

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072220\
 Data File : VN062589.D
 Acq On : 22 Jul 2020 12:29
 Operator : JC/MD
 Sample : VN0722WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 2:15:01 PM

Quant Time: Jul 23 07:26:08 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	198069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	328907	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	307428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	136241	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	157120	51.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.12%	
35) Dibromofluoromethane	7.55	113	110669	51.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.46%	
50) Toluene-d8	10.06	98	434968	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	12.37	95	155889	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	42006	17.780	ug/l	99
3) Chloromethane	2.04	50	55274	17.249	ug/l	99
4) Vinyl Chloride	2.16	62	49804	17.929	ug/l	97
5) Bromomethane	2.53	94	23971	19.483	ug/l	95
6) Chloroethane	2.67	64	22577	17.967	ug/l	100
7) Trichlorofluoromethane	2.98	101	66374	20.350	ug/l	99
8) Diethyl Ether	3.37	74	28937	18.973	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	39526	18.902	ug/l	98
10) Methyl Iodide	3.91	142	48629	18.190	ug/l	99
11) Tert butyl alcohol	4.73	59	46875	95.766	ug/l	100
12) 1,1-Dichloroethene	3.70	96	39424	18.589	ug/l	94
13) Acrolein	3.57	56	37656	79.715	ug/l	98
14) Allyl chloride	4.28	41	84834	18.492	ug/l	99
15) Acrylonitrile	4.93	53	127998	97.630	ug/l	99
16) Acetone	3.78	43	110237	95.207	ug/l	99
17) Carbon Disulfide	4.01	76	123183	17.678	ug/l	99
18) Methyl Acetate	4.28	43	57084	19.475	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	148173	18.982	ug/l	99
20) Methylene Chloride	4.50	84	50653	18.240	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	44200	18.778	ug/l	98
22) Diisopropyl ether	5.90	45	176621	19.369	ug/l	98
23) Vinyl Acetate	5.84	43	725197	97.058	ug/l	100
24) 1,1-Dichloroethane	5.80	63	92645	18.867	ug/l	99
25) 2-Butanone	6.79	43	172533	97.842	ug/l	99
26) 2,2-Dichloropropane	6.77	77	73490	18.231	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	50037	18.629	ug/l	99
28) Bromochloromethane	7.15	49	51648	21.372	ug/l	98
29) Tetrahydrofuran	7.17	42	115569	96.855	ug/l	100
30) Chloroform	7.33	83	86728	18.576	ug/l	99
31) Cyclohexane	7.61	56	82262	18.144	ug/l	94
32) 1,1,1-Trichloroethane	7.53	97	72315	18.552	ug/l	98
36) 1,1-Dichloropropene	7.75	75	66327	18.919	ug/l	98
37) Ethyl Acetate	6.88	43	73460	19.439	ug/l	100
38) Carbon Tetrachloride	7.73	117	63927	18.970	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 18:48:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	71027	18.821	ug/l	97
40) Benzene	8.00	78	198720	18.723	ug/l	99
41) Methacrylonitrile	7.13	41	37588	23.208	ug/l #	81
42) 1,2-Dichloroethane	8.09	62	76077	19.606	ug/l	90
43) Isopropyl Acetate	8.12	43	115442	18.949	ug/l	99
44) Trichloroethene	8.80	130	44352	18.530	ug/l	100
45) 1,2-Dichloropropane	9.09	63	56315	18.898	ug/l	97
46) Dibromomethane	9.17	93	32993	19.156	ug/l	98
47) Bromodichloromethane	9.37	83	70255	18.828	ug/l	99
48) Methyl methacrylate	9.17	41	56856	19.633	ug/l	98
49) 1,4-Dioxane	9.16	88	17692	397.760	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	360540	98.909	ug/l	100
52) Toluene	10.12	92	117534	19.071	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	78184	18.822	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	86205	19.340	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	47254	19.767	ug/l	99
56) Ethyl methacrylate	10.40	69	72969	18.167	ug/l	98
57) 1,3-Dichloropropane	10.68	76	84218	19.230	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	116637	100.831	ug/l	99
59) 2-Hexanone	10.72	43	256494	92.868	ug/l	99
60) Dibromochloromethane	10.87	129	51297	19.235	ug/l	98
61) 1,2-Dibromoethane	10.98	107	46138	18.535	ug/l	97
64) Tetrachloroethene	10.60	164	37918	18.983	ug/l	95
65) Chlorobenzene	11.41	112	120770	18.739	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	46127	19.025	ug/l	97
67) Ethyl Benzene	11.48	91	221334	18.730	ug/l	99
68) m/p-Xylenes	11.60	106	159056	37.448	ug/l	97
69) o-Xylene	11.92	106	76434	18.951	ug/l	100
70) Styrene	11.94	104	127271	18.680	ug/l	98
71) Bromoform	12.10	173	34391	18.891	ug/l #	98
73) Isopropylbenzene	12.22	105	207247	19.238	ug/l	99
74) N-amyl acetate	12.05	43	96052	19.965	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	70496	18.831	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	62239m	17.948	ug/l	
77) Bromobenzene	12.50	156	49444	19.099	ug/l	95
78) n-propylbenzene	12.57	91	240297	19.043	ug/l	100
79) 2-Chlorotoluene	12.65	91	148665	19.117	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	174949	19.578	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	23282	18.689	ug/l	97
82) 4-Chlorotoluene	12.75	91	152956	18.896	ug/l	100
83) tert-Butylbenzene	12.97	119	142512	19.206	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	170091	19.403	ug/l	99
85) sec-Butylbenzene	13.15	105	192797	19.408	ug/l	99
86) p-Isopropyltoluene	13.26	119	166202	19.453	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	84411	18.580	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	84346	18.860	ug/l	97
89) n-Butylbenzene	13.59	91	132614	18.064	ug/l	100
90) Hexachloroethane	13.85	117	33264	18.289	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	82491	18.989	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	12591	18.525	ug/l	95

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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VN0722WBSD01

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Quant Title : SW846 8260
QLast Update : Tue Jul 21 18:48:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	31032	15.847	ug/l	97
94) Hexachlorobutadiene	14.98	225	20454	17.119	ug/l	98
95) Naphthalene	15.10	128	77551	15.598	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	32045	15.653	ug/l	100

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

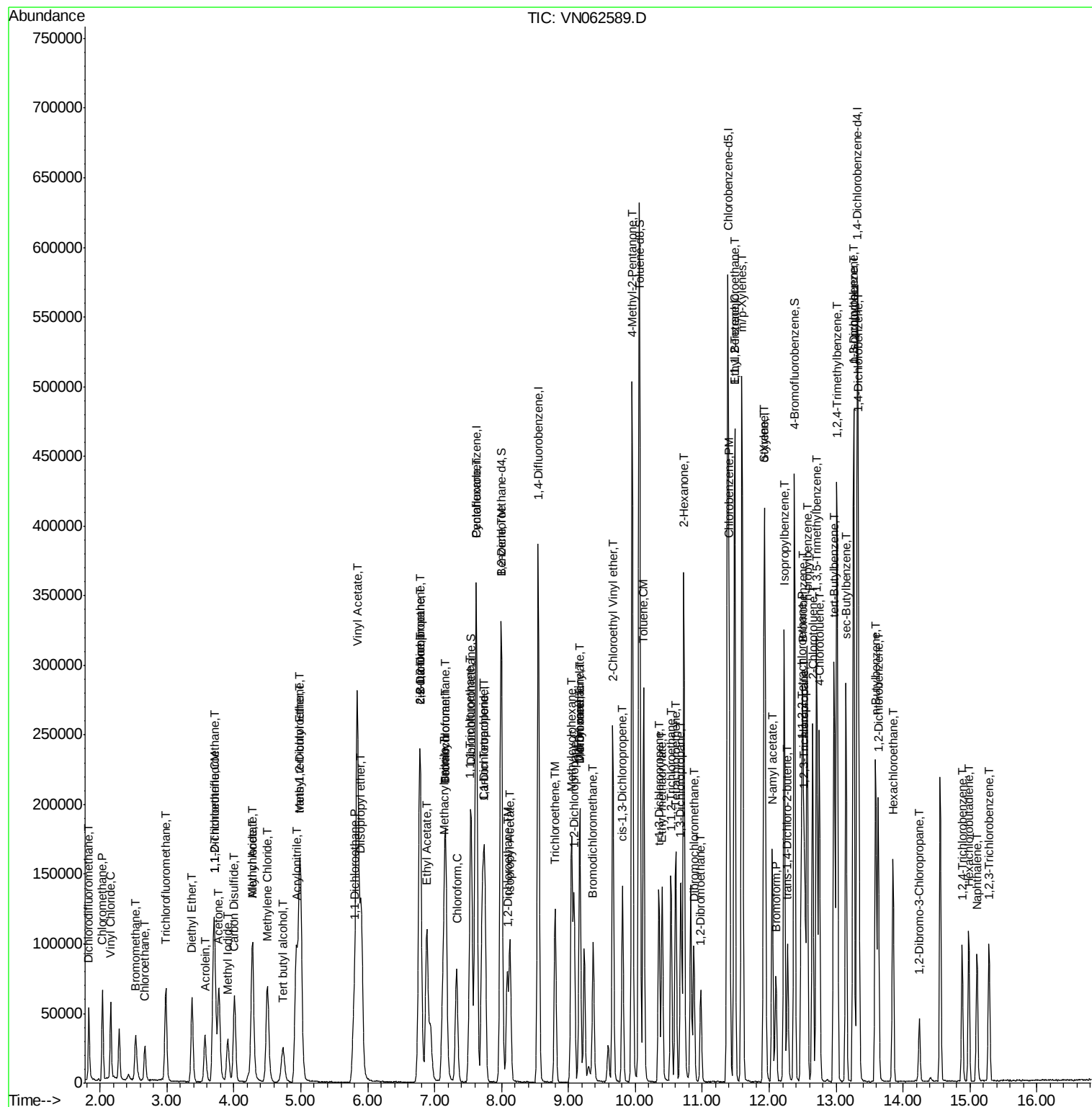
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Data File : VN062589.D
Acq On : 22 Jul 2020 12:29
Operator : JC/MD
Sample : VN0722WBSD01
Misc : 5.00mL/MSVOA N/WATER
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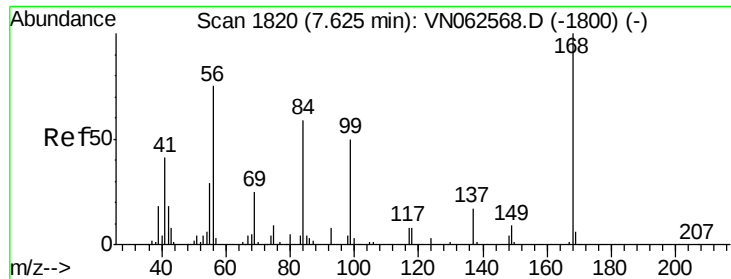
Instrument :
MSVOA_N
ClientSampleId :
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

Tot Ion:168 Resp: 198069

Ion Ratio Lower Upper

168 100

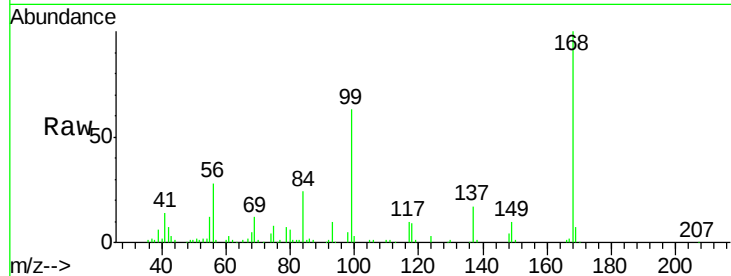
99 62.2 48.4 72.6

Manual Integrations

APPROVED

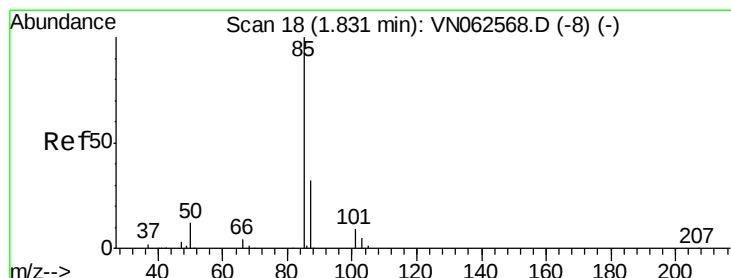
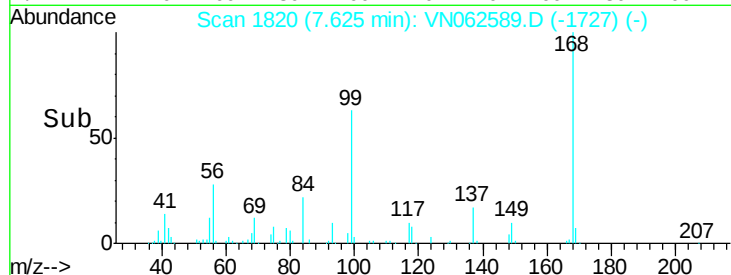
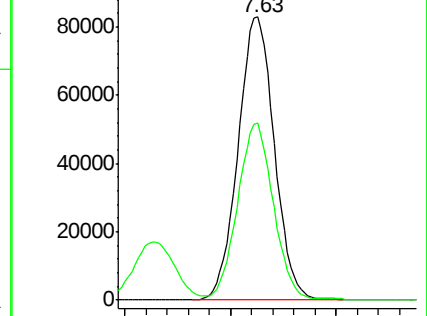
MMDadoda

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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: 17.780 ug/l

RT: 1.83 min Scan# 18

Delta R.T. -0.00 min

Lab File: VN062589.D

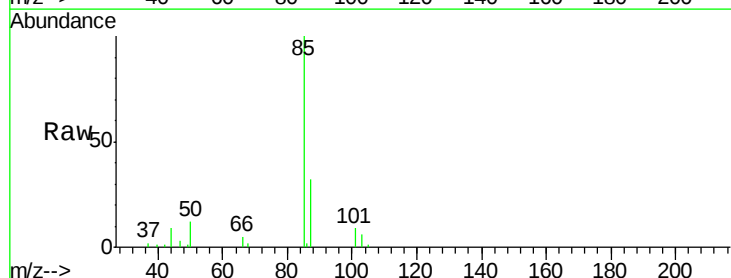
Acq: 22 Jul 2020 12:29

Tgt Ion: 85 Resp: 42006

Ion Ratio Lower Upper

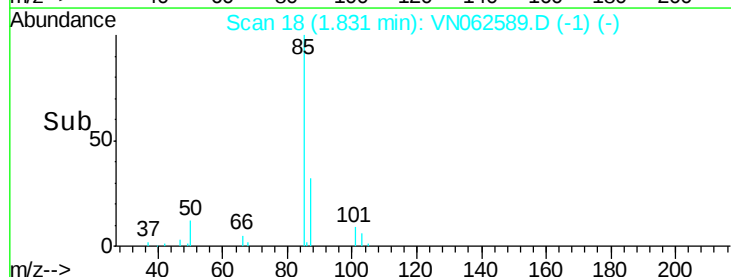
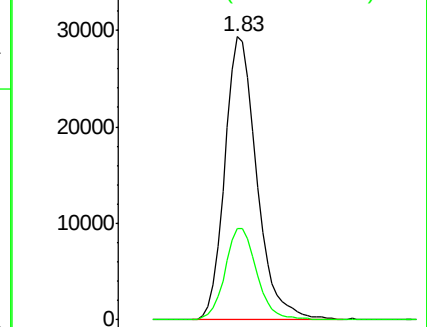
85 100

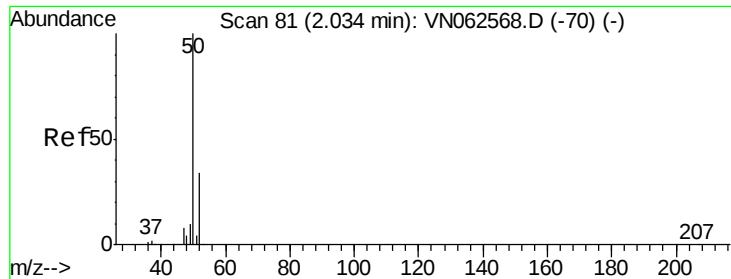
87 32.3 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 17.249 ug/l

RT: 2.04 min Scan# 82

Delta R.T. 0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

Tot Ion: 50 Resp: 55274

Ion Ratio Lower Upper

50 100

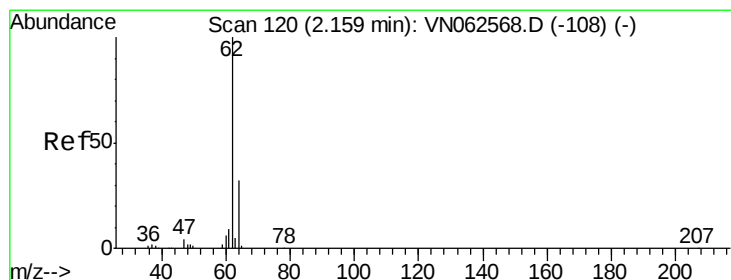
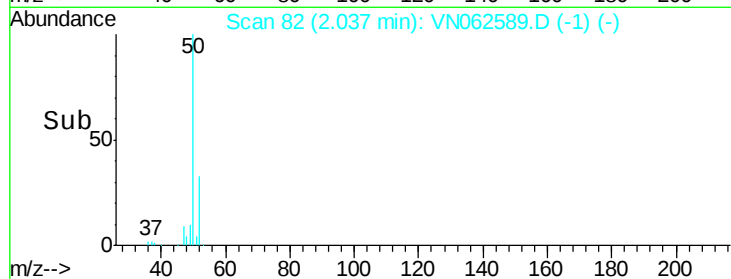
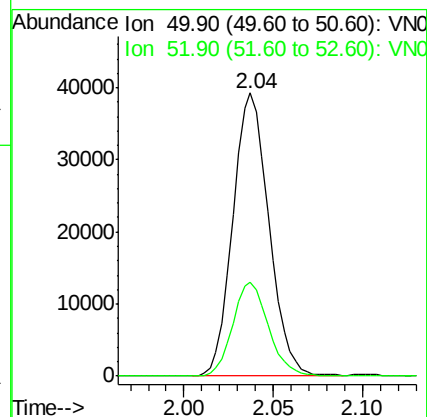
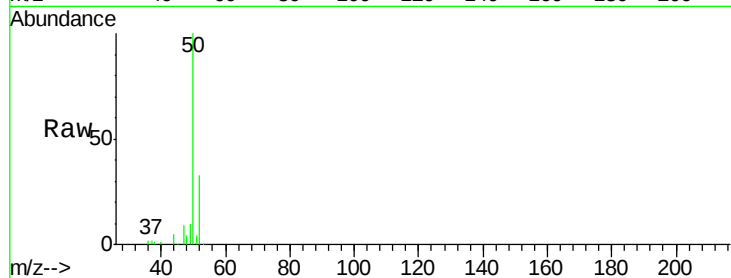
52 33.1 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 17.929 ug/l

RT: 2.16 min Scan# 120

Delta R.T. -0.00 min

Lab File: VN062589.D

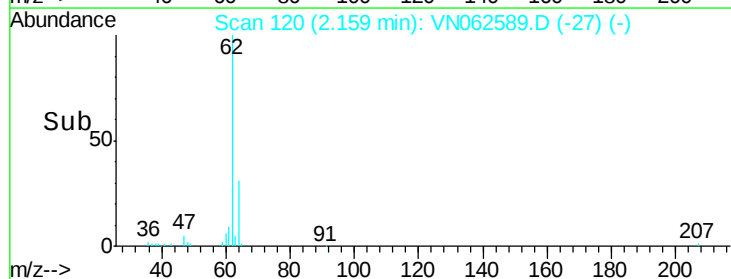
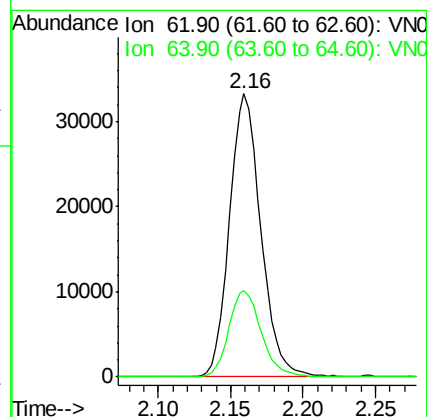
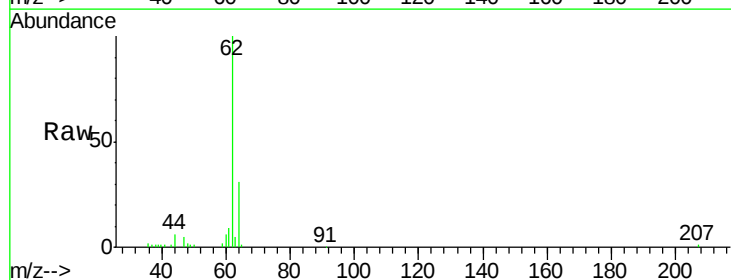
Acq: 22 Jul 2020 12:29

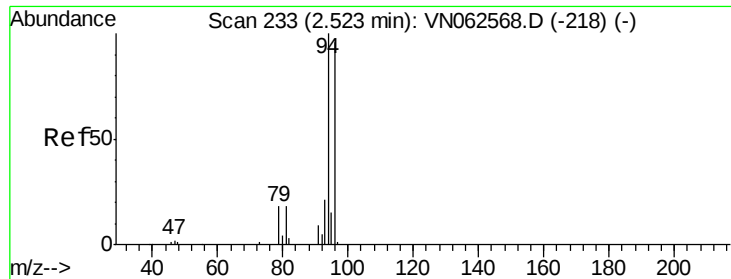
Tgt Ion: 62 Resp: 49804

Ion Ratio Lower Upper

62 100

64 30.6 25.8 38.8





#5

Bromomethane

Concen: 19.483 ug/l

RT: 2.53 min Scan# 236

Delta R.T. 0.01 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 23971

Ion Ratio Lower Upper

94 100

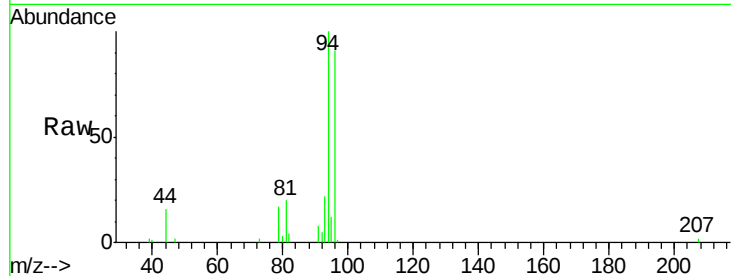
96 91.1 76.6 114.8

Manual Integrations

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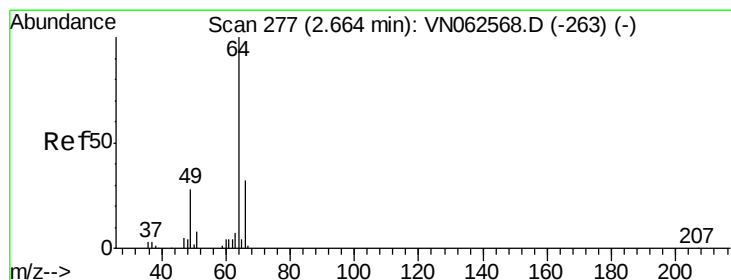
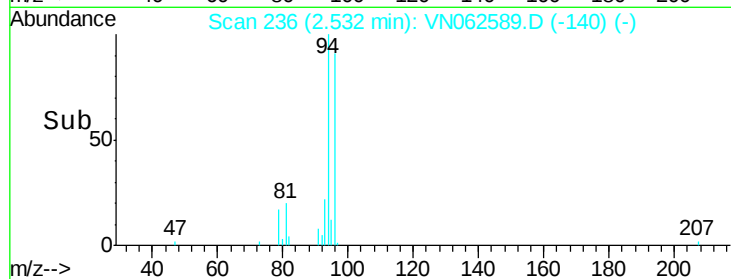
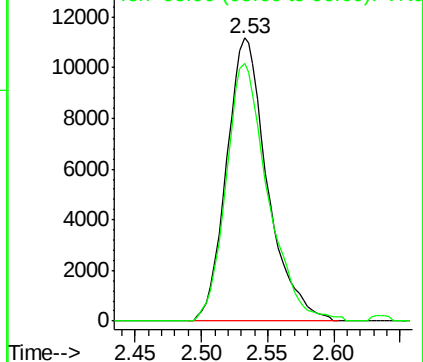
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 17.967 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.01 min

