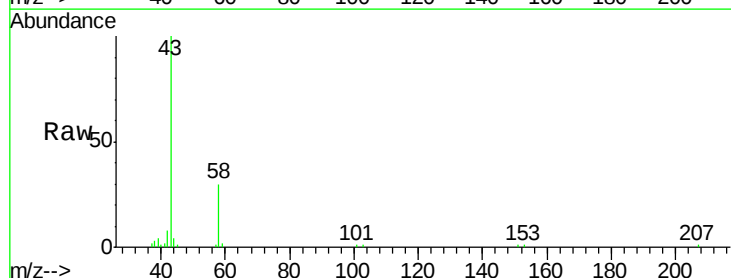
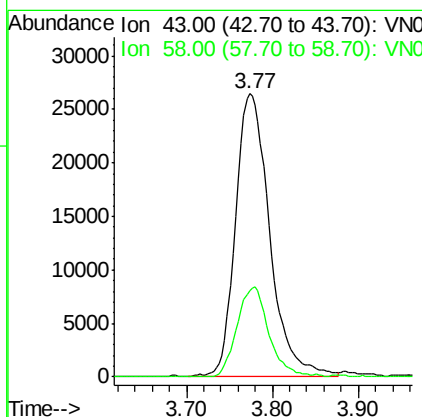
RT: 3.77 min Scan# 622

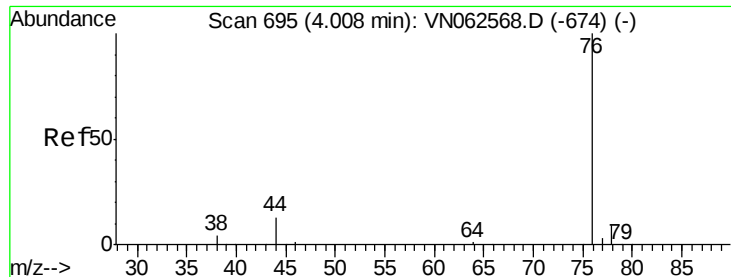
Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Tgt Ion:	43	Resp:	73365
Ion	Ratio	Lower	Upper
43	100		
58	30.3	24.6	37.0





#17

Carbon Disulfide

Concen: 15.718 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

Tgt Ion: 76 Resp: 80496

Ion Ratio Lower Upper

76 100

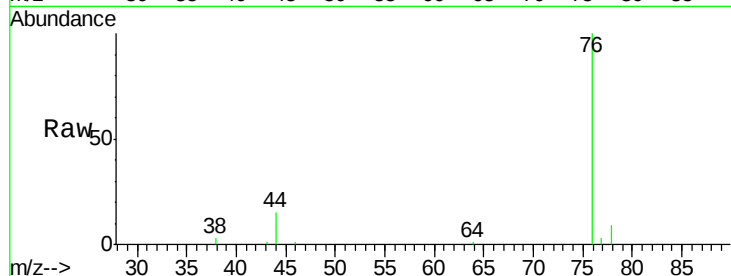
78 9.5 7.3 10.9

Manual Integrations

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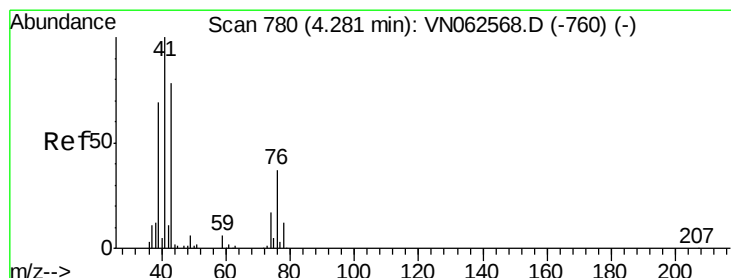
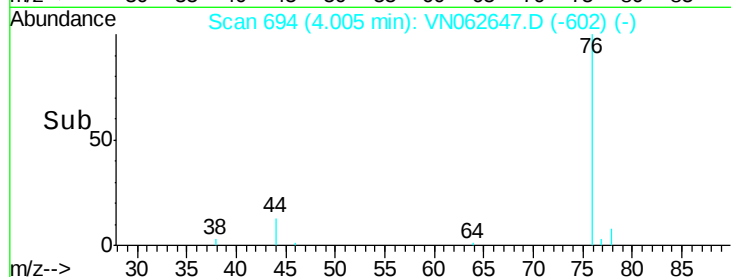
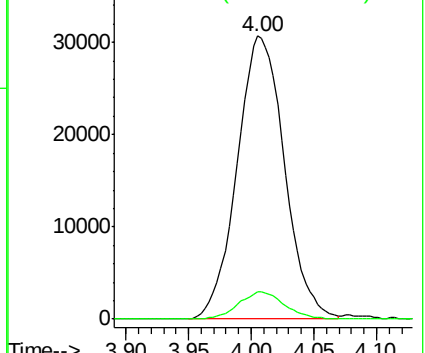
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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#18

Methyl Acetate

Concen: 18.231 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062647.D

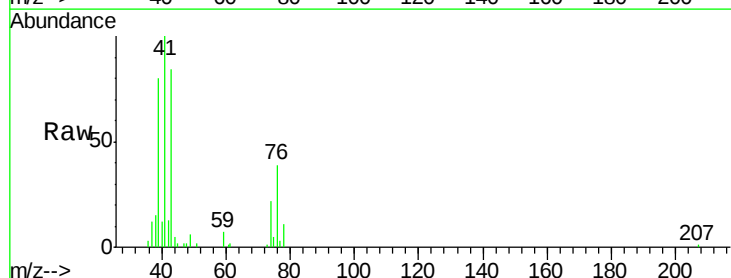
Acq: 29 Jul 2020 12:14

Tgt Ion: 43 Resp: 39274

Ion Ratio Lower Upper

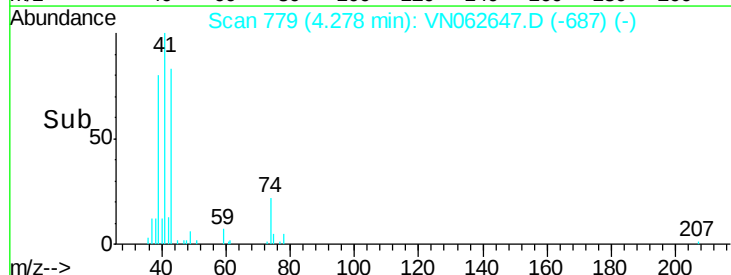
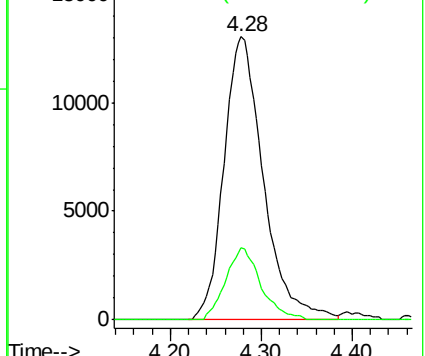
43 100

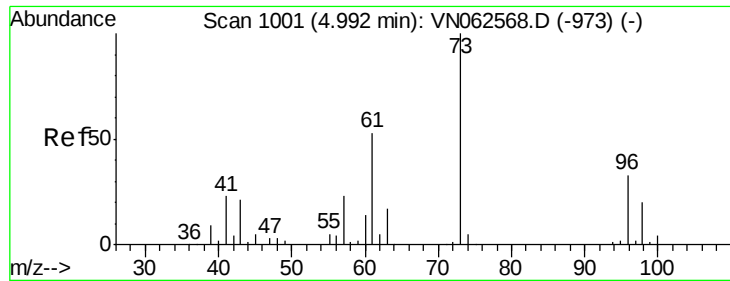
74 22.6 16.6 24.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





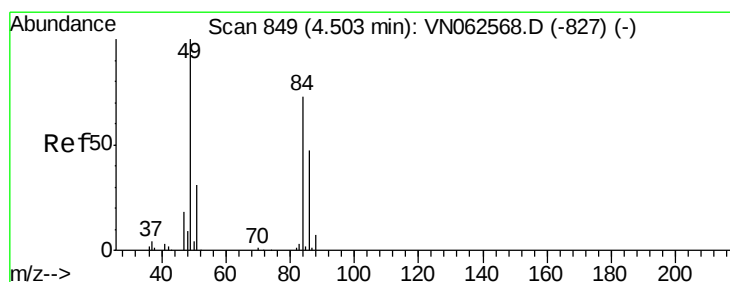
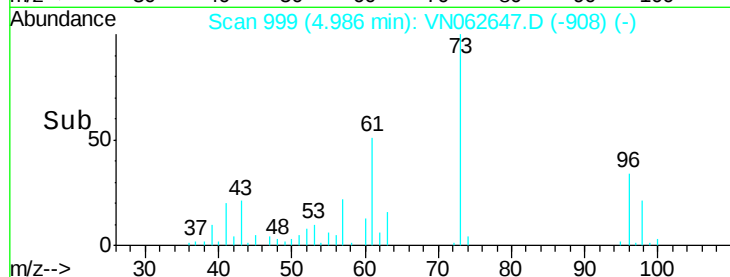
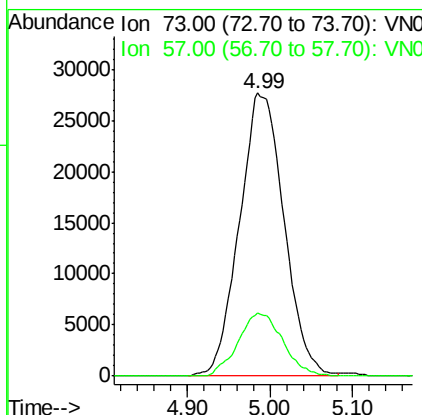
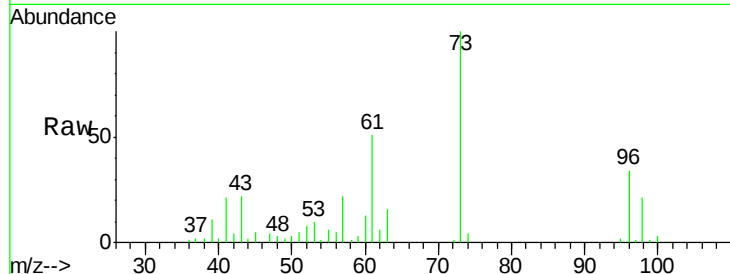
#19
Methyl tert-butyl Ether
Concen: 18.004 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.01 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion: 73 Resp: 103285
Ion Ratio Lower Upper
73 100
57 22.2 18.6 27.8

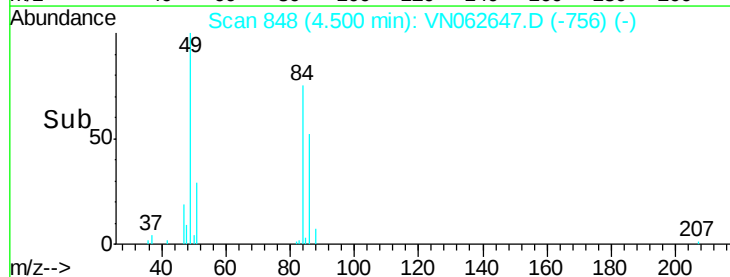
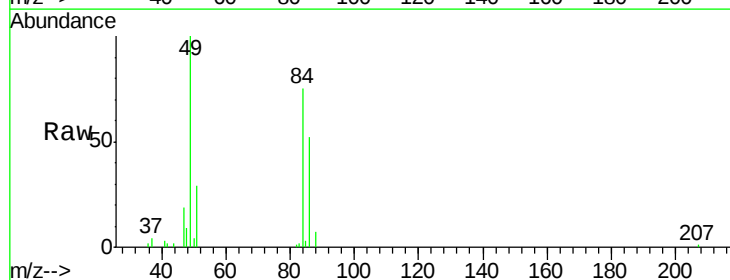
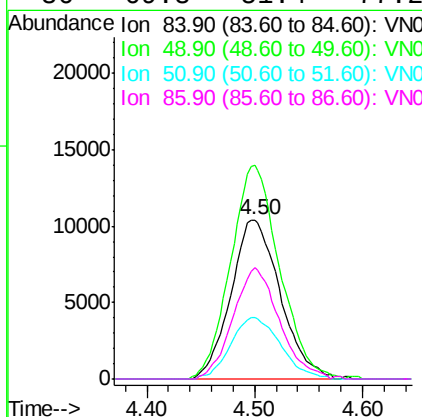
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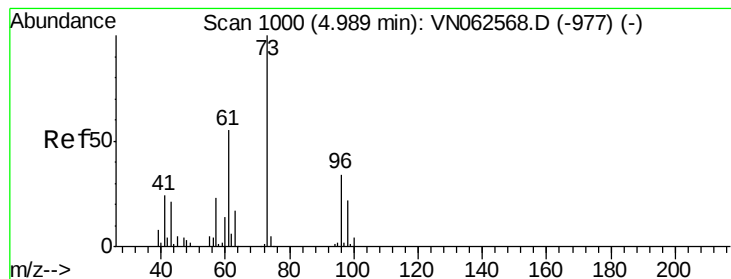
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#20
Methylene Chloride
Concen: 16.213 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion: 84 Resp: 33089
Ion Ratio Lower Upper
84 100
49 134.1 109.4 164.0
51 39.0 33.6 50.4
86 69.8 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 16.783 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

Tgt Ion: 96 Resp: 29033

Ion Ratio Lower Upper

96 100

61 149.8 128.6 192.8

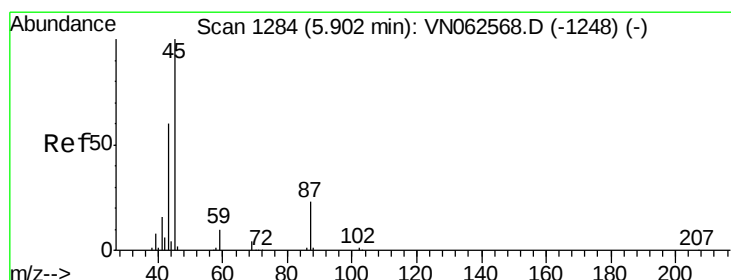
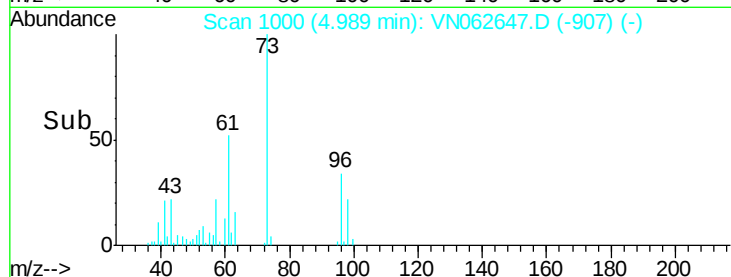
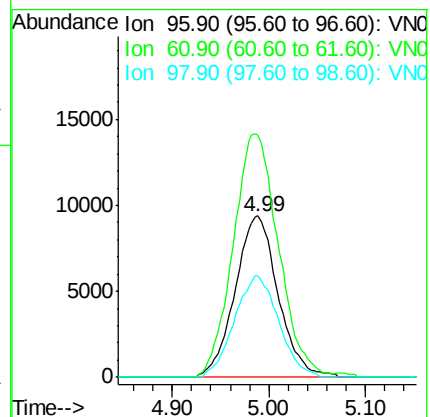
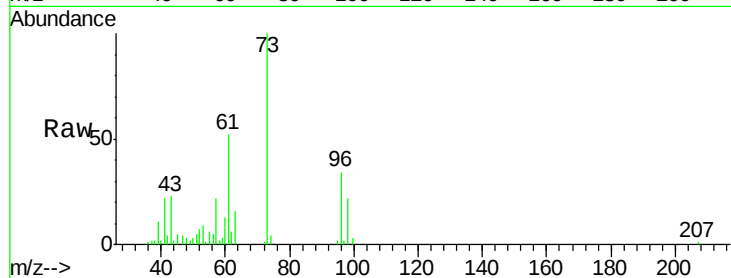
98 62.9 50.6 76.0

Manual Integrations

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#22

Diisopropyl ether

Concen: 15.841 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Tgt Ion: 45 Resp: 106160

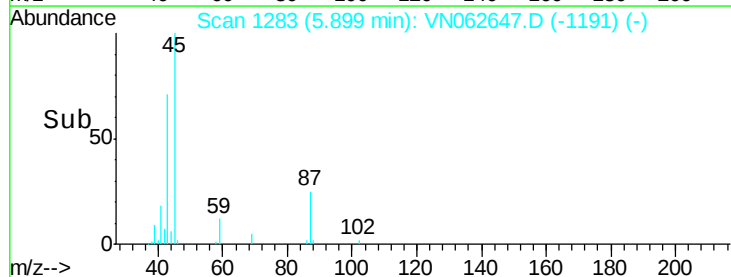
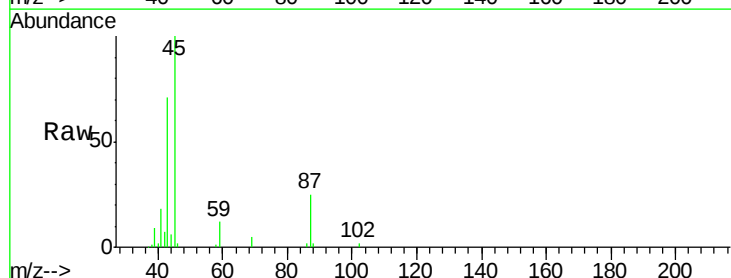
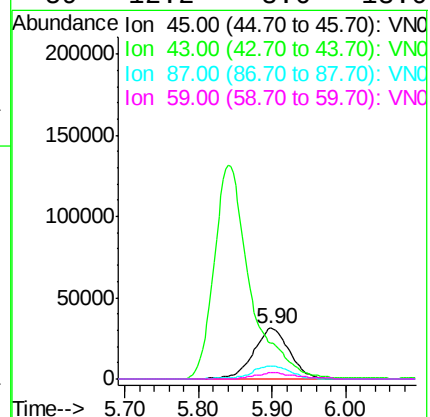
Ion Ratio Lower Upper

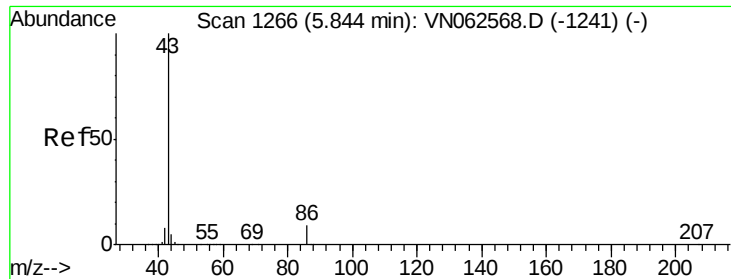
45 100

43 67.6 48.7 73.1

87 25.2 19.0 28.6

59 12.2 8.6 13.0





#23

Vinyl Acetate

Concen: 81.345 ug/l

RT: 5.84 min Scan# 1265

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

Tgt Ion: 43 Resp: 446679

Ion Ratio Lower Upper

43 100

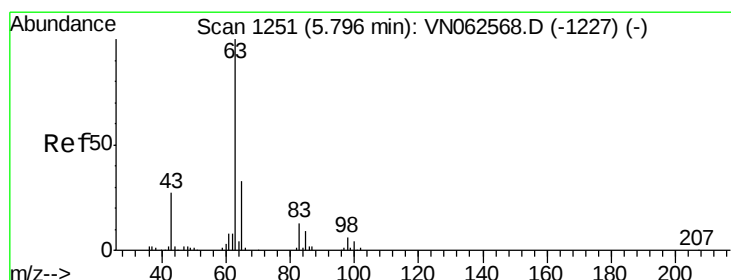
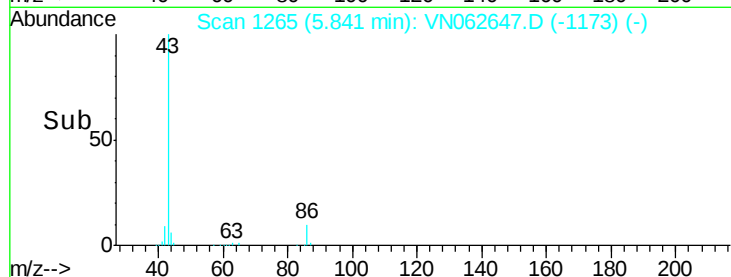
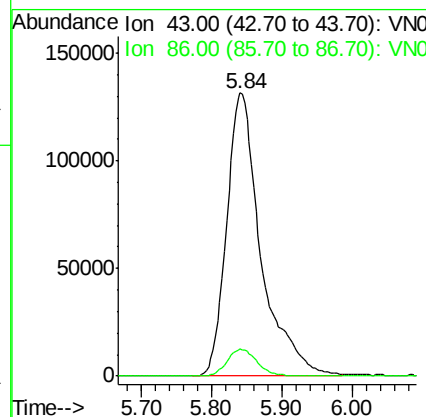
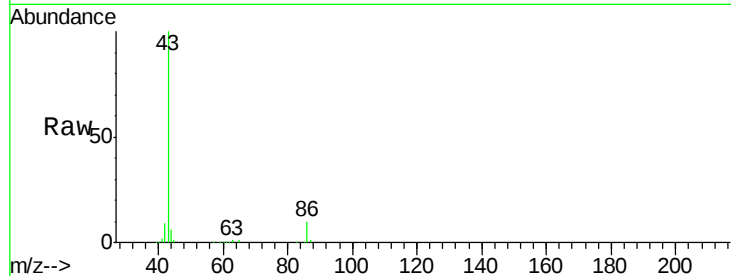
86 9.6 6.9 10.3

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 16.770 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

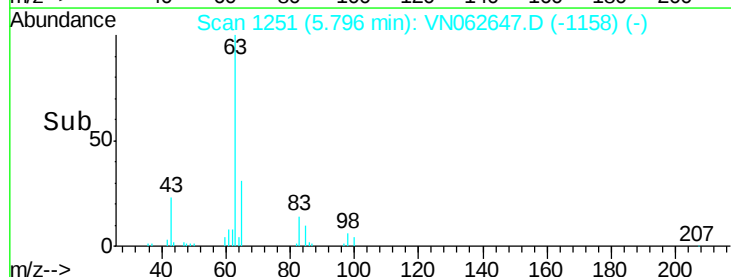
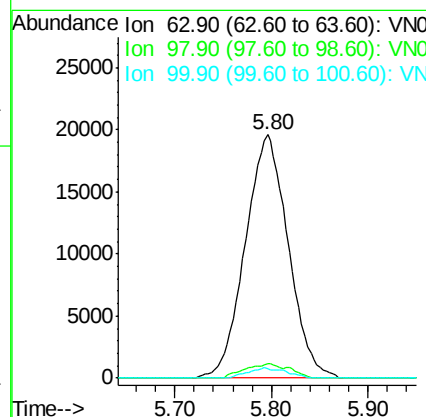
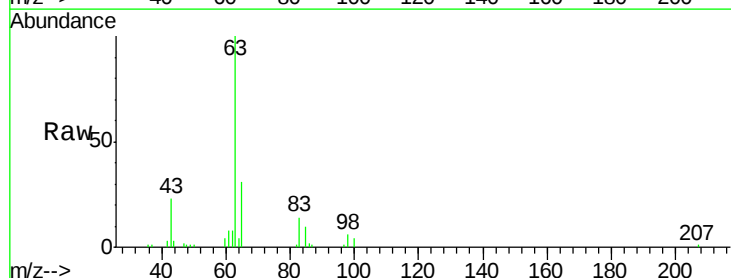
Tgt Ion: 63 Resp: 60519

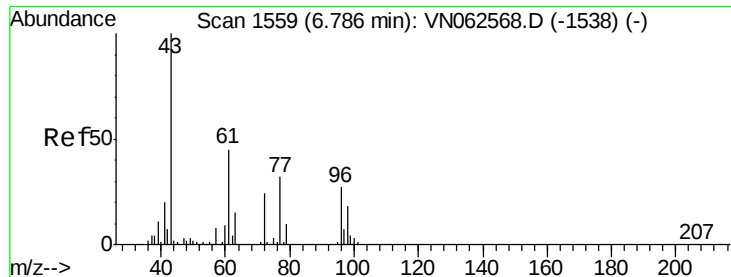
Ion Ratio Lower Upper

63 100

98 5.8 2.9 8.8

100 4.0 1.8 5.4





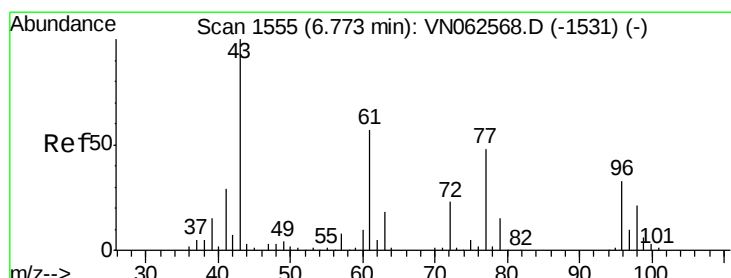
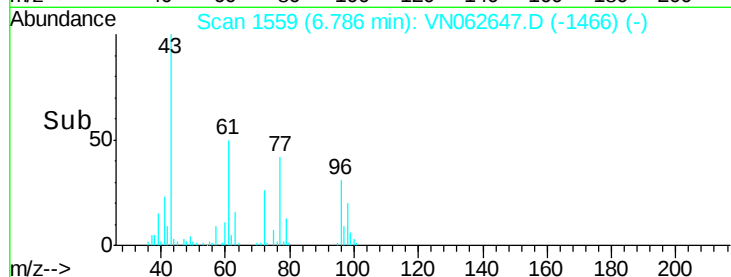
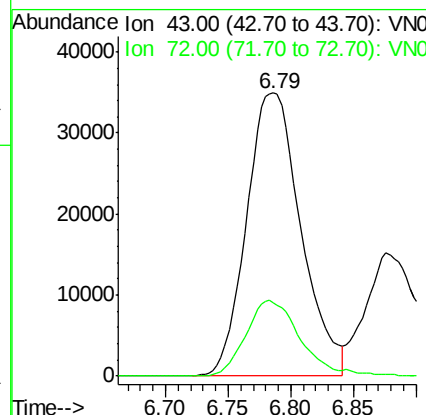
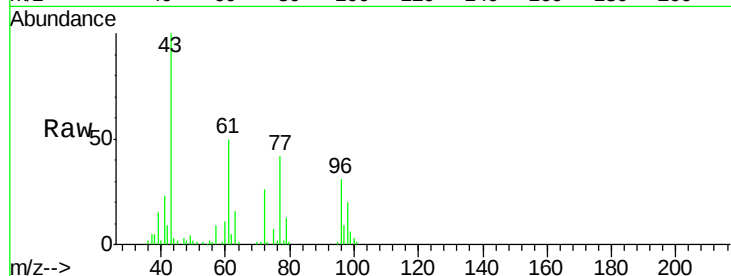
#25
2-Butanone
Concen: 81.377 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampled :
VN0729WBSD01

Tgt Ion: 43 Resp: 105461
Ion Ratio Lower Upper
43 100
72 26.1 19.0 28.6

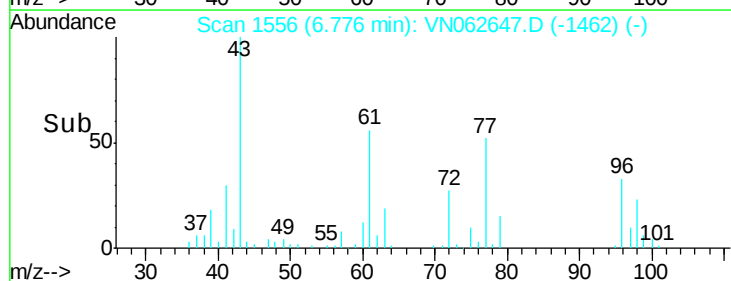
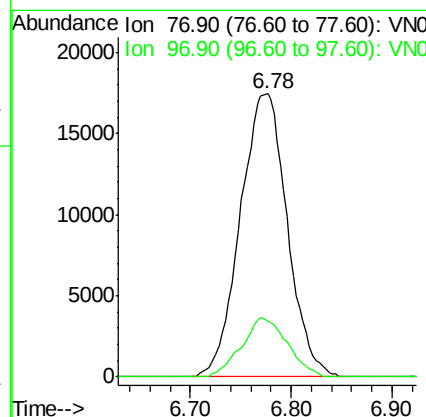
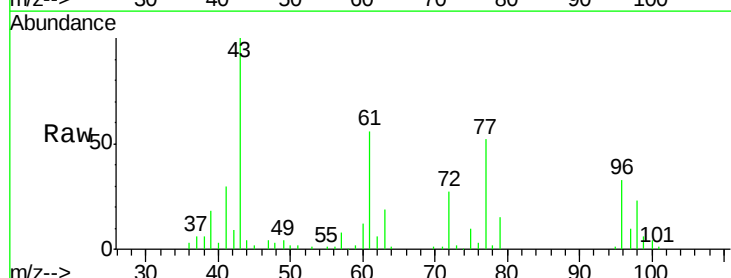
Manual Integrations
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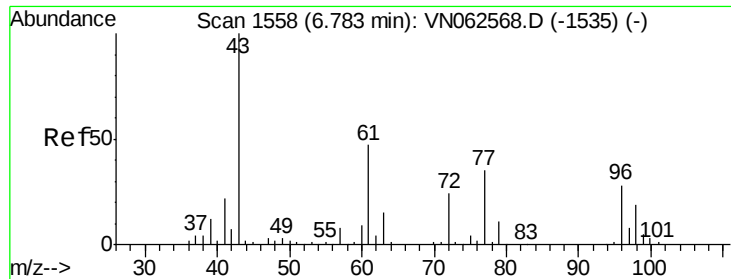
MMDadoda
7/30/2020 6:21:05 PM



#26
2,2-Dichloropropane
Concen: 19.050 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. 0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion: 77 Resp: 56435
Ion Ratio Lower Upper
77 100
97 20.4 10.8 32.4





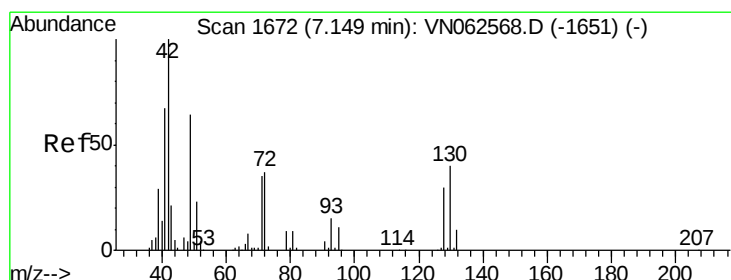
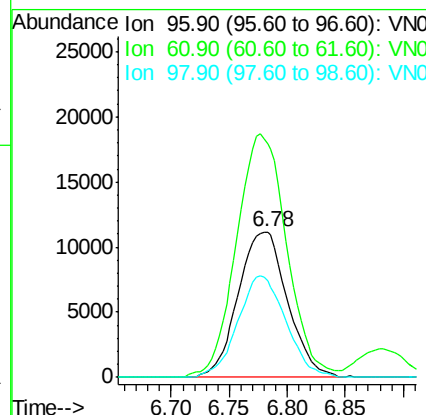
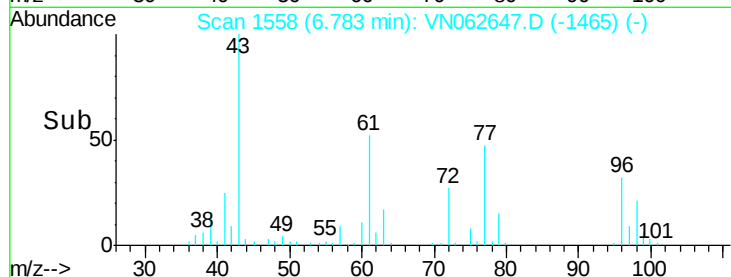
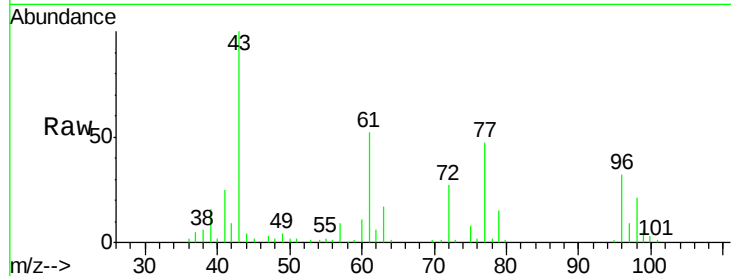
#27
 cis-1,2-Dichloroethene
 Concen: 16.728 ug/l
 RT: 6.78 min Scan# 1558
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.5	0.0	332.4
98	68.0	0.0	127.4

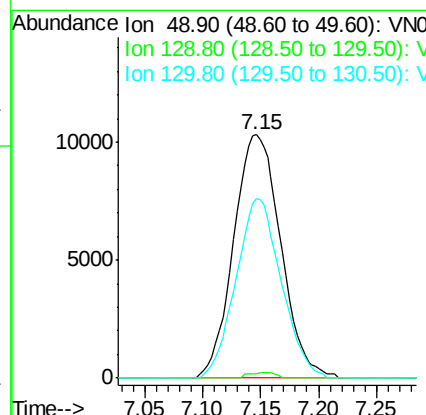
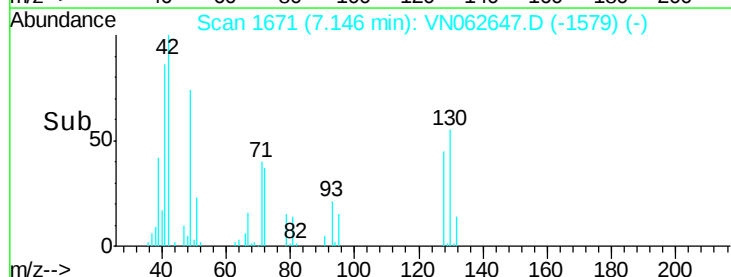
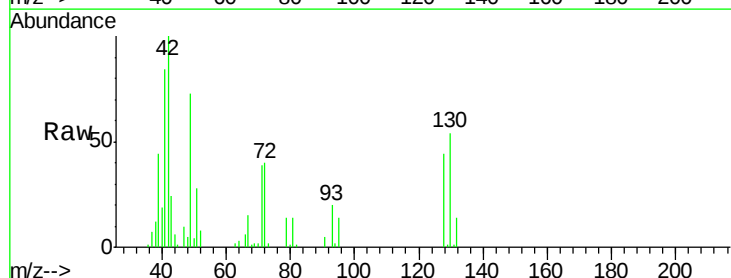
Manual Integrations
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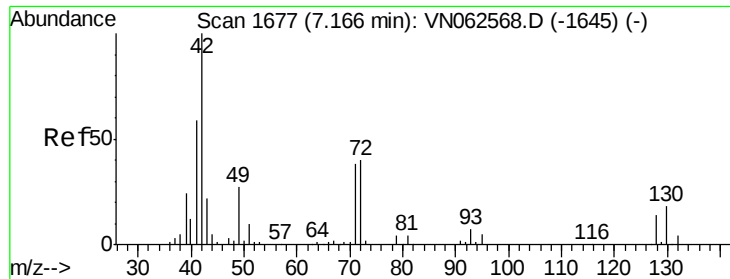
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 7/30/2020 6:21:05 PM



#28
 Bromochloromethane
 Concen: 16.357 ug/l
 RT: 7.15 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	3.4
130	70.9	49.8	74.8





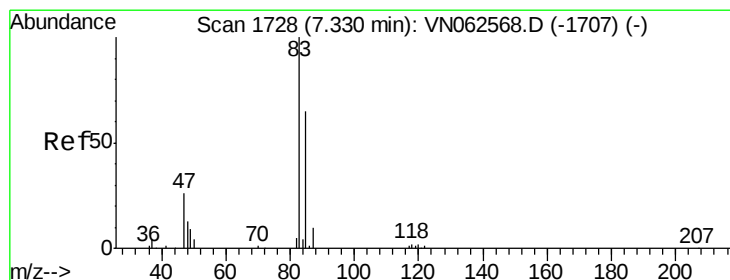
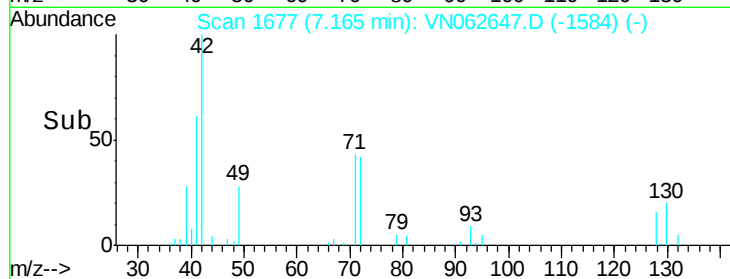
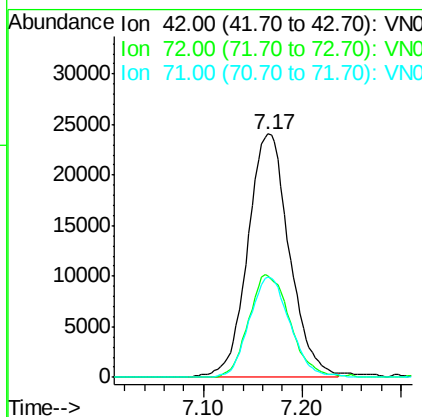
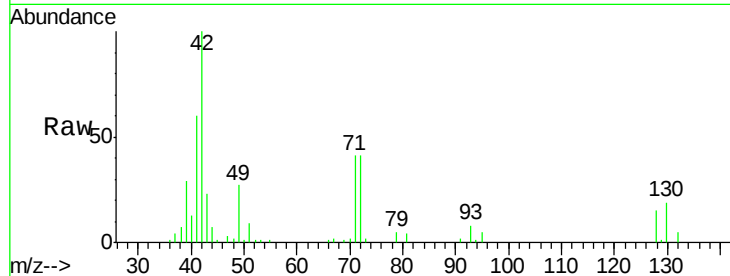
#29
Tetrahydrofuran
Concen: 80.027 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion	Ratio	Lower	Upper
42	100		
72	41.8	30.7	46.1
71	40.1	29.1	43.7

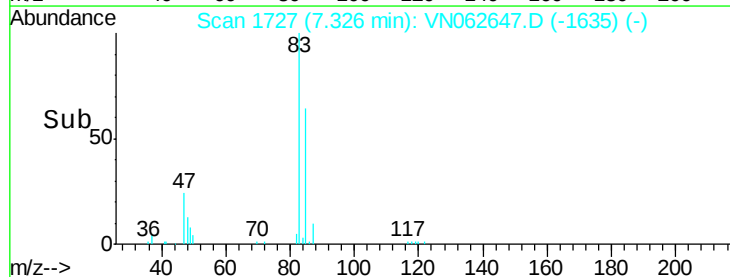
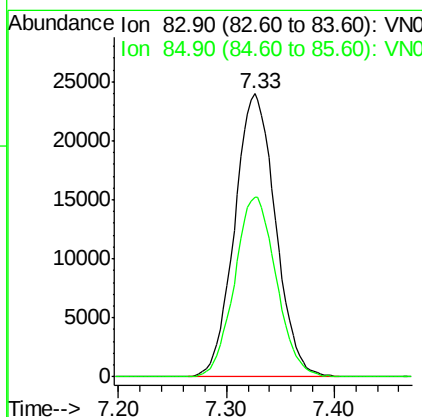
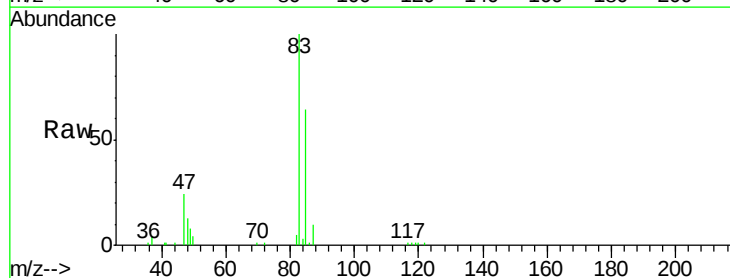
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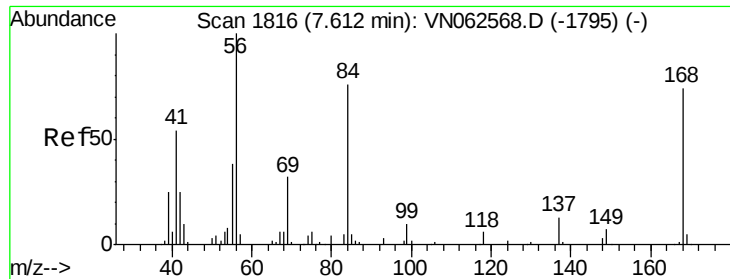
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#30
Chloroform
Concen: 18.432 ug/l
RT: 7.33 min Scan# 1727
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.6	52.0	78.0





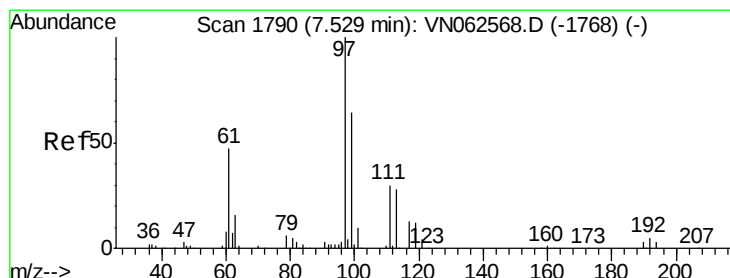
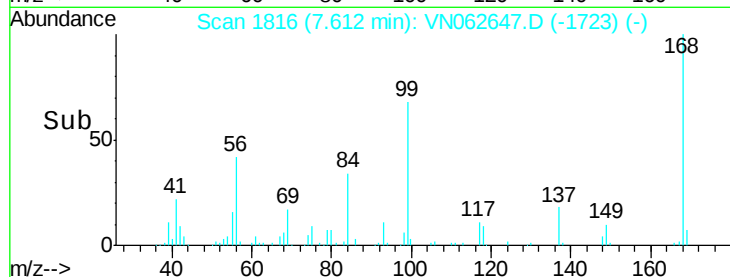
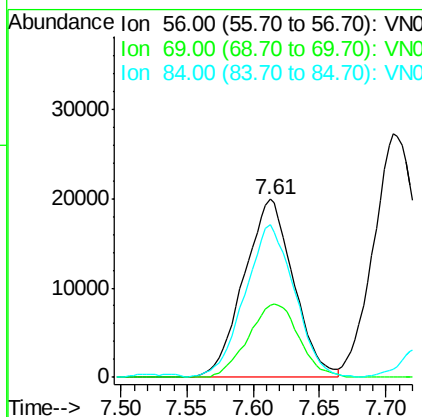
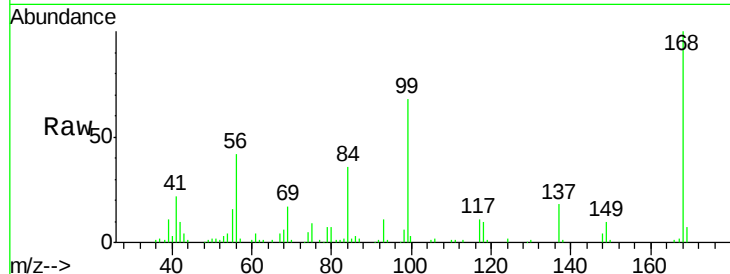
#31
Cyclohexane
Concen: 15.650 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion	Ratio	Lower	Upper
56	100		
69	40.3	25.3	37.9#
84	85.4	61.0	91.4

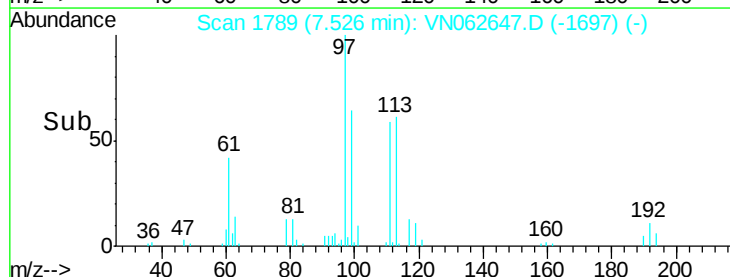
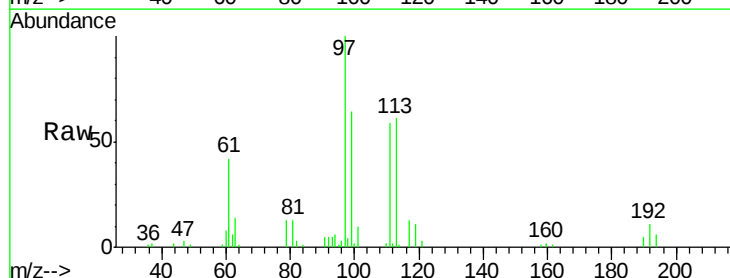
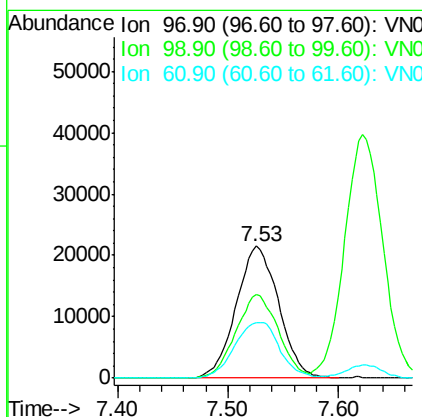
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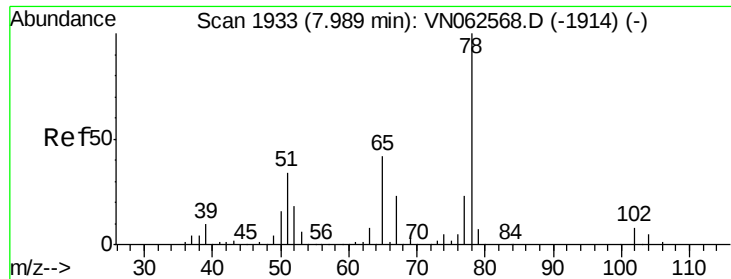
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7/30/2020 6:21:05 PM



#32
1,1,1-Trichloroethane
Concen: 19.995 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.4	51.2	76.8
61	44.8	38.4	57.6





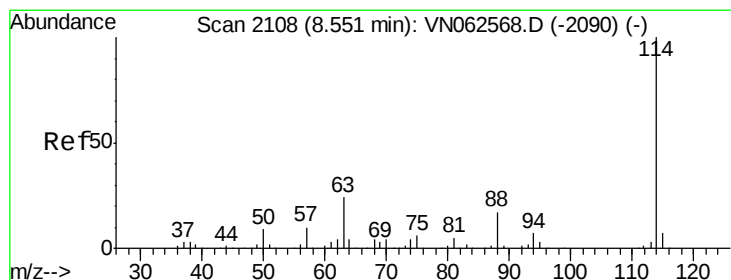
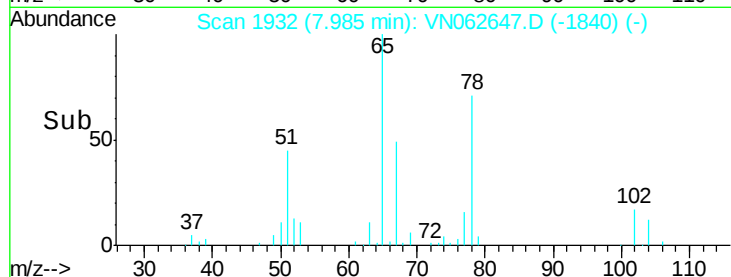
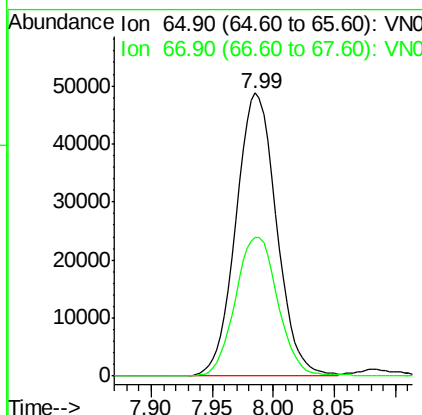
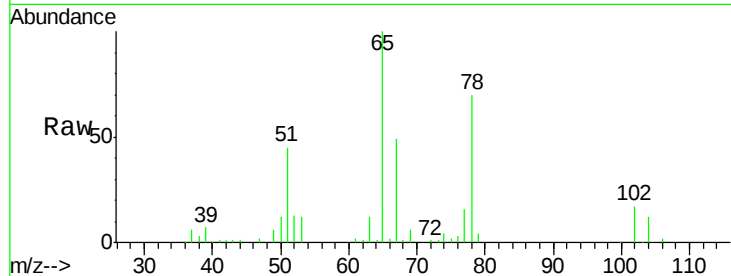
#33
 1,2-Dichloroethane-d4
 Concen: 49.627 ug/l
 RT: 7.99 min Scan# 1932
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Tgt Ion: 65 Resp: 112221
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.0

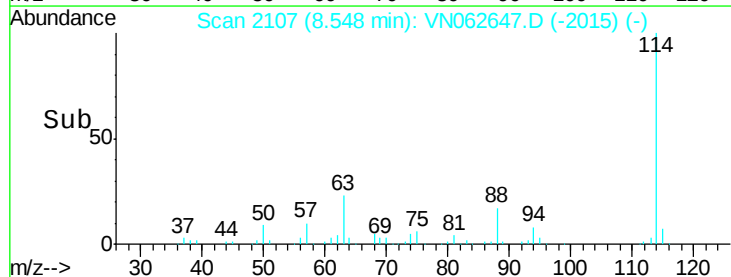
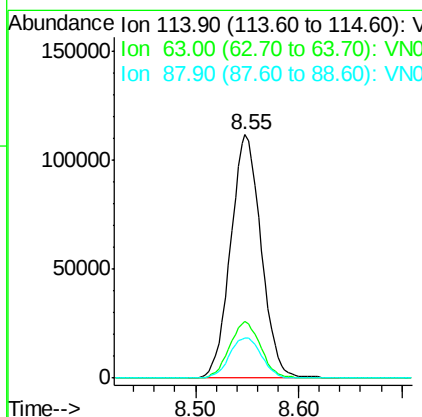
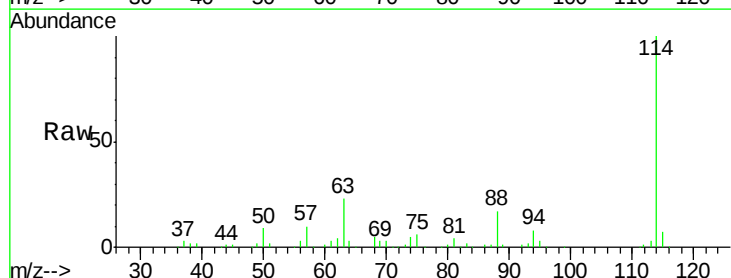
Manual Integrations
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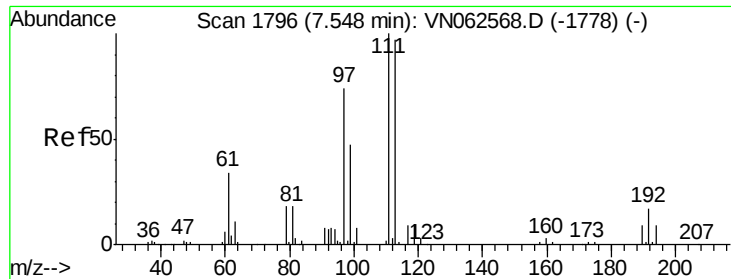
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion: 114 Resp: 230767
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 48.4
 88 16.5 0.0 33.8





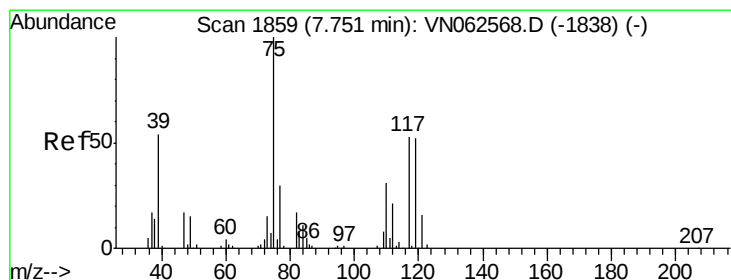
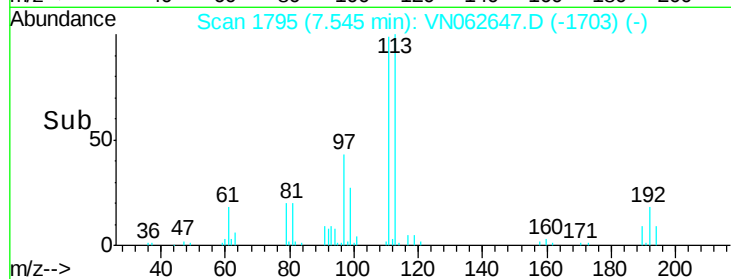
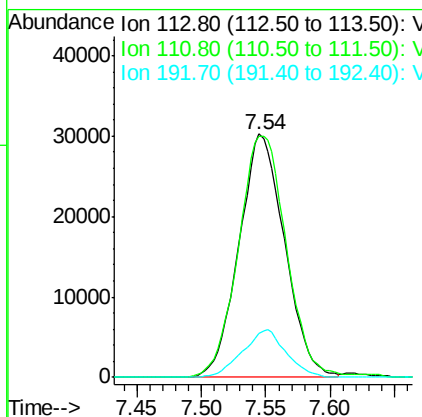
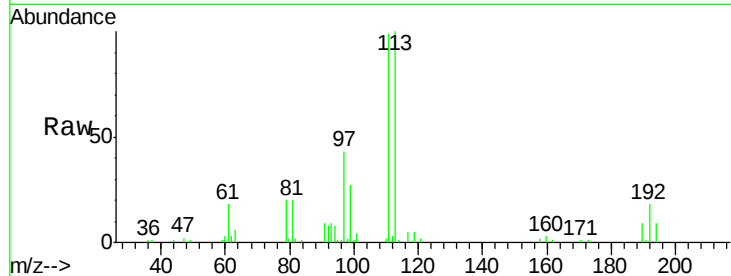
#35
 Dibromofluoromethane
 Concen: 49.218 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	74605		
111	104.1	82.7	124.1	
192	18.7	14.8	22.2	