Lab File: VN062589.D

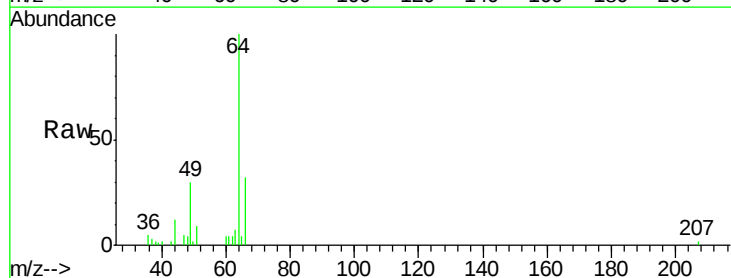
Acq: 22 Jul 2020 12:29

Tgt Ion: 64 Resp: 22577

Ion Ratio Lower Upper

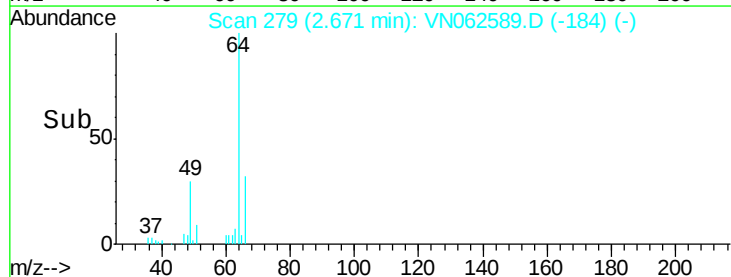
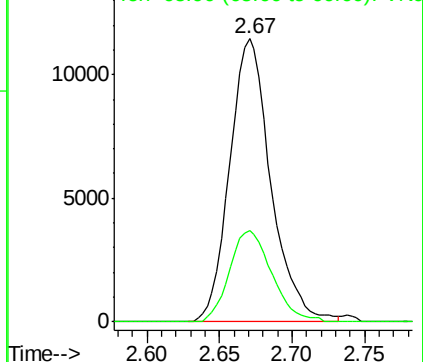
64 100

66 32.1 25.8 38.8



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

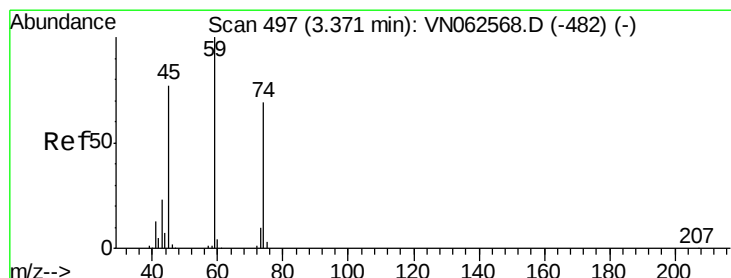
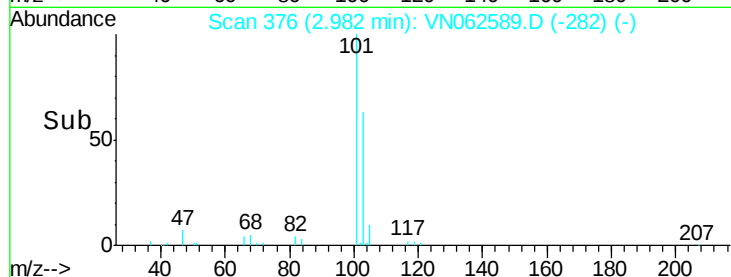
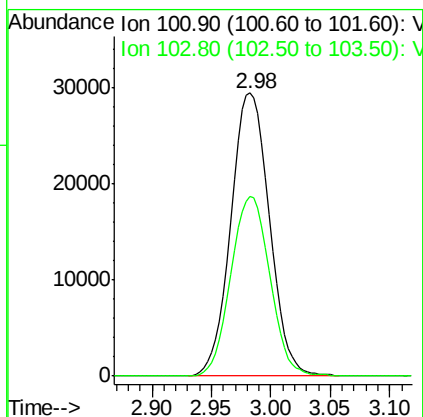
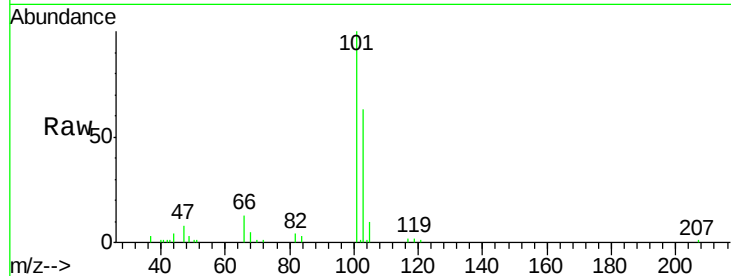
Trichlorofluoromethane
 Concen: 20.350 ug/l
 RT: 2.98 min Scan# 376
 Delta R.T. 0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Instrument :
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 ClientSampleId :
 VN0722WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	51.5	77.3

Manual Integrations
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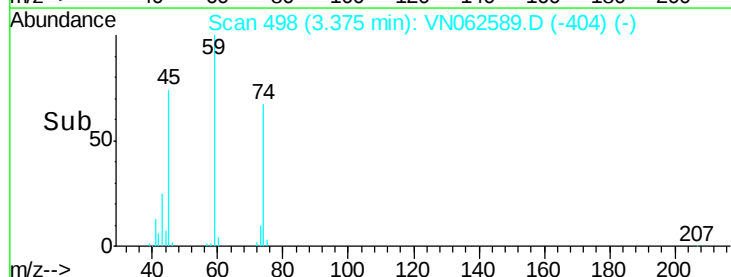
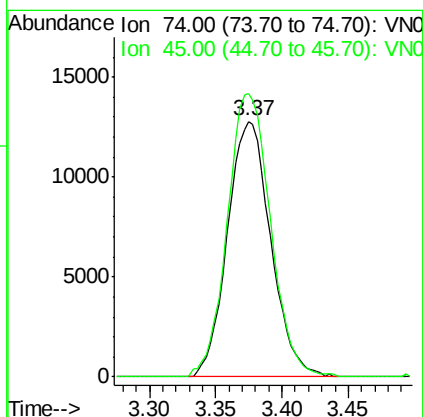
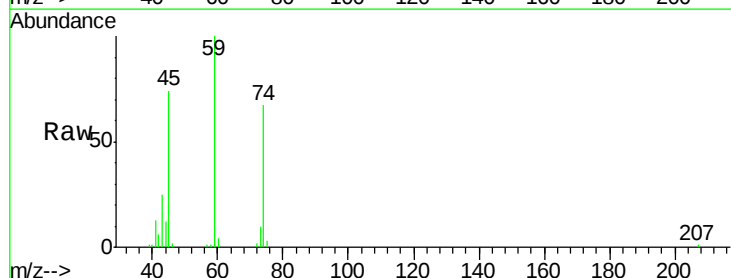
MMDadoda
 7/23/2020 2:15:01 PM

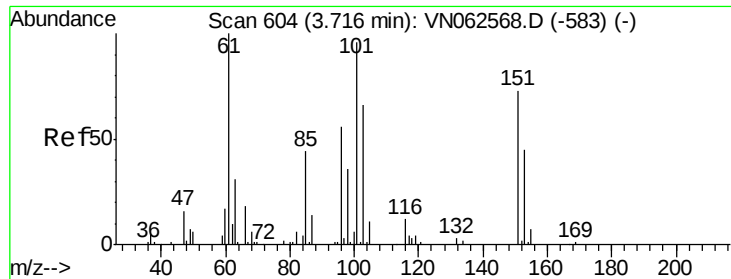


#8

Diethyl Ether
 Concen: 18.973 ug/l
 RT: 3.37 min Scan# 498
 Delta R.T. 0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
74	100		
45	111.0	55.3	165.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.902 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

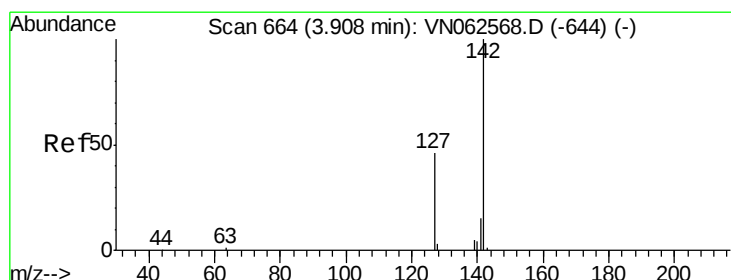
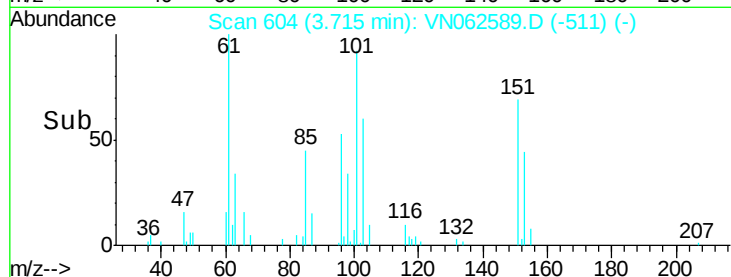
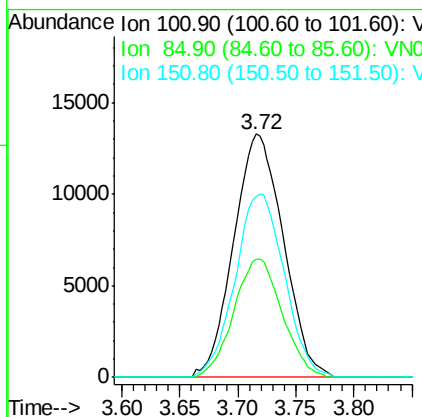
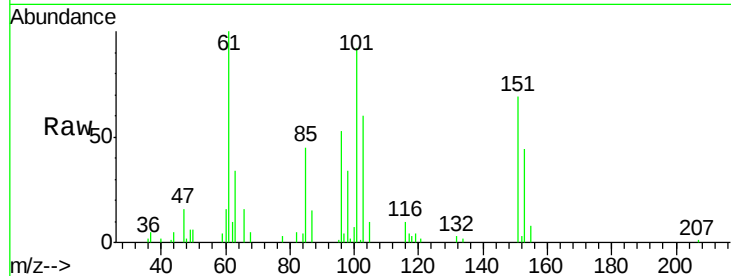
ClientSampleId :

VN0722WBSD01

Tot Ion:	101	Resp:	39526
Ion Ratio	Lower	Upper	
101	100		
85	47.4	36.0	54.0
151	74.7	60.0	90.0

Manual Integrations
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7/23/2020 2:15:01 PM



#10

Methyl Iodide

Concen: 18.190 ug/l

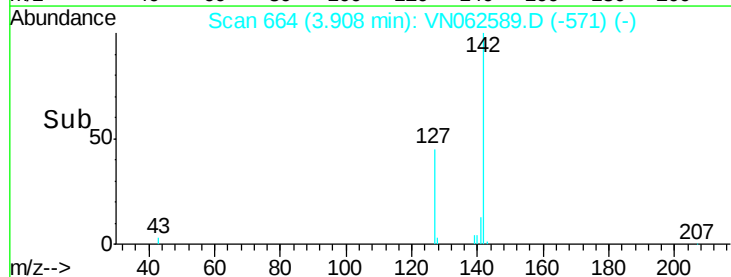
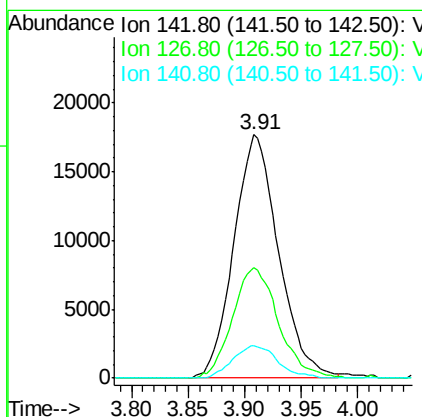
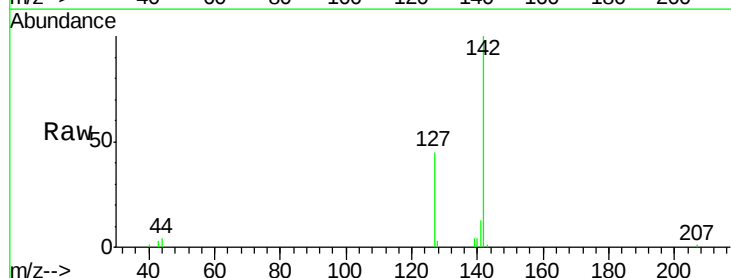
RT: 3.91 min Scan# 664

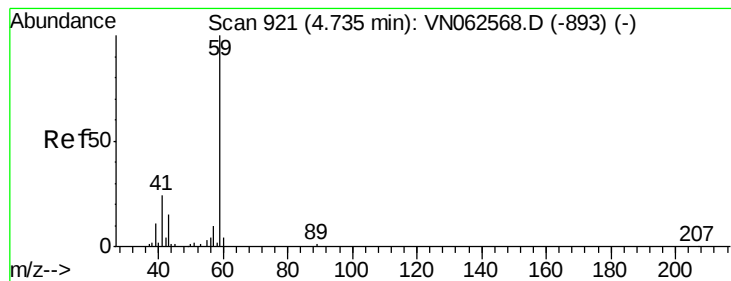
Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Tgt Ion:	142	Resp:	48629
Ion Ratio	Lower	Upper	
142	100		
127	46.5	37.4	56.0
141	13.4	11.9	17.9





#11

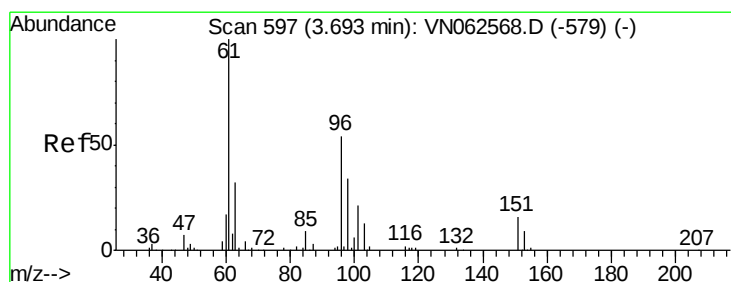
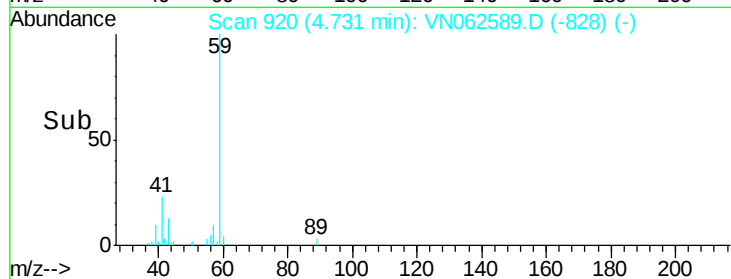
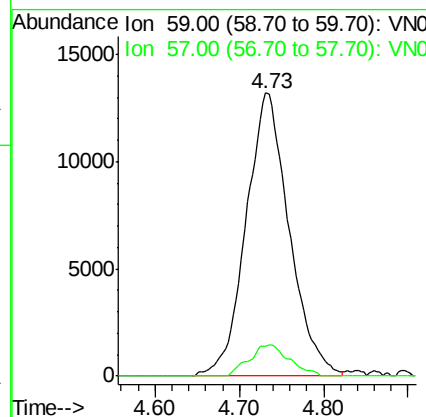
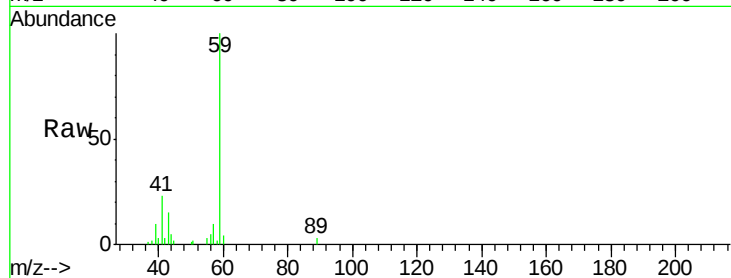
Tert butyl alcohol
 Concen: 95.766 ug/l
 RT: 4.73 min Scan# 920
 Delta R.T. -0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

Tot Ion	59	Resp	46875
Ion Ratio	100	Lower	Upper
57	10.3	8.2	12.2

Manual Integrations
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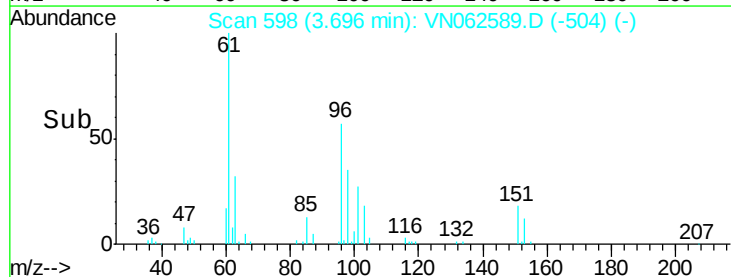
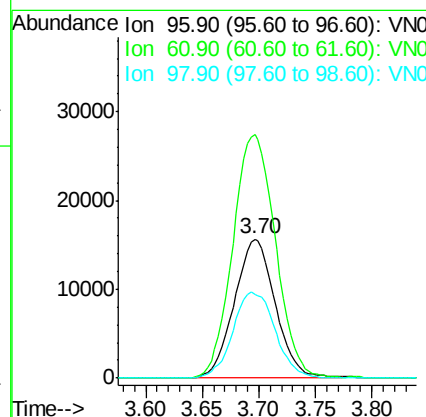
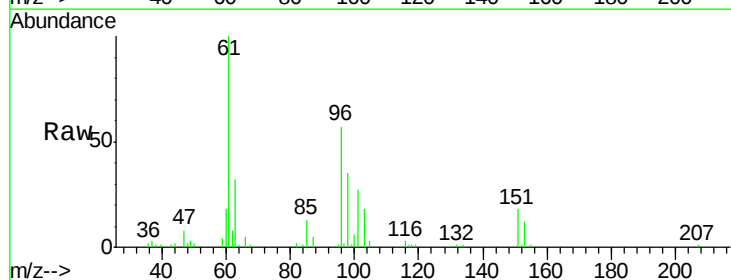
MMDadoda
 7/23/2020 2:15:01 PM

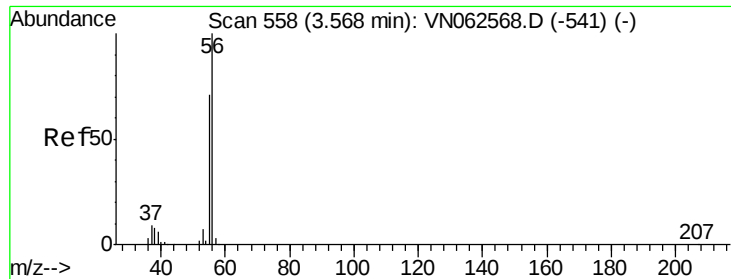


#12

1,1-Dichloroethene
 Concen: 18.589 ug/l
 RT: 3.70 min Scan# 598
 Delta R.T. 0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Tgt Ion	96	Resp	39424
Ion Ratio	100	Lower	Upper
61	175.2	148.6	222.8
98	60.5	50.6	75.8





#13

Acrolein

Concen: 79.715 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

Tot Ion: 56 Resp: 37656

Ion Ratio Lower Upper

56 100

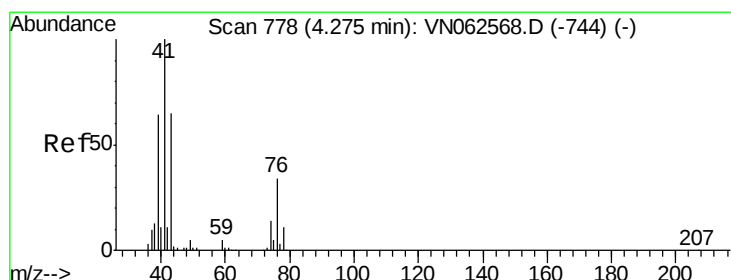
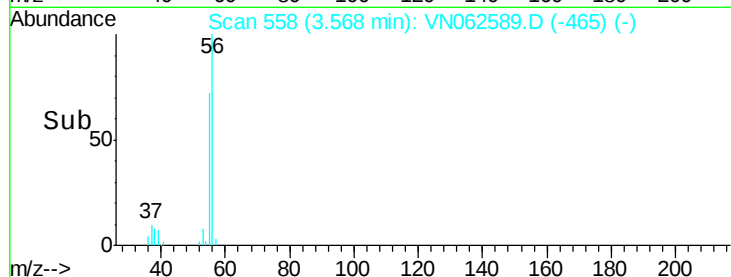
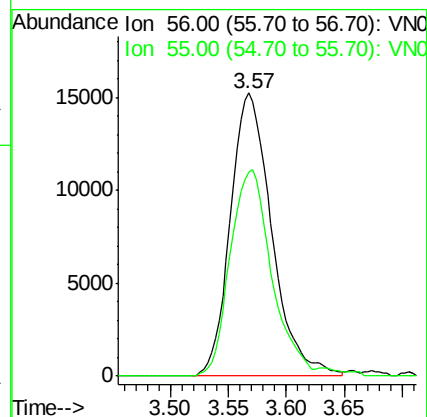
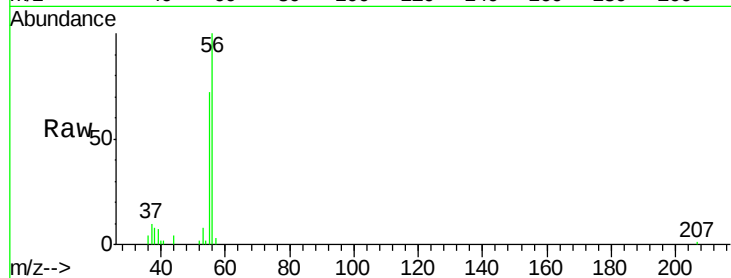
55 72.9 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 18.492 ug/l

RT: 4.28 min Scan# 779

Delta R.T. 0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

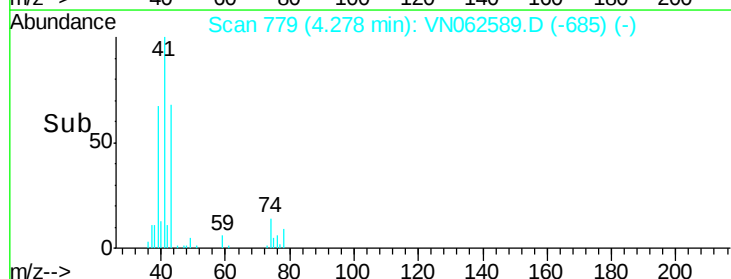
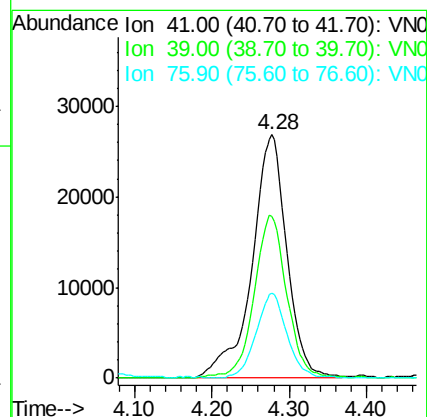
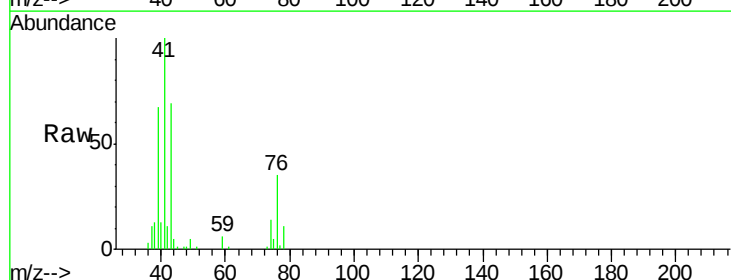
Tgt Ion: 41 Resp: 84834

Ion Ratio Lower Upper

41 100

39 62.4 49.0 73.4

76 30.7 24.0 36.0





#15

Acrylonitrile

Concen: 97.630 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

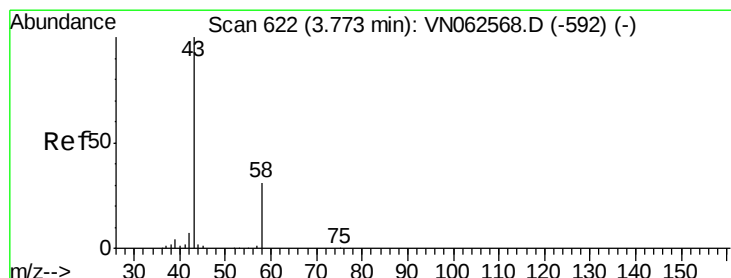
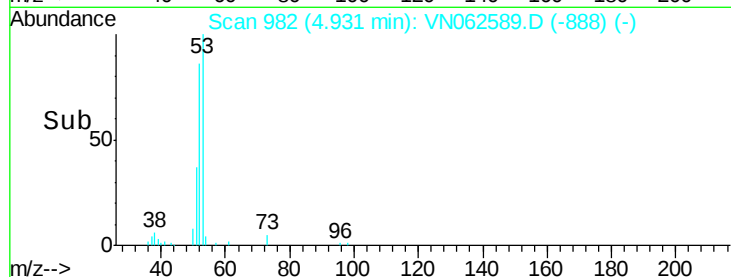
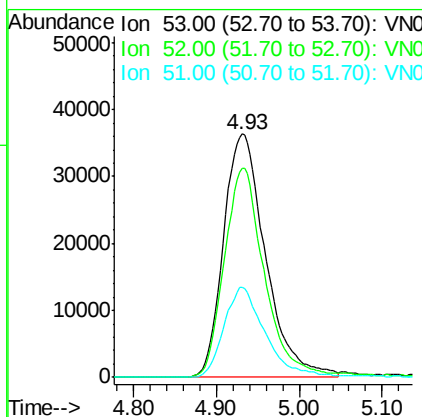
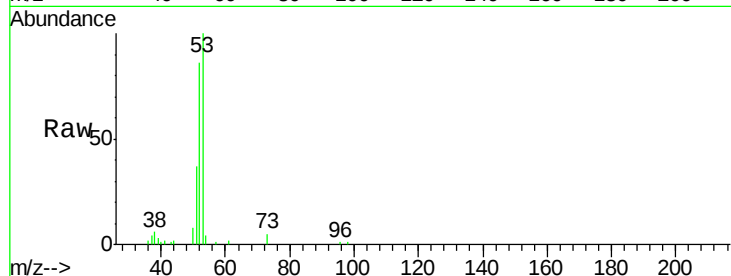
ClientSampleId :