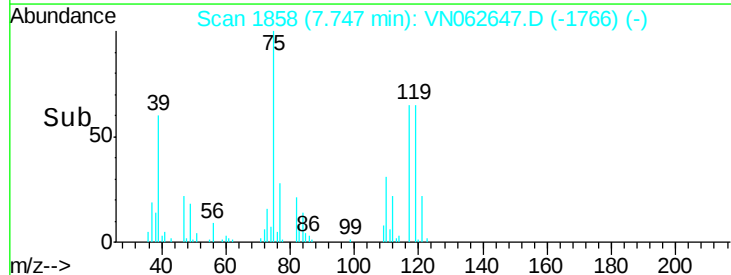
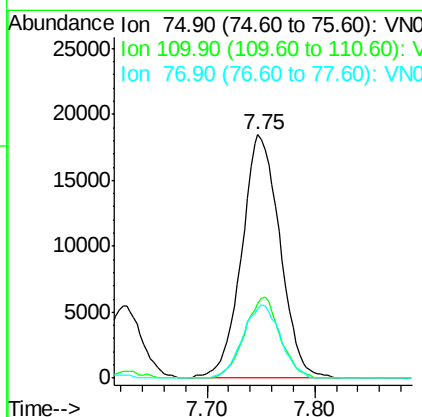
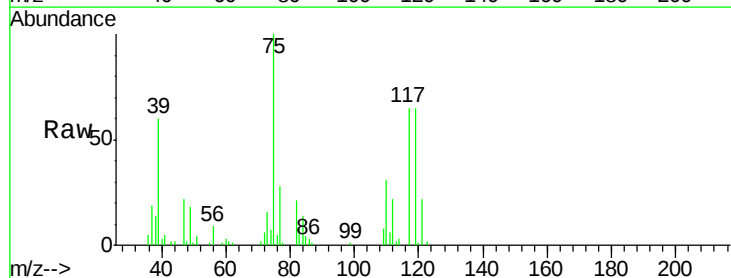
Manual Integrations
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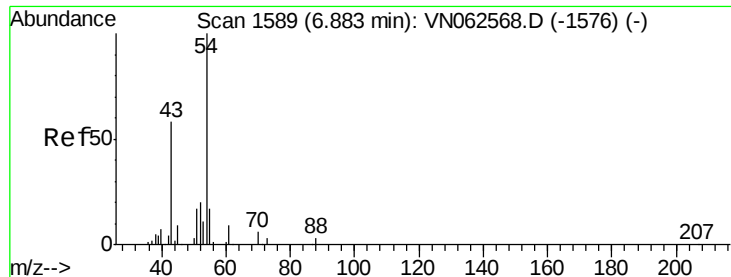
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#36
 1,1-Dichloropropene
 Concen: 18.486 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	45470		
110	30.7	16.0	48.0	
77	29.8	24.6	36.8	





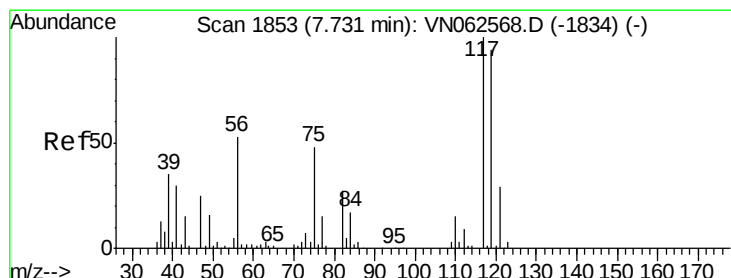
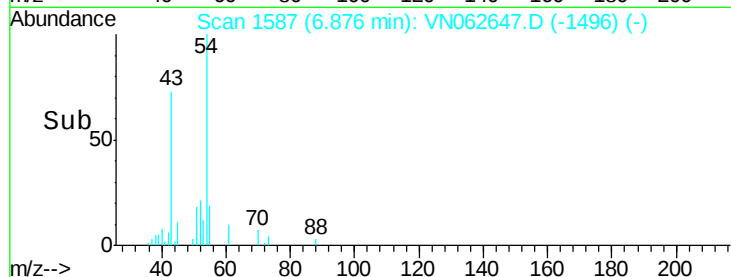
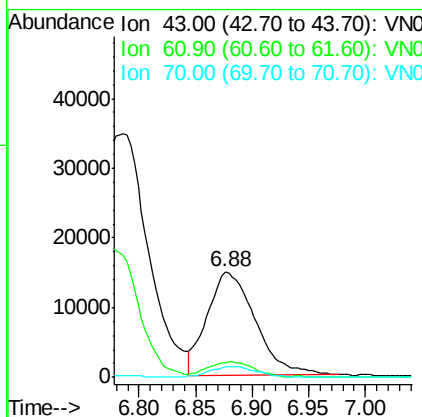
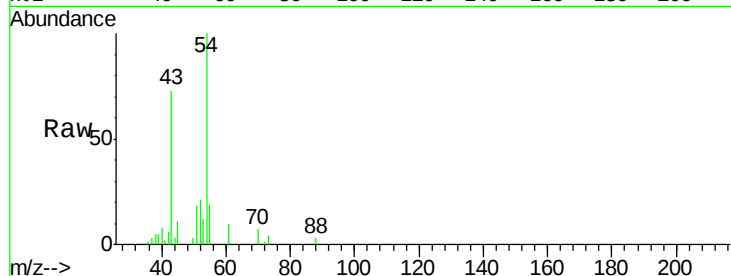
#37
 Ethyl Acetate
 Concen: 16.744 ug/l
 RT: 6.88 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.3	16.9
70	9.9	7.7	11.5

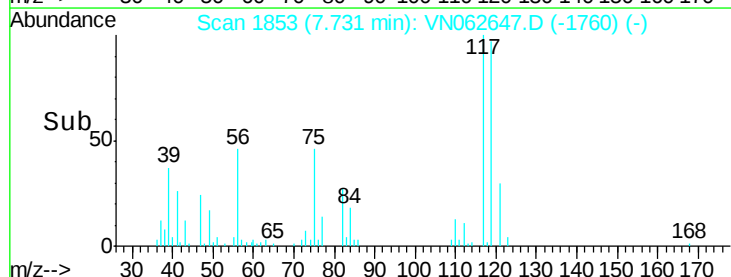
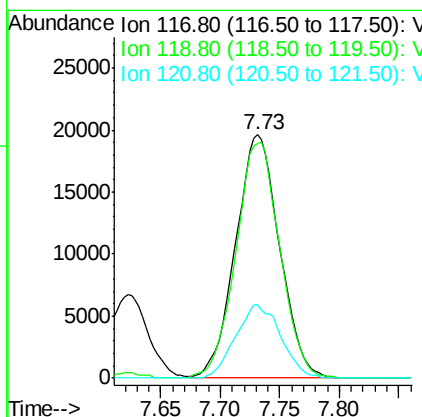
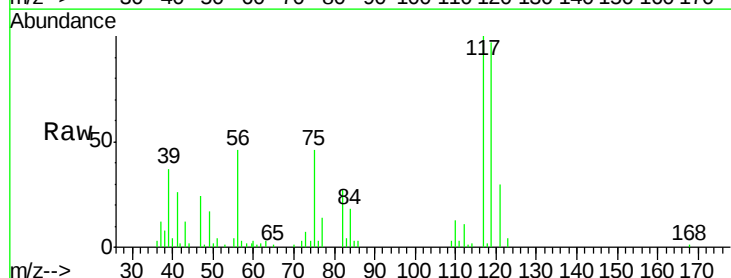
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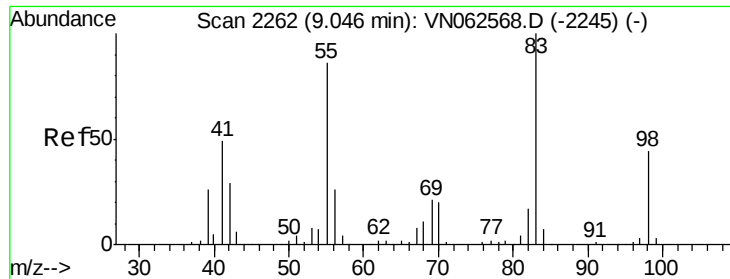
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#38
 Carbon Tetrachloride
 Concen: 21.237 ug/l
 RT: 7.73 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	74.8	112.2
121	30.4	23.0	34.6





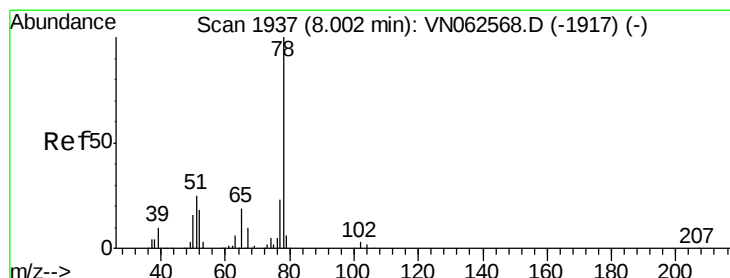
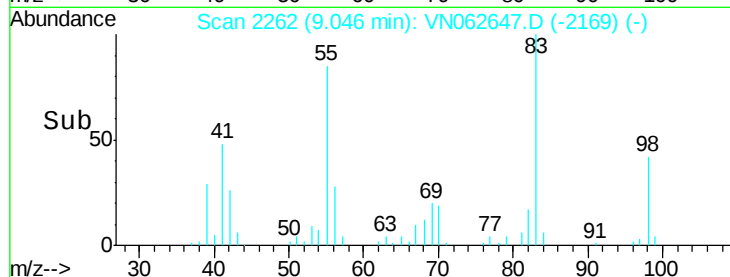
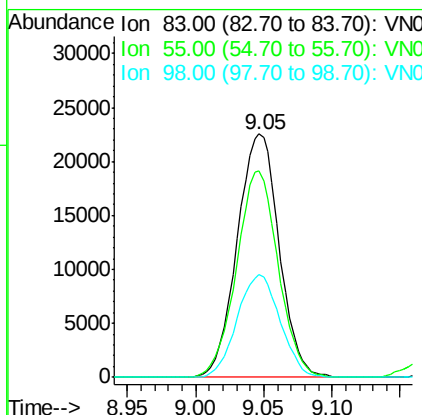
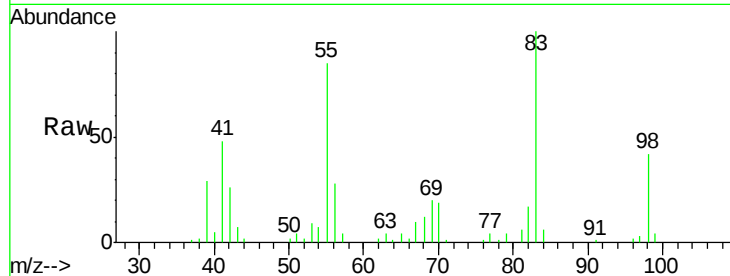
#39
Methylcyclohexane
Concen: 18.186 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	84.6	68.9	103.3
98	42.1	35.1	52.7

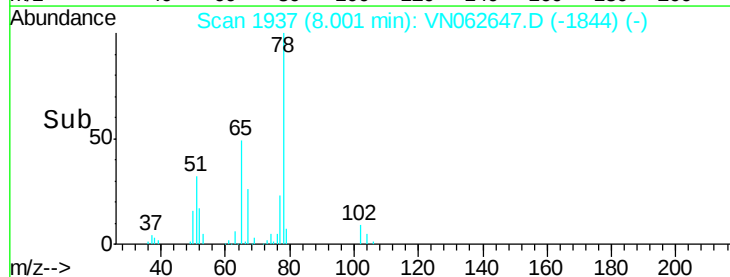
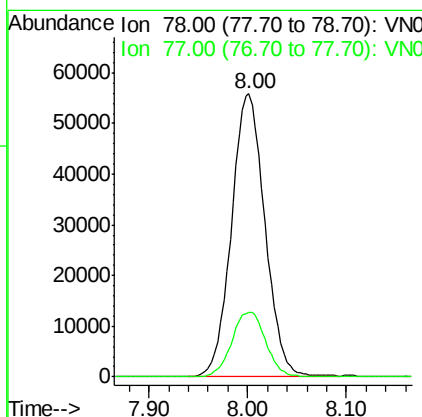
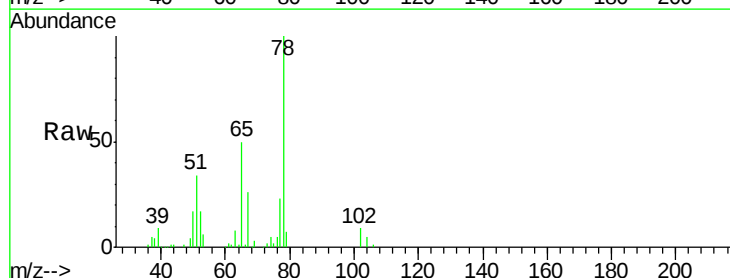
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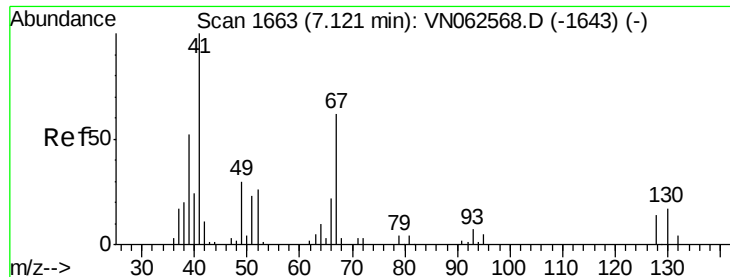
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#40
Benzene
Concen: 17.714 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.7	28.1





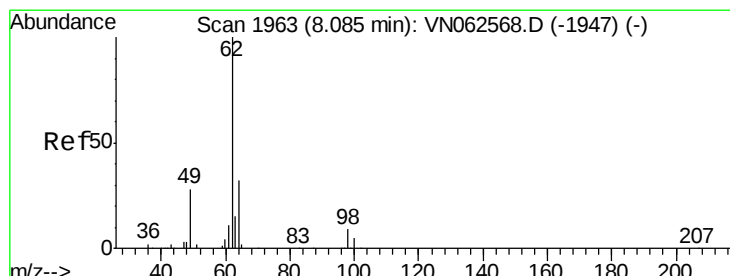
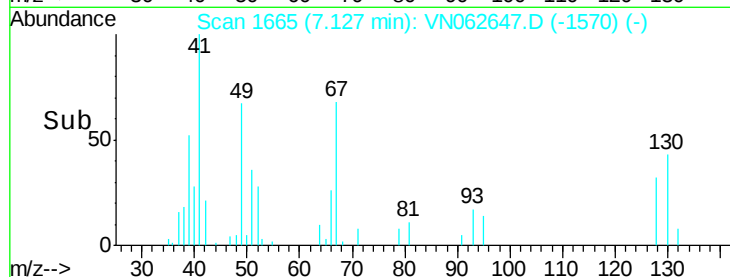
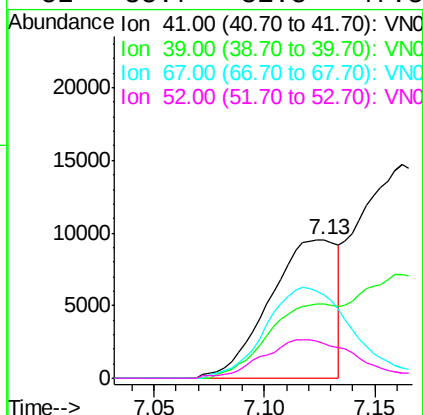
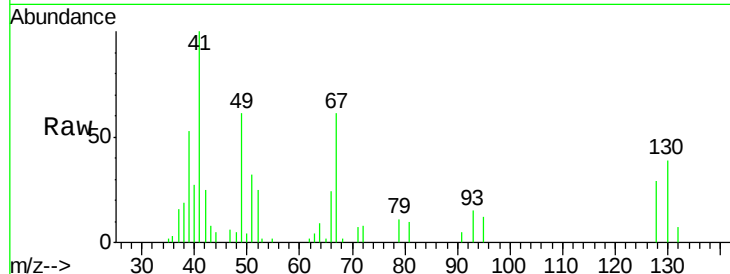
#41
Methacrylonitrile
Concen: 17.875 ug/l
RT: 7.13 min Scan# 1665
Delta R.T. 0.01 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion	Ratio	Lower	Upper
41	100		
39	54.5	55.8	83.6#
67	84.2	72.5	108.7
52	38.7	31.8	47.8

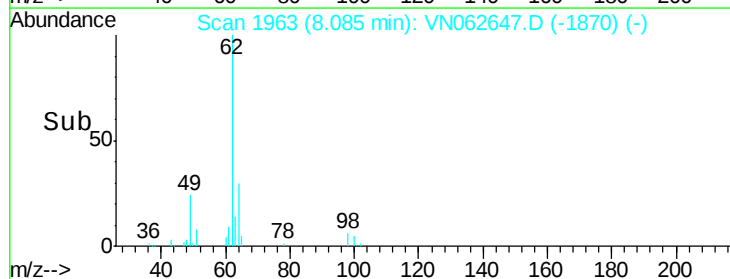
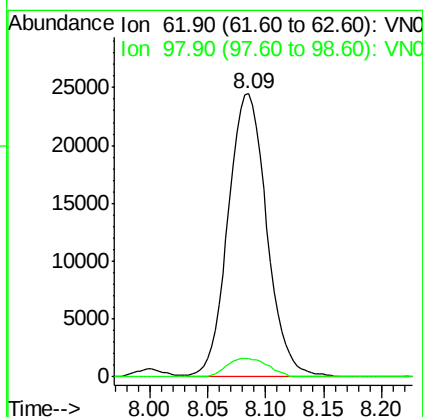
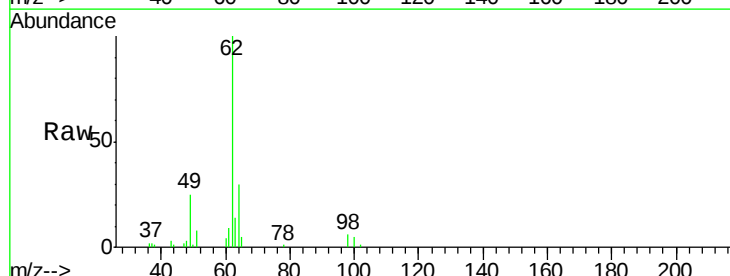
Manual Integrations
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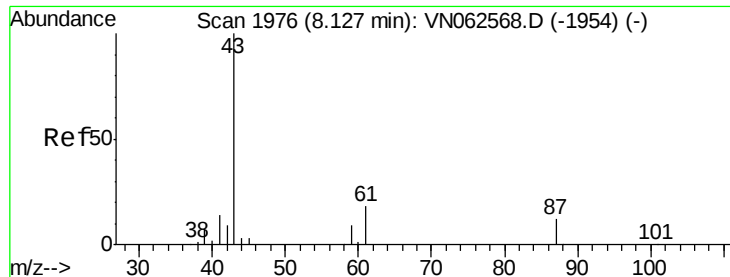
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#42
1,2-Dichloroethane
Concen: 20.873 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	7.0	0.0	16.2





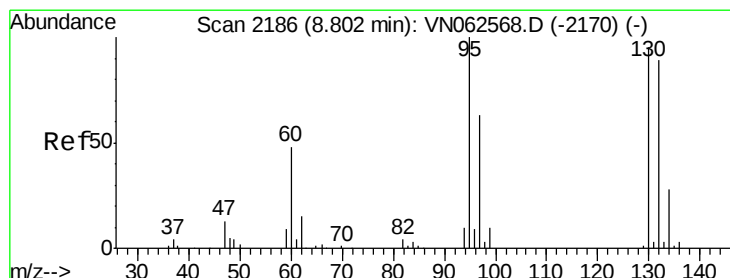
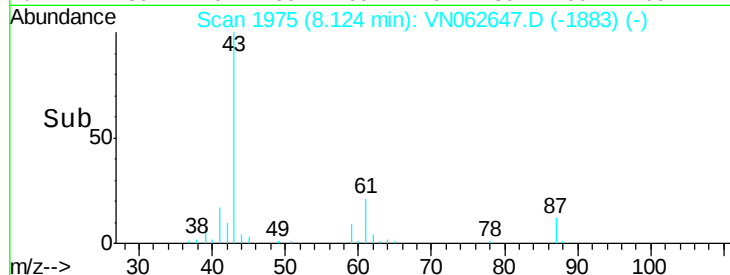
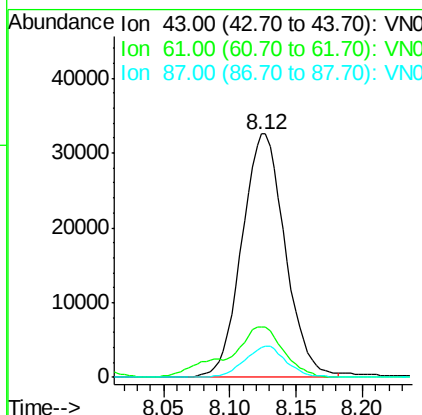
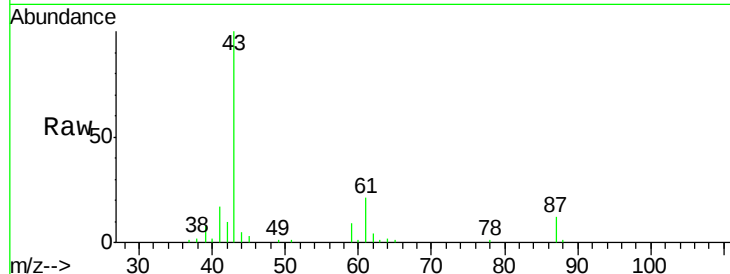
#43
Isopropyl Acetate
Concen: 17.274 ug/l
RT: 8.12 min Scan# 1975
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion	Ratio	Lower	Upper
43	100		
61	26.6	20.8	31.2
87	12.2	9.2	13.8

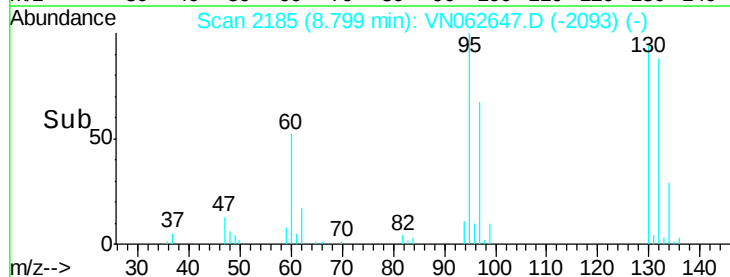
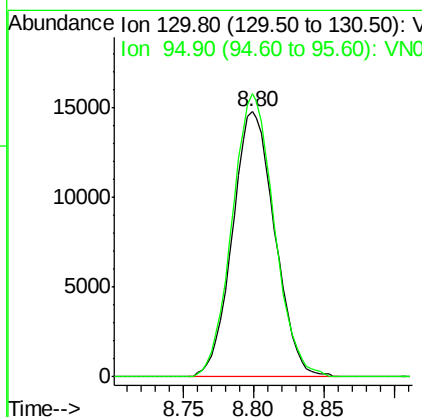
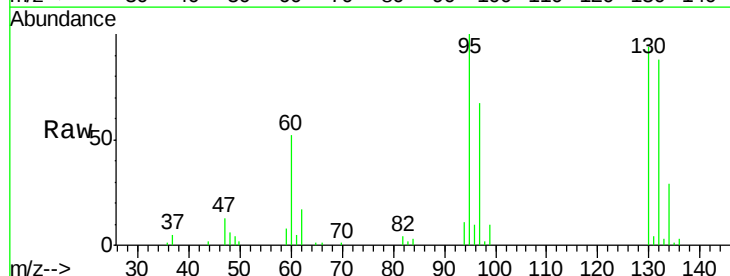
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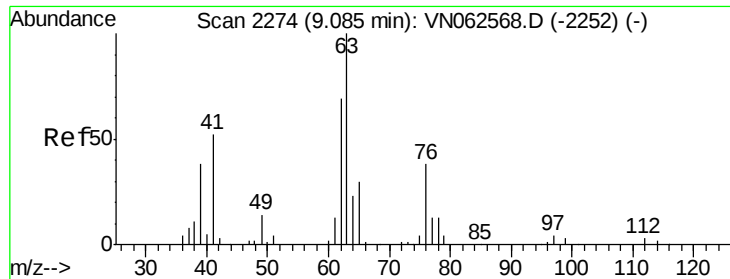
MMDadoda
7/30/2020 6:21:05 PM



#44
Trichloroethene
Concen: 18.484 ug/l
RT: 8.80 min Scan# 2185
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	106.7	0.0	210.4





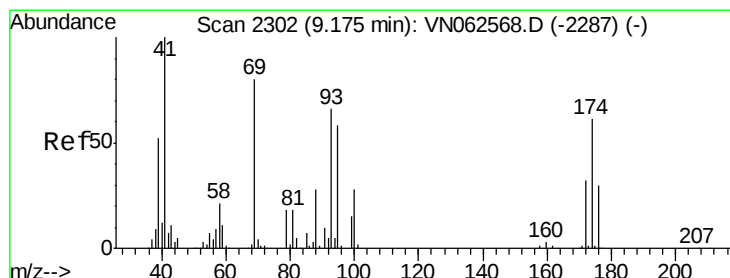
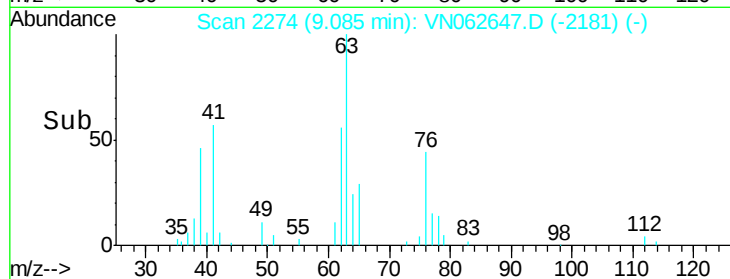
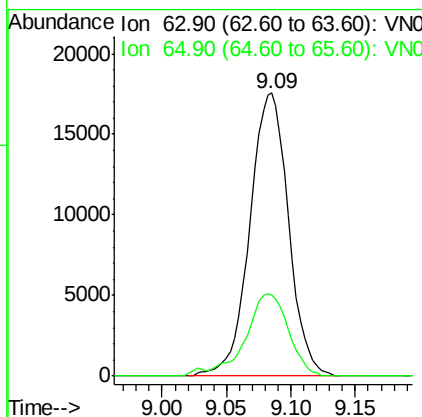
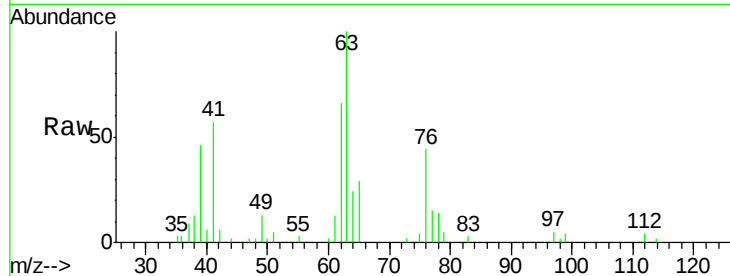
#45
 1,2-Dichloropropane
 Concen: 17.557 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Tgt Ion: 63 Resp: 36708
 Ion Ratio Lower Upper
 63 100
 65 28.6 24.4 36.6