VN0722WBSD01

Tot Ion:	53	Resp:	127998
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.3	99.5
51	36.2	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 95.207 ug/l

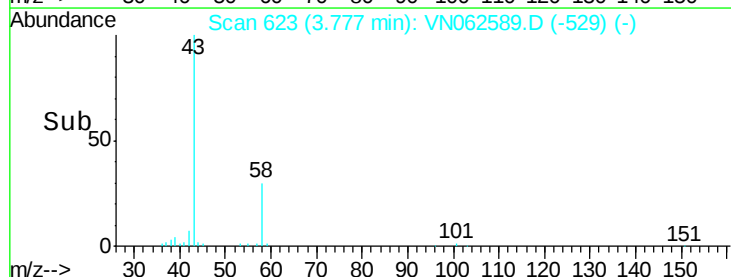
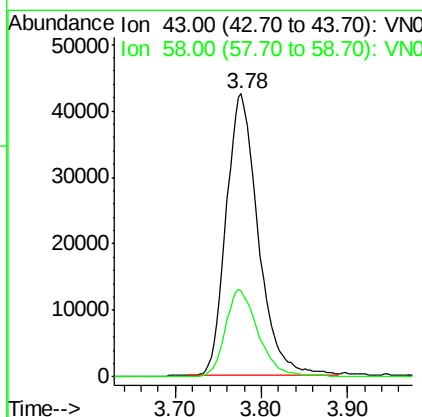
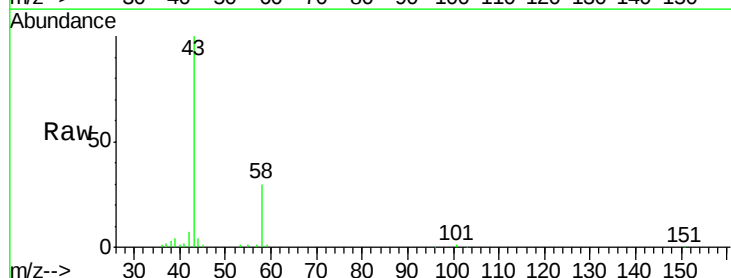
RT: 3.78 min Scan# 623

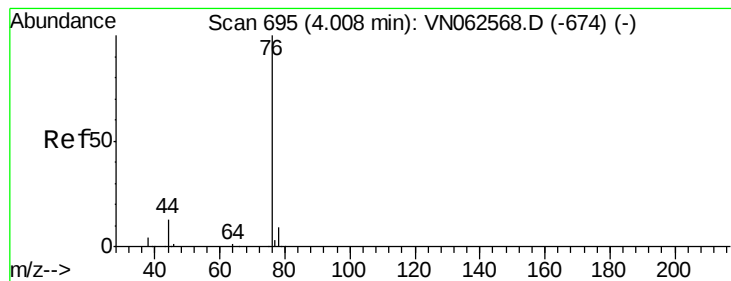
Delta R.T. 0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Tgt Ion:	43	Resp:	110237
Ion Ratio	Lower	Upper	
43	100		
58	30.4	24.6	37.0





#17

Carbon Disulfide

Concen: 17.678 ug/l

RT: 4.01 min Scan# 695

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

Tot Ion: 76 Resp: 123183

Ion Ratio Lower Upper

76 100

78 8.7

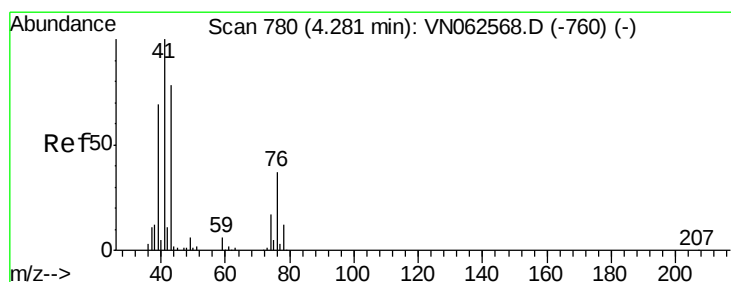
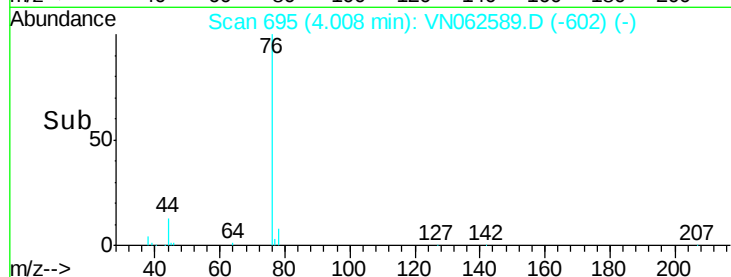
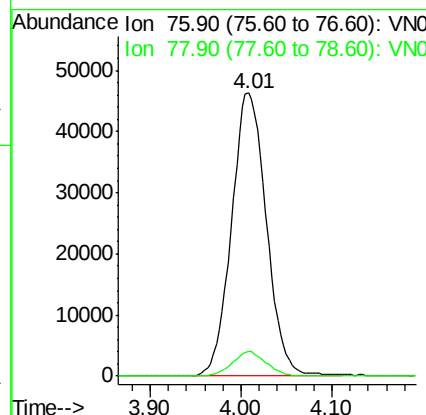
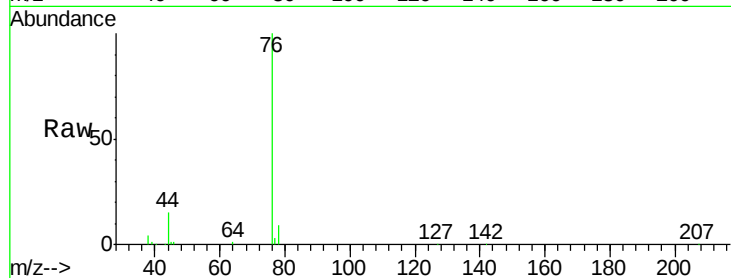
7.3 10.9

Manual Integrations

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7/23/2020 2:15:01 PM



#18

Methyl Acetate

Concen: 19.475 ug/l

RT: 4.28 min Scan# 779

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

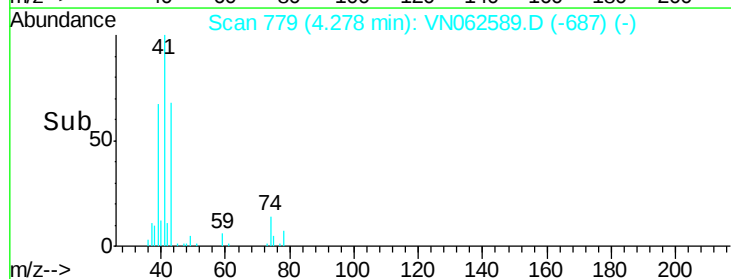
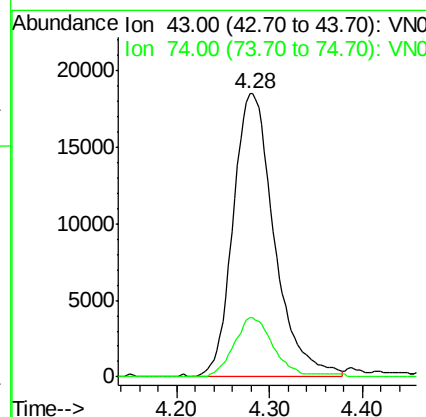
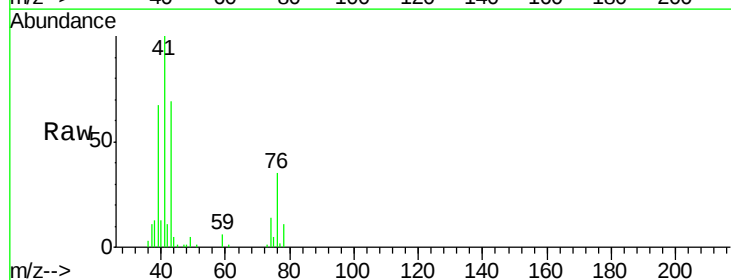
Tgt Ion: 43 Resp: 57084

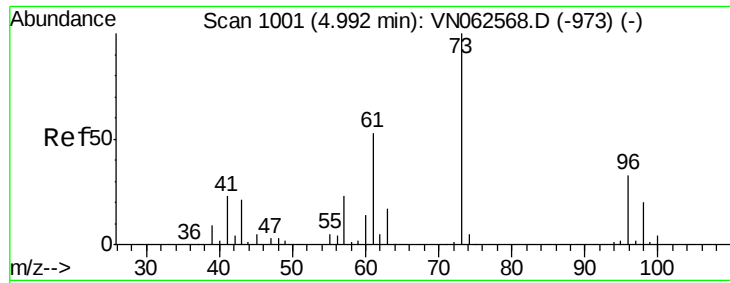
Ion Ratio Lower Upper

43 100

74 19.7

16.6 24.8





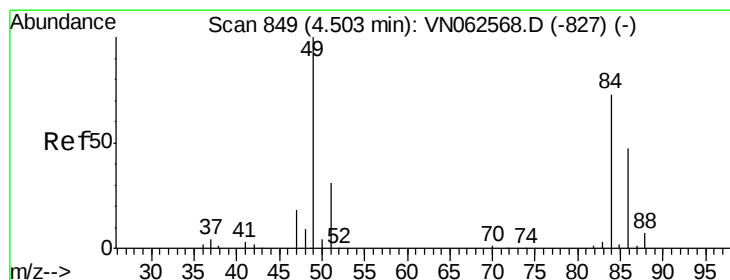
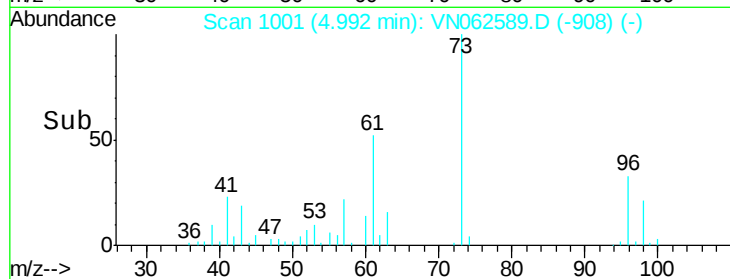
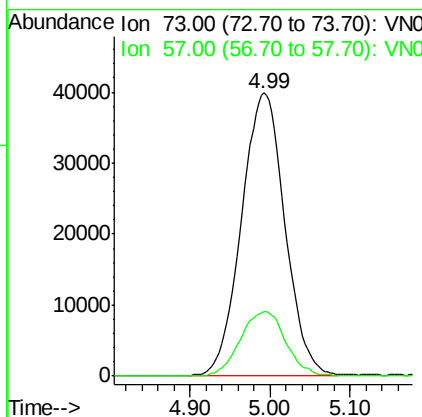
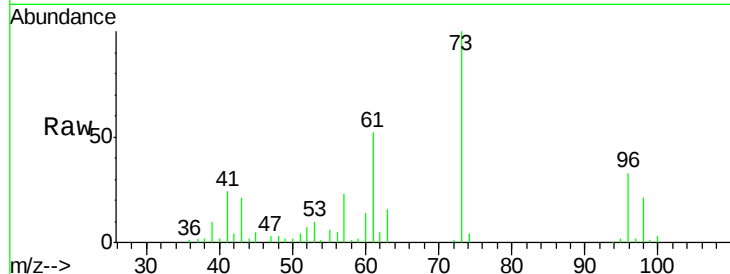
#19
Methvl tert-butvl Ether
Concen: 18.982 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion: 73 Resp: 148173
Ion Ratio Lower Upper
73 100
57 22.6 18.6 27.8

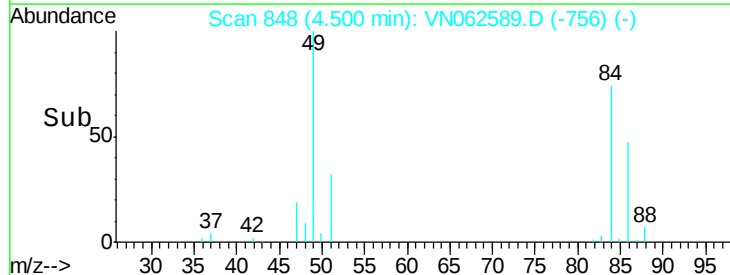
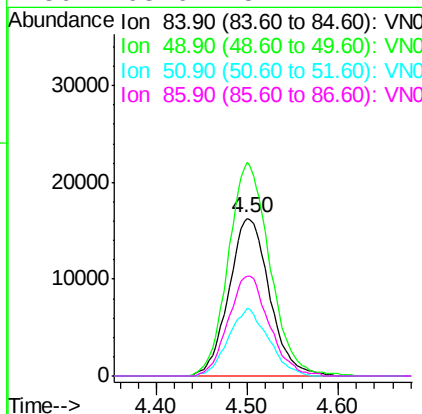
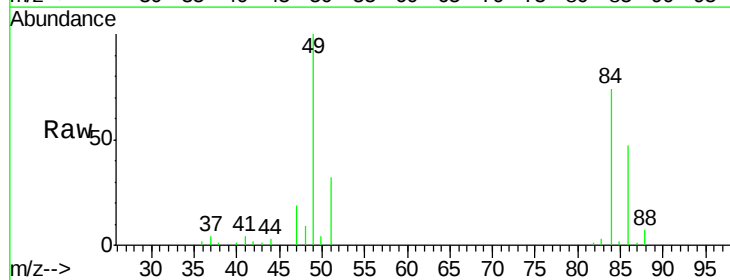
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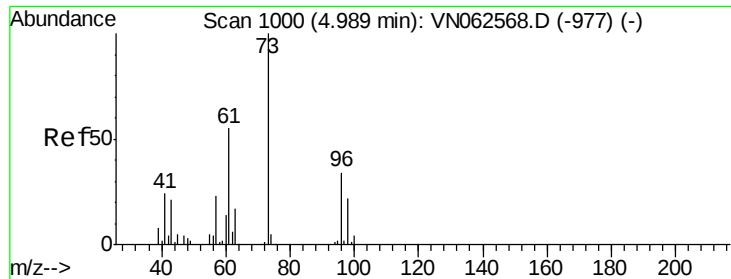
MMDadoda
7/23/2020 2:15:01 PM



#20
Methylene Chloride
Concen: 18.240 ug/l
RT: 4.50 min Scan# 848
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion: 84 Resp: 50653
Ion Ratio Lower Upper
84 100
49 135.4 109.4 164.0
51 43.1 33.6 50.4
86 63.6 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 18.778 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

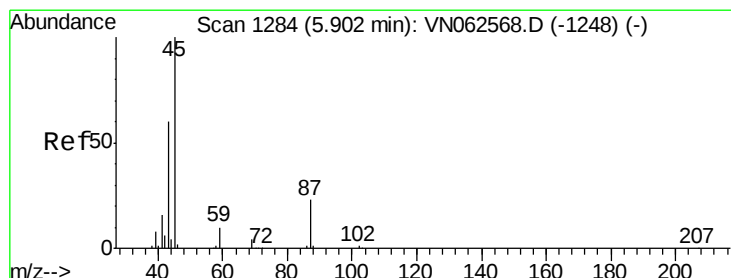
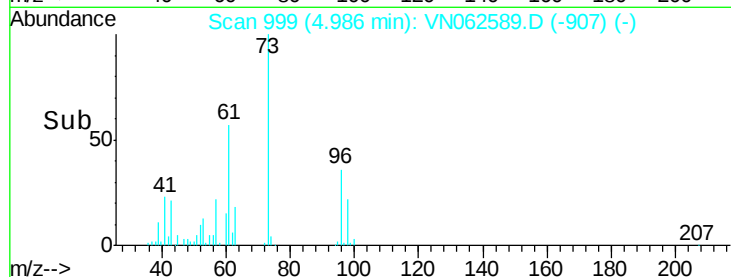
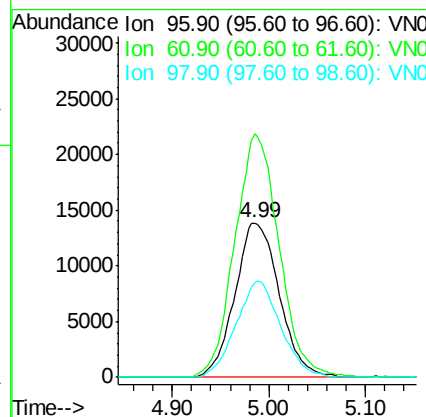
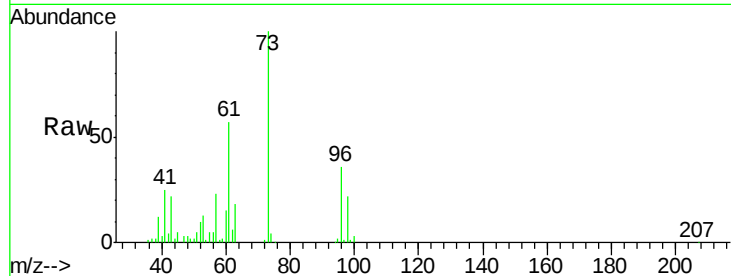
ClientSampleId :

VN0722WBSD01

Tot Ion:	96	Resp:	44200
Ion	Ratio	Lower	Upper
96	100		
61	157.6	128.6	192.8
98	61.4	50.6	76.0

Manual Integrations
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MMDadoda
7/23/2020 2:15:01 PM



#22

Diisopropyl ether

Concen: 19.369 ug/l

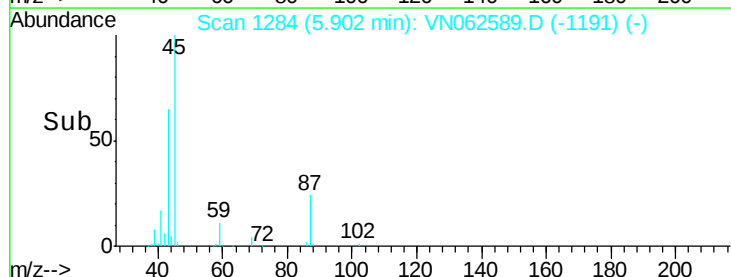
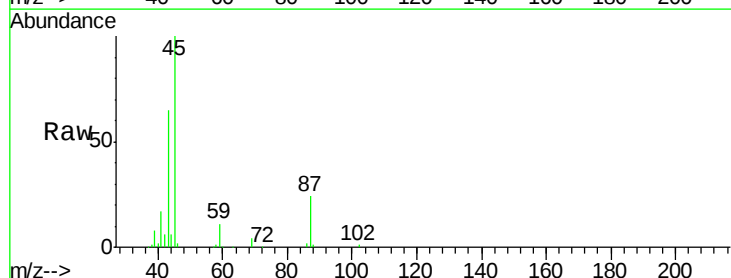
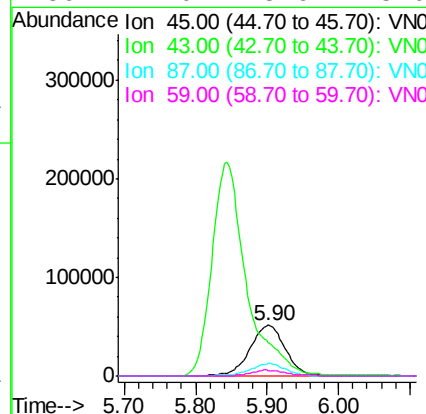
RT: 5.90 min Scan# 1284

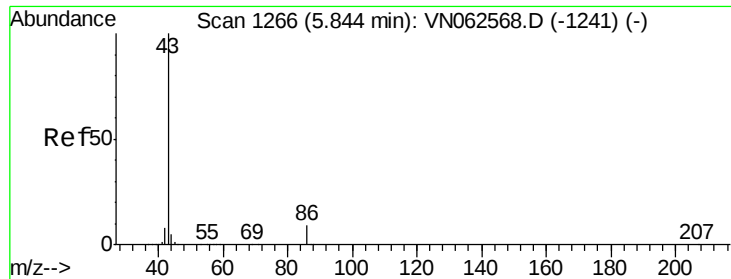
Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Tgt Ion:	45	Resp:	176621
Ion	Ratio	Lower	Upper
45	100		
43	62.6	48.7	73.1
87	24.1	19.0	28.6
59	11.0	8.6	13.0





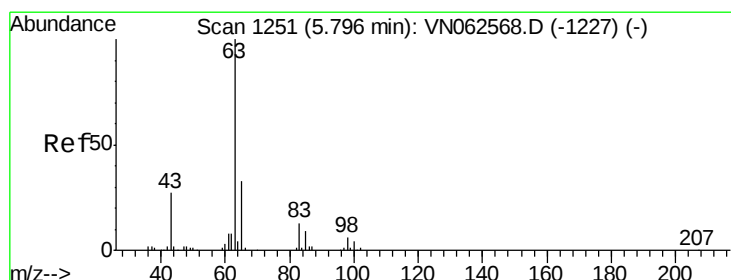
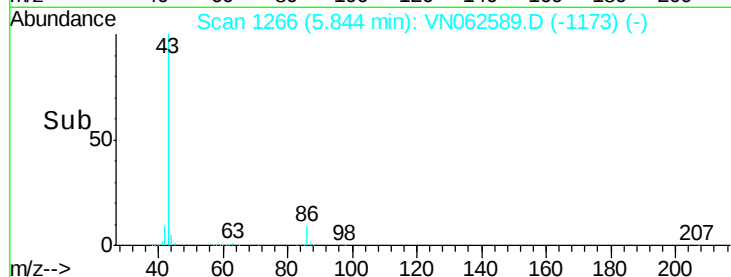
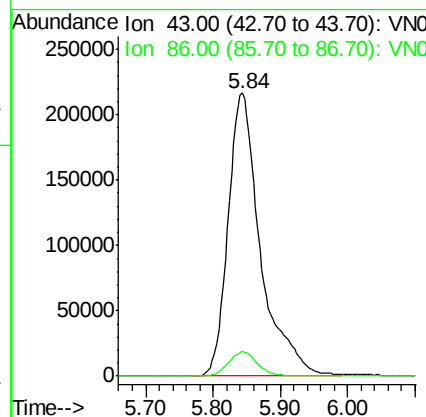
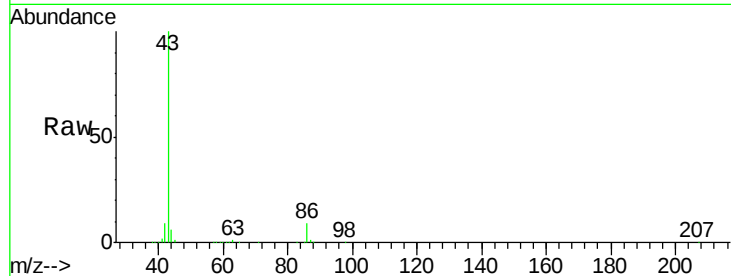
#23
 Vinyl Acetate
 Concen: 97.058 ug/l
 RT: 5.84 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0722WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
43	100	725197		
86	8.6		6.9	10.3

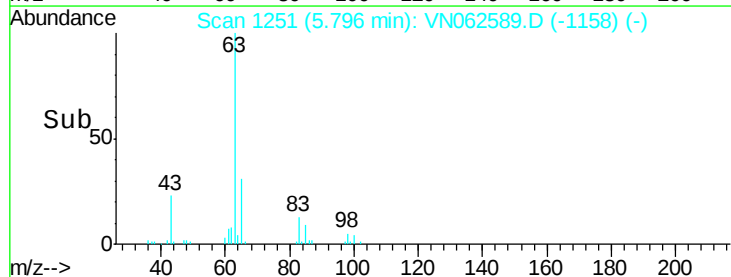
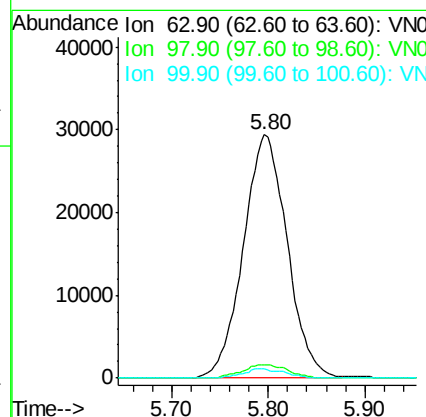
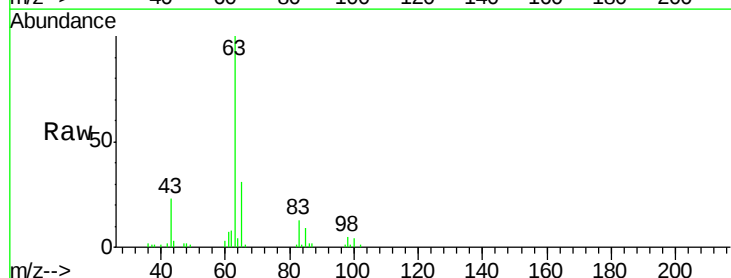
Manual Integrations
 APPROVED