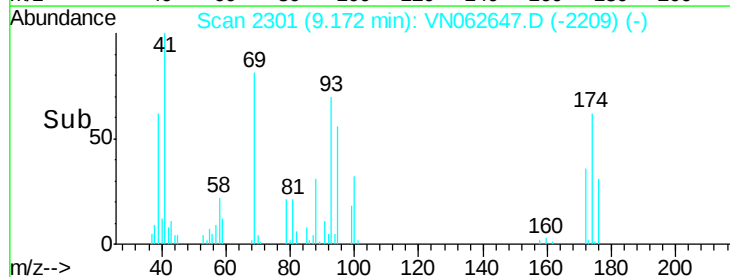
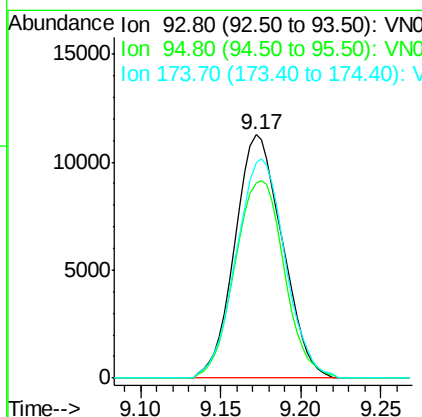
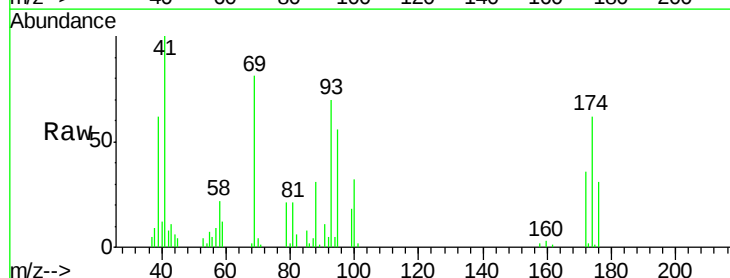
Manual Integrations
 APPROVED

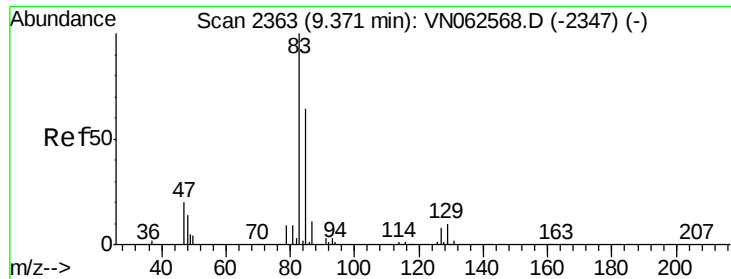
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#46
 Dibromomethane
 Concen: 18.901 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion: 93 Resp: 22841
 Ion Ratio Lower Upper
 93 100
 95 84.4 67.6 101.4
 174 93.0 72.5 108.7





#47

Bromodichloromethane

Concen: 19.379 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

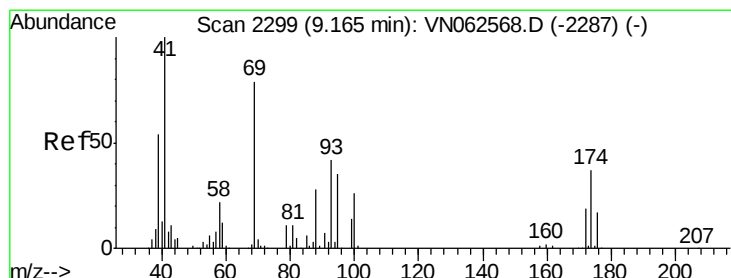
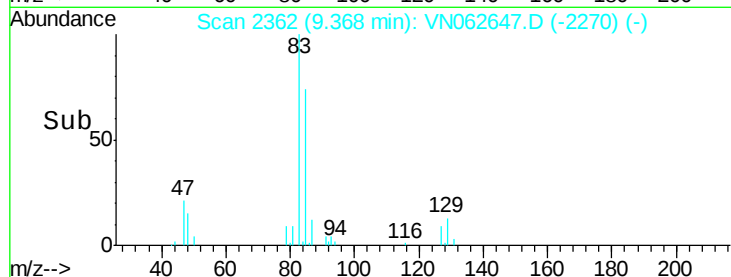
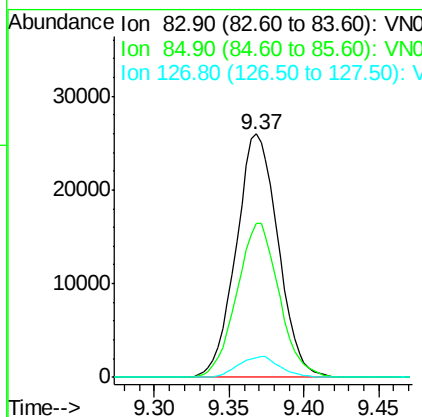
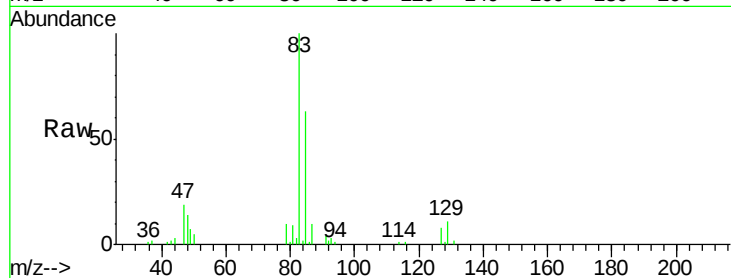
ClientSampleId :

VN0729WBSD01

Tgt Ion:	83	Resp:	50734
Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.6	77.4
127	8.0	6.2	9.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 17.667 ug/l

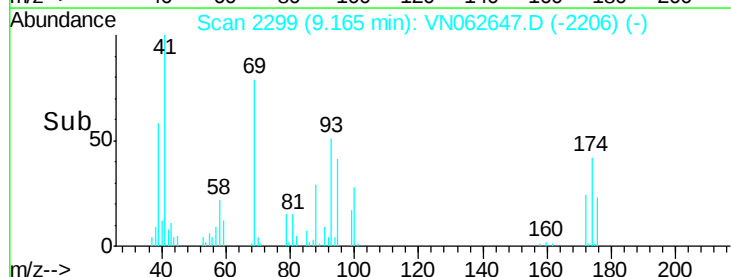
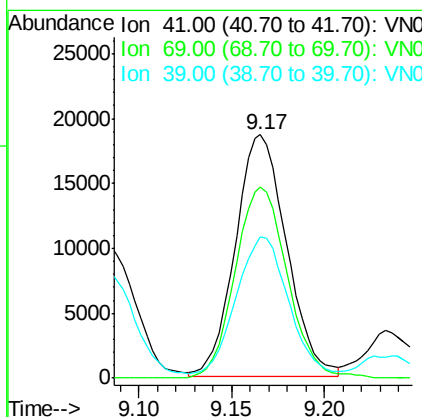
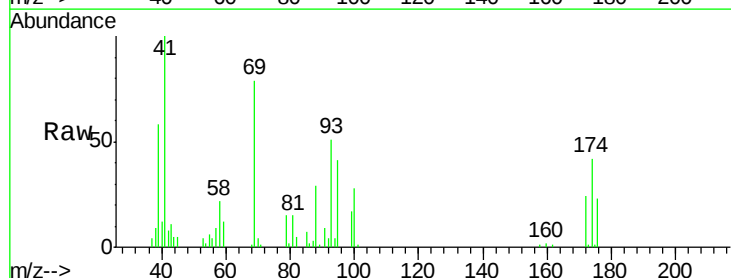
RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Tgt Ion:	41	Resp:	35897
Ion	Ratio	Lower	Upper
41	100		
69	80.0	64.4	96.6
39	59.3	43.5	65.3





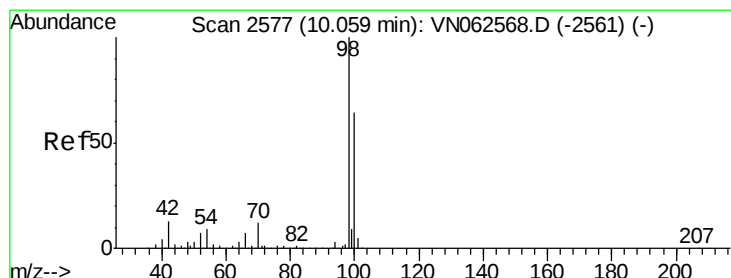
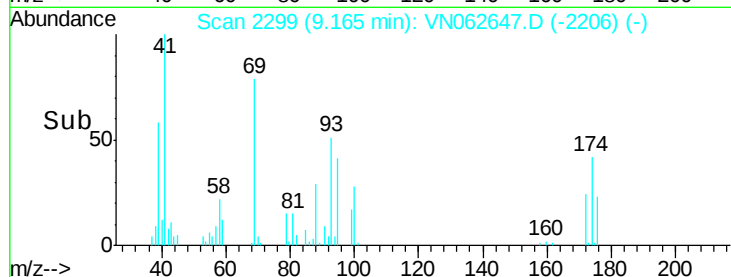
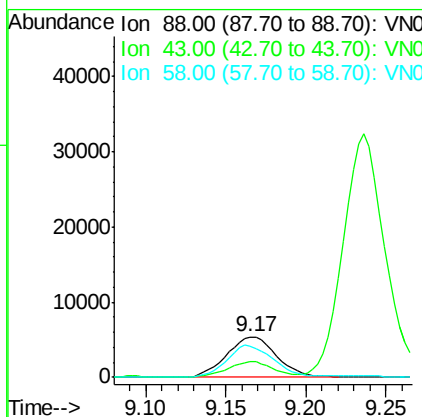
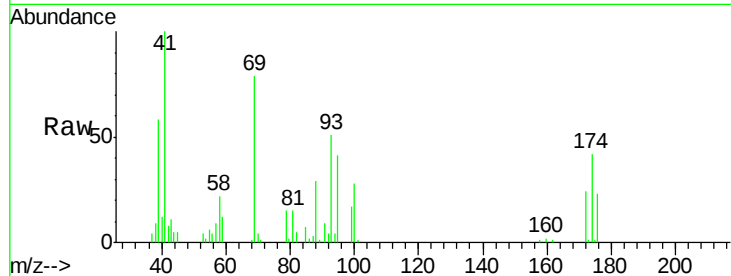
#49
1,4-Dioxane
Concen: 367.414 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion	Ratio	Lower	Upper
88	100		
43	36.7	32.0	48.0
58	74.4	62.8	94.2

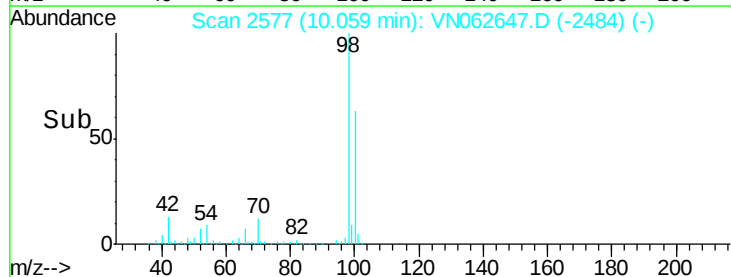
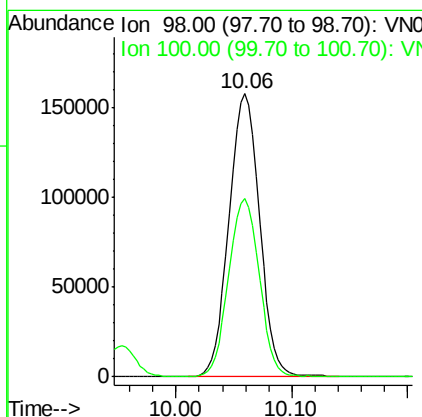
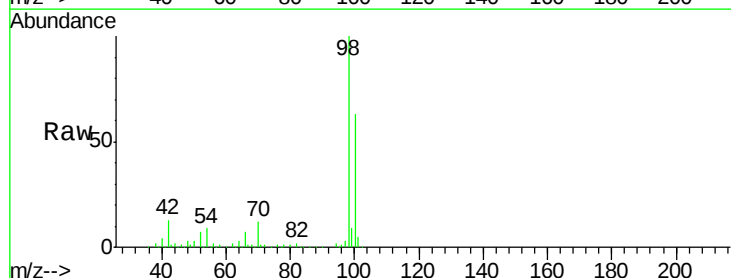
Manual Integrations
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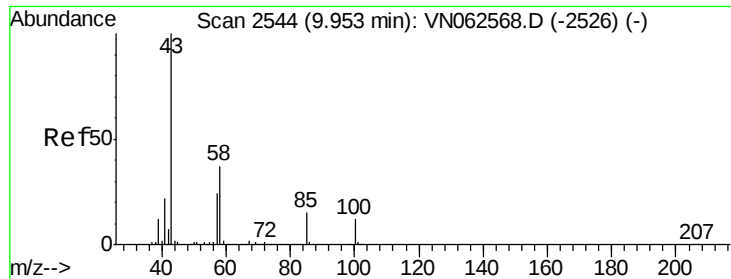
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#50
Toluene-d8
Concen: 47.613 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.3	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 87.177 ug/l

RT: 9.95 min Scan# 2543

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

Tgt Ion: 43 Resp: 222956

Ion Ratio Lower Upper

43 100

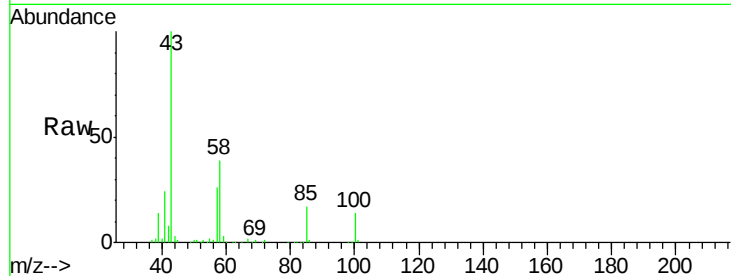
58 38.6 29.8 44.6

Manual Integrations

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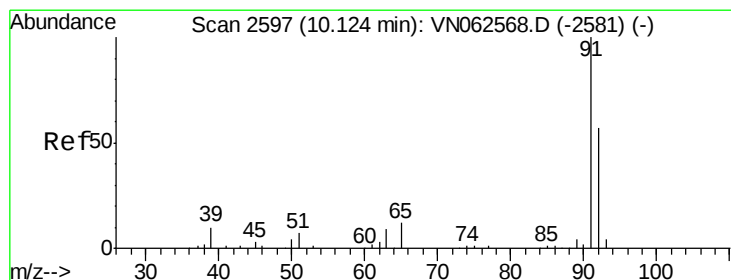
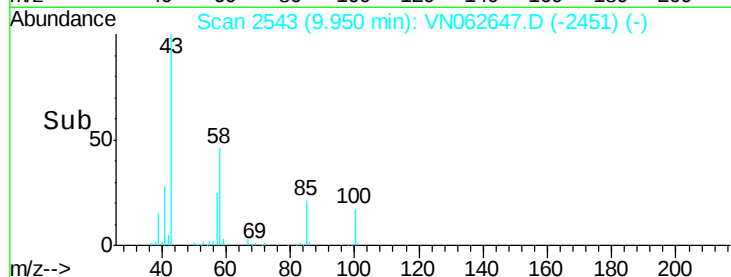
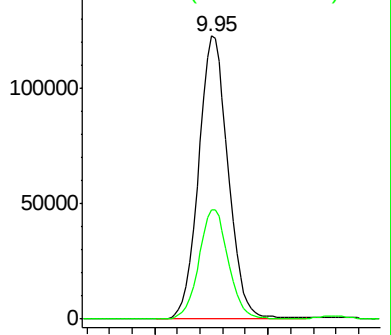
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 18.217 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062647.D

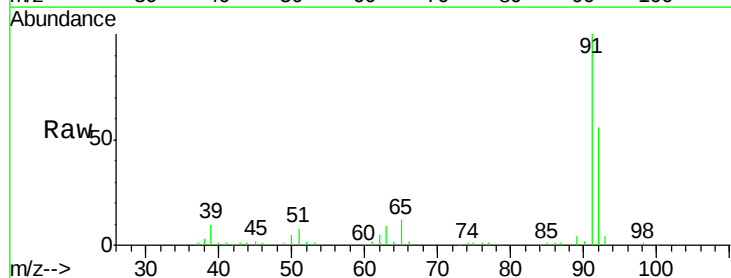
Acq: 29 Jul 2020 12:14

Tgt Ion: 92 Resp: 78774

Ion Ratio Lower Upper

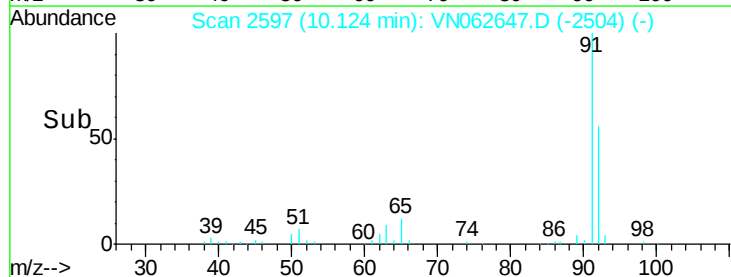
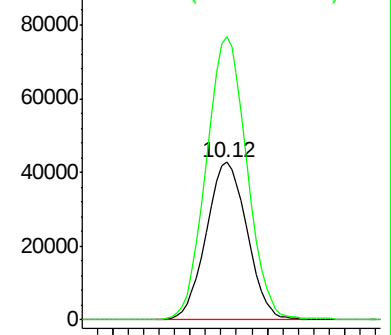
92 100

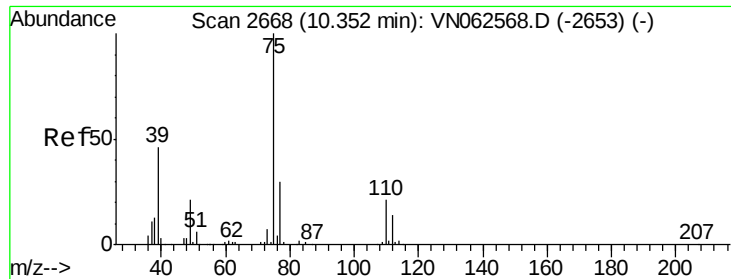
91 178.4 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





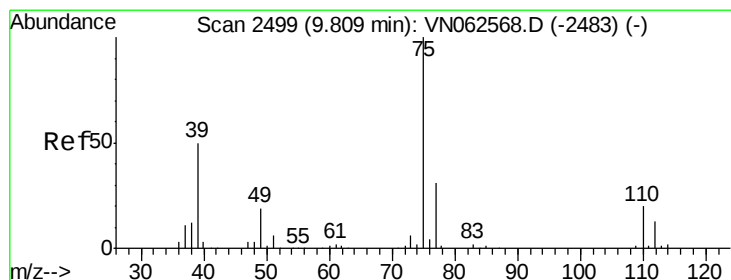
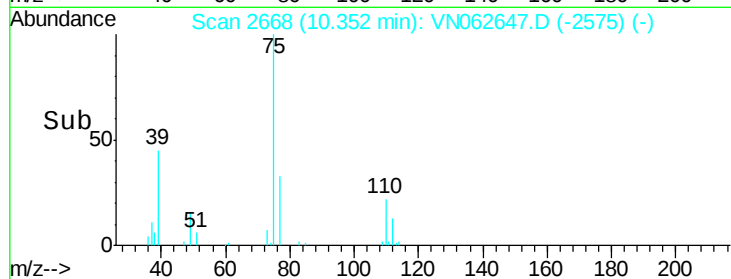
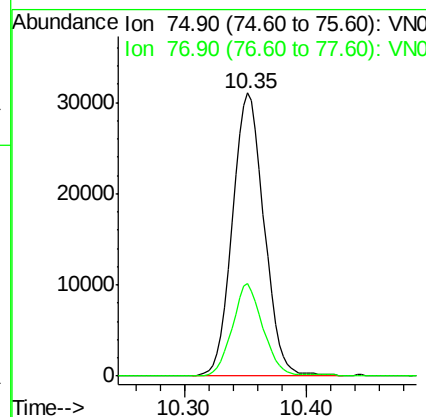
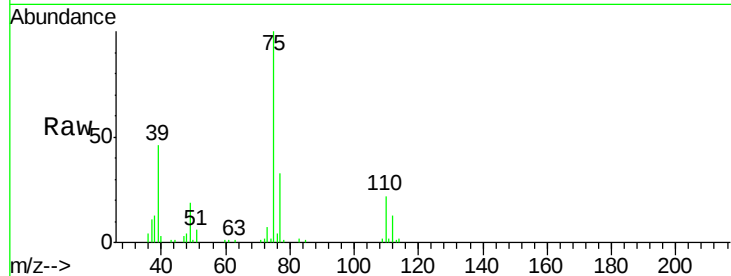
#53
 t-1,3-Dichloropropene
 Concen: 19.240 ug/l
 RT: 10.35 min Scan# 2668
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Tgt Ion: 75 Resp: 56074
 Ion Ratio Lower Upper
 75 100
 77 32.7 24.3 36.5

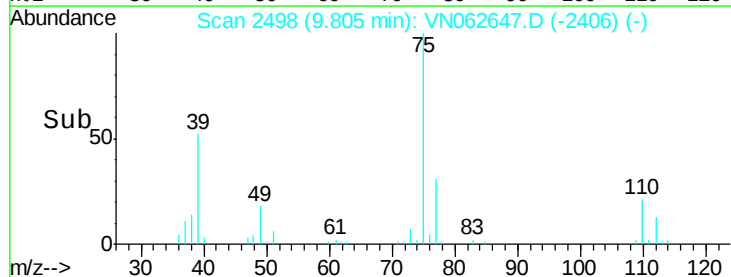
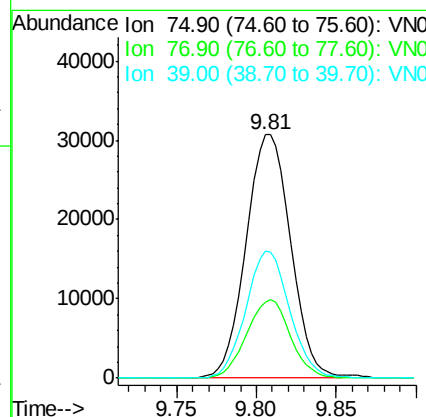
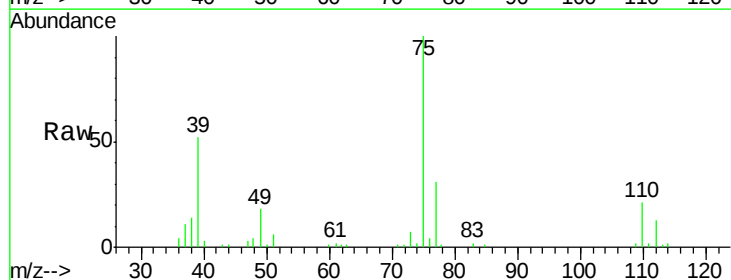
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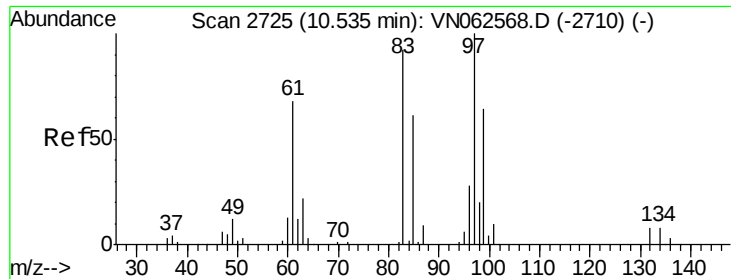
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#54
 cis-1,3-Dichloropropene
 Concen: 18.724 ug/l
 RT: 9.81 min Scan# 2498
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion: 75 Resp: 58557
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.6
 39 52.1 39.8 59.8





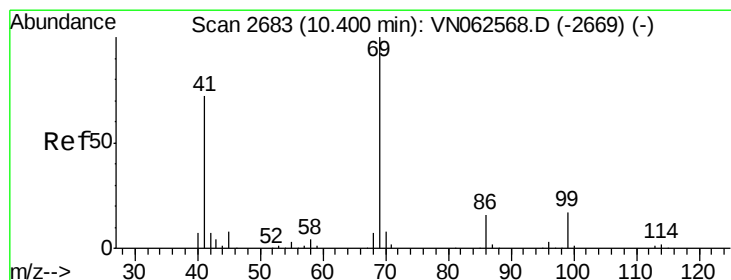
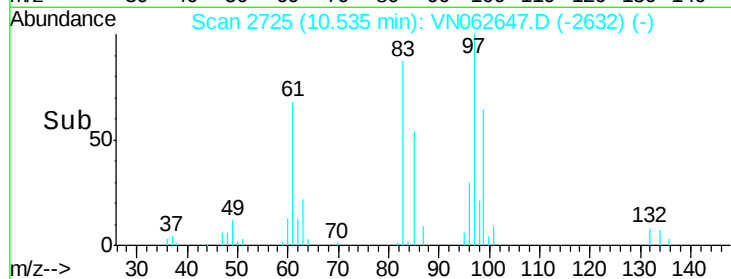
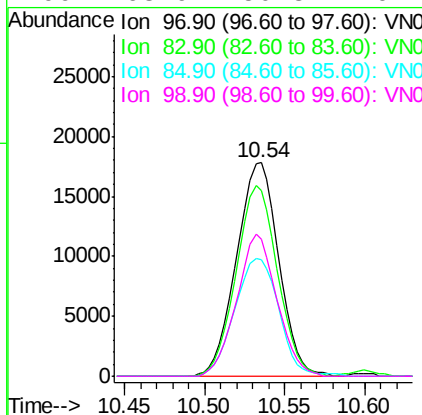
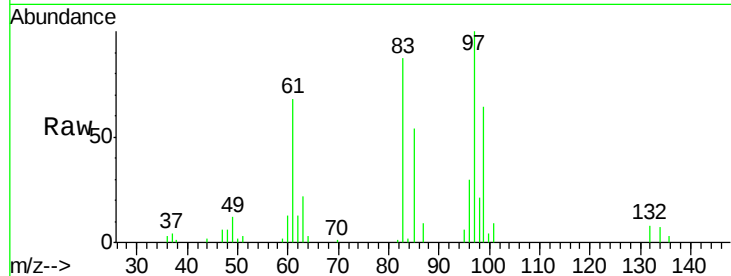
#55
 1,1,2-Trichloroethane
 Concen: 19.145 ug/l
 RT: 10.54 min Scan# 2725
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Tgt Ion:	97	Resp:	32112
Ion	Ratio	Lower	Upper
97	100		
83	86.8	73.7	110.5
85	54.3	48.5	72.7
99	63.9	50.8	76.2

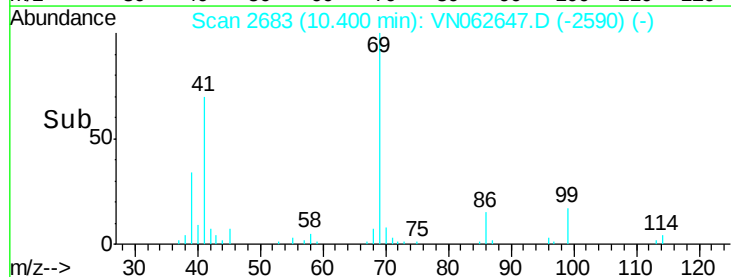
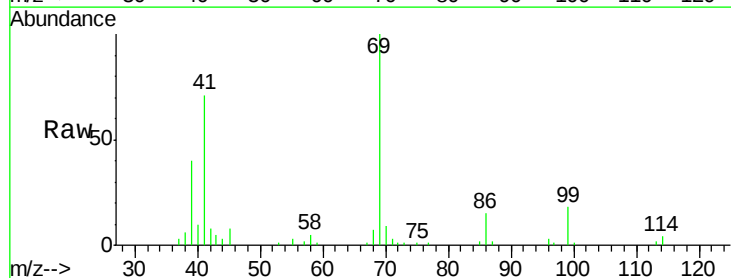
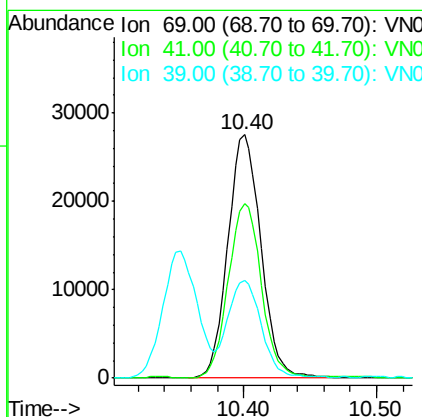
Manual Integrations
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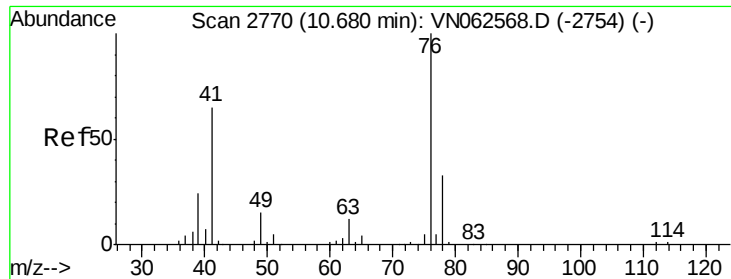
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#56
 Ethyl methacrylate
 Concen: 17.097 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion:	69	Resp:	47858
Ion	Ratio	Lower	Upper
69	100		
41	71.9	57.2	85.8
39	41.2	28.6	43.0





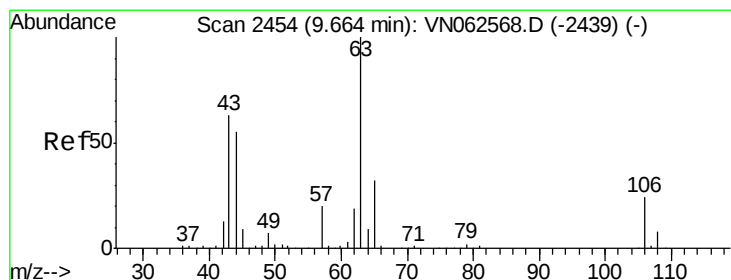
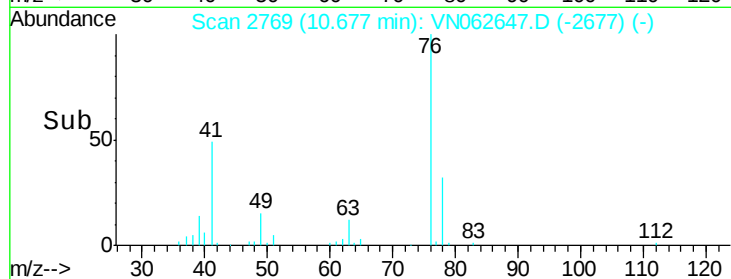
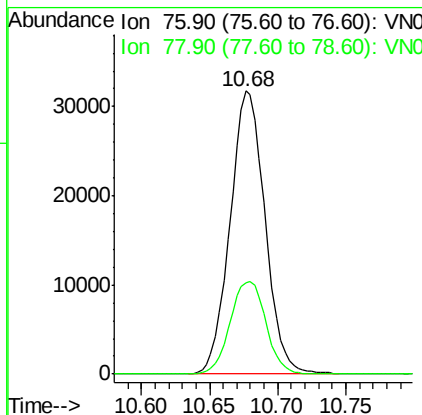
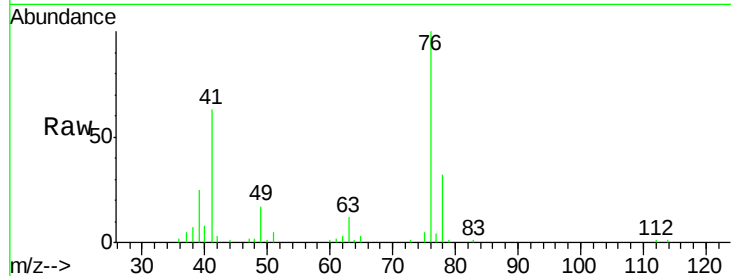
#57
 1,3-Dichloropropane
 Concen: 18.398 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Tgt Ion: 76 Resp: 56532
 Ion Ratio Lower Upper
 76 100
 78 33.5 26.3 39.5

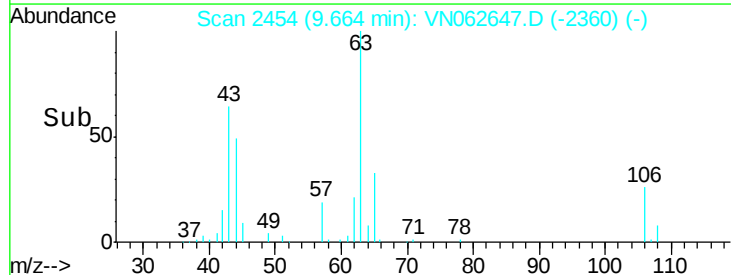
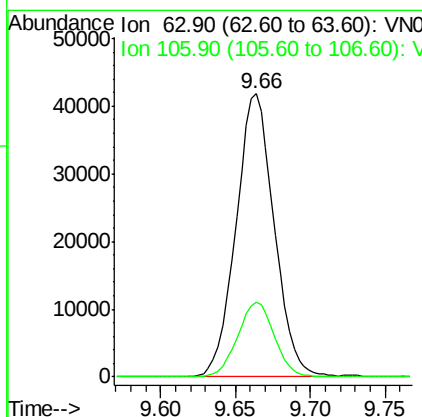
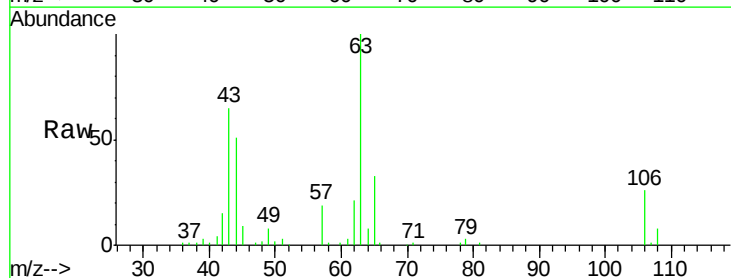
Manual Integrations
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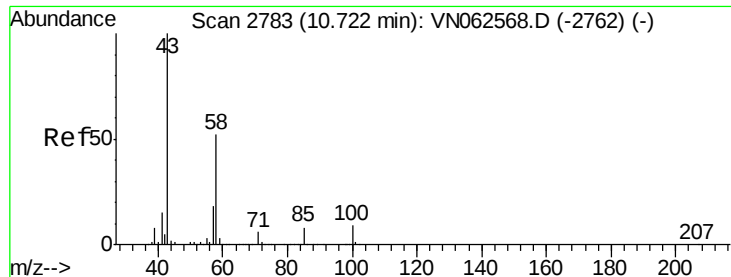
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#58
 2-Chloroethyl Vinyl ether
 Concen: 93.003 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion: 63 Resp: 74222
 Ion Ratio Lower Upper
 63 100
 106 25.2 18.9 28.3





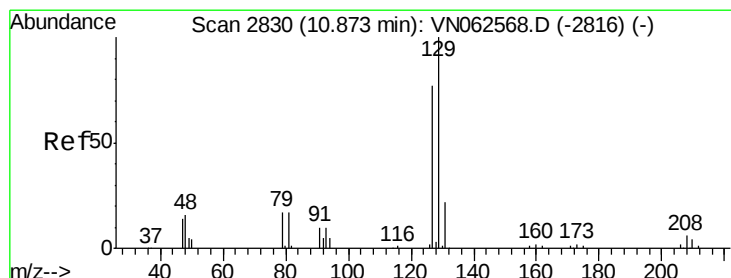
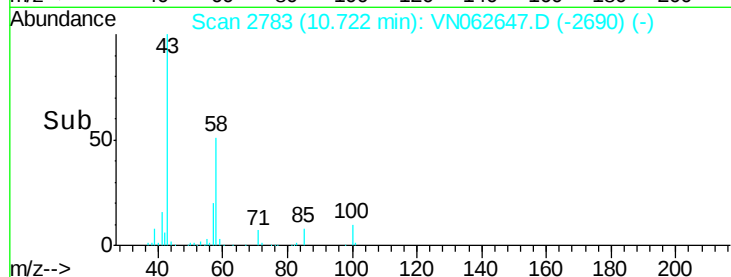
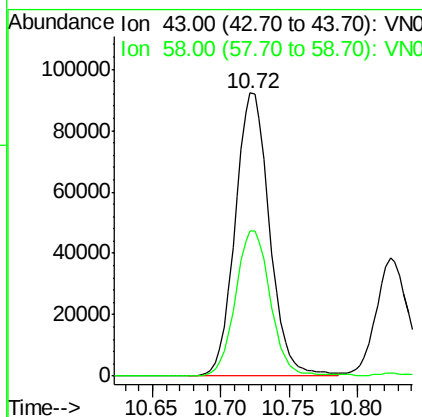
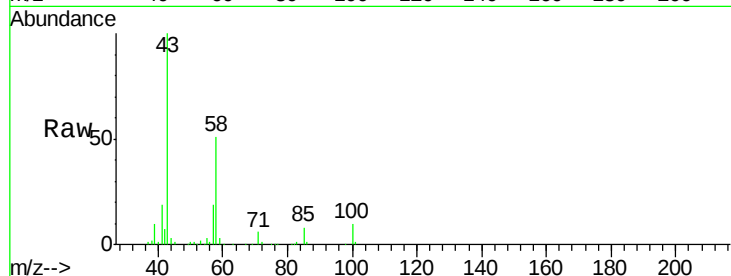
#59
2-Hexanone
Concen: 83.739 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion: 43 Resp: 161689
Ion Ratio Lower Upper
43 100
58 52.2 26.0 78.0

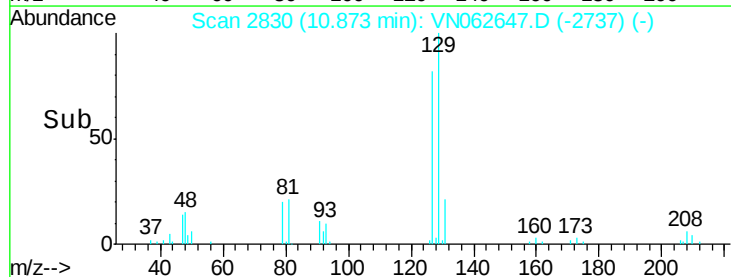
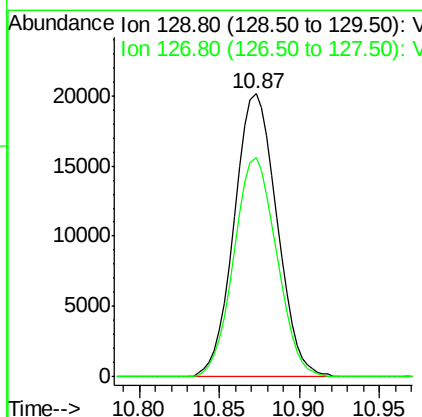
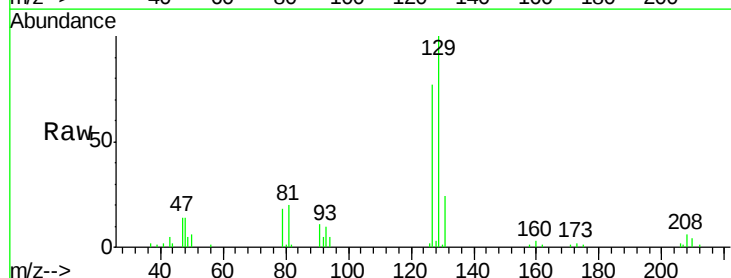
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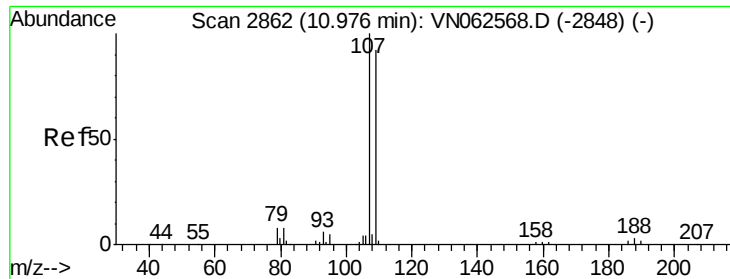
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7/30/2020 6:21:05 PM



#60
Dibromochloromethane
Concen: 19.628 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion: 129 Resp: 36727
Ion Ratio Lower Upper
129 100
127 77.4 38.0 113.9





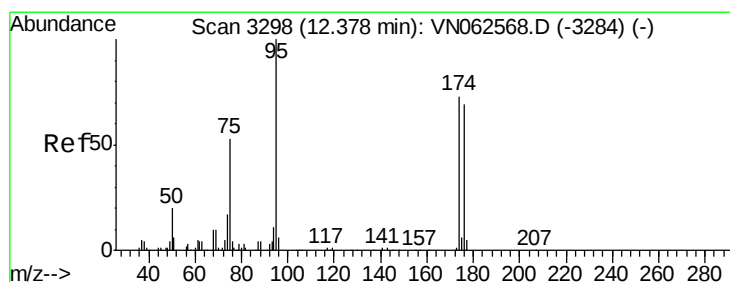
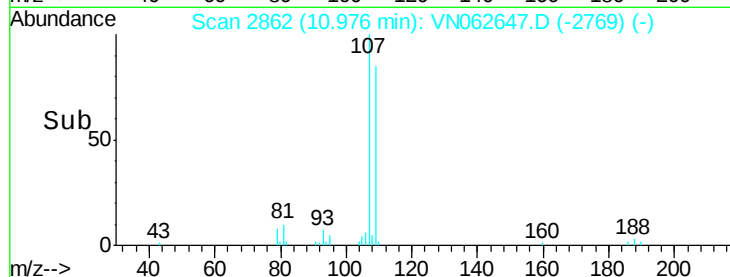
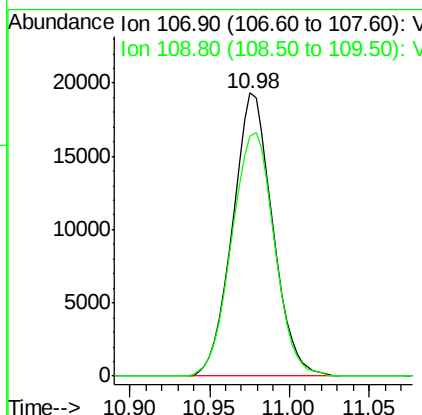
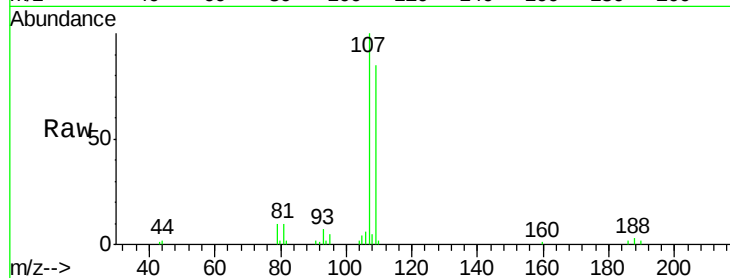
#61
1,2-Dibromoethane
Concen: 18.831 ug/l
RT: 10.98 min Scan# 2862
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion: 107 Resp: 32889
Ion Ratio Lower Upper
107 100
109 91.9 73.8 110.6

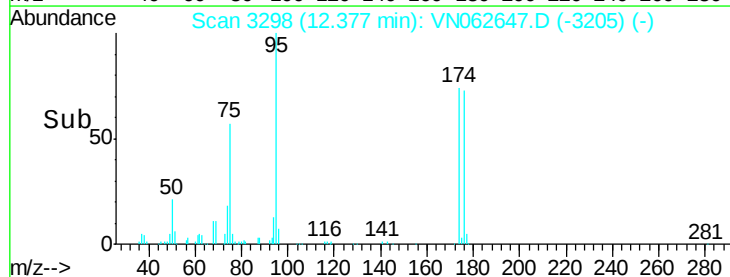
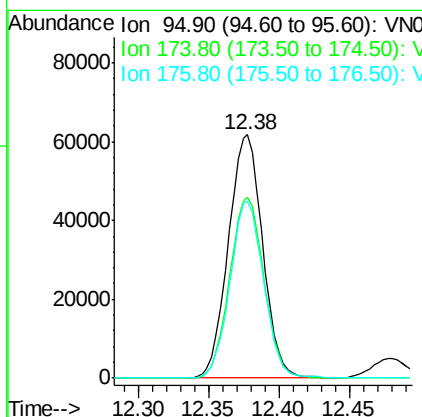
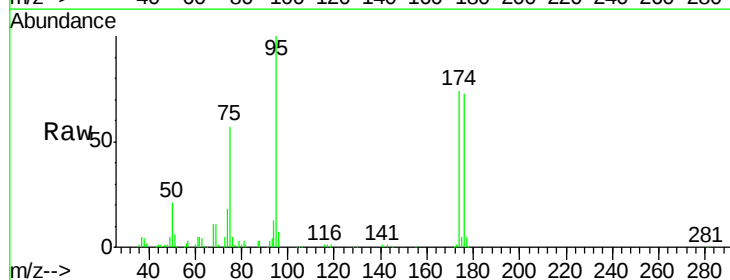
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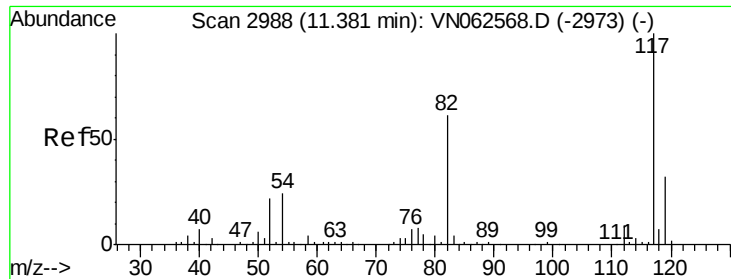
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7/30/2020 6:21:05 PM



#62
4-Bromofluorobenzene
Concen: 47.384 ug/l
RT: 12.38 min Scan# 3298
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion: 95 Resp: 104785
Ion Ratio Lower Upper
95 100
174 74.4 0.0 144.6
176 71.7 0.0 139.4





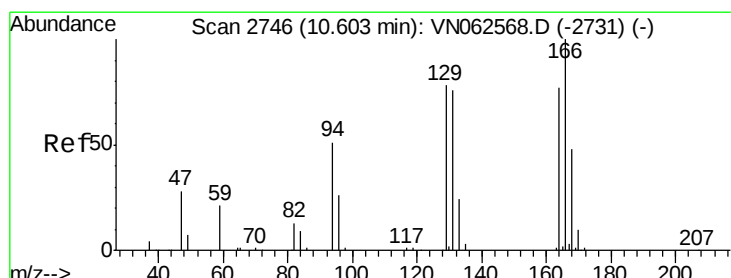
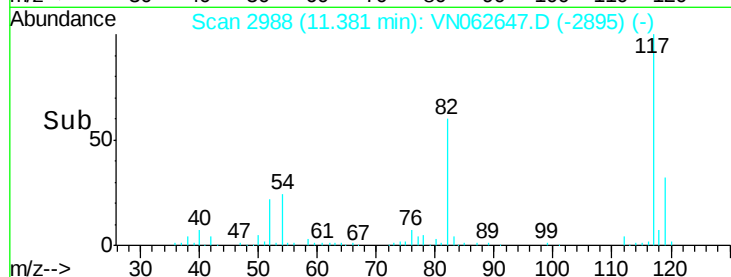
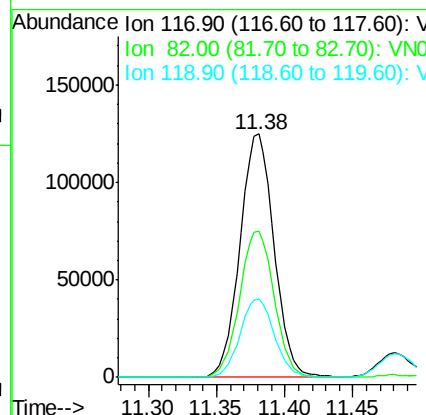
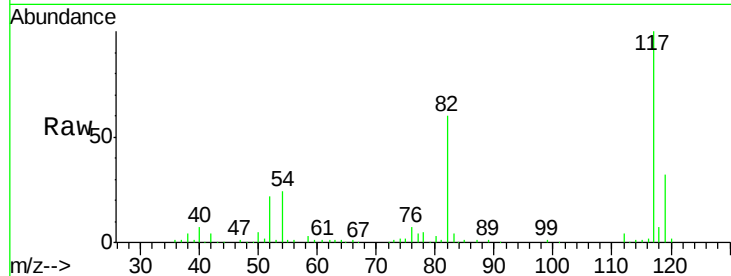
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	216734		
82	59.9	49.0	73.6	
119	32.1	25.4	38.2	

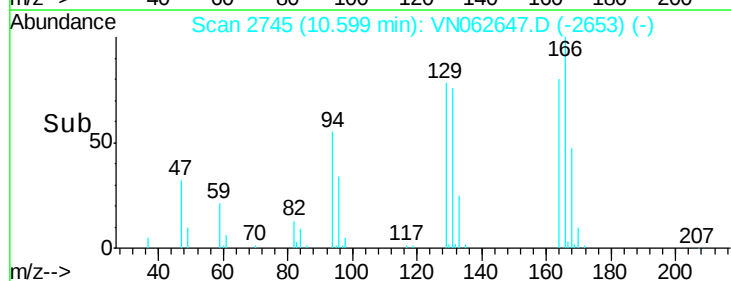
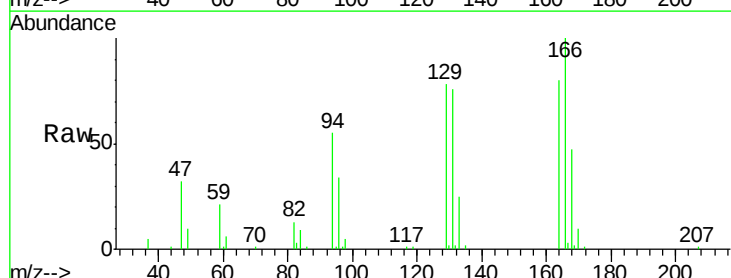
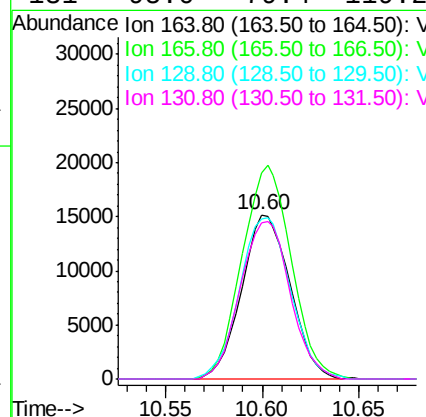
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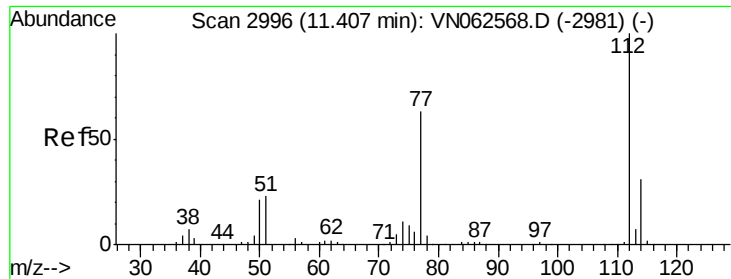
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7/30/2020 6:21:05 PM



#64
Tetrachloroethene
Concen: 18.833 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	26520		
166	125.3	104.4	156.6	
129	97.5	81.0	121.4	
131	95.0	79.4	119.2	





#65

Chlorobenzene

Concen: 18.615 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

Tgt Ion:112 Resp: 84581

Ion Ratio Lower Upper

112 100

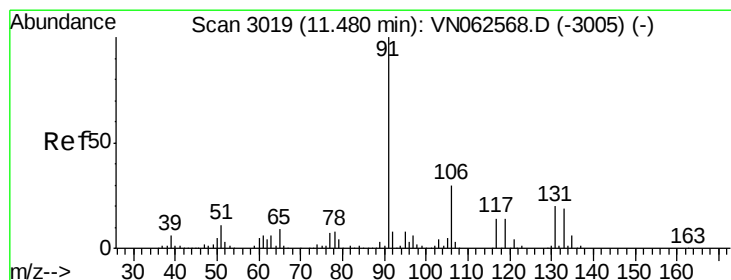
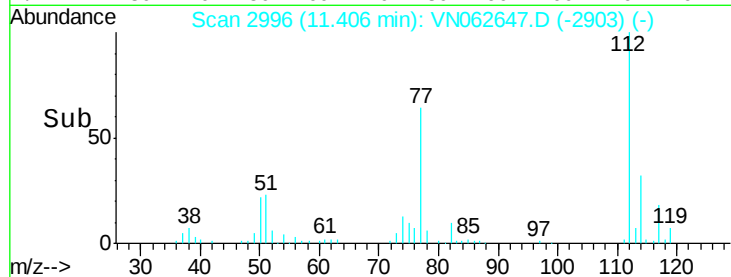
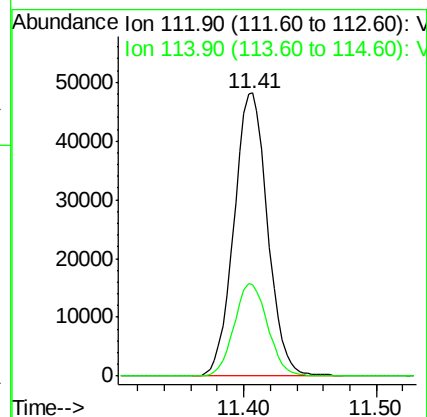
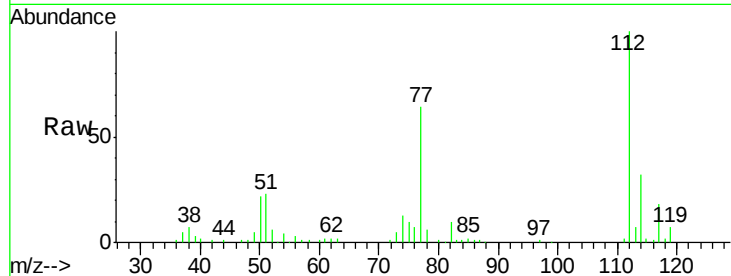
114 32.2 25.1 37.7