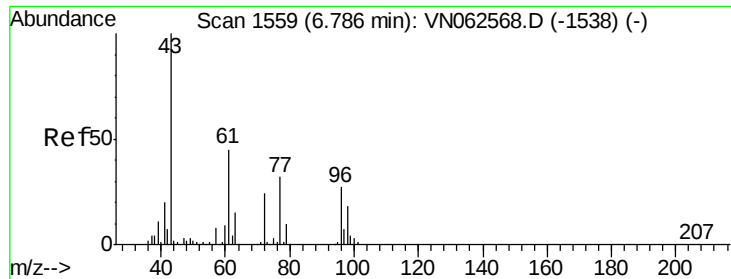
MMDadoda
 7/23/2020 2:15:01 PM



#24
 1,1-Dichloroethane
 Concen: 18.867 ug/l
 RT: 5.80 min Scan# 1251
 Delta R.T. -0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	92645		
98	5.4		2.9	8.8
100	3.7		1.8	5.4





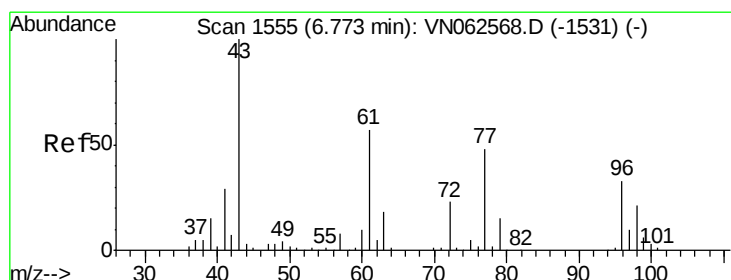
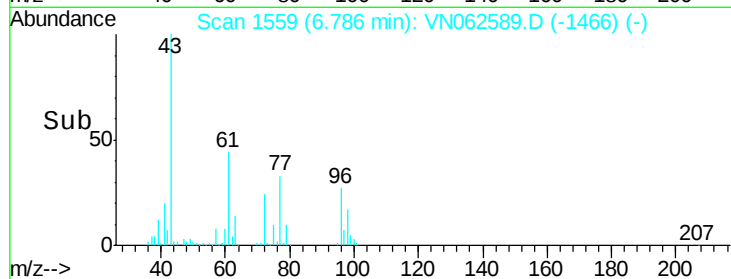
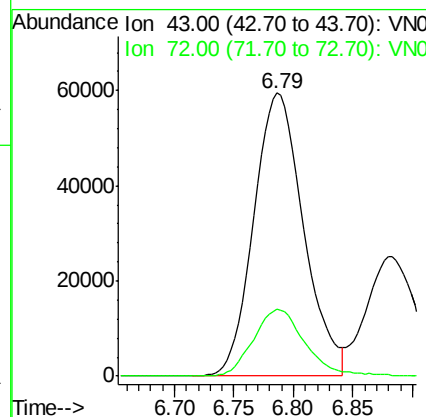
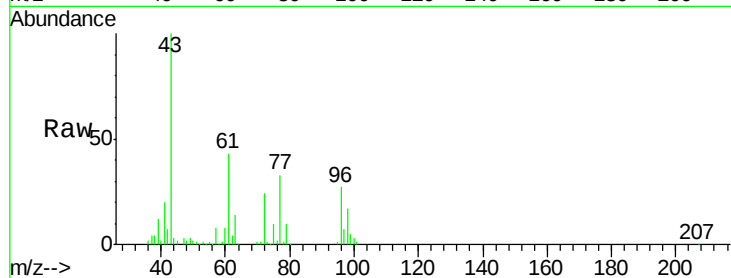
#25
2-Butanone
Concen: 97.842 ug/l
RT: 6.79 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion: 43 Resp: 172533
Ion Ratio Lower Upper
43 100
72 23.5 19.0 28.6

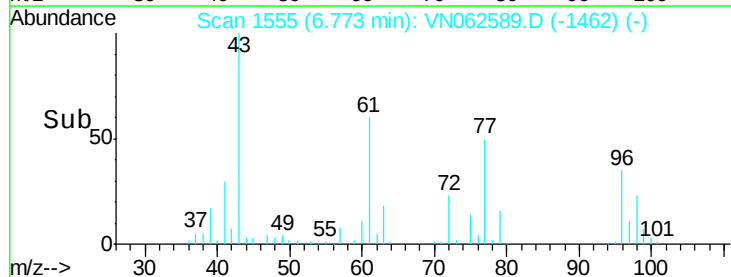
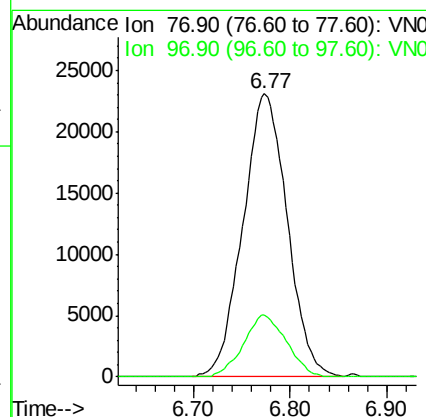
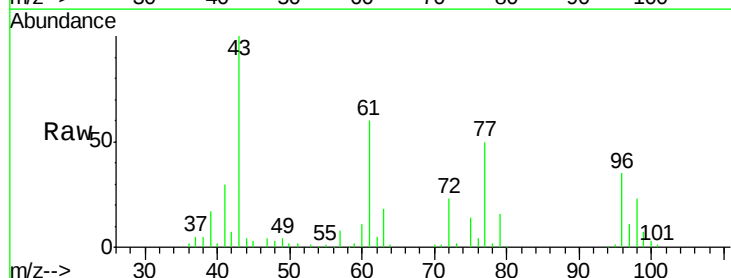
Manual Integrations
APPROVED

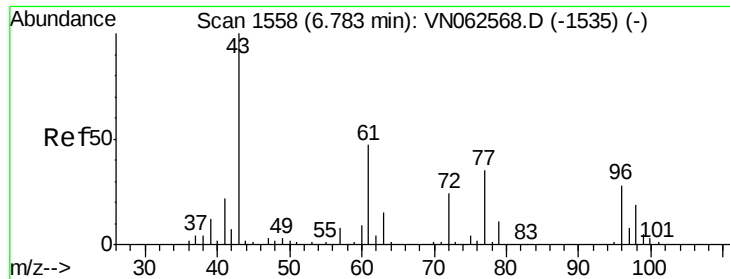
MMDadoda
7/23/2020 2:15:01 PM



#26
2,2-Dichloropropane
Concen: 18.231 ug/l
RT: 6.77 min Scan# 1555
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion: 77 Resp: 73490
Ion Ratio Lower Upper
77 100
97 21.1 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 18.629 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

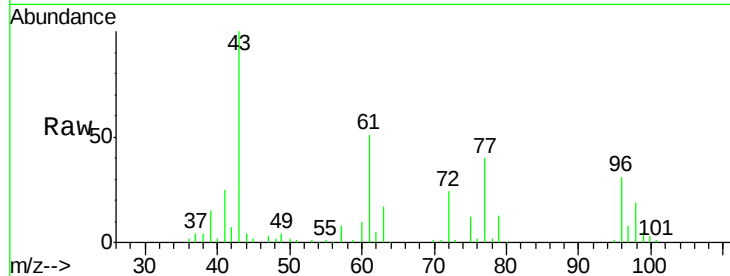
ClientSampleId :

VN0722WBSD01

Tot Ion:	96	Resp:	50037
Ion	Ratio	Lower	Upper
96	100		
61	167.8	0.0	332.4
98	63.4	0.0	127.4

Manual Integrations
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MMDadoda
7/23/2020 2:15:01 PM



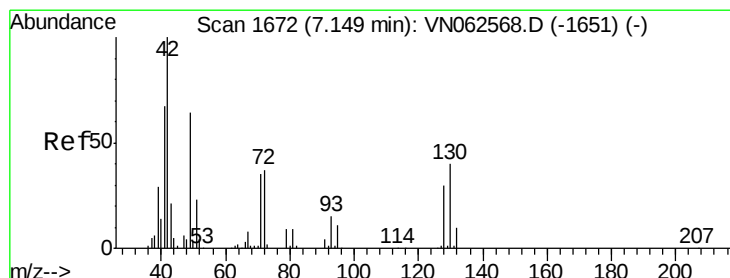
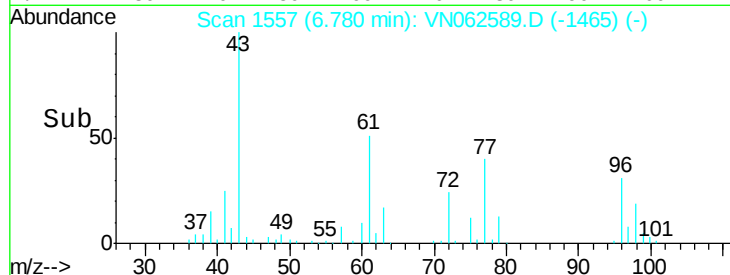
Abundance Ion 95.90 (95.60 to 96.60): VN062568.D (-1535) (-)

Ion 60.90 (60.60 to 61.60): VN062568.D (-1535) (-)

Ion 97.90 (97.60 to 98.60): VN062568.D (-1535) (-)

Time-->

6.78



#28

Bromochloromethane

Concen: 21.372 ug/l

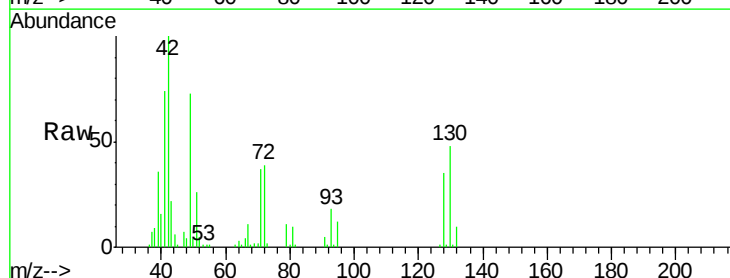
RT: 7.15 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Tgt Ion:	49	Resp:	51648
Ion	Ratio	Lower	Upper
49	100		
129	0.3	0.0	3.4
130	63.5	49.8	74.8



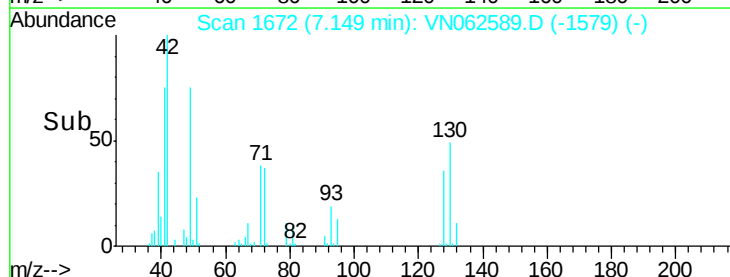
Abundance Ion 48.90 (48.60 to 49.60): VN062568.D (-1651) (-)

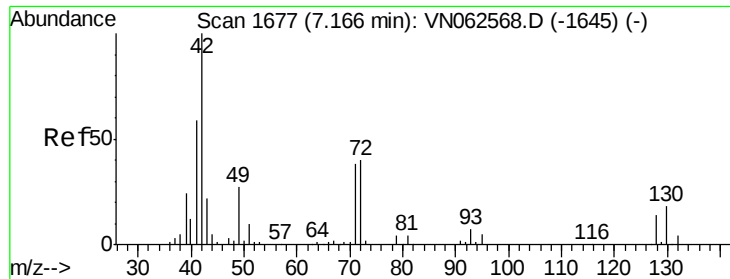
Ion 128.80 (128.50 to 129.50): VN062568.D (-1651) (-)

Ion 129.80 (129.50 to 130.50): VN062568.D (-1651) (-)

Time-->

7.15





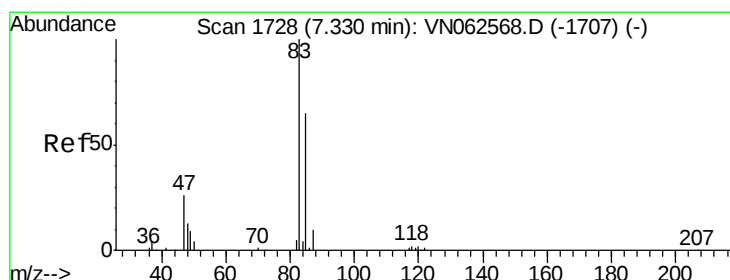
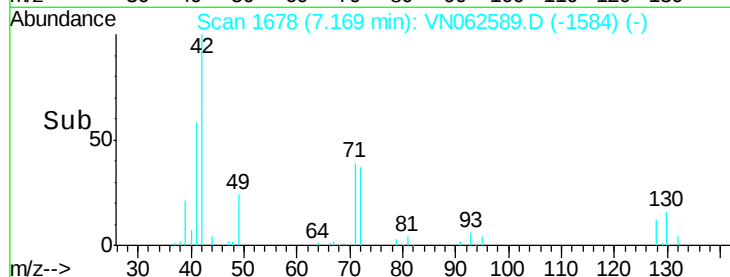
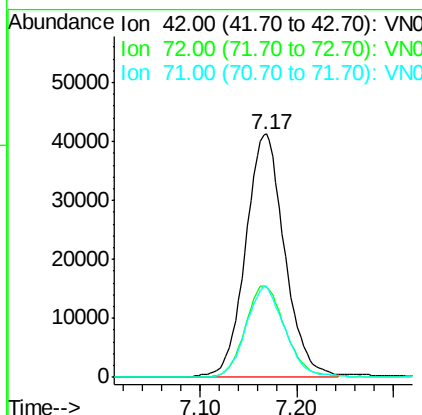
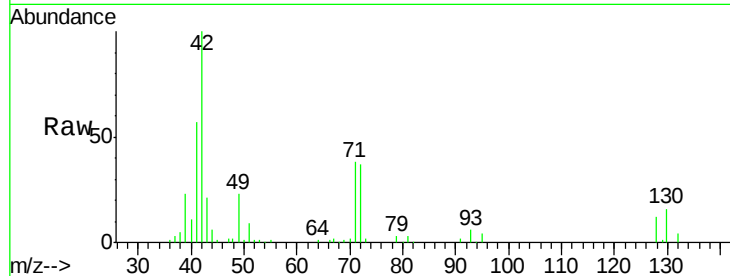
#29
Tetrahydrofuran
Concen: 96.855 ug/l
RT: 7.17 min Scan# 1678
Delta R.T. 0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	38.5	30.7	46.1
71	36.8	29.1	43.7

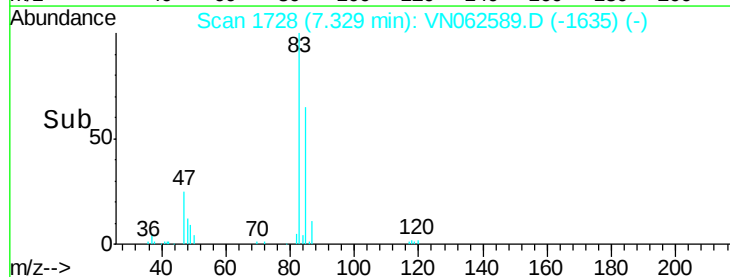
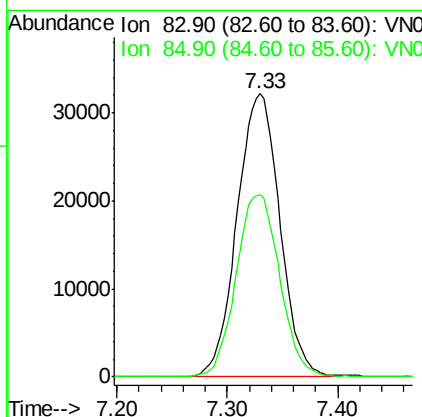
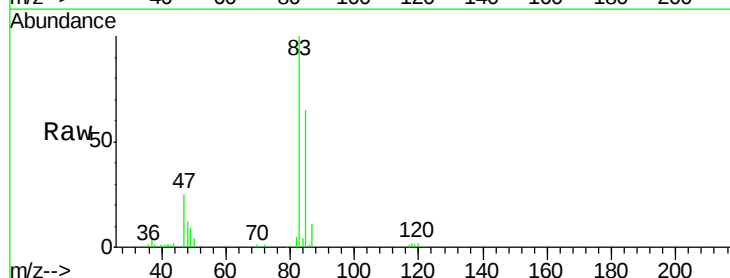
Manual Integrations
APPROVED

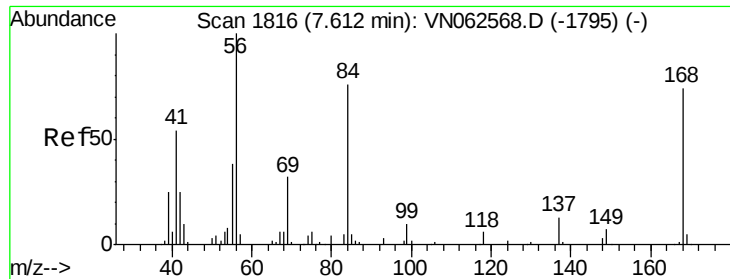
MMDadoda
7/23/2020 2:15:01 PM



#30
Chloroform
Concen: 18.576 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	52.0	78.0





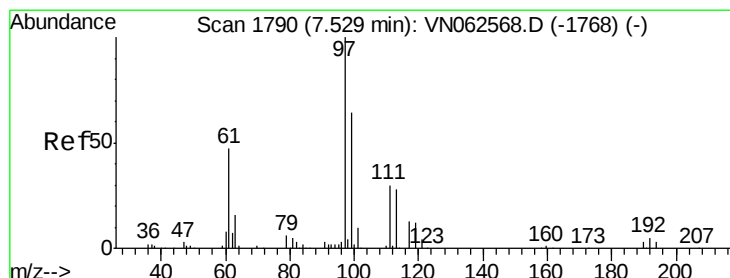
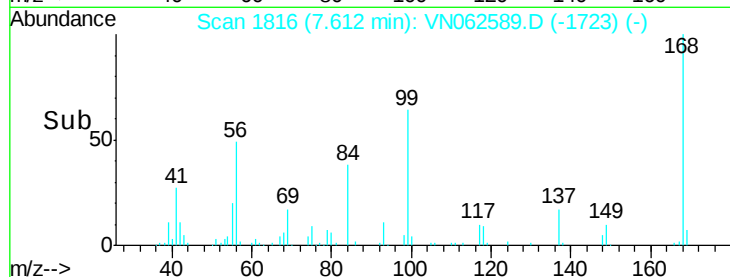
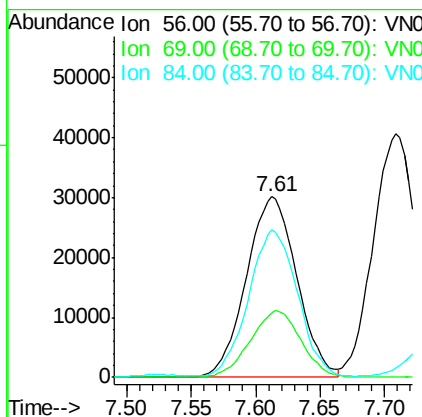
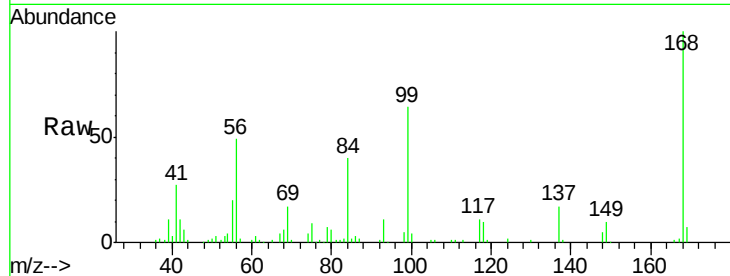
#31
Cyclohexane
Concen: 18.144 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampled :
VN0722WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.7	25.3	37.9
84	81.0	61.0	91.4

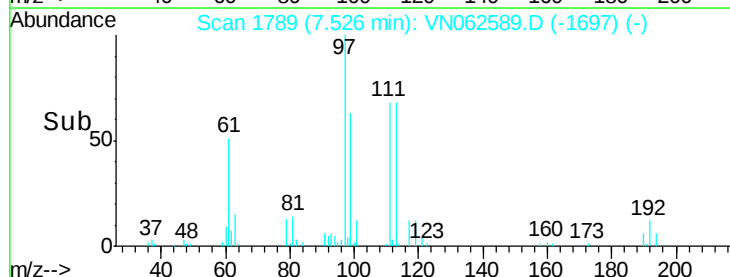
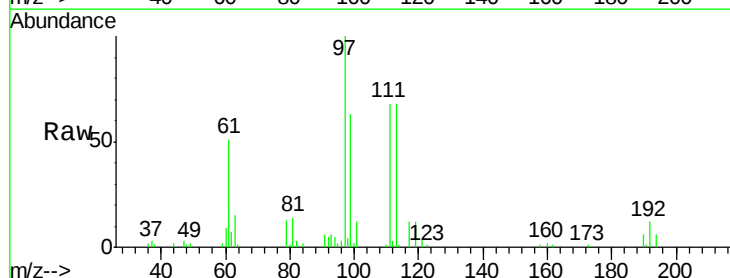
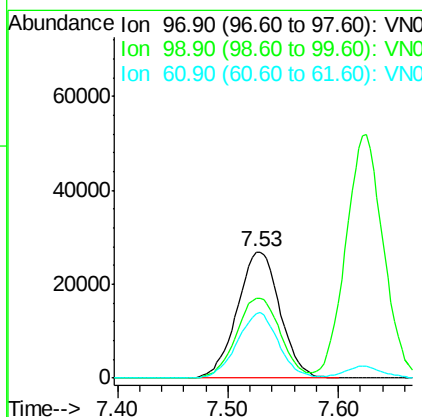
Manual Integrations
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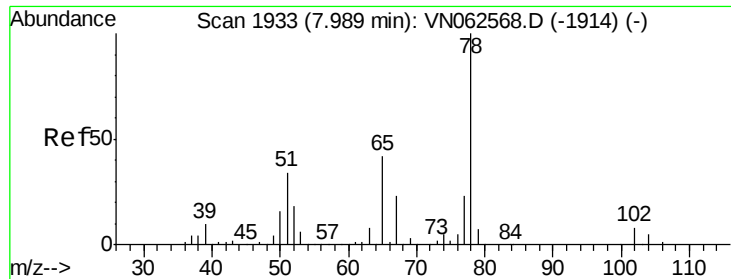
MMDadoda
7/23/2020 2:15:01 PM



#32
1,1,1-Trichloroethane
Concen: 18.552 ug/l
RT: 7.53 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.2	76.8
61	49.5	38.4	57.6





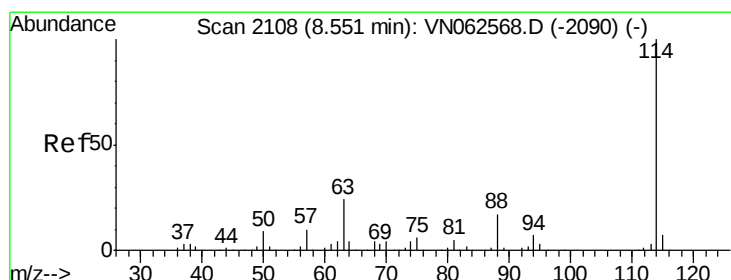
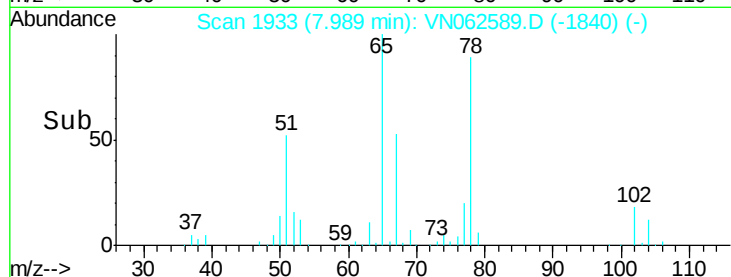
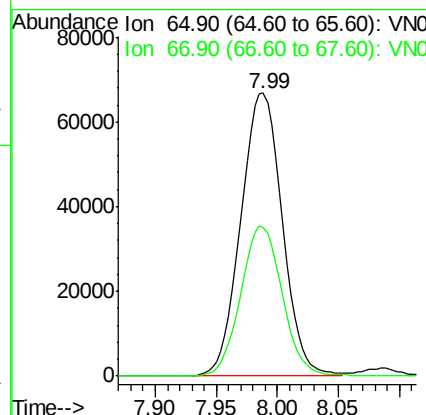
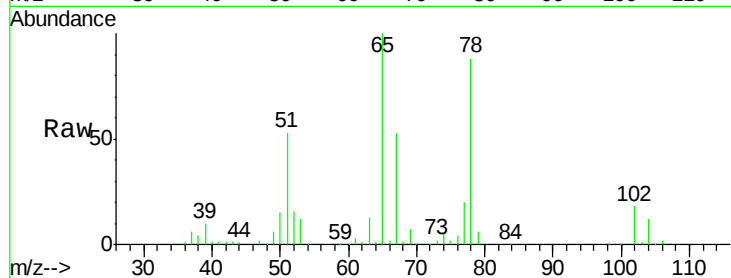
#33
 1,2-Dichloroethane-d4
 Concen: 51.064 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	157120		
67	53.0	0.0	106.0	