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#66

1,1,1,2-Tetrachloroethane

Concen: 19.614 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

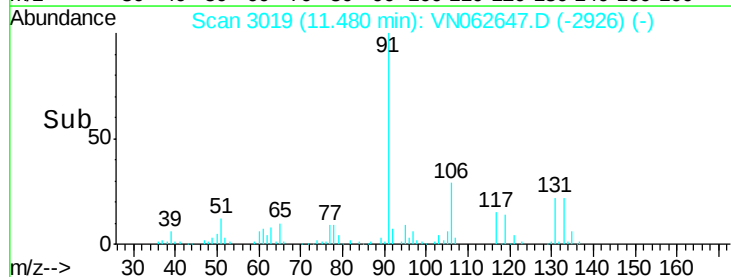
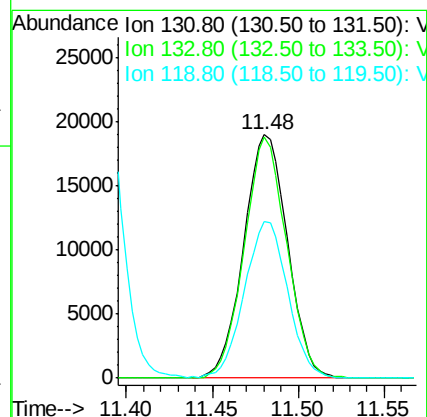
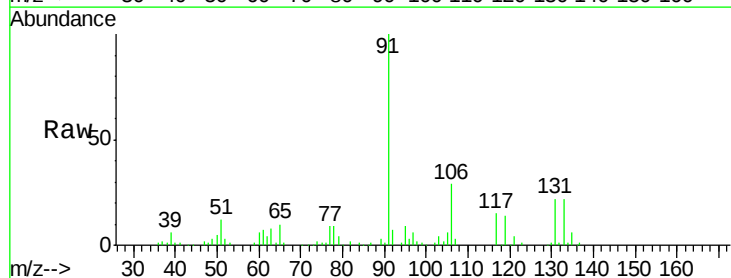
Tgt Ion:131 Resp: 33526

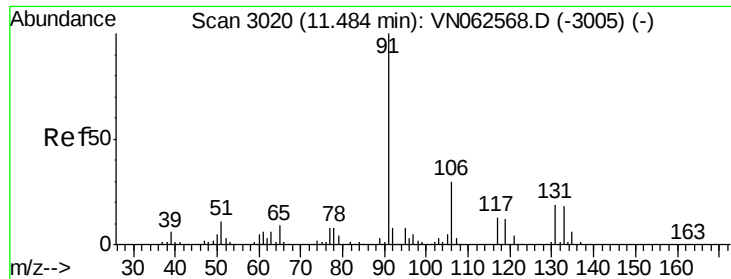
Ion Ratio Lower Upper

131 100

133 95.9 47.3 142.0

119 63.6 33.7 101.0





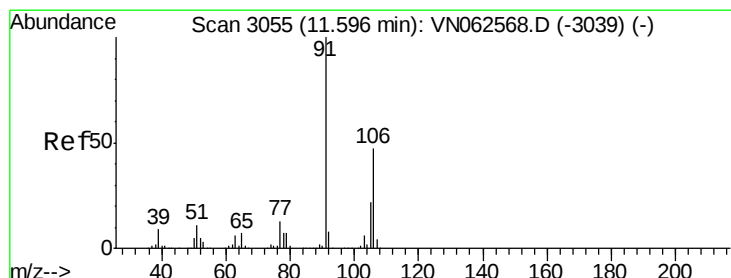
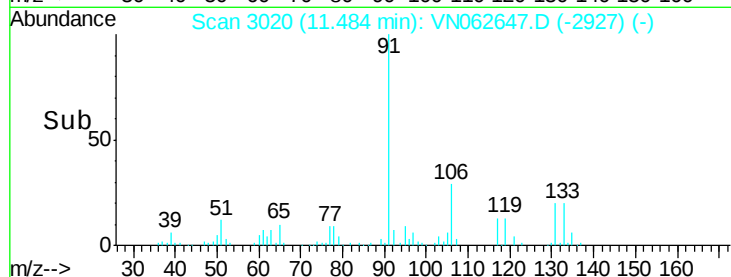
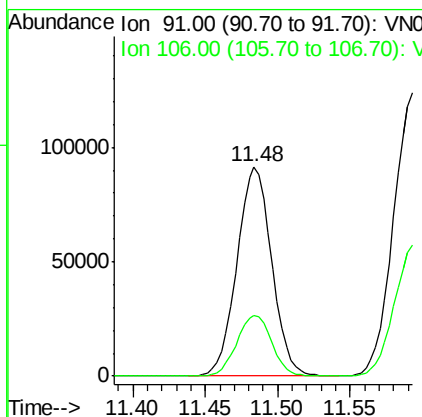
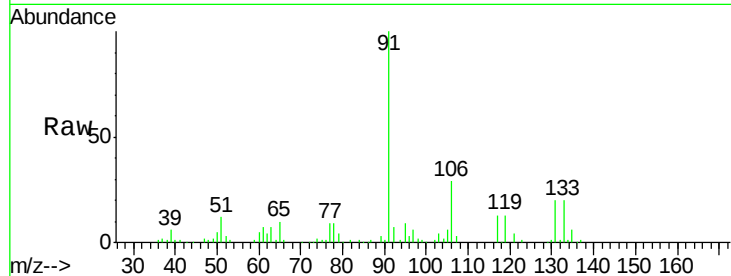
#67
Ethyl Benzene
Concen: 18.277 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion: 91 Resp: 152262
Ion Ratio Lower Upper
91 100
106 29.1 23.8 35.8

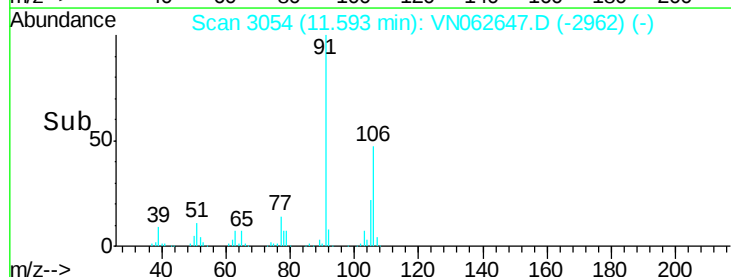
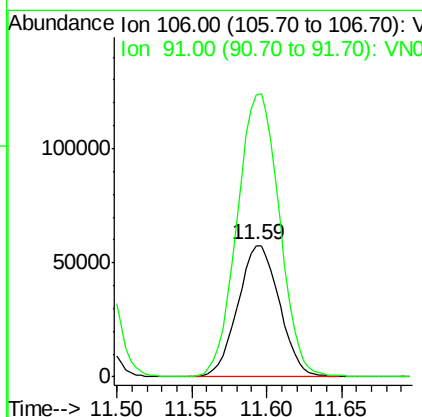
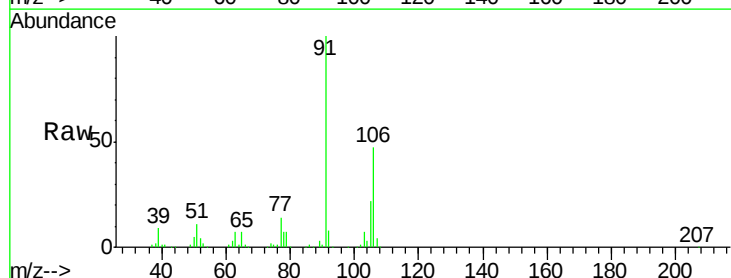
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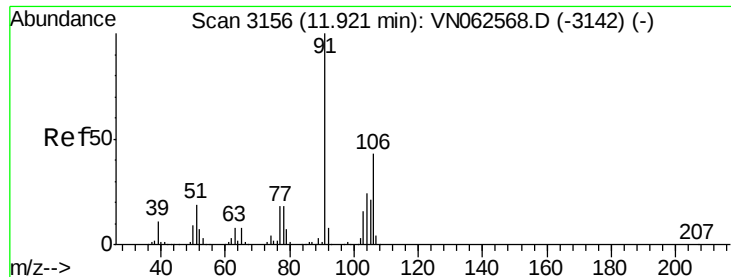
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#68
m/p-Xylenes
Concen: 37.254 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion: 106 Resp: 111553
Ion Ratio Lower Upper
106 100
91 218.7 171.4 257.2





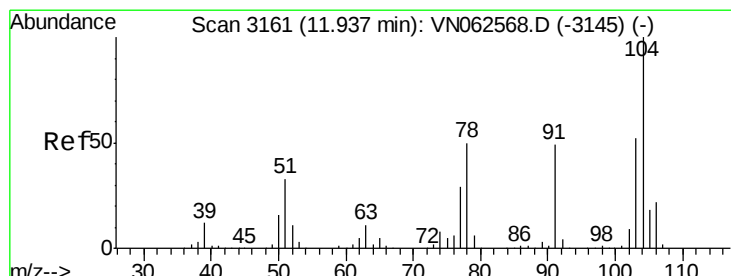
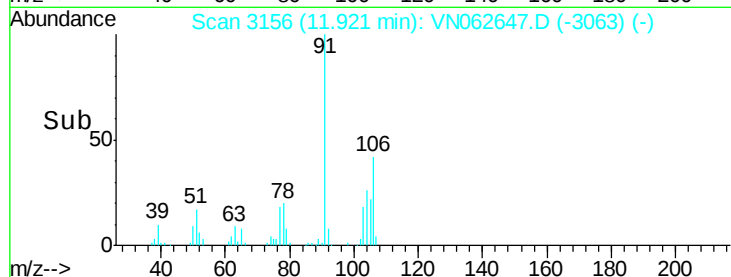
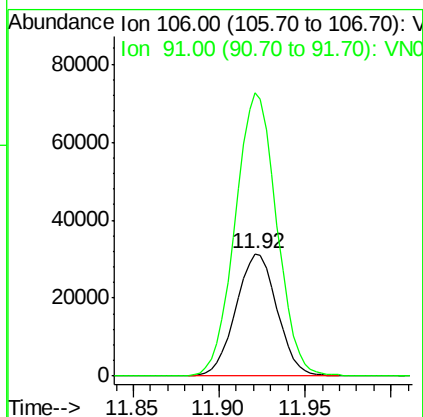
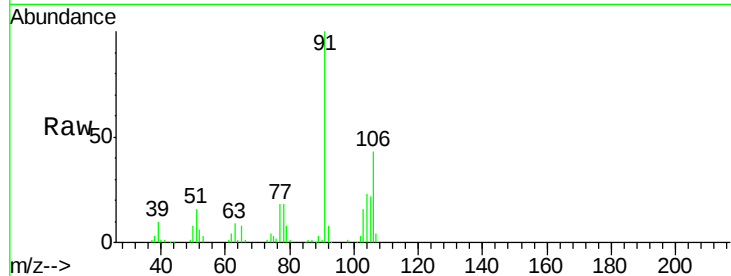
#69
o-Xylene
Concen: 18.407 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion:106 Resp: 52340
Ion Ratio Lower Upper
106 100
91 233.1 113.8 341.2

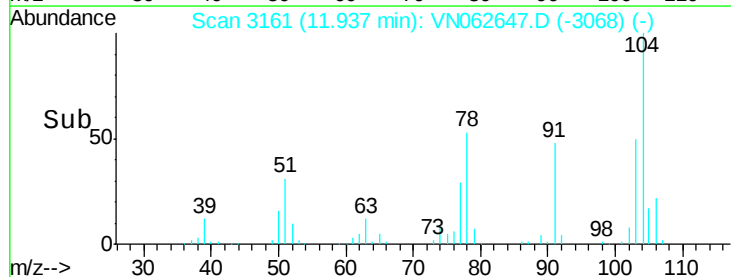
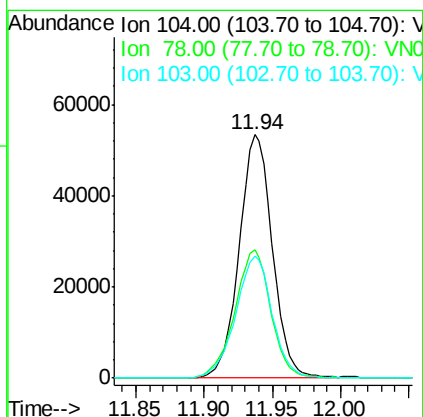
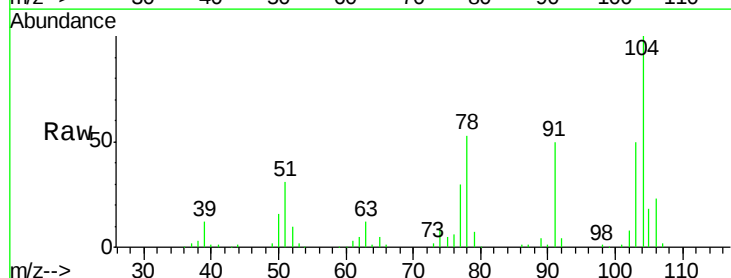
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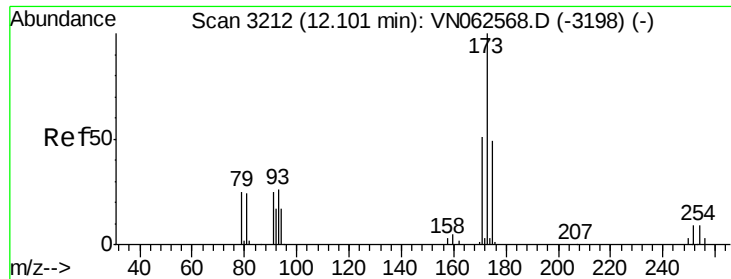
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#70
Styrene
Concen: 18.829 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion:104 Resp: 90439
Ion Ratio Lower Upper
104 100
78 57.2 43.8 65.6
103 55.0 44.0 66.0





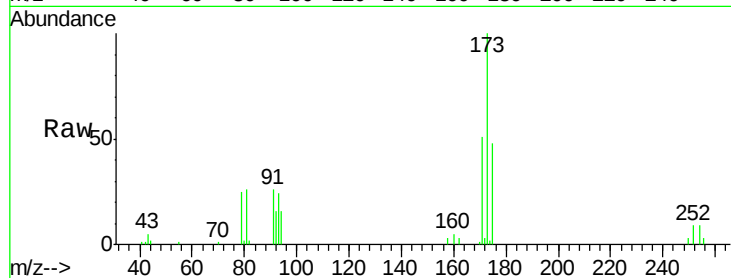
#71
Bromoform
Concen: 19.867 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

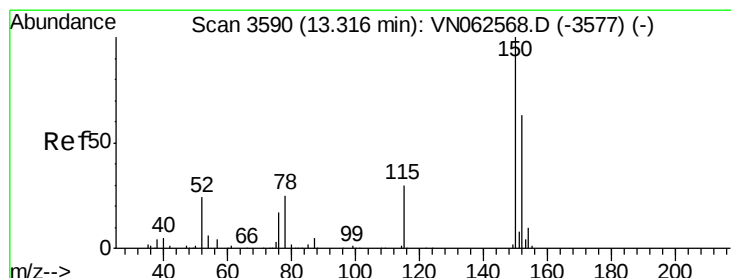
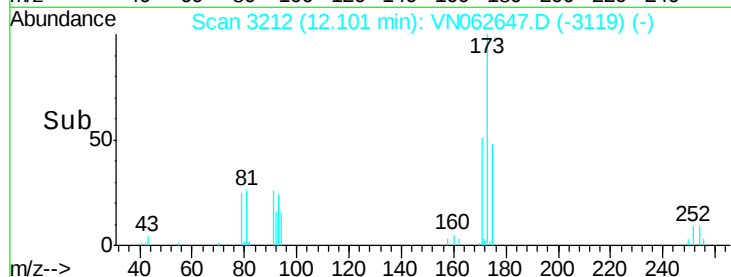
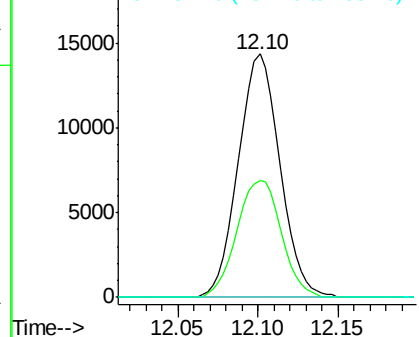
Tgt Ion	Ratio	Lower	Upper
173	100		
175	51.1	24.1	72.2
254	0.0	0.0	0.0

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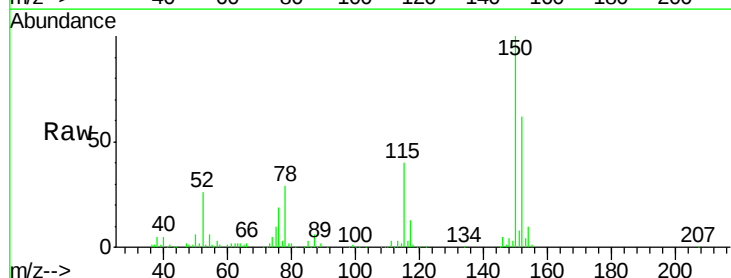


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

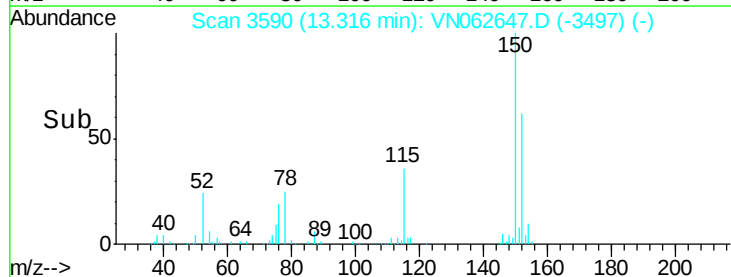
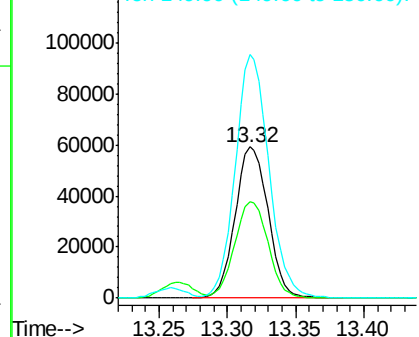


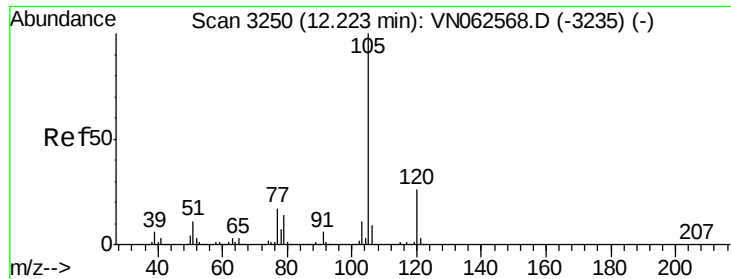
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.0	31.8	95.4
150	164.3	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: 18.674 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

Tgt Ion: 105 Resp: 146764

Ion Ratio Lower Upper

105 100

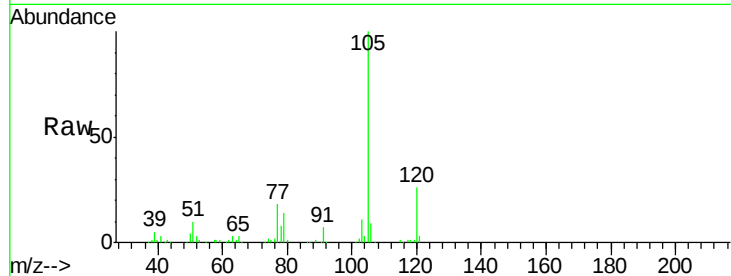
120 25.9 12.8 38.4

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.22

100000

80000

60000

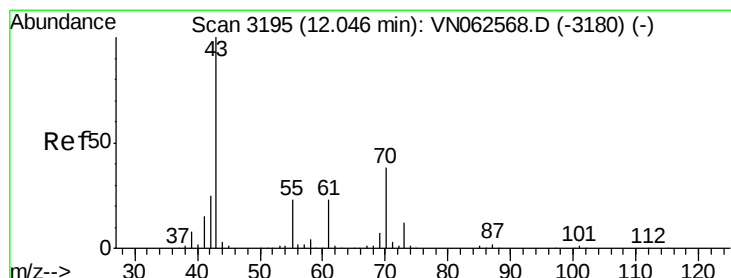
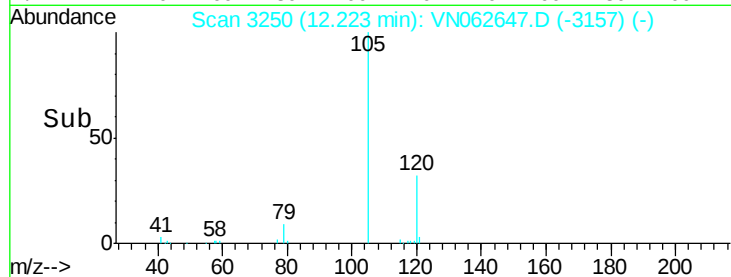
40000

20000

0

Time-->

12.15 12.20 12.25 12.30



#74

N-ethyl acetate

Concen: 16.898 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Tgt Ion: 43 Resp: 59308

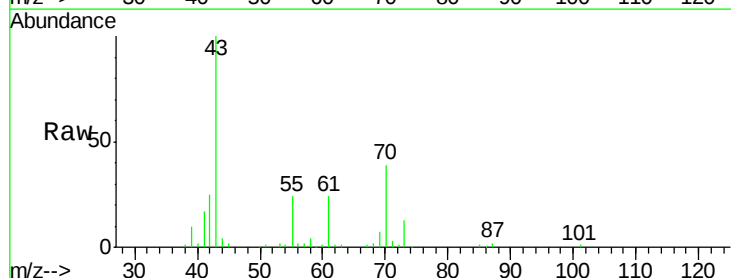
Ion Ratio Lower Upper

43 100

70 40.0 30.5 45.7

55 25.6 19.0 28.6

61 22.8 18.4 27.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0

12.04

50000

40000

30000

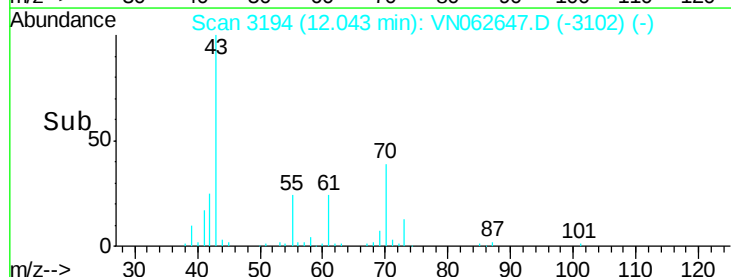
20000

10000

0

Time-->

12.00 12.05 12.10





#75

1,1,2,2-Tetrachloroethane

Concen: 17.293 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

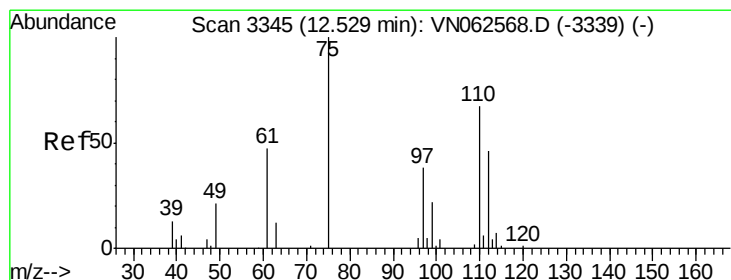
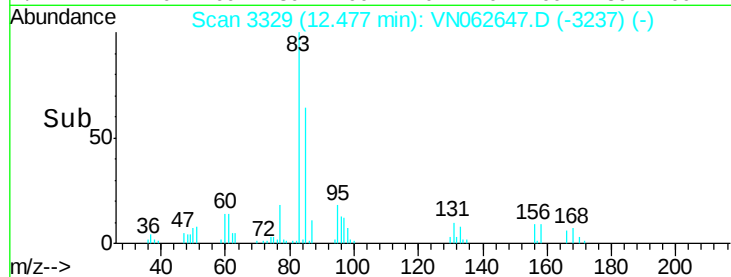
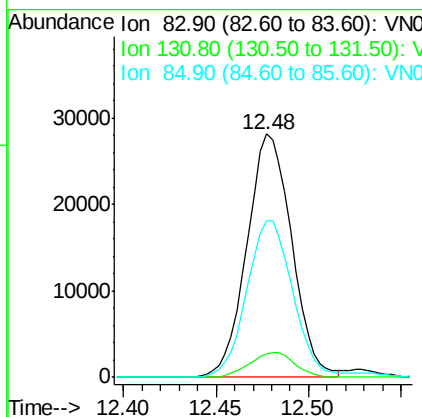
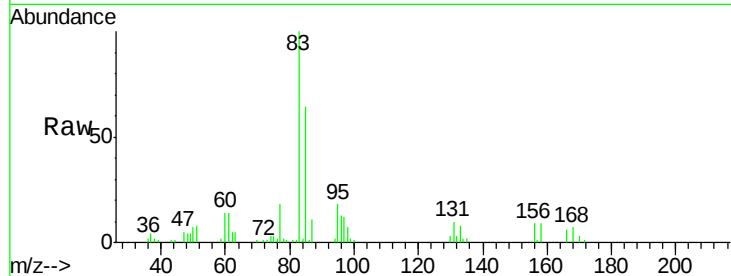
ClientSampleId :

VN0729WBSD01

Tgt Ion:	83	Resp:	47229
Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.8	14.3
85	65.8	31.8	95.4

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7/30/2020 6:21:05 PM



#76

1,2,3-Trichloropropane

Concen: 18.477 ug/l m

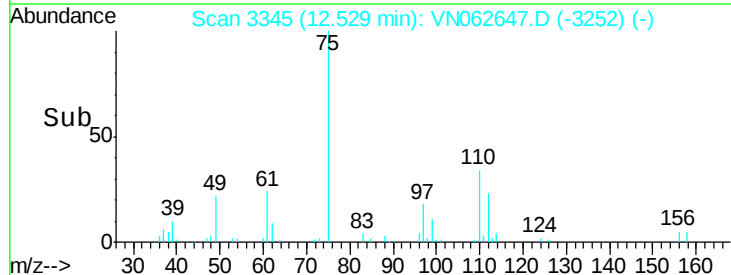
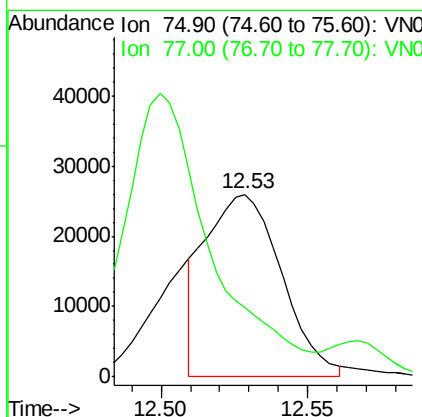
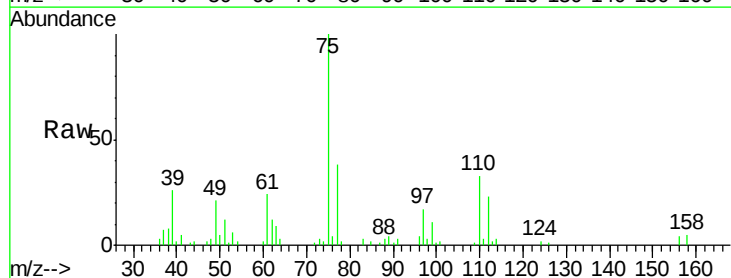
RT: 12.53 min Scan# 3345

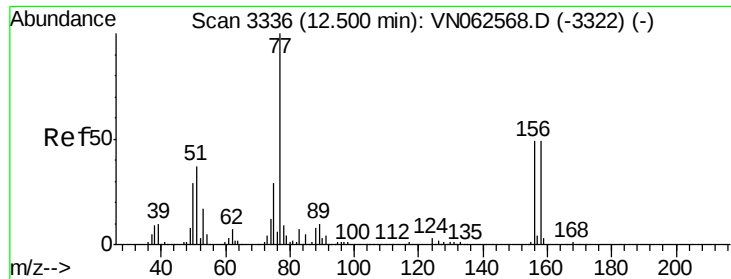
Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Tgt Ion:	75	Resp:	46746
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 18.309 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

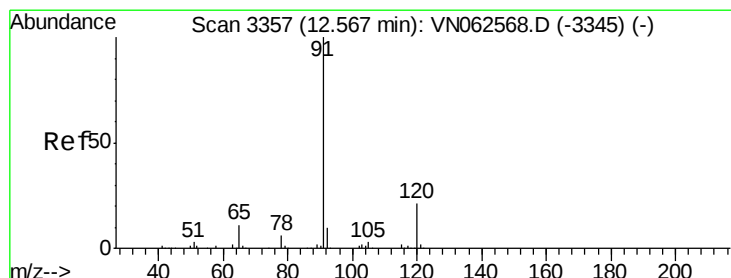
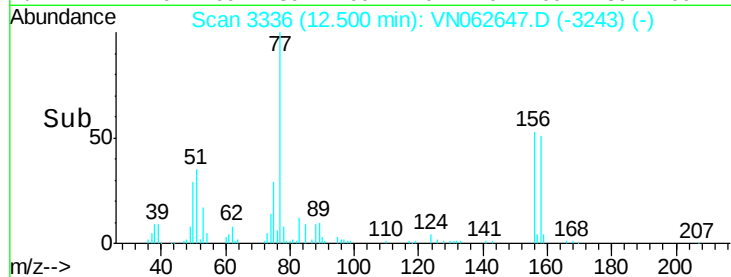
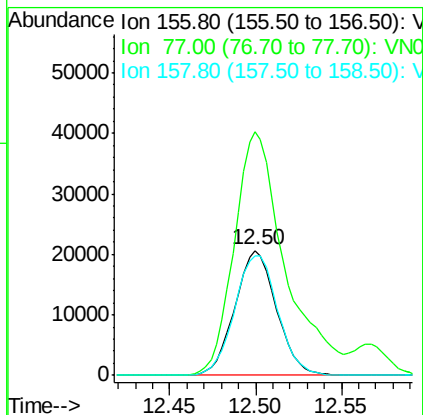
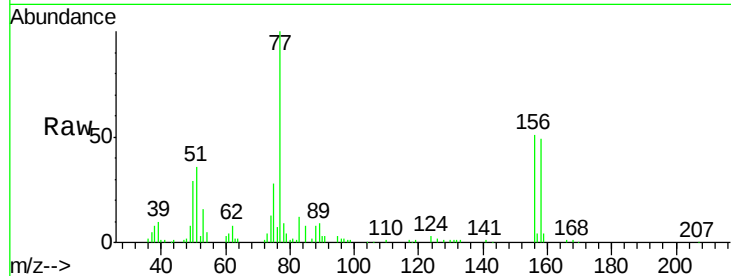
ClientSampleId :

VN0729WBSD01

Tgt Ion	Ratio	Lower	Upper
156	100		
77	238.9	122.8	368.3
158	99.6	49.4	148.0

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#78

n-propylbenzene

Concen: 18.341 ug/l

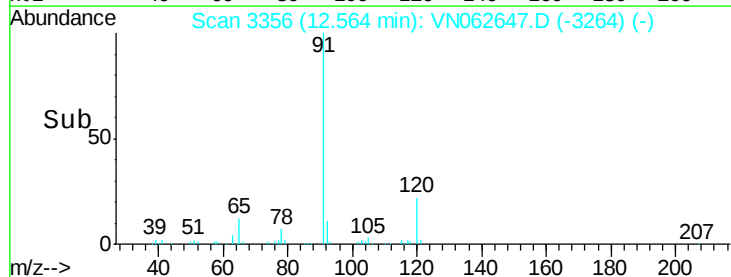
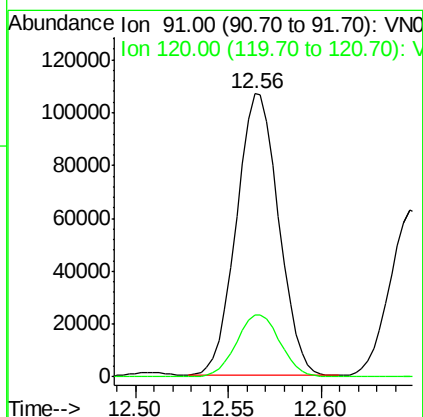
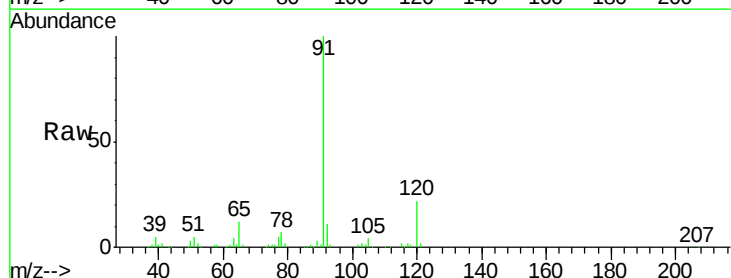
RT: 12.56 min Scan# 3356

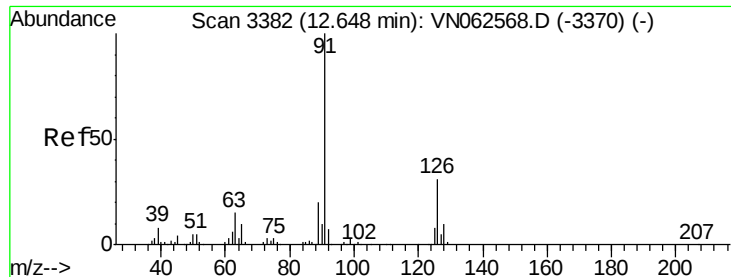
Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.7	10.9	32.6





#79

2-Chlorotoluene

Concen: 18.326 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

Tgt Ion: 91 Resp: 103972

Ion Ratio Lower Upper

91 100

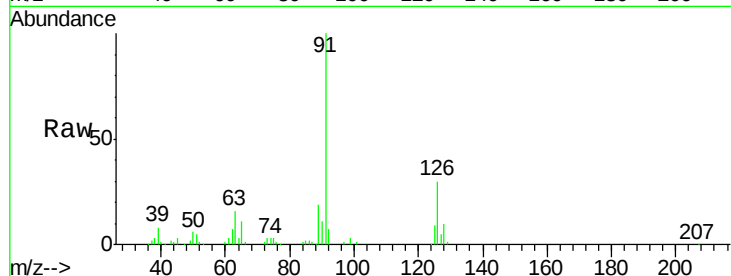
126 31.5 15.9 47.6

Manual Integrations

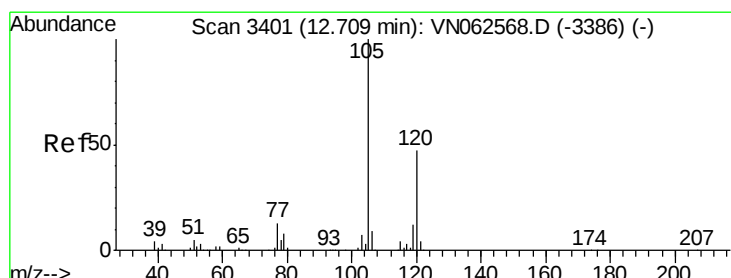
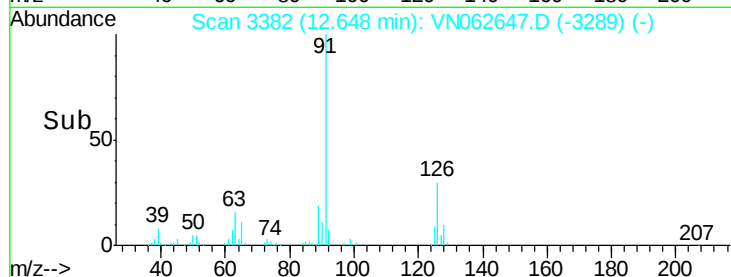
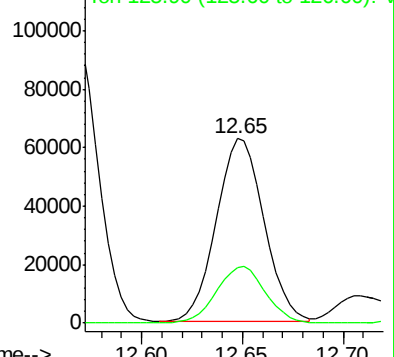
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Abundance Ion 91.00 (90.70 to 91.70): VN062568.D (-3370) (-)



#80

1,3,5-Trimethylbenzene

Concen: 19.787 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062647.D

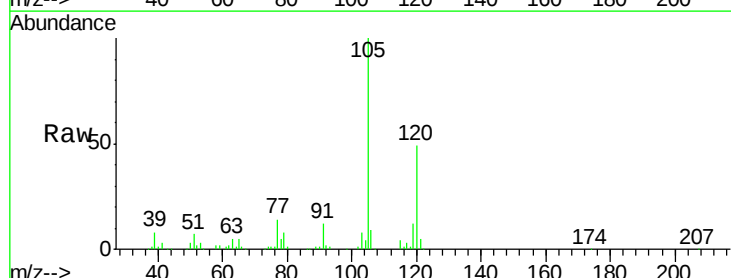
Acq: 29 Jul 2020 12:14

Tgt Ion: 105 Resp: 128999

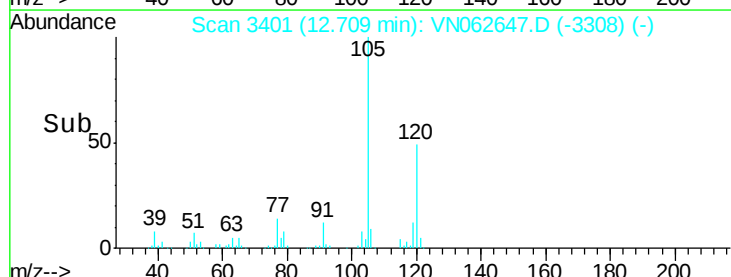
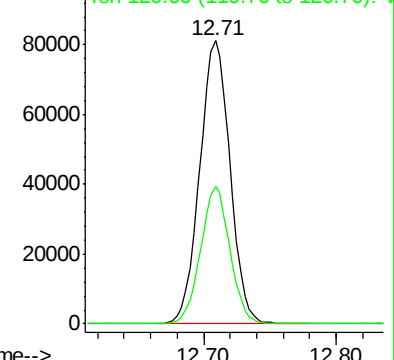
Ion Ratio Lower Upper

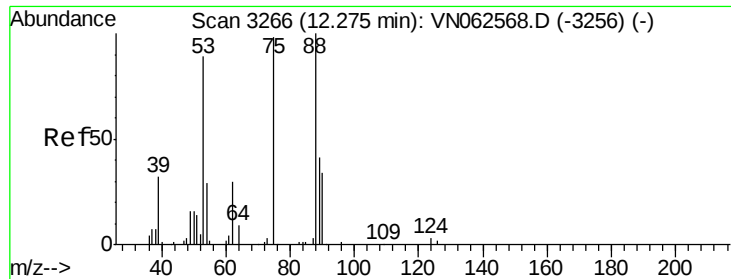
105 100

120 46.6 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VN062568.D (-3386) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 16.759 ug/l

RT: 12.28 min Scan# 3267

Delta R.T. 0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

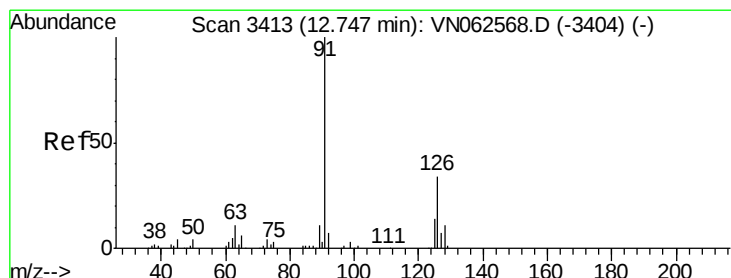
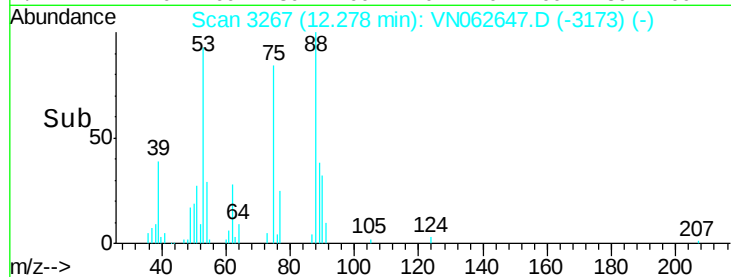
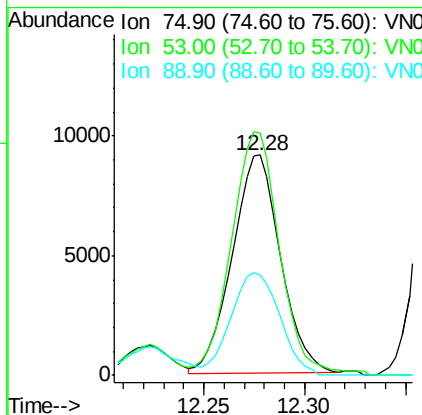
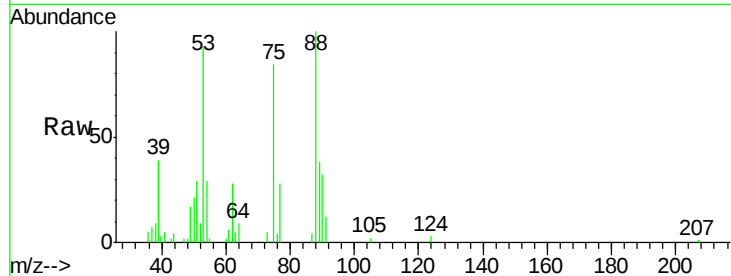
ClientSampleId :

VN0729WBSD01

Tgt Ion:	75	Resp:	15231
Ion	Ratio	Lower	Upper
75	100		
53	112.6	75.4	113.0
89	47.8	34.5	51.7

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#82

4-Chlorotoluene

Concen: 18.547 ug/l

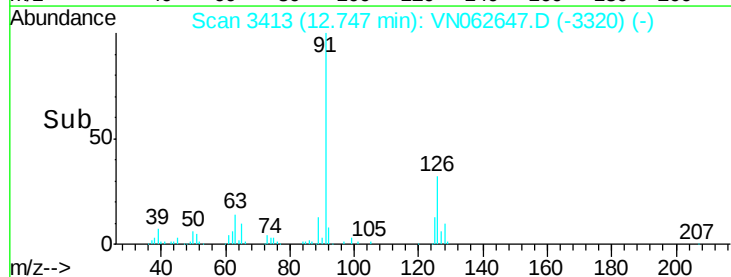
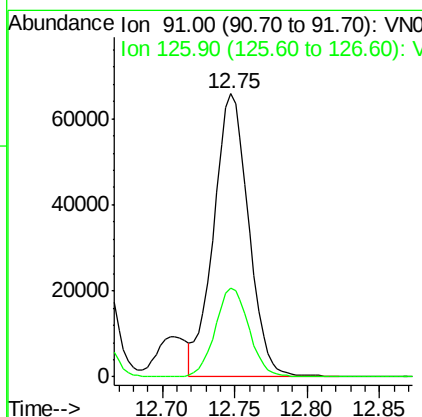
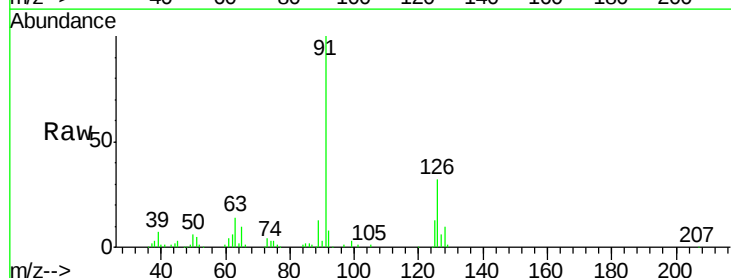
RT: 12.75 min Scan# 3413

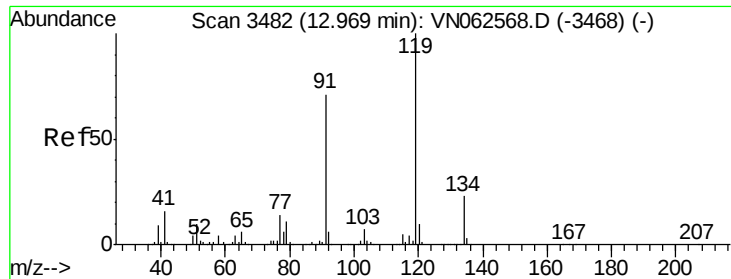
Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Tgt Ion:	91	Resp:	109526
Ion	Ratio	Lower	Upper
91	100		
126	30.6	15.4	46.4





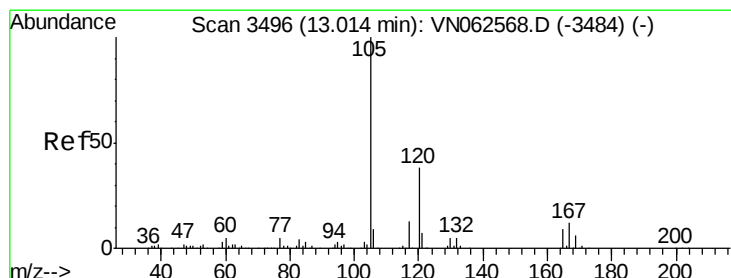
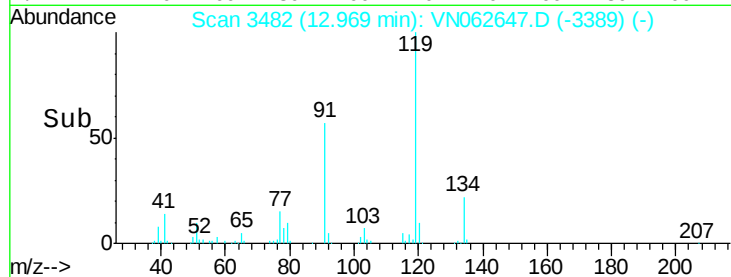
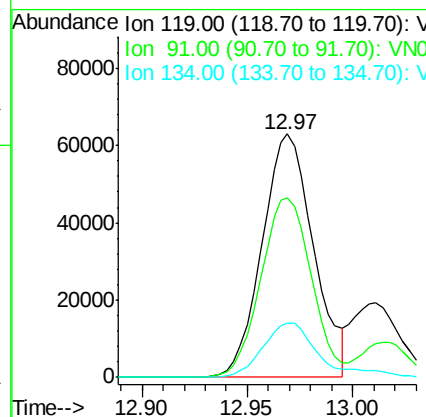
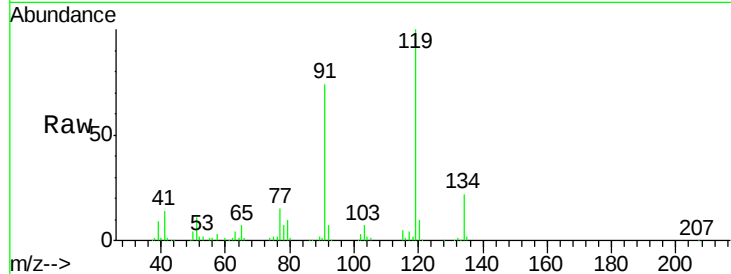
#83
 tert-Butylbenzene
 Concen: 19.732 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Tgt Ion	Ratio	Lower	Upper
119	100		
91	73.2	34.6	103.8
134	24.6	11.5	34.4

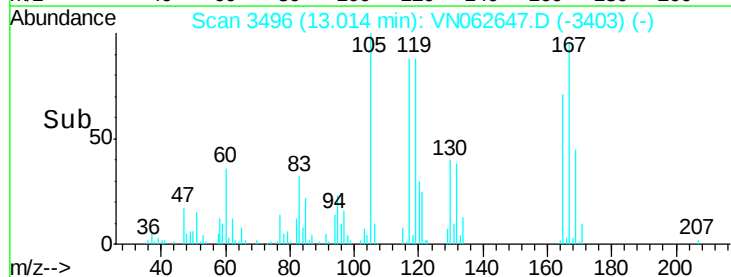
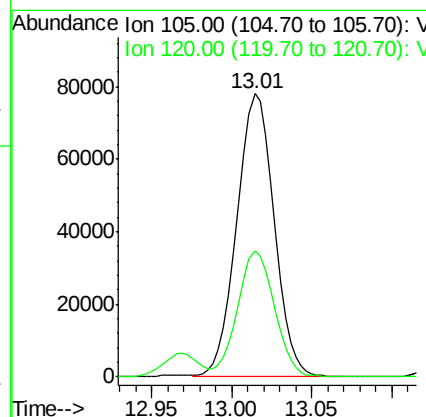
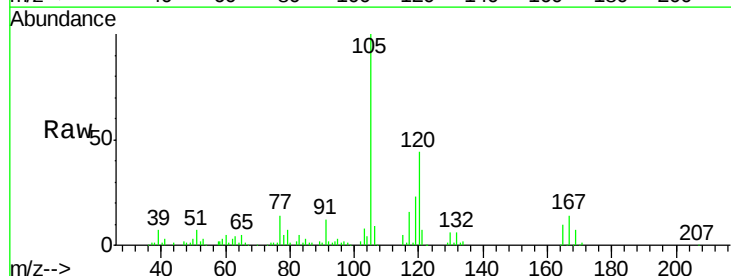
Manual Integrations
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.329 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.3





#85

sec-Butylbenzene

Concen: 19.584 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

Instrument :

MSVOA_N

ClientSampleId :

VN0729WBSD01

Tgt Ion:105 Resp: 141930

Ion Ratio Lower Upper

105 100

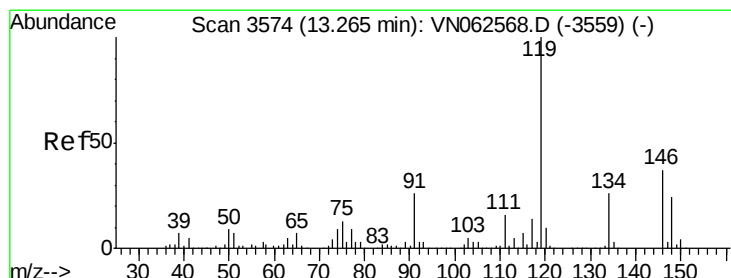
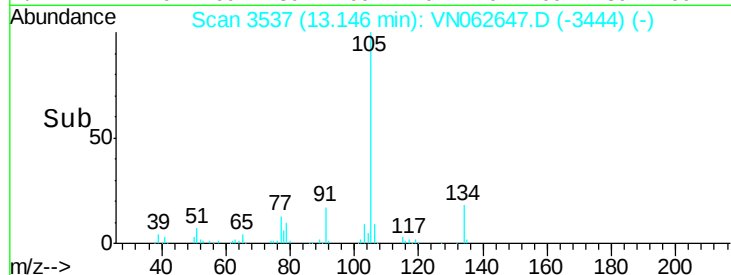
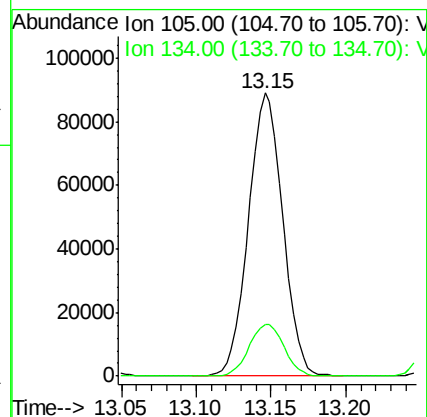
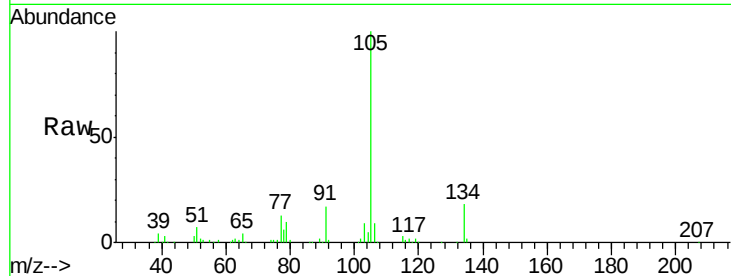
134 18.7 9.5 28.5