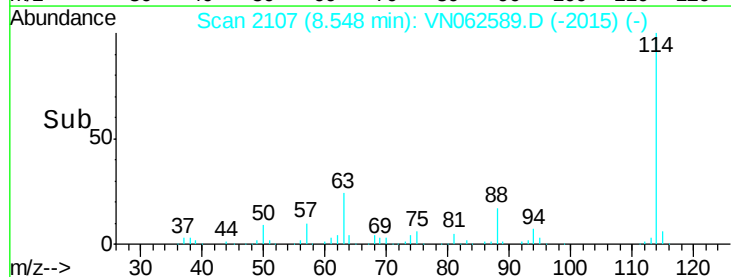
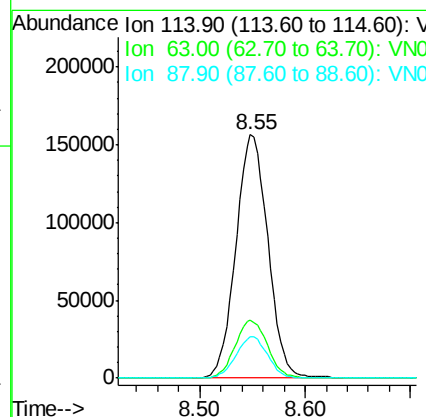
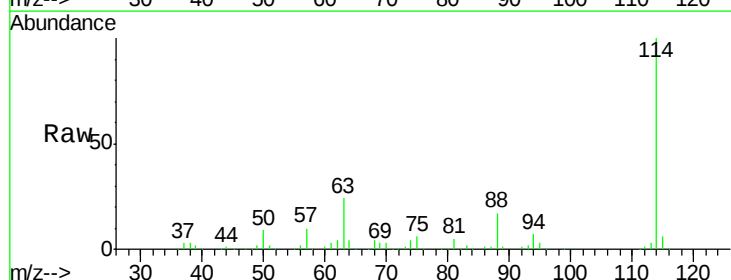
Manual Integrations
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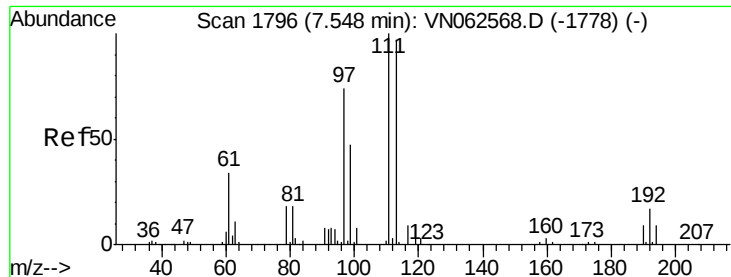
MMDadoda
 7/23/2020 2:15:01 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	328907		
63	23.7	0.0	48.4	
88	17.0	0.0	33.8	





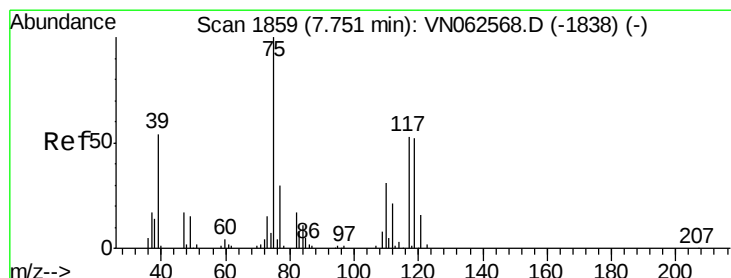
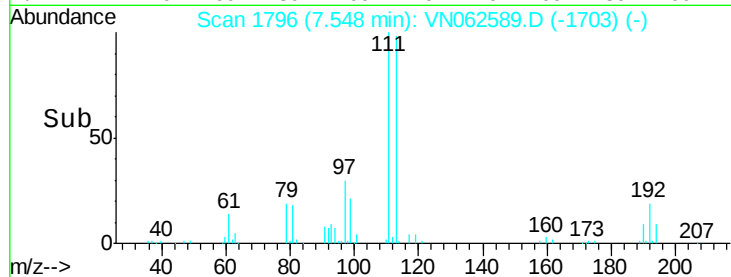
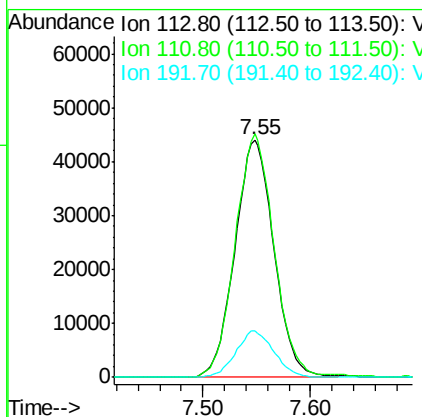
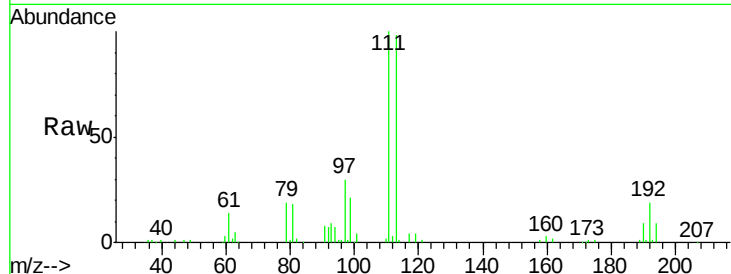
#35
 Dibromofluoromethane
 Concen: 51.225 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. -0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	110669		
111	101.6	82.7	124.1	
192	19.1	14.8	22.2	

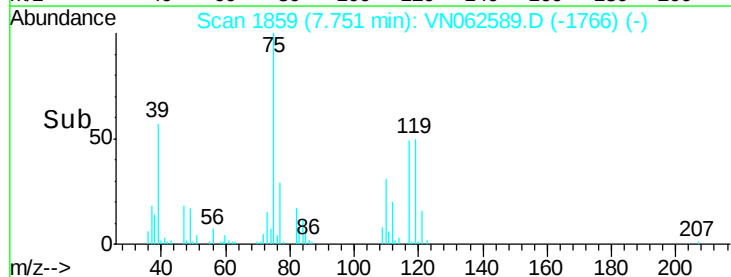
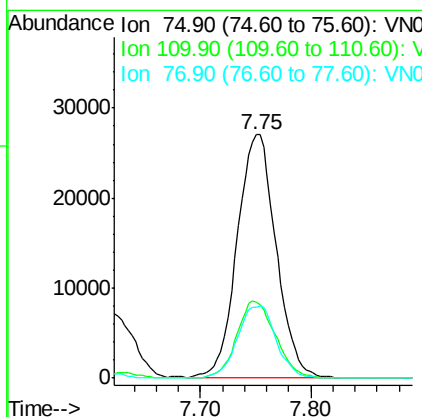
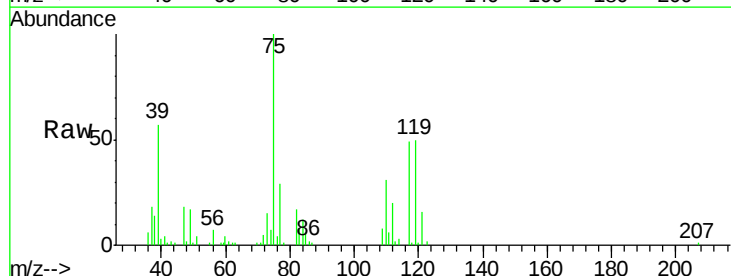
Manual Integrations
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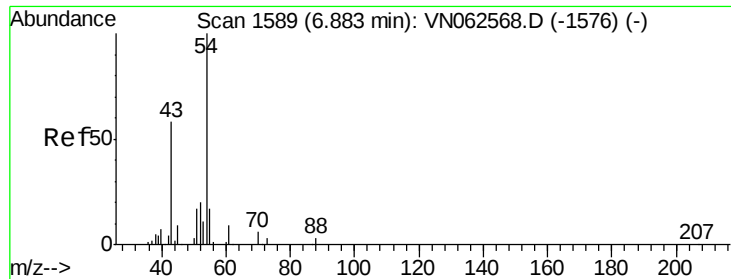
MMDadoda
 7/23/2020 2:15:01 PM



#36
 1,1-Dichloropropene
 Concen: 18.919 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. -0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	66327		
110	31.3	16.0	48.0	
77	29.4	24.6	36.8	





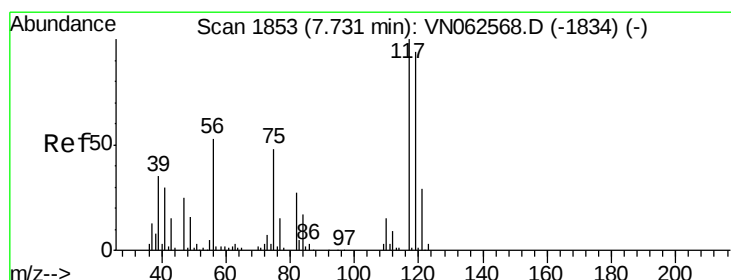
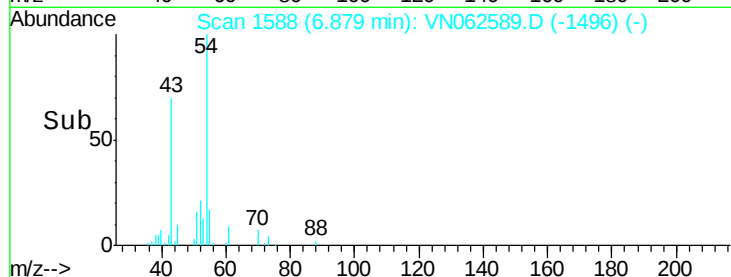
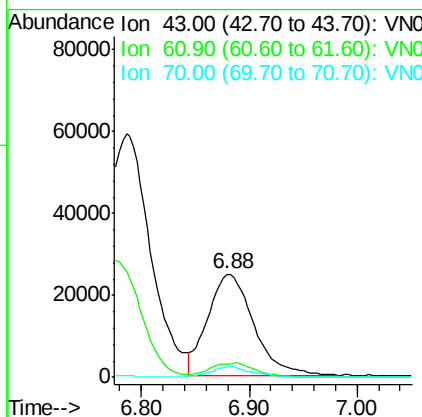
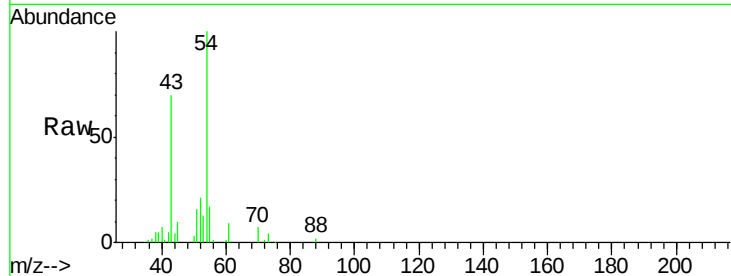
#37
Ethyl Acetate
Concen: 19.439 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.3	16.9
70	9.4	7.7	11.5

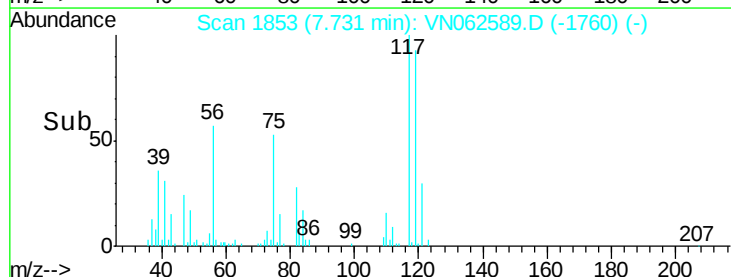
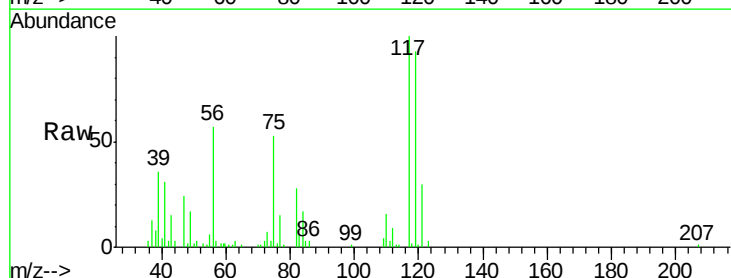
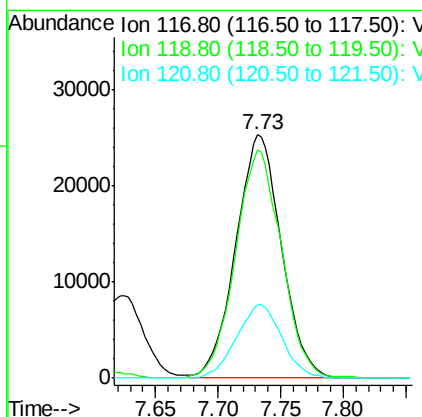
Manual Integrations
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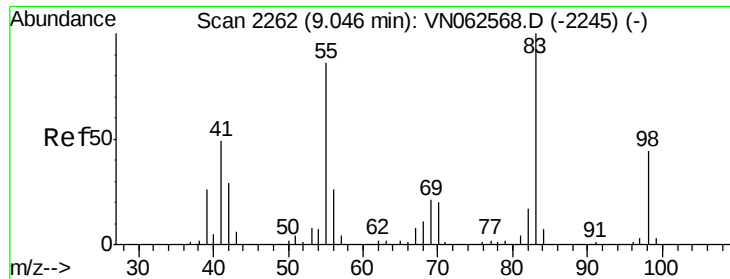
MMDadoda
7/23/2020 2:15:01 PM



#38
Carbon Tetrachloride
Concen: 18.970 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	74.8	112.2
121	30.0	23.0	34.6





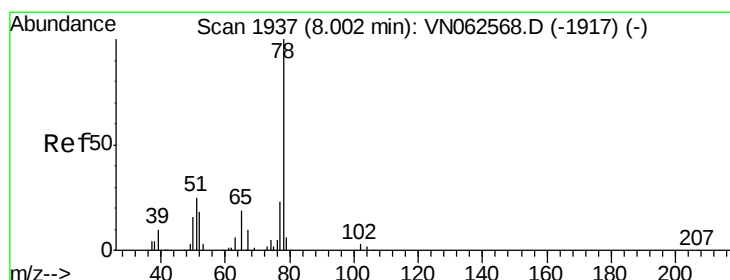
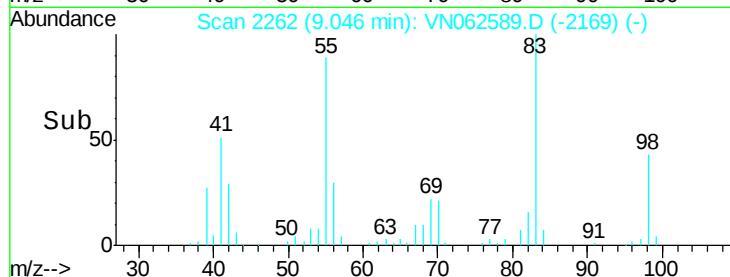
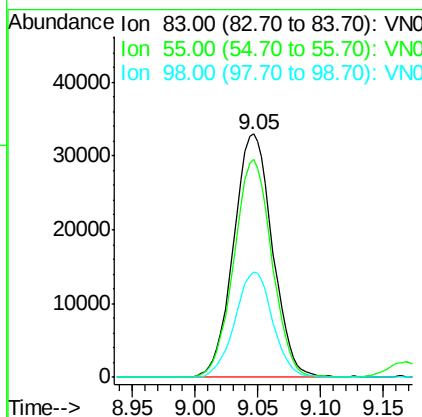
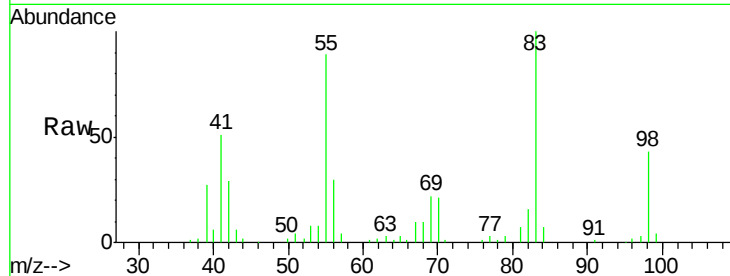
#39
Methvlcvclohexane
Concen: 18.821 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	89.5	68.9	103.3
98	43.2	35.1	52.7

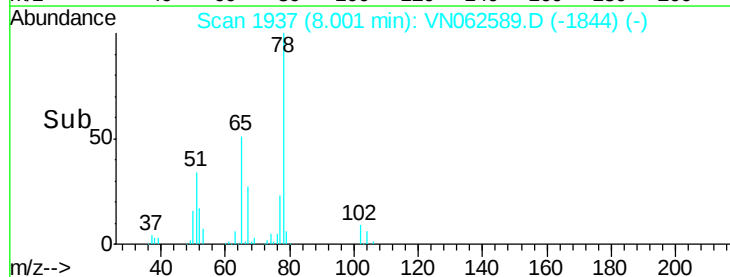
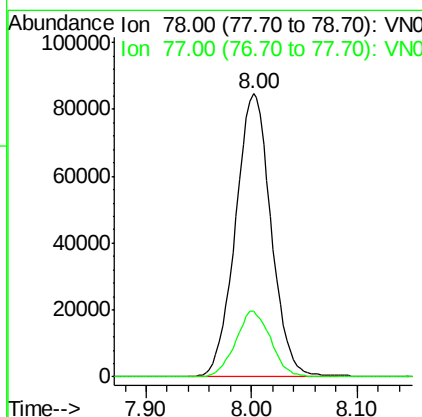
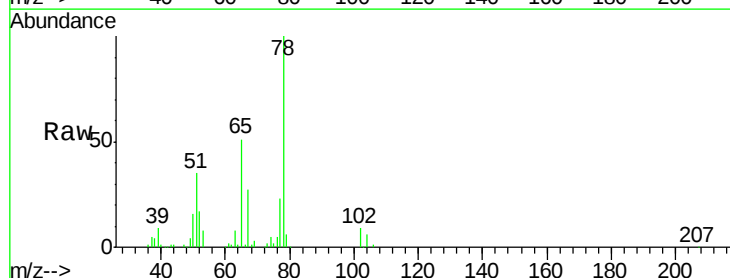
Manual Integrations
APPROVED

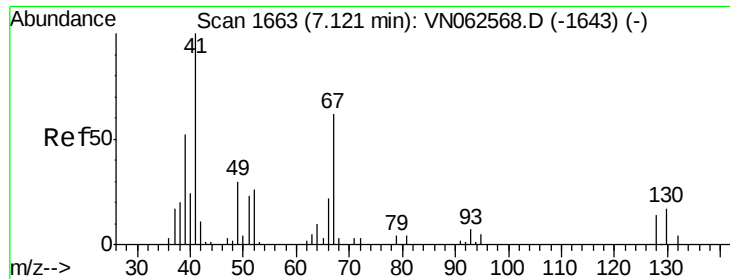
MMDadoda
7/23/2020 2:15:01 PM



#40
Benzene
Concen: 18.723 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.7	28.1





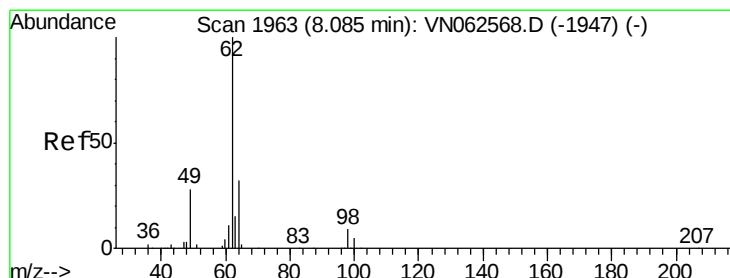
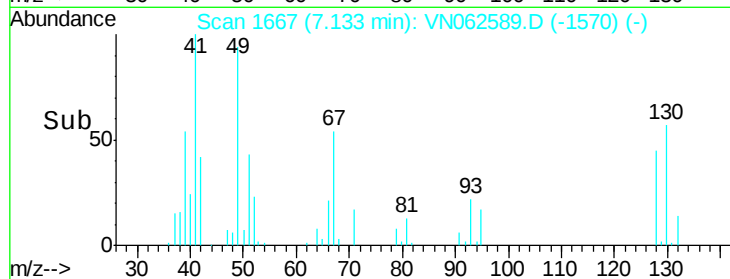
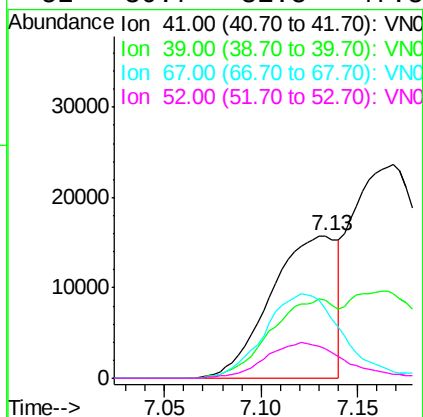
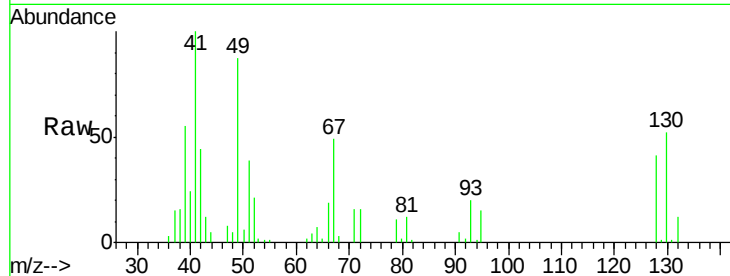
#41
Methacrylonitrile
Concen: 23.208 ug/l
RT: 7.13 min Scan# 1667
Delta R.T. 0.01 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.7	55.8	83.6#
67	70.0	72.5	108.7#
52	30.7	31.8	47.8#

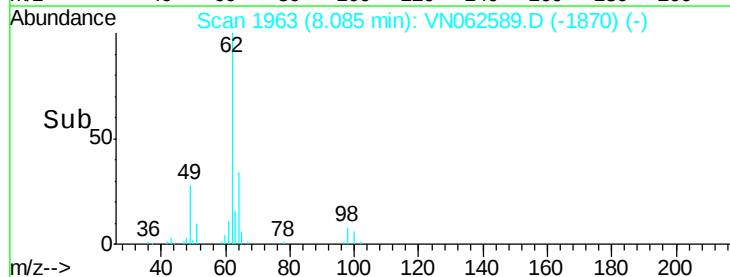
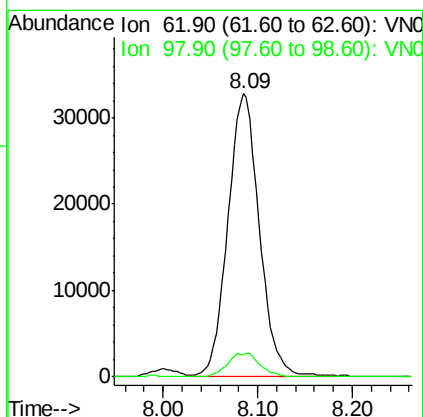
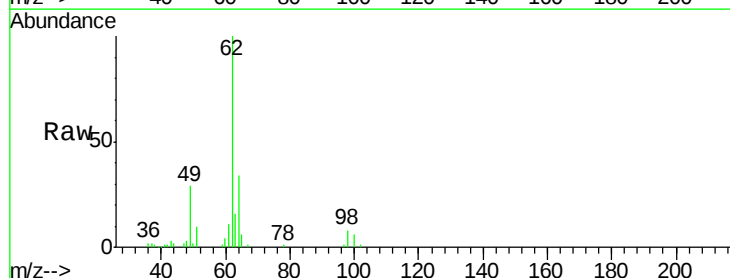
Manual Integrations
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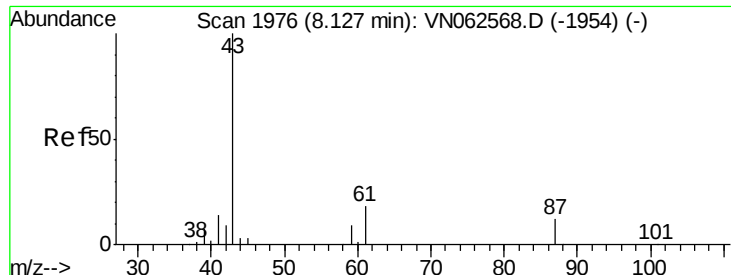
MMDadoda
7/23/2020 2:15:01 PM



#42
1,2-Dichloroethane
Concen: 19.606 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
62	100		
98	4.5	0.0	16.2





#43

Isopropyl Acetate

Concen: 18.949 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

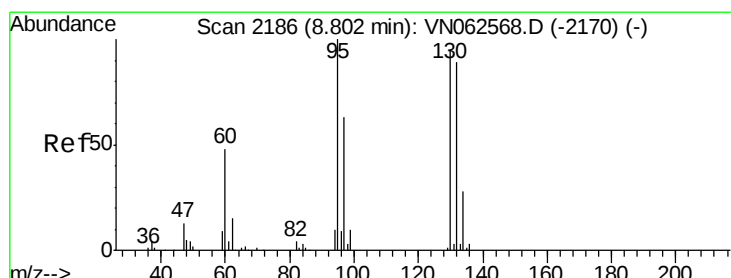
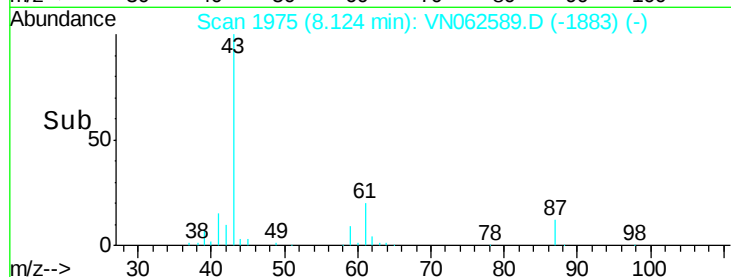
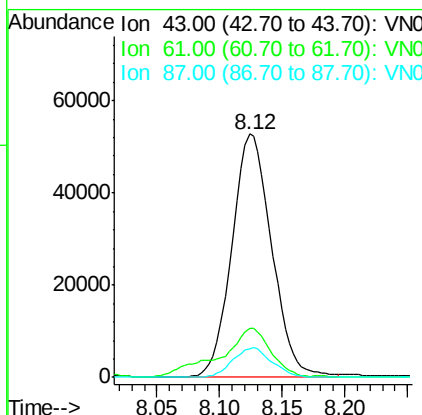
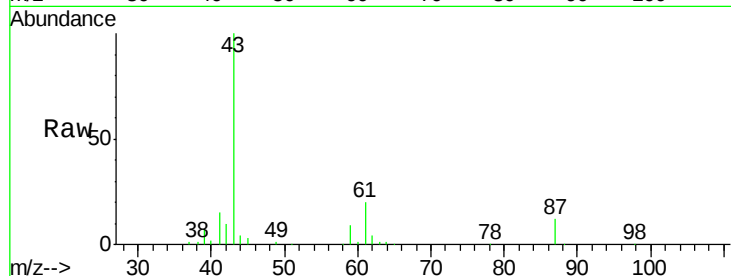
ClientSampleId :

VN0722WBSD01

Tot Ion:	43	Resp:	115442
Ion	Ratio	Lower	Upper
43	100		
61	26.1	20.8	31.2
87	12.0	9.2	13.8

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#44

Trichloroethene

Concen: 18.530 ug/l

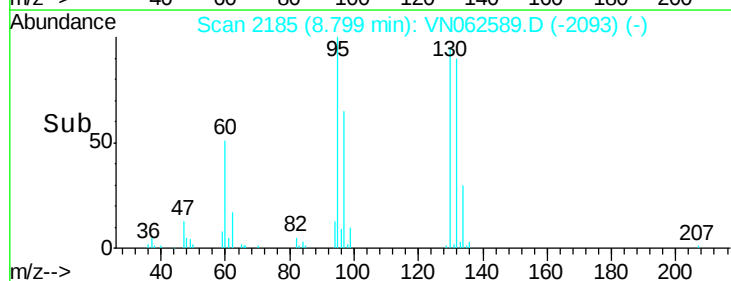
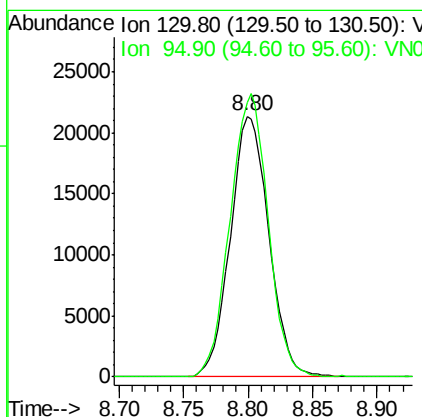
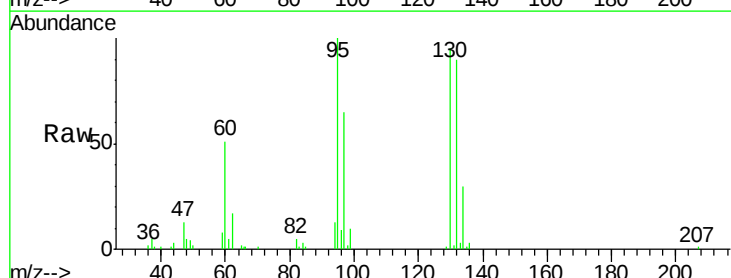
RT: 8.80 min Scan# 2185

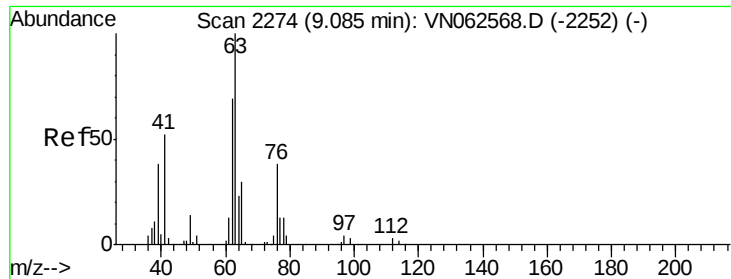
Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Tgt Ion:	130	Resp:	44352
Ion	Ratio	Lower	Upper
130	100		
95	105.4	0.0	210.4





#45

1,2-Dichloropropane

Concen: 18.898 ug/l

RT: 9.09 min Scan# 2274

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

Tot Ion: 63 Resp: 56315

Ion Ratio Lower Upper

63 100

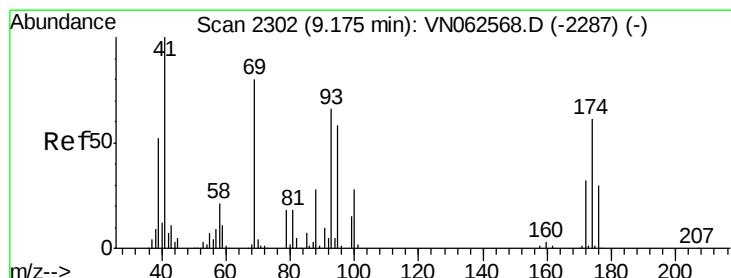
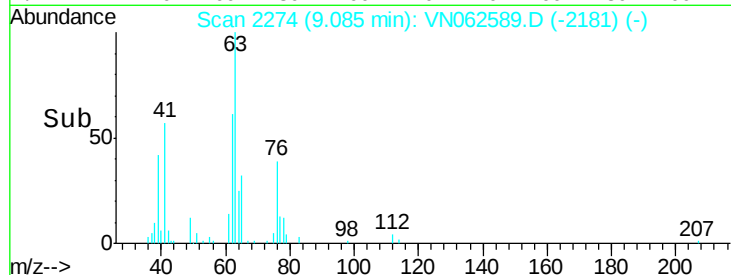
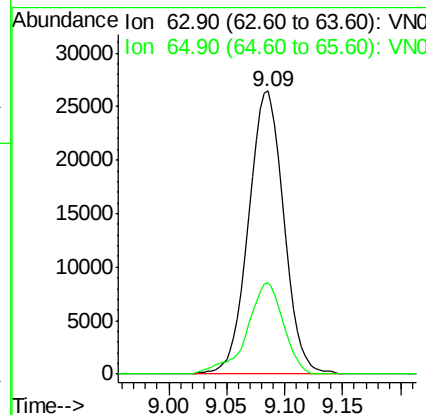
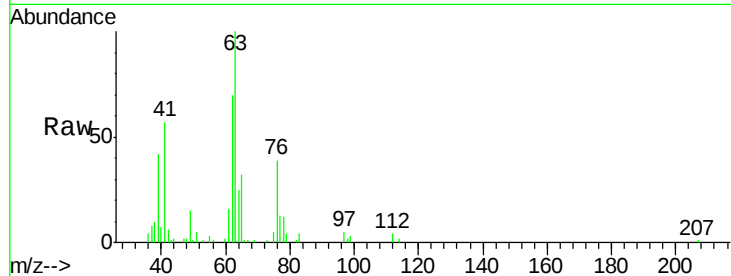
65 32.4 24.4 36.6

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#46

Dibromomethane

Concen: 19.156 ug/l

RT: 9.17 min Scan# 2301

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

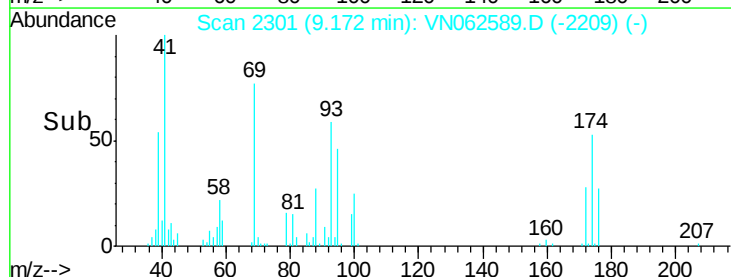
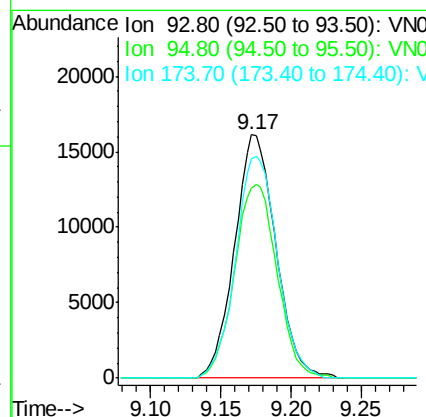
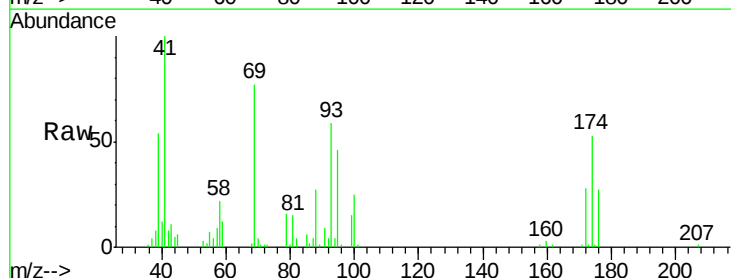
Tgt Ion: 93 Resp: 32993

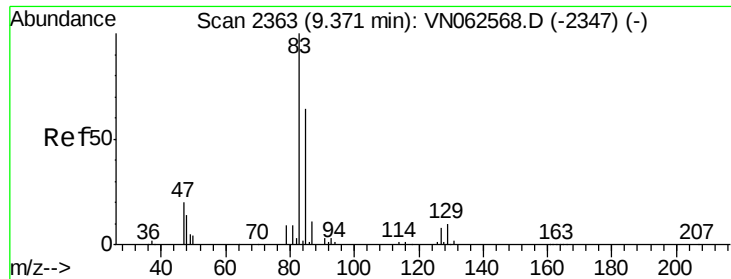
Ion Ratio Lower Upper

93 100

95 81.8 67.6 101.4

174 92.3 72.5 108.7





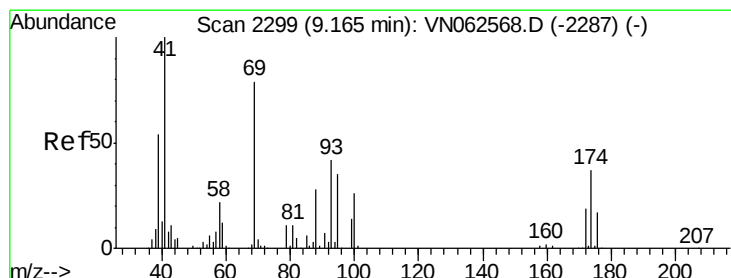
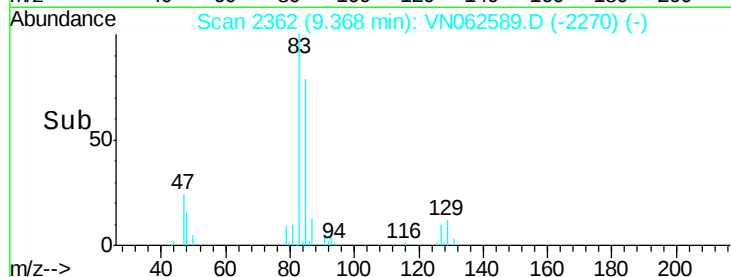
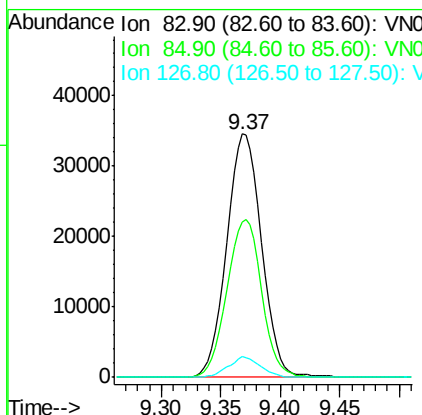
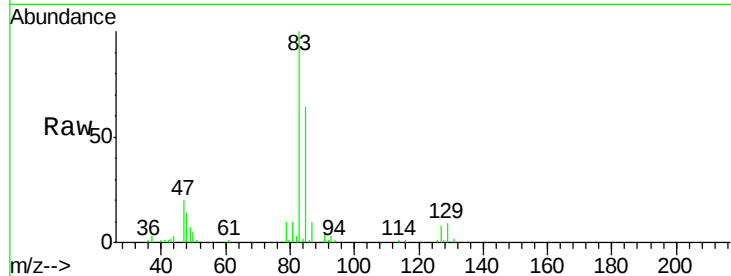
#47
Bromodichloromethane
Concen: 18.828 ug/l
RT: 9.37 min Scan# 2362
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.6	77.4
127	8.3	6.2	9.2

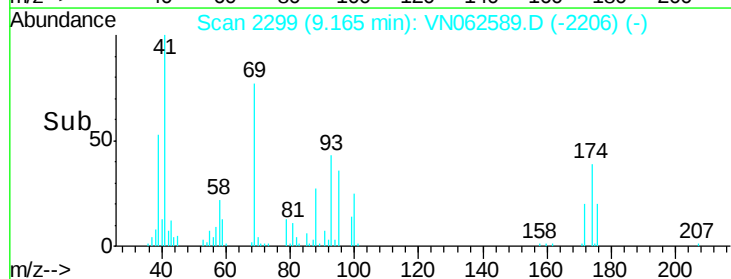
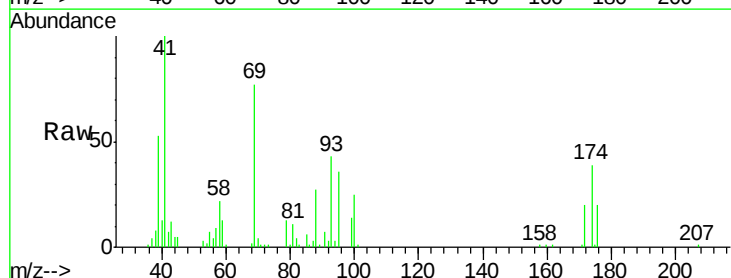
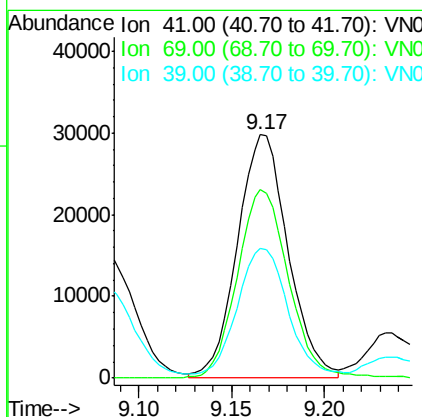
Manual Integrations
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7/23/2020 2:15:01 PM



#48
Methyl methacrylate
Concen: 19.633 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
41	100		
69	78.3	64.4	96.6
39	53.2	43.5	65.3





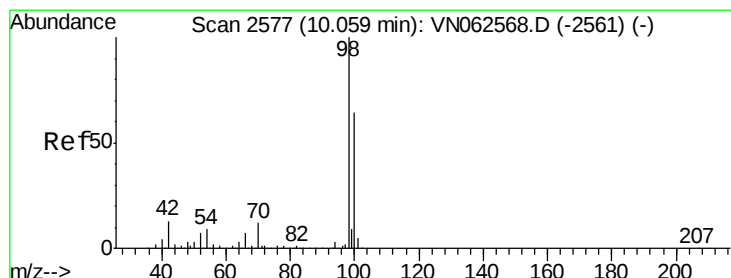
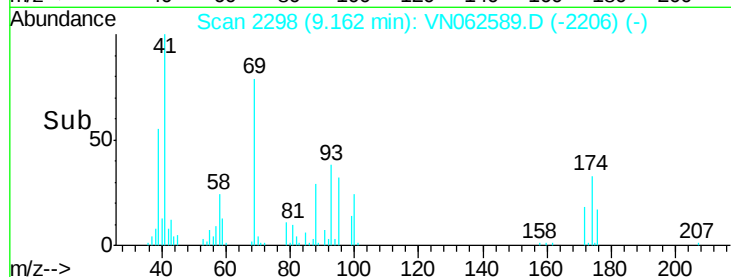
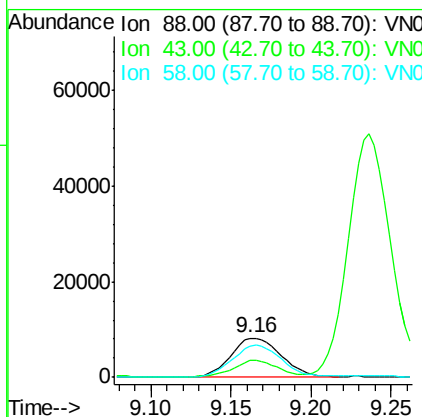
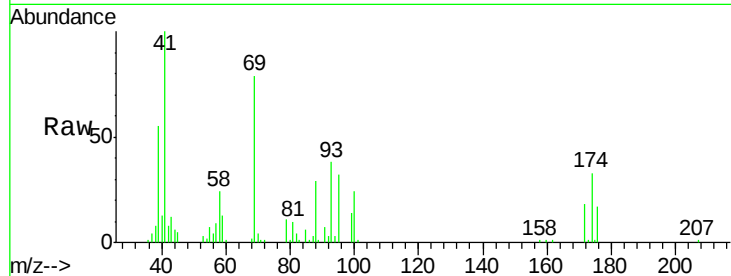
#49
1,4-Dioxane
Concen: 397.760 ug/l
RT: 9.16 min Scan# 2298
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.5	32.0	48.0
58	80.1	62.8	94.2

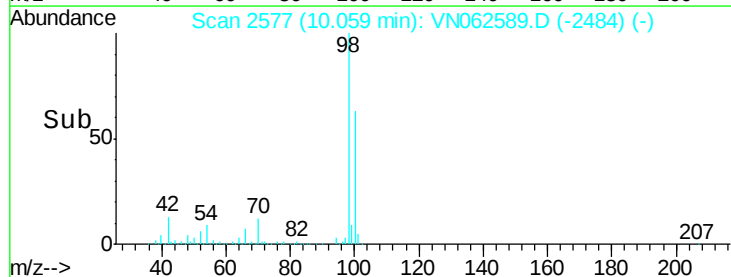
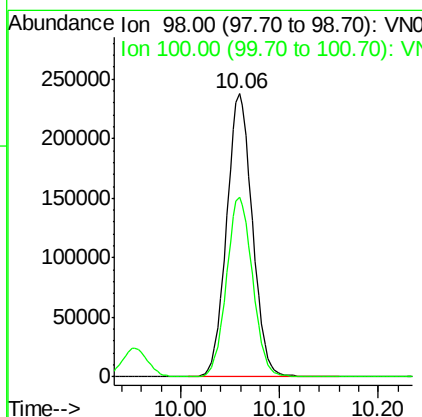
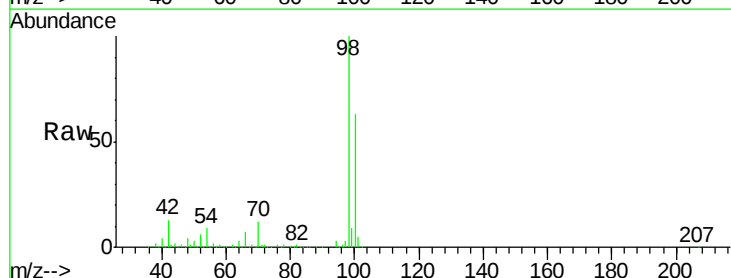
Manual Integrations
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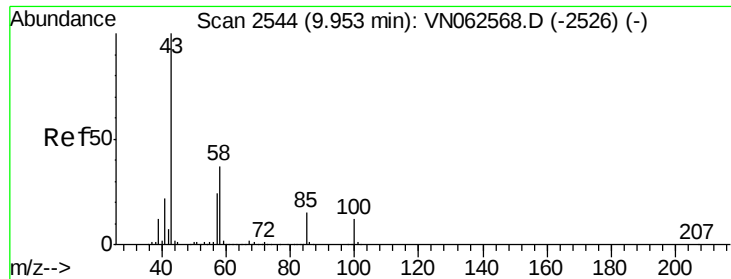
MMDadoda
7/23/2020 2:15:01 PM



#50
Toluene-d8
Concen: 50.460 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 98.909 ug/l

RT: 9.95 min Scan# 2544

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

Tot Ion: 43 Resp: 360540

Ion Ratio Lower Upper

43 100

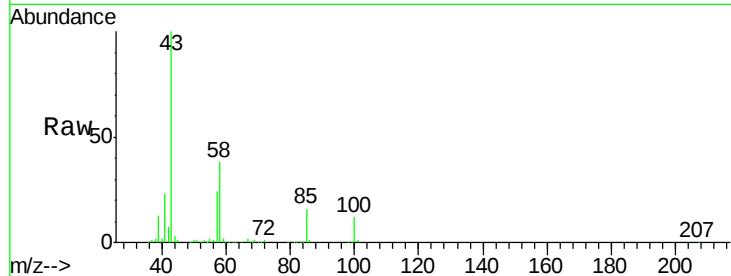
58 37.3 29.8 44.6

Manual Integrations

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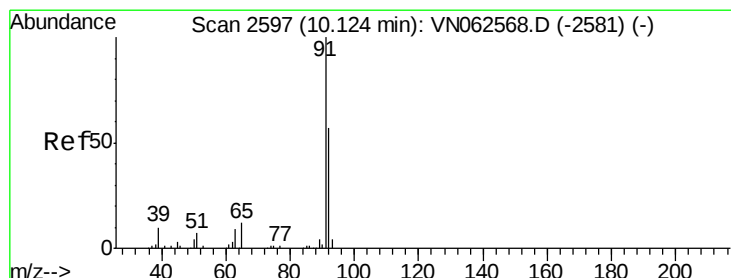
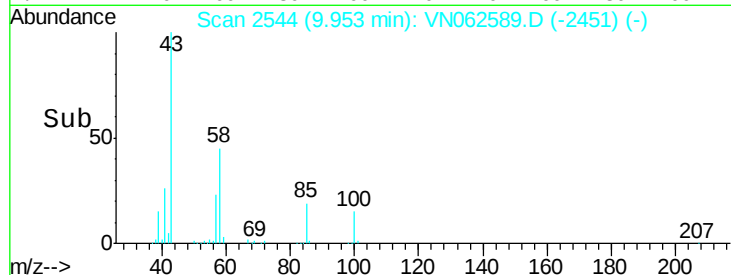
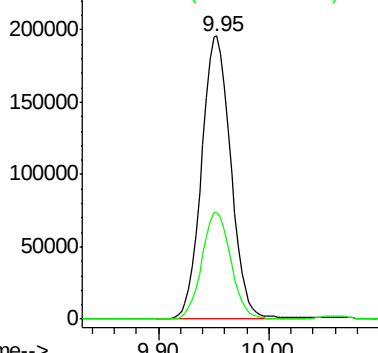
MMDadoda

7/23/2020 2:15:01 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 19.071 ug/l