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#86

p-Isopropyltoluene

Concen: 20.159 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062647.D

Acq: 29 Jul 2020 12:14

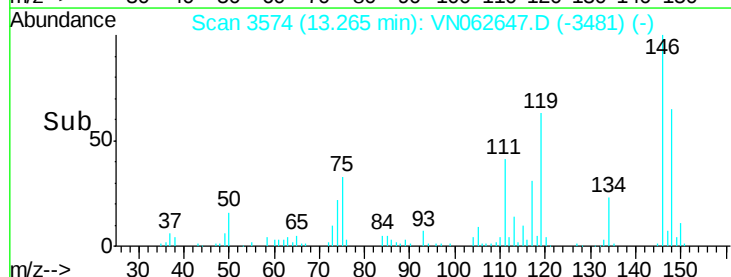
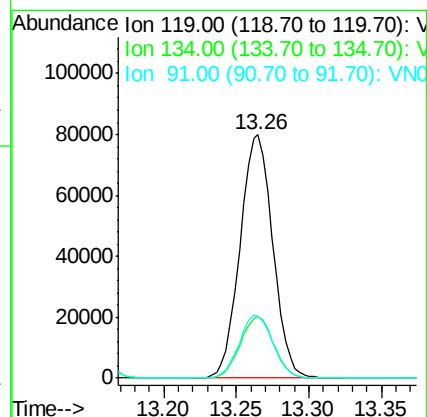
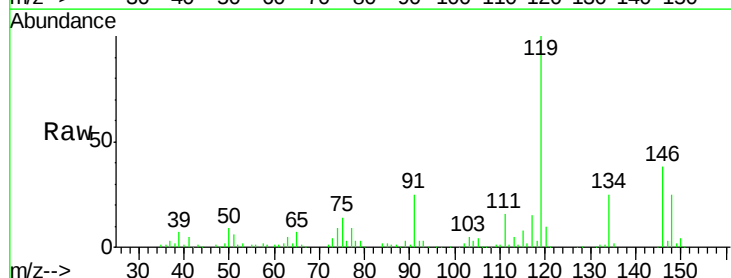
Tgt Ion:119 Resp: 125658

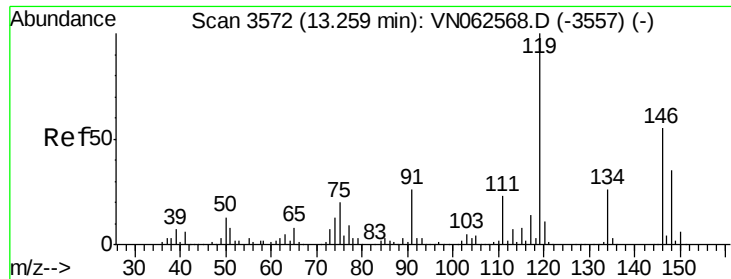
Ion Ratio Lower Upper

119 100

134 25.7 12.8 38.4

91 26.5 12.7 38.1





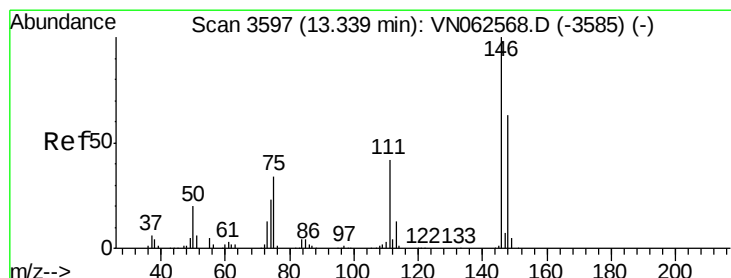
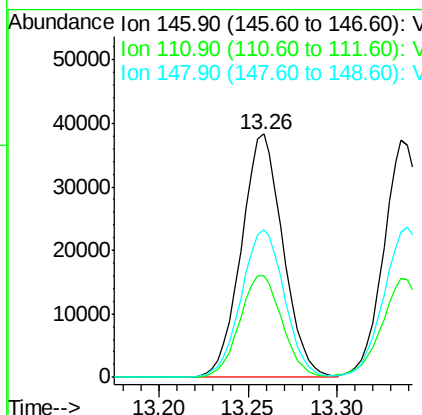
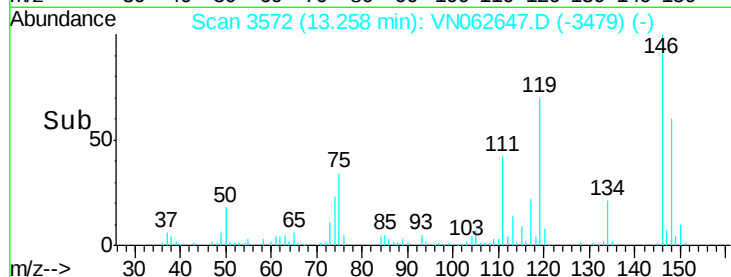
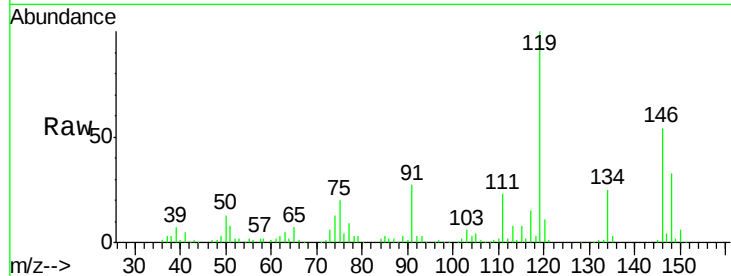
#87
 1,3-Dichlorobenzene
 Concen: 18.915 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.4	21.6	64.6
148	62.7	31.8	95.4

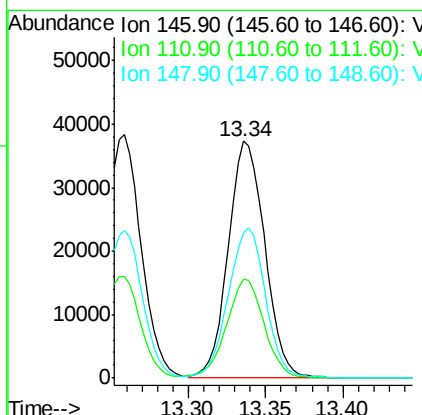
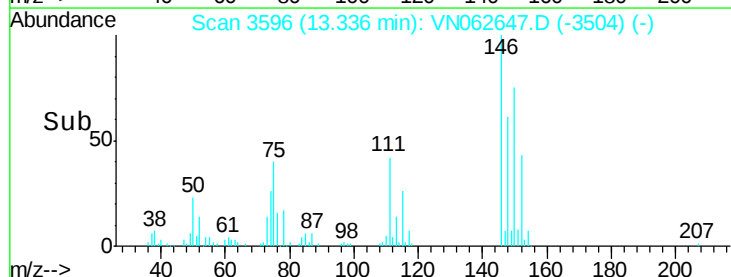
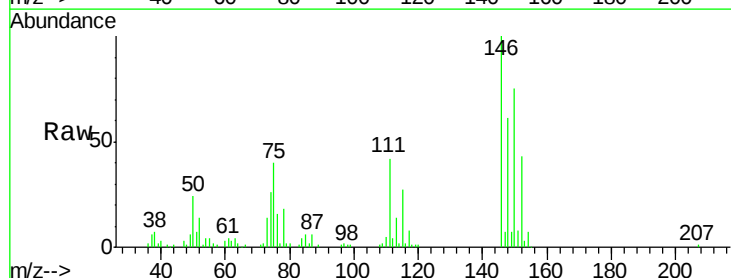
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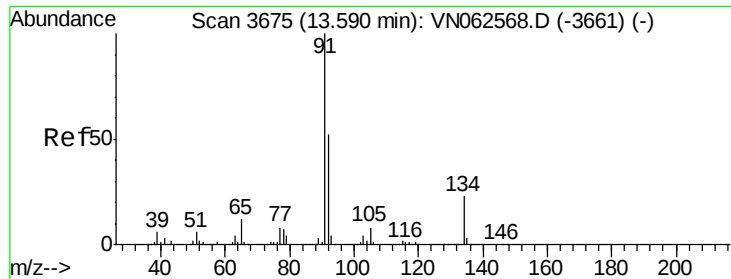
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#88
 1,4-Dichlorobenzene
 Concen: 18.830 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.1	63.1
148	64.4	31.6	94.8





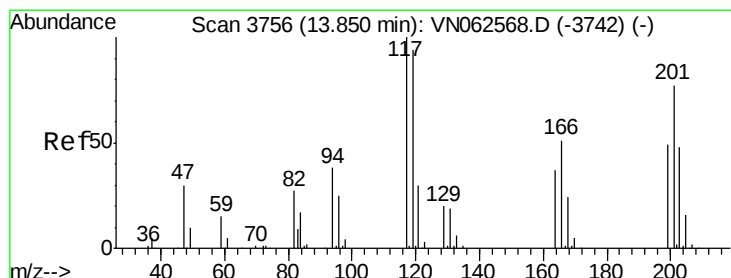
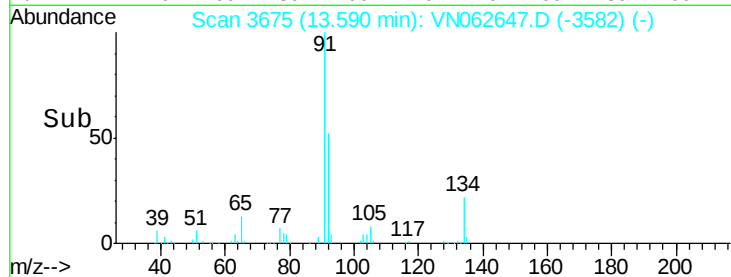
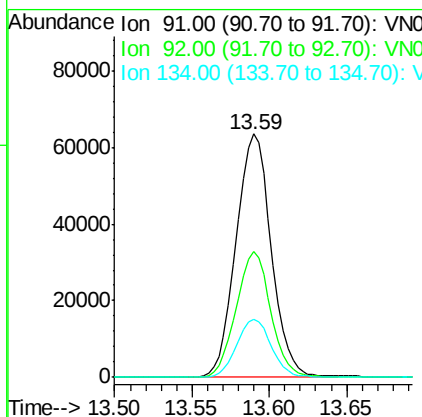
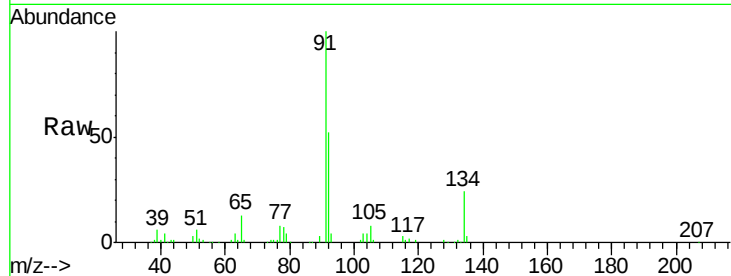
#89
n-Butylbenzene
Concen: 18.759 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion	Ratio	Lower	Upper
91	100		
92	50.7	25.8	77.3
134	23.5	11.8	35.3

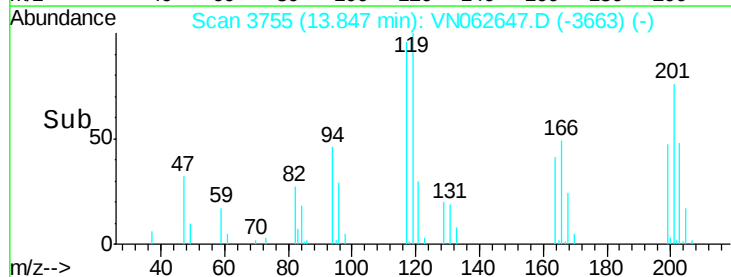
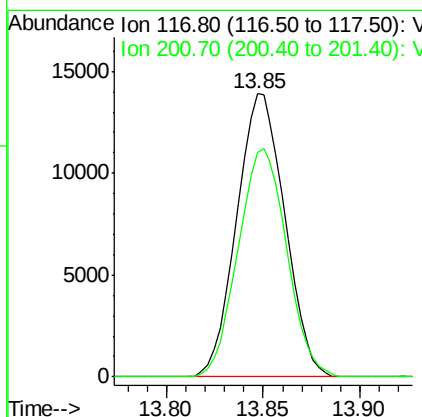
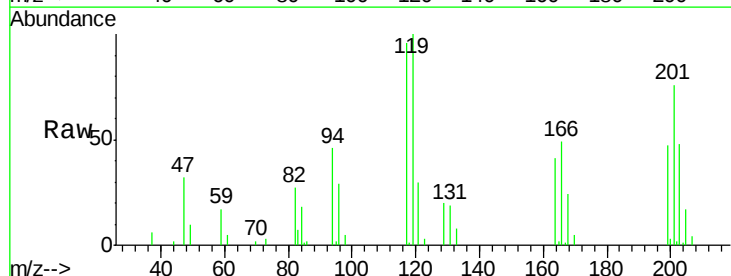
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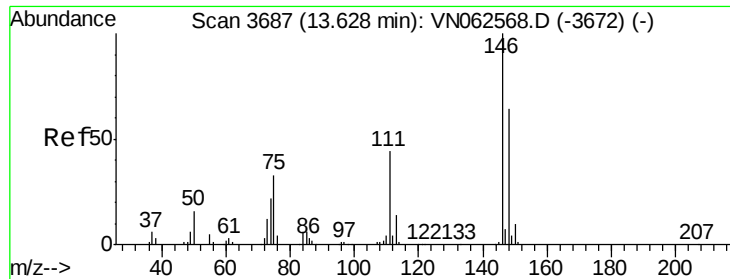
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#90
Hexachloroethane
Concen: 18.123 ug/l
RT: 13.85 min Scan# 3755
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	81.3	39.2	117.6





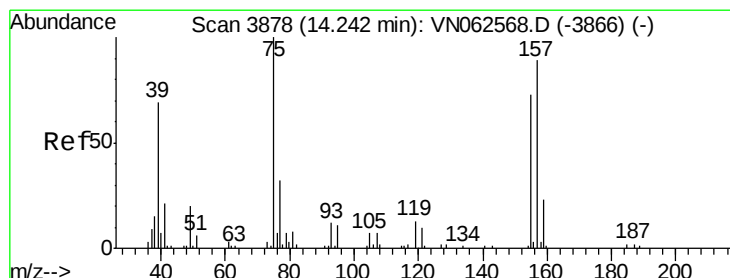
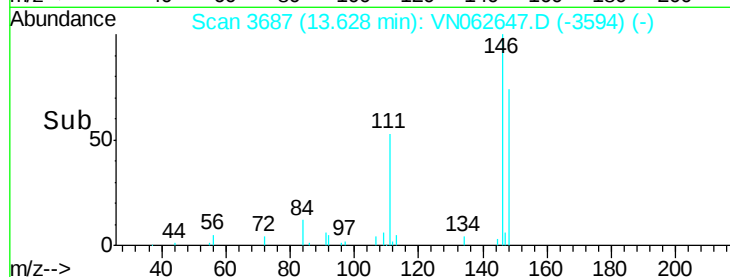
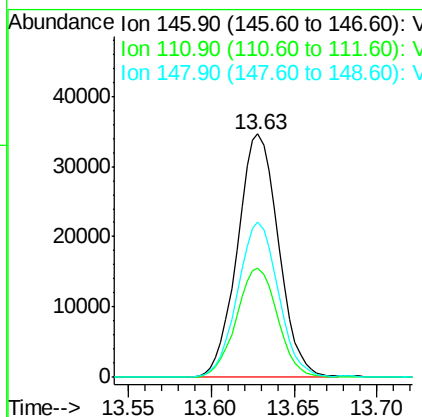
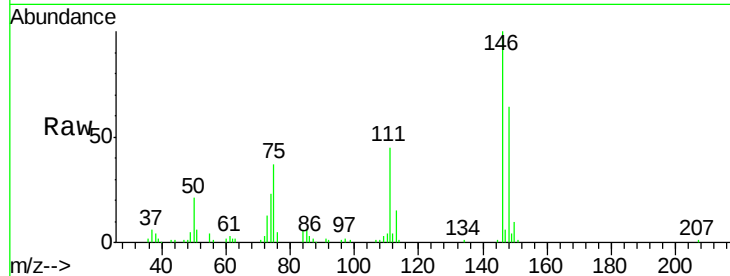
#91
 1,2-Dichlorobenzene
 Concen: 18.917 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.8	21.9	65.8
148	63.1	31.6	94.7

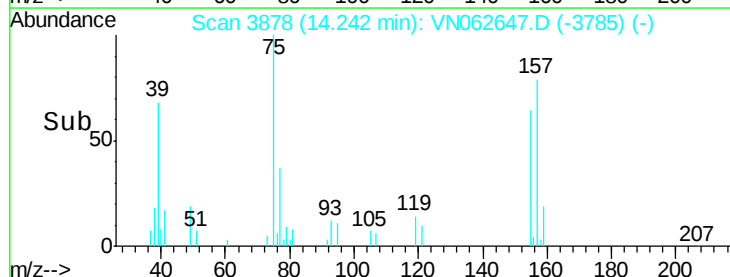
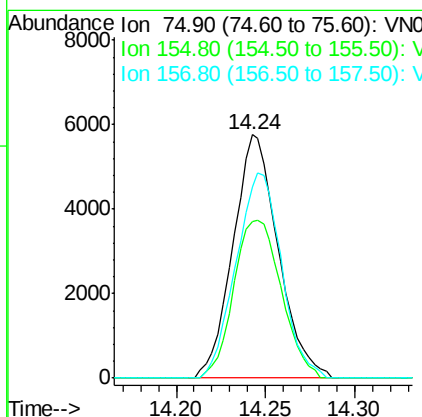
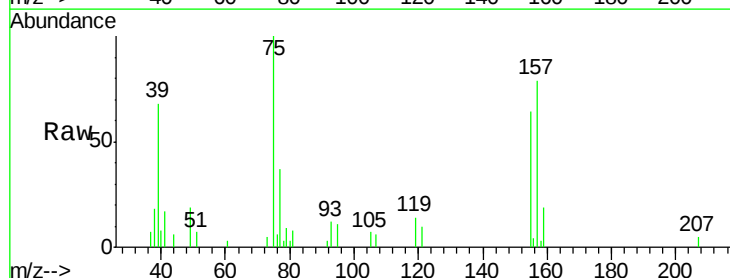
Manual Integrations
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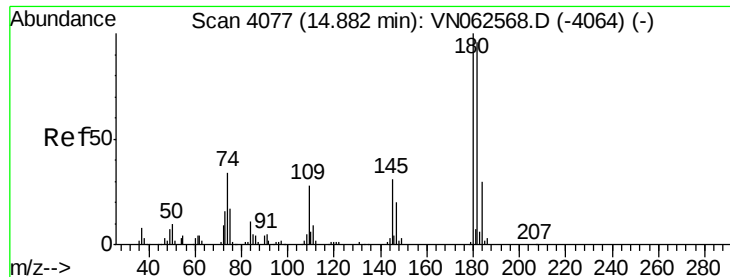
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.564 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	68.1	35.9	107.5
157	84.8	45.0	135.0





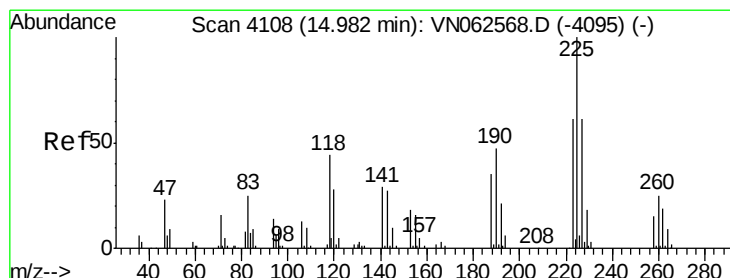
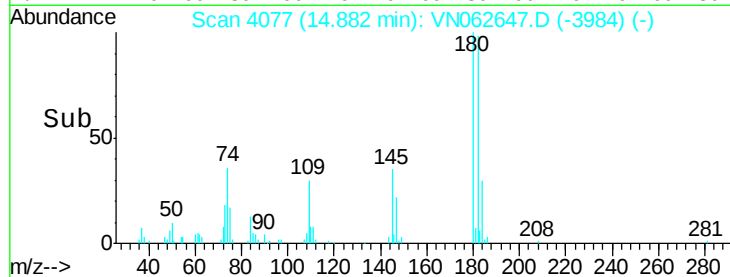
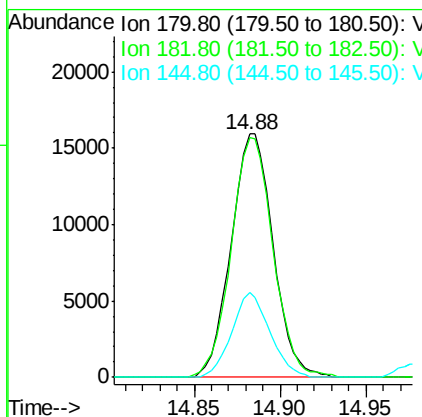
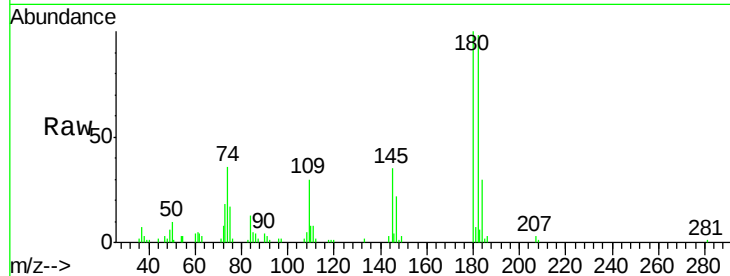
#93
 1,2,4-Trichlorobenzene
 Concen: 18.361 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0729WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	27106		
182	98.2	47.8	143.3	
145	31.6	15.3	45.9	

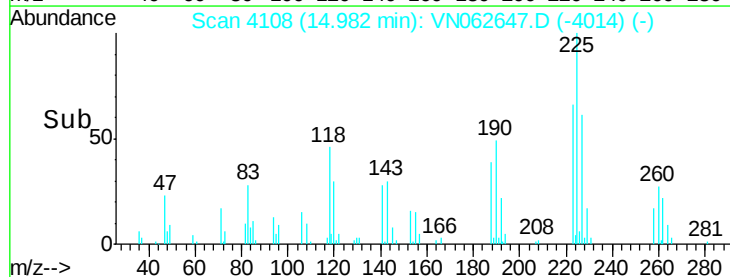
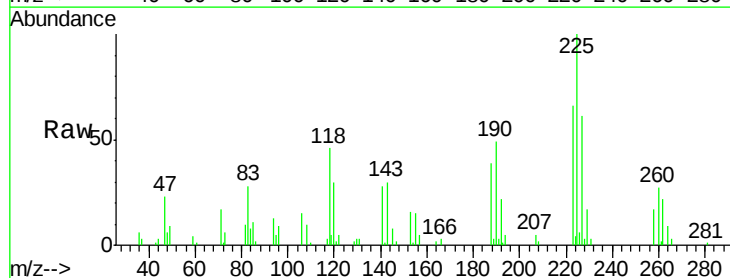
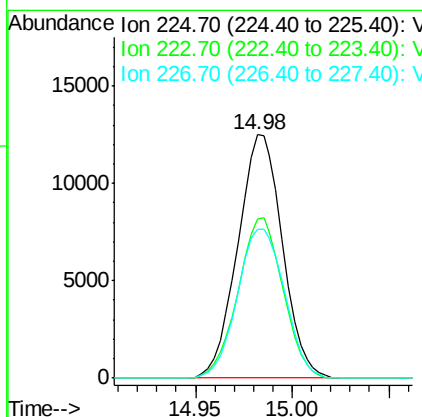
Manual Integrations
 APPROVED

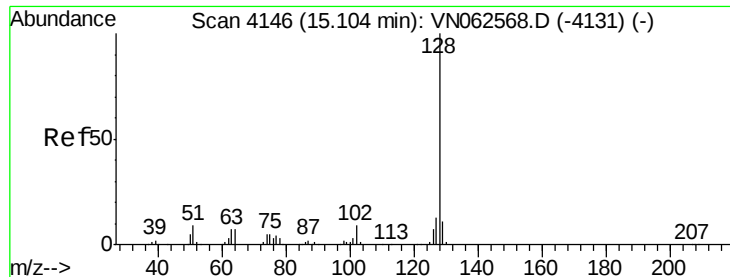
MMDadoda
 7/30/2020 6:21:05 PM



#94
 Hexachlorobutadiene
 Concen: 23.187 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062647.D
 Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20080		
223	66.2	32.0	96.0	
227	64.5	31.1	93.2	





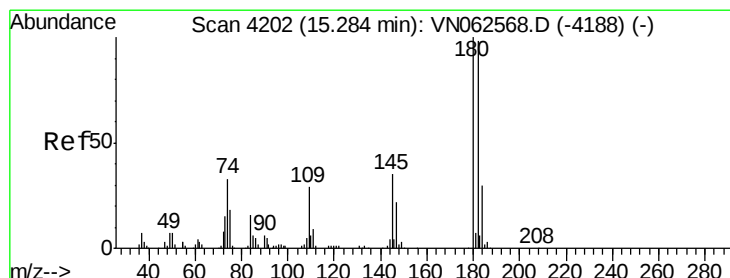
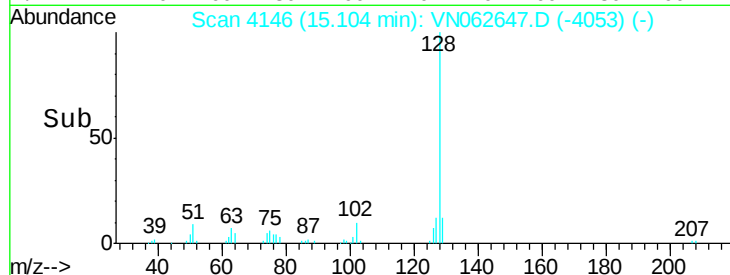
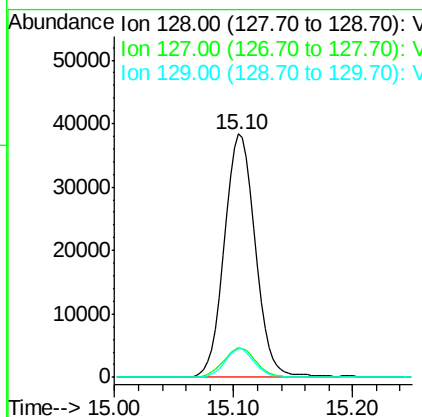
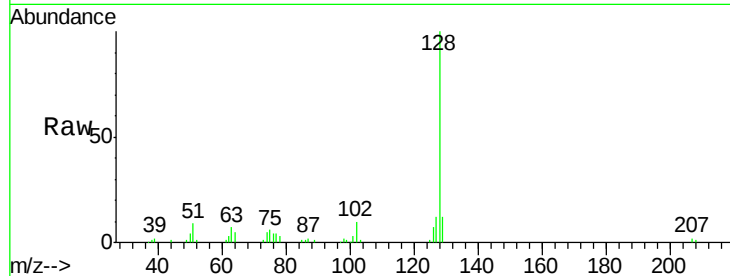
#95
Naphthalene
Concen: 18.265 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Instrument :
MSVOA_N
ClientSampleId :
VN0729WBSD01

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	69325		
127	12.5		10.4	15.6
129	10.9		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/30/2020 6:21:05 PM



#96
1,2,3-Trichlorobenzene
Concen: 18.162 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN062647.D
Acq: 29 Jul 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	27125		
182	96.4		48.1	144.3
145	33.2		16.7	50.1