RT: 10.12 min Scan# 2597

Delta R.T. -0.00 min

Lab File: VN062589.D

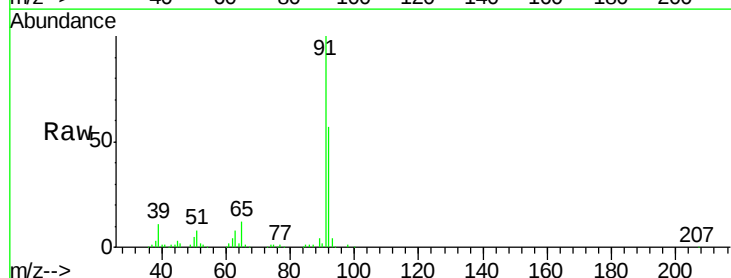
Acq: 22 Jul 2020 12:29

Tgt Ion: 92 Resp: 117534

Ion Ratio Lower Upper

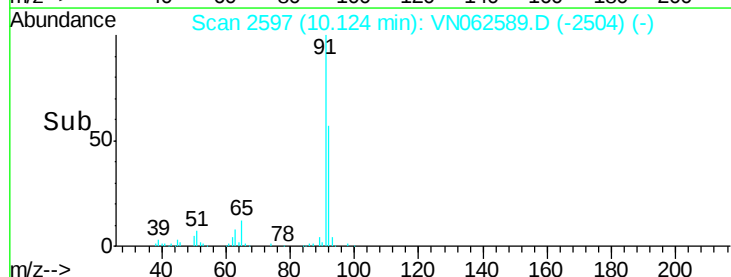
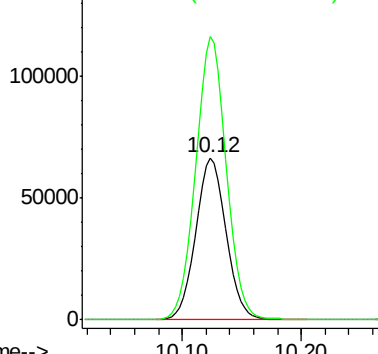
92 100

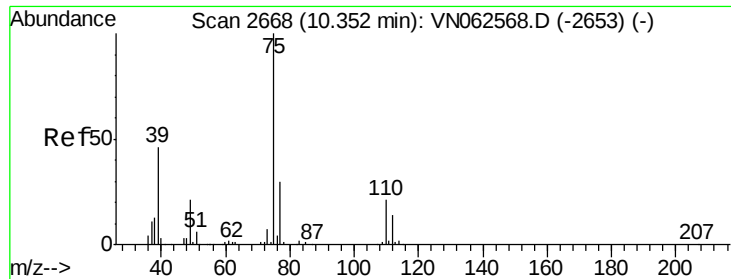
91 176.0 139.4 209.2



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





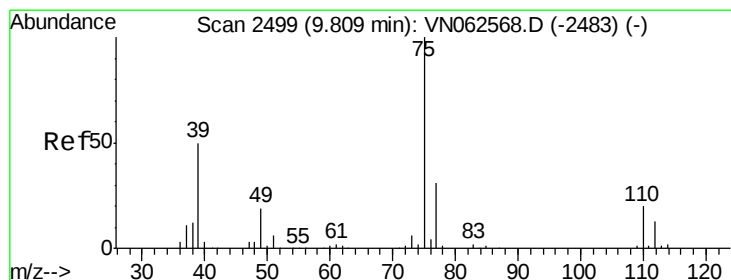
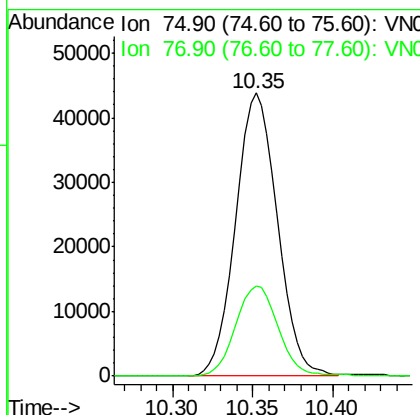
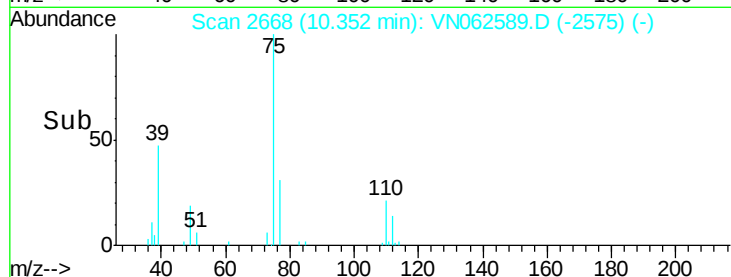
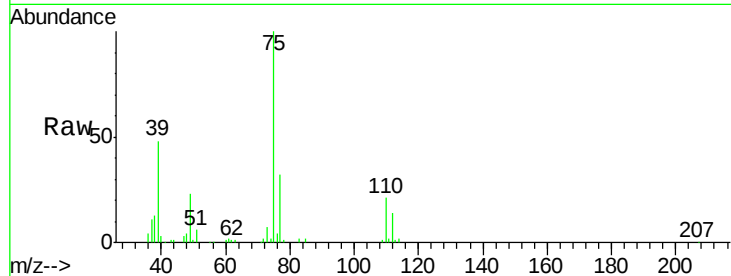
#53
t-1,3-Dichloropropene
Concen: 18.822 ug/l
RT: 10.35 min Scan# 2668
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion: 75 Resp: 78184
Ion Ratio Lower Upper
75 100
77 31.8 24.3 36.5

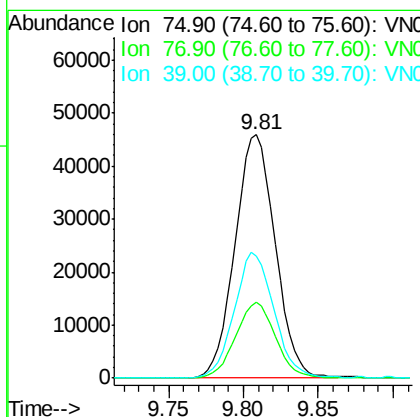
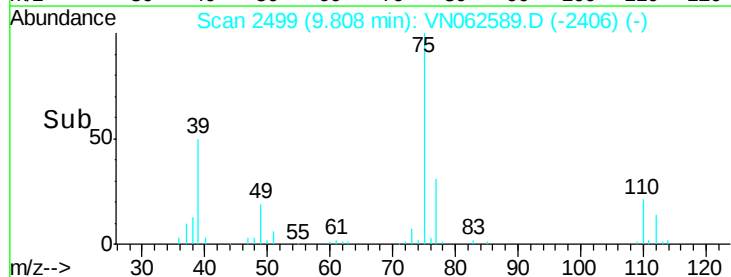
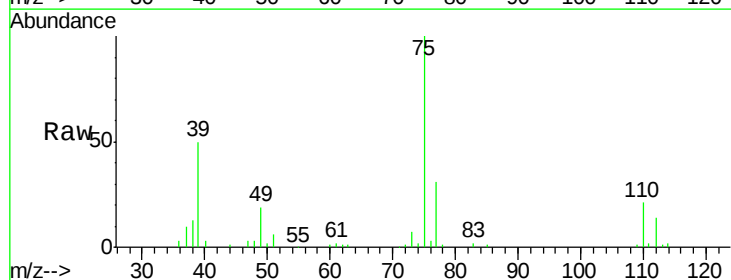
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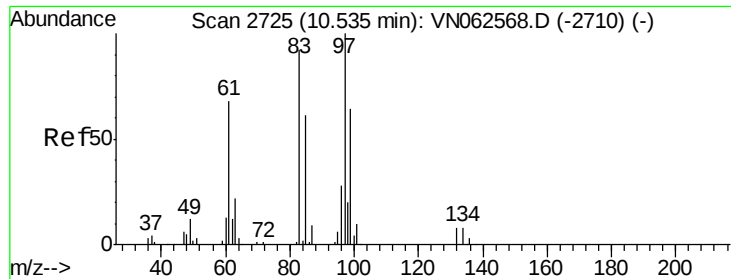
MMDadoda
7/23/2020 2:15:01 PM



#54
cis-1,3-Dichloropropene
Concen: 19.340 ug/l
RT: 9.81 min Scan# 2499
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion: 75 Resp: 86205
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.6
39 50.2 39.8 59.8





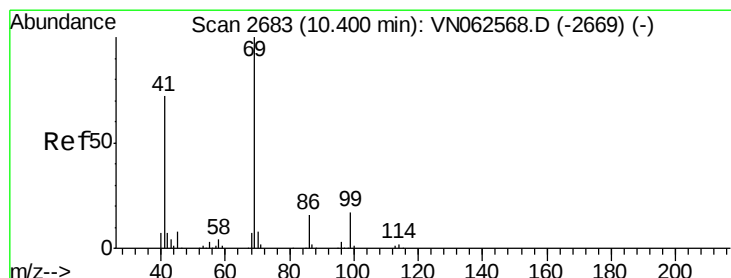
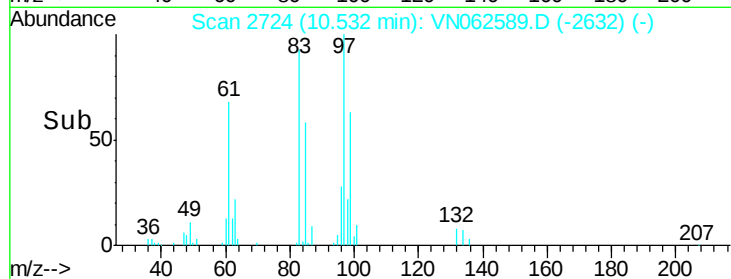
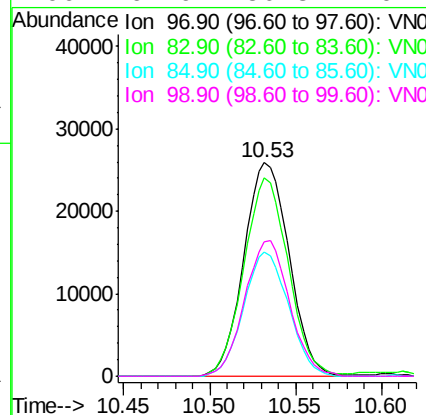
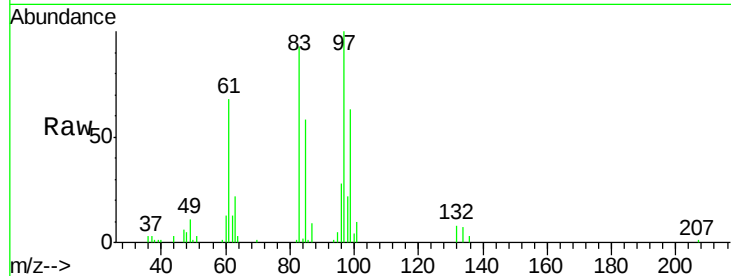
#55
 1,1,2-Trichloroethane
 Concen: 19.767 ug/l
 RT: 10.53 min Scan# 2724
 Delta R.T. -0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

Tot Ion:	97	Resp:	47254
Ion	Ratio	Lower	Upper
97	100		
83	92.9	73.7	110.5
85	58.2	48.5	72.7
99	62.9	50.8	76.2

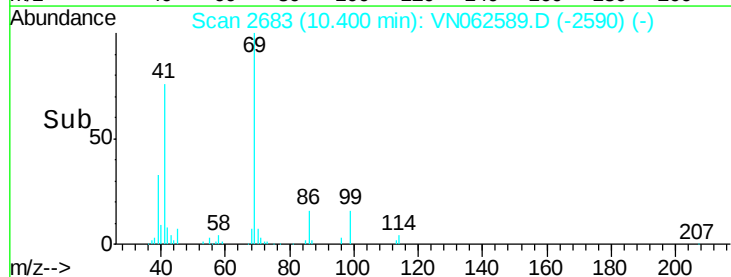
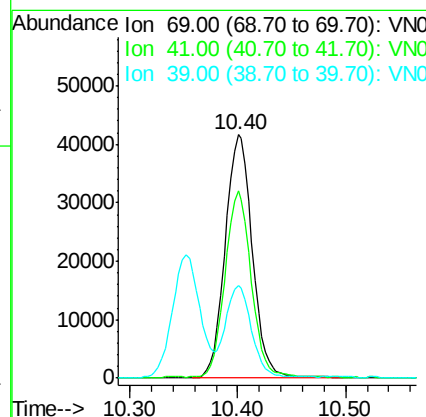
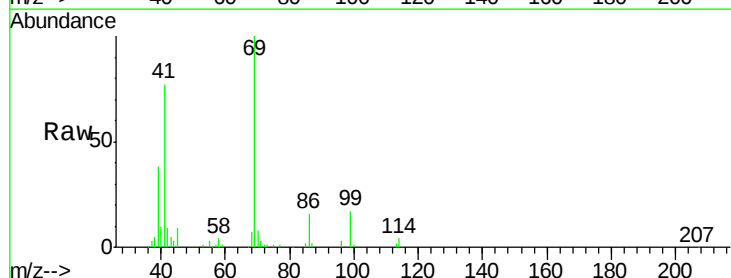
Manual Integrations
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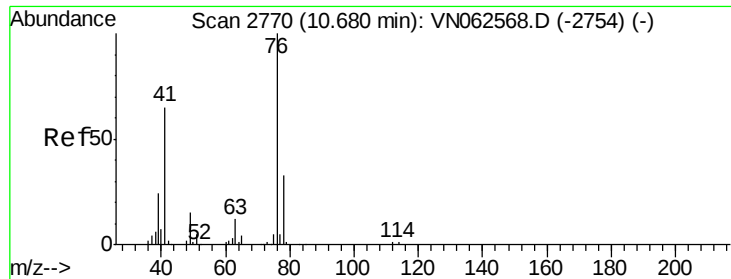
MMDadoda
 7/23/2020 2:15:01 PM



#56
 Ethyl methacrylate
 Concen: 18.167 ug/l
 RT: 10.40 min Scan# 2683
 Delta R.T. 0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Tgt Ion:	69	Resp:	72969
Ion	Ratio	Lower	Upper
69	100		
41	73.6	57.2	85.8
39	35.8	28.6	43.0





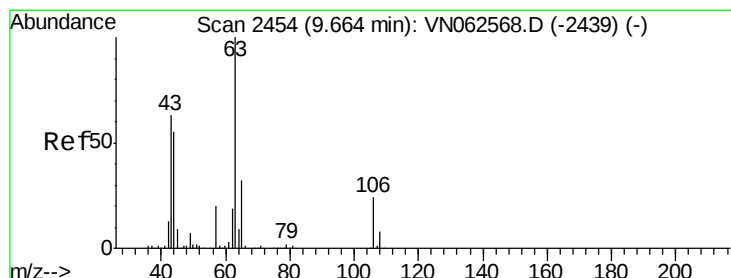
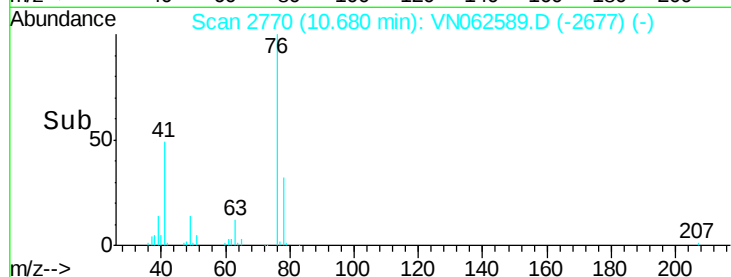
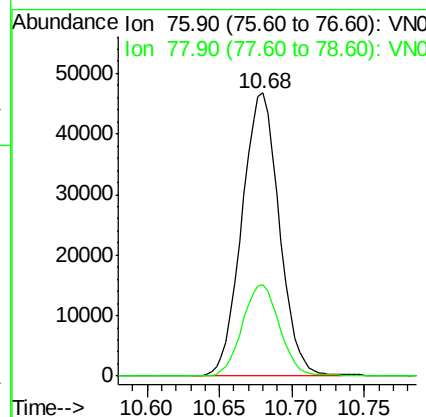
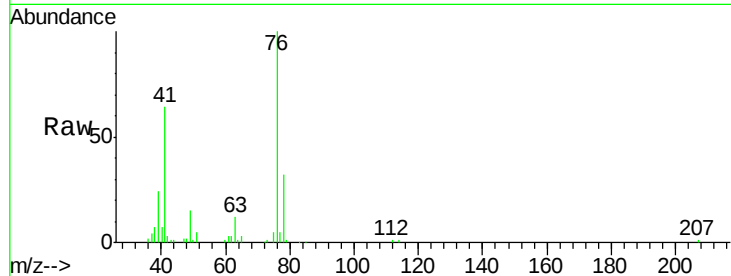
#57
 1,3-Dichloropropane
 Concen: 19.230 ug/l
 RT: 10.68 min Scan# 2770
 Delta R.T. -0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

Tot Ion: 76 Resp: 84218
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.3 39.5

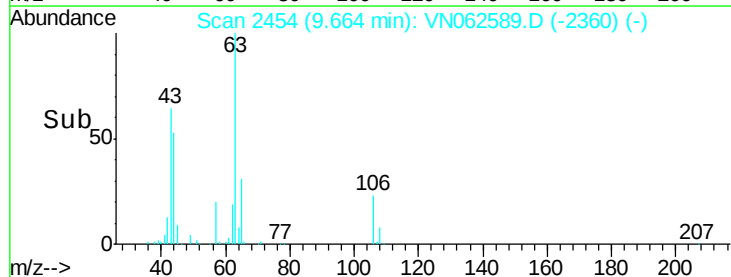
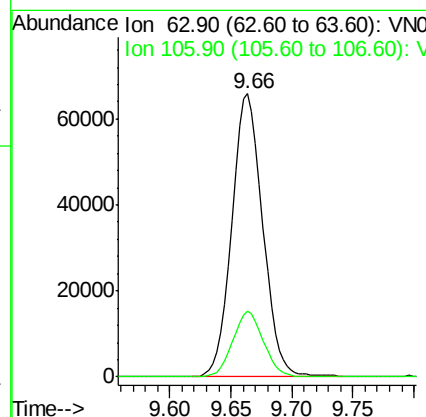
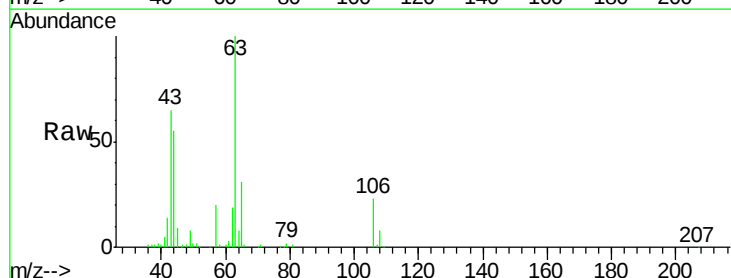
Manual Integrations
 APPROVED

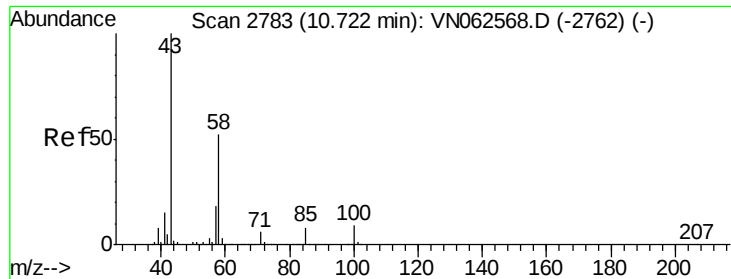
MMDadoda
 7/23/2020 2:15:01 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 100.831 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Tgt Ion: 63 Resp: 116637
 Ion Ratio Lower Upper
 63 100
 106 22.9 18.9 28.3





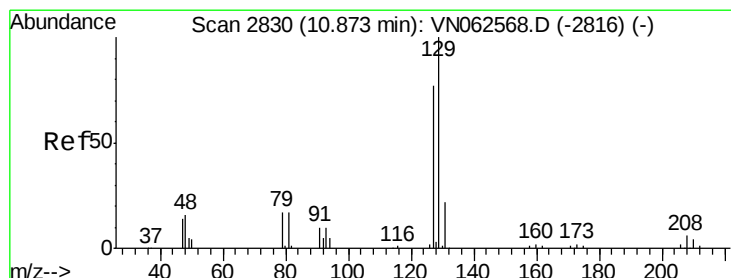
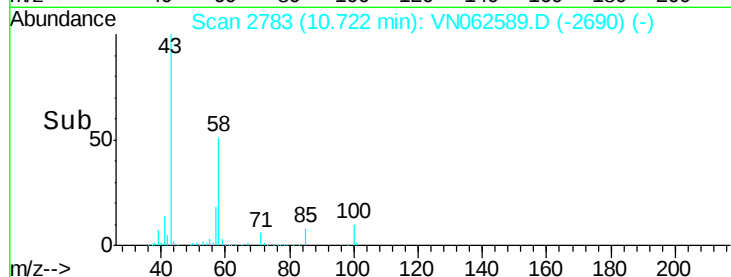
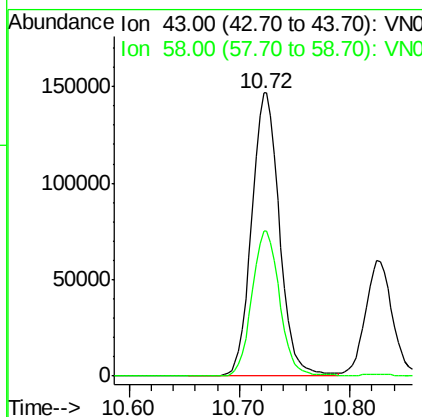
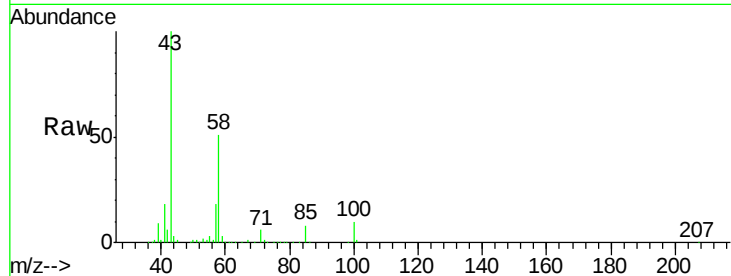
#59
2-Hexanone
Concen: 92.868 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. 0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion: 43 Resp: 256494
Ion Ratio Lower Upper
43 100
58 51.2 26.0 78.0

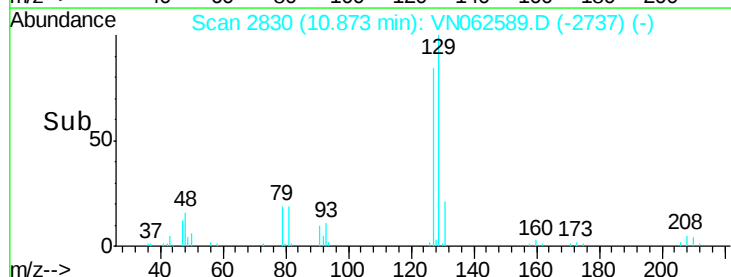
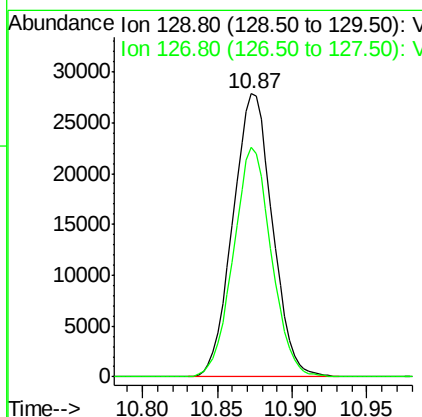
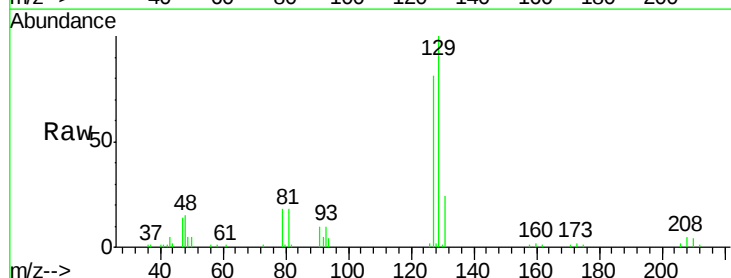
Manual Integrations
APPROVED

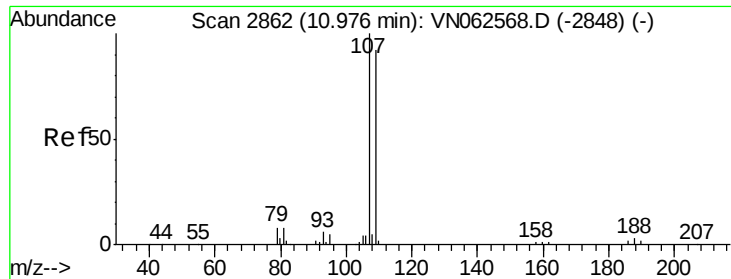
MMDadoda
7/23/2020 2:15:01 PM



#60
Dibromochloromethane
Concen: 19.235 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion: 129 Resp: 51297
Ion Ratio Lower Upper
129 100
127 77.8 38.0 113.9





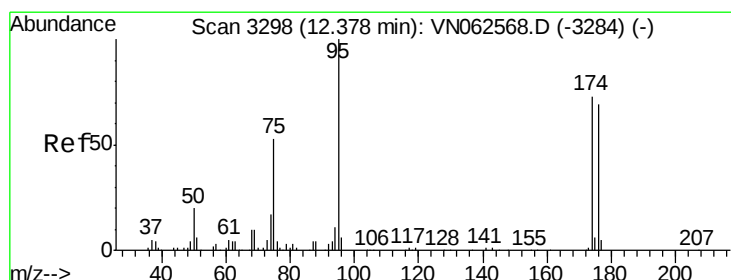
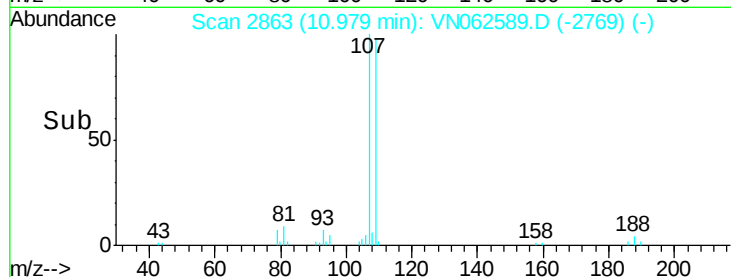
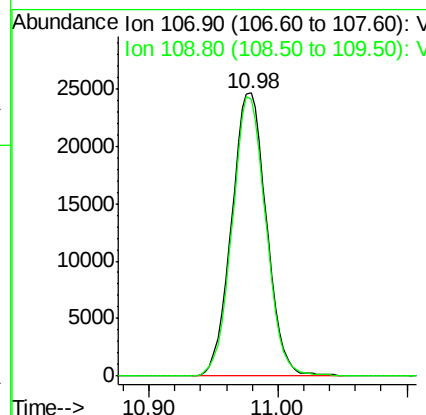
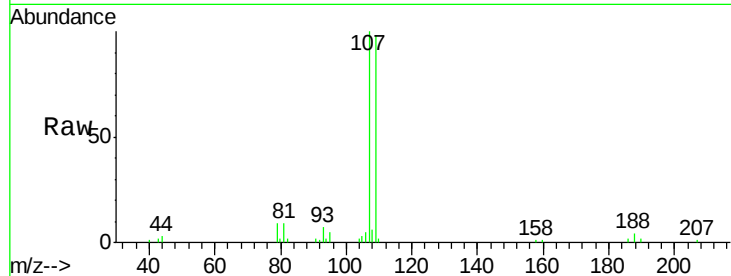
#61
 1,2-Dibromoethane
 Concen: 18.535 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

Tot Ion: 107 Resp: 46138
 Ion Ratio Lower Upper
 107 100
 109 95.3 73.8 110.6

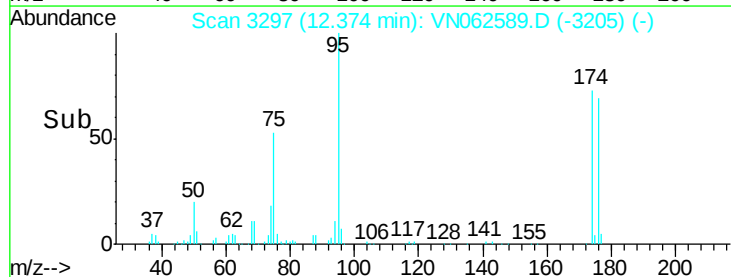
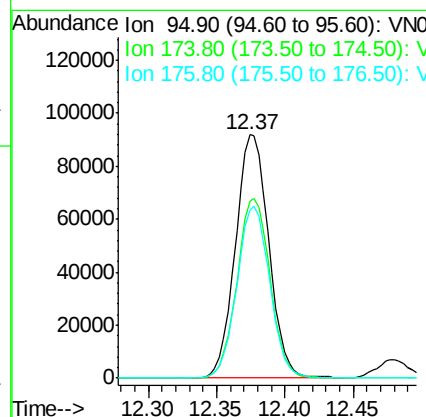
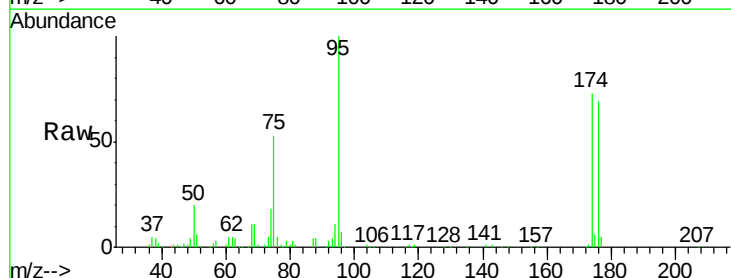
Manual Integrations
 APPROVED

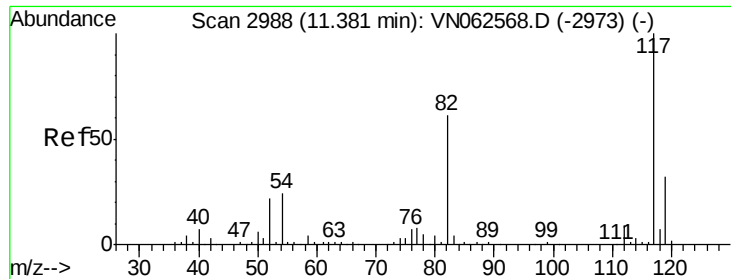
MMDadoda
 7/23/2020 2:15:01 PM



#62
 4-Bromofluorobenzene
 Concen: 49.459 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Tgt Ion: 95 Resp: 155889
 Ion Ratio Lower Upper
 95 100
 174 73.6 0.0 144.6
 176 69.6 0.0 139.4





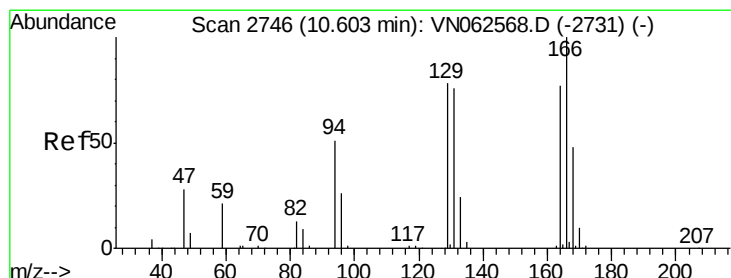
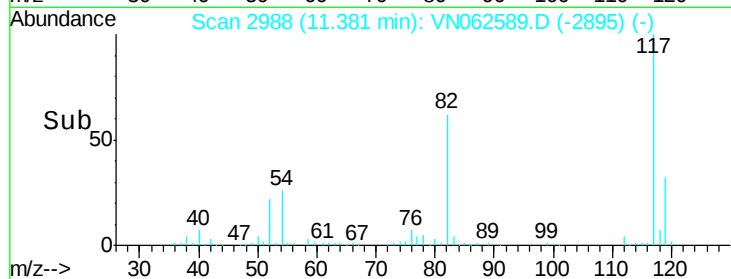
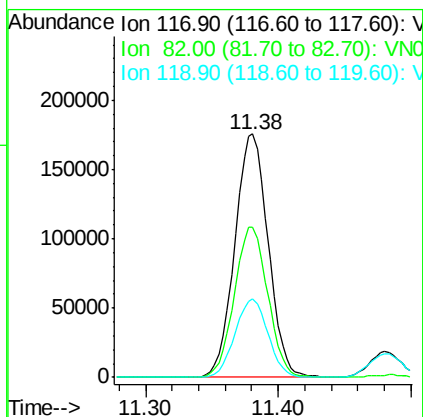
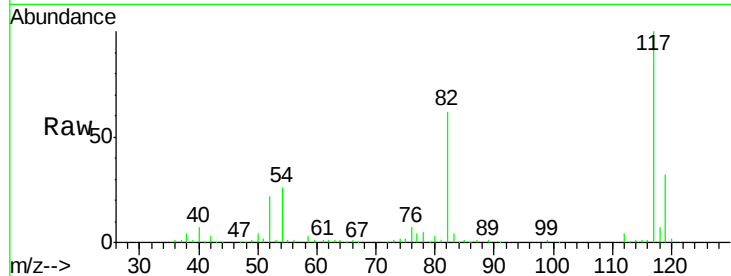
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.9	49.0	73.6
119	32.1	25.4	38.2

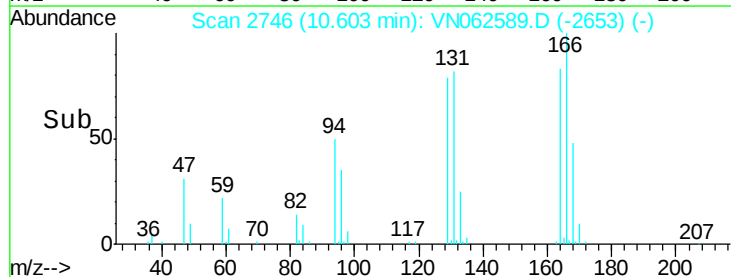
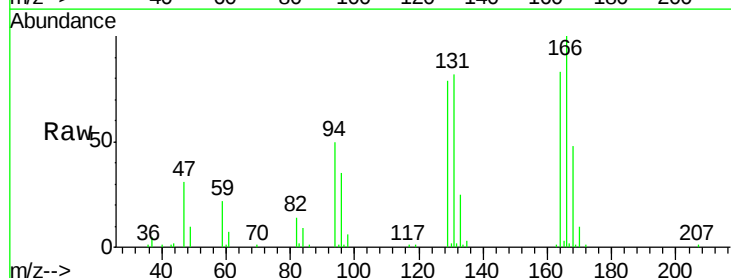
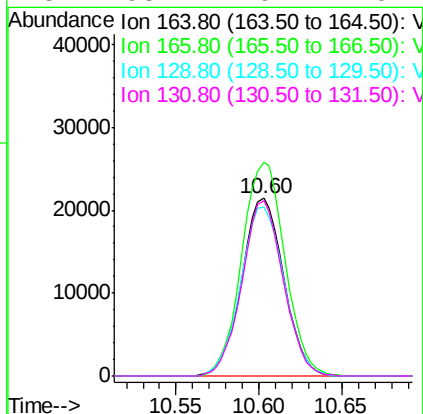
Manual Integrations
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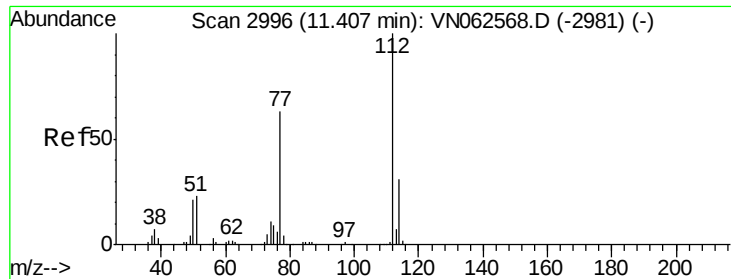
MMDadoda
7/23/2020 2:15:01 PM



#64
Tetrachloroethene
Concen: 18.983 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
164	100		
166	120.4	104.4	156.6
129	95.1	81.0	121.4
131	98.7	79.4	119.2





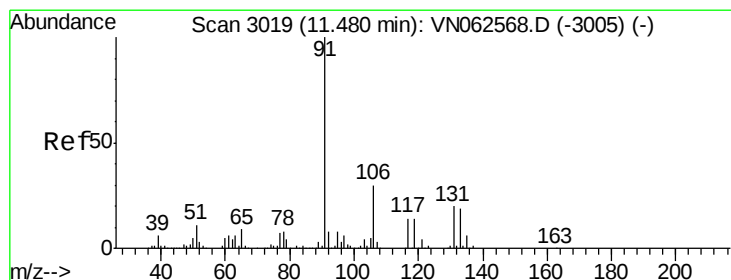
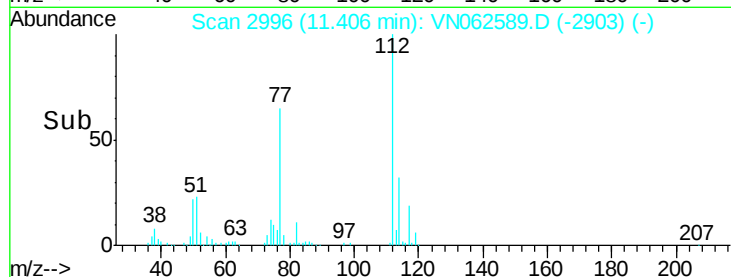
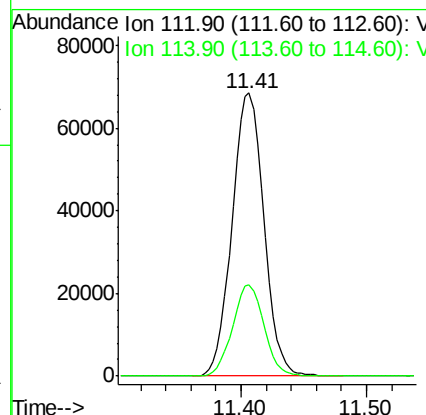
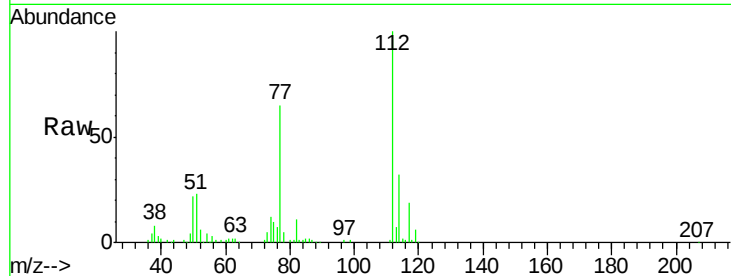
#65
Chlorobenzene
Concen: 18.739 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion:112 Resp: 120770
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7

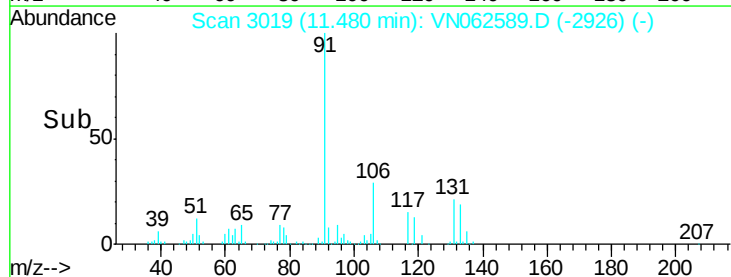
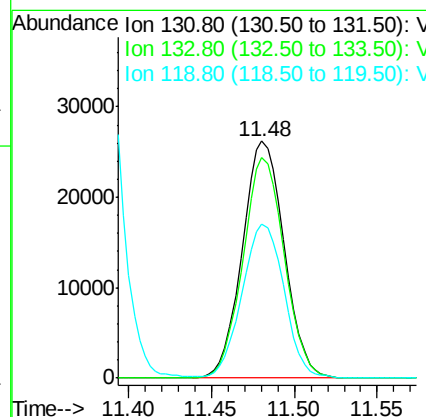
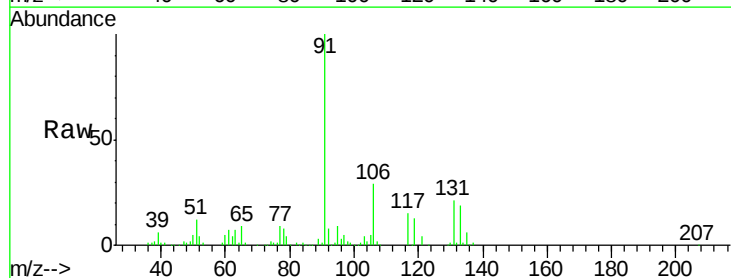
Manual Integrations
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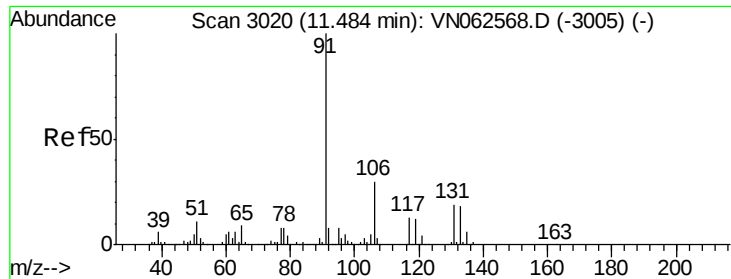
MMDadoda
7/23/2020 2:15:01 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.025 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion:131 Resp: 46127
Ion Ratio Lower Upper
131 100
133 92.1 47.3 142.0
119 65.4 33.7 101.0





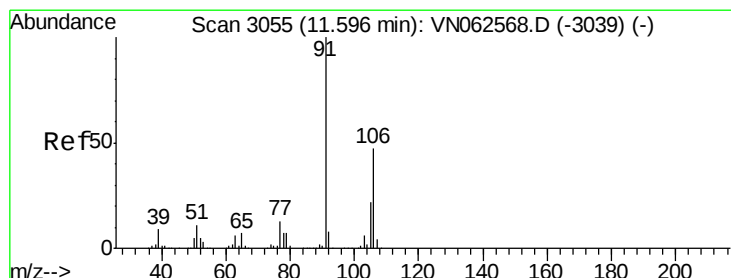
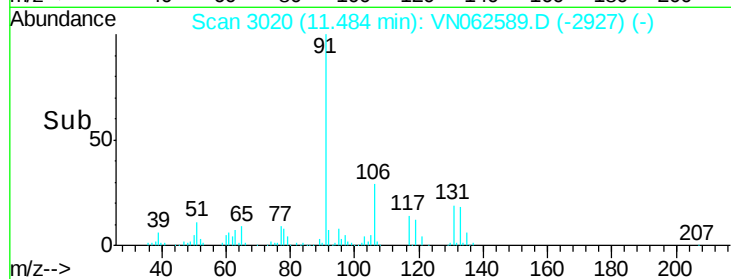
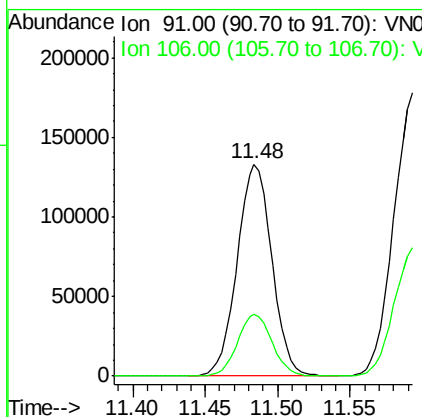
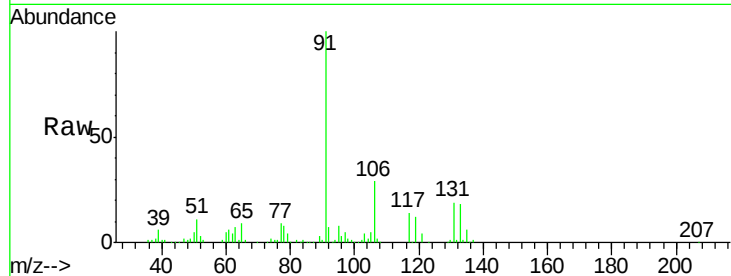
#67
Ethyl Benzene
Concen: 18.730 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		221334		
106	29.3		23.8	35.8	

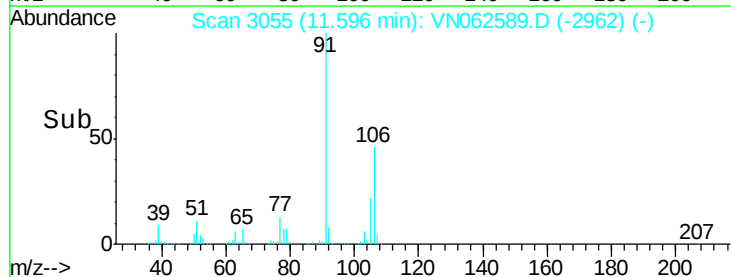
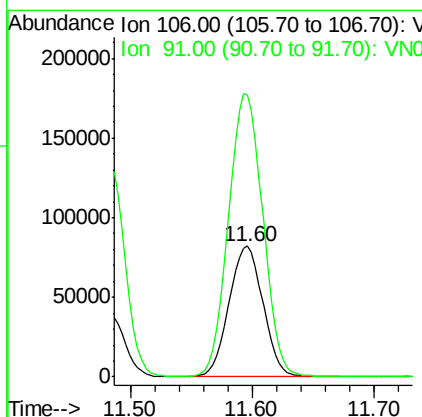
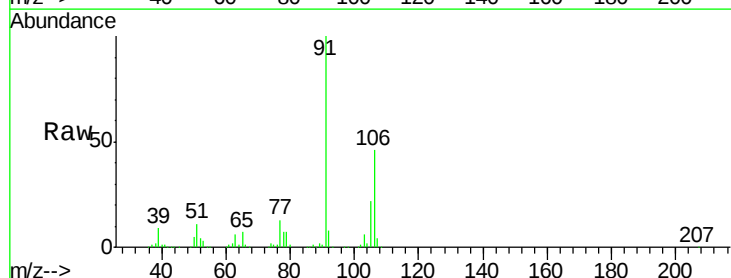
Manual Integrations
APPROVED

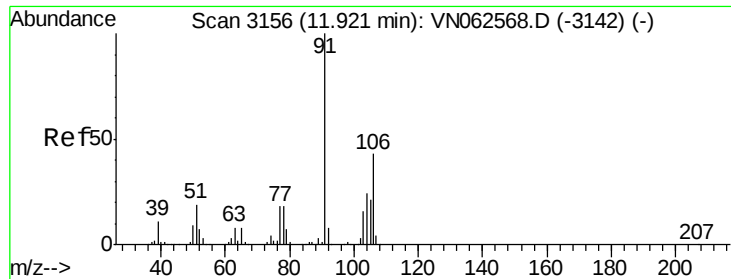
MMDadoda
7/23/2020 2:15:01 PM



#68
m/p-Xylenes
Concen: 37.448 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
106	100		159056		
91	218.9		171.4	257.2	





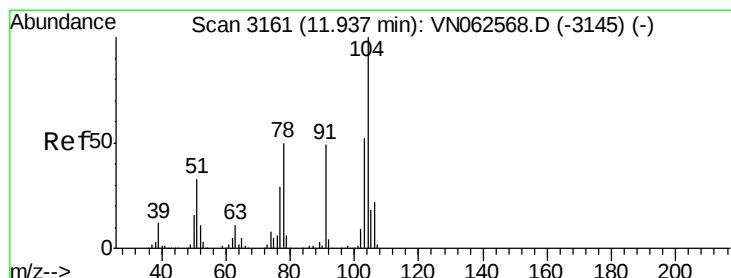
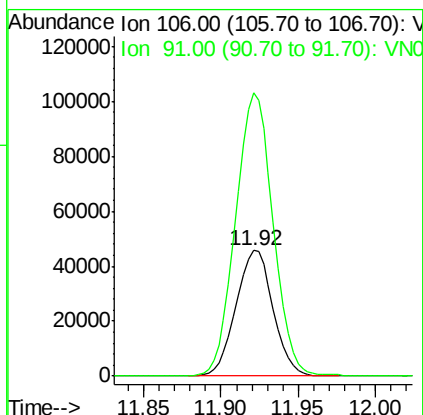
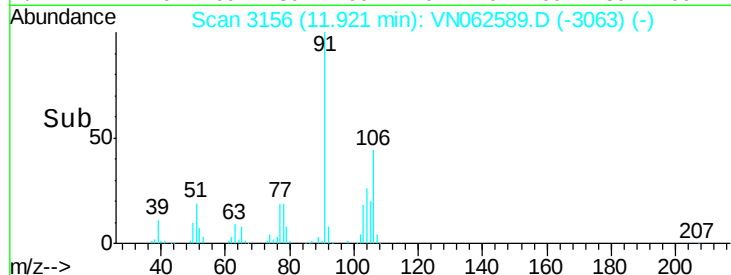
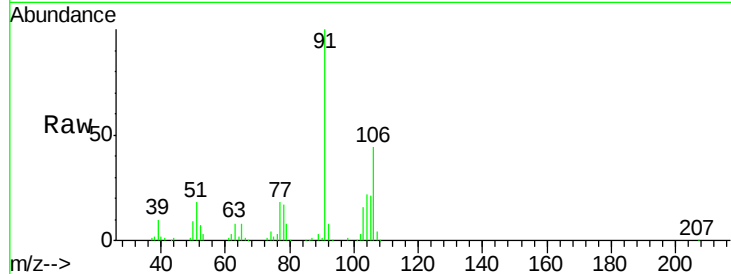
#69
o-Xylene
Concen: 18.951 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		76434		
91	227.1	113.8	341.2		

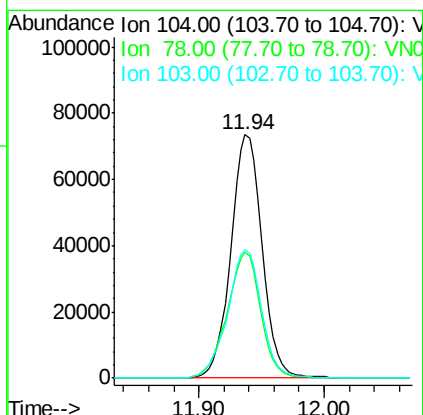
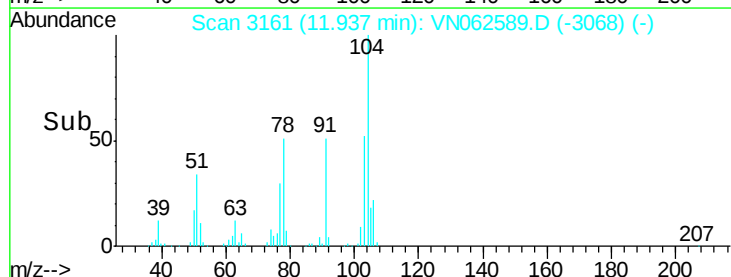
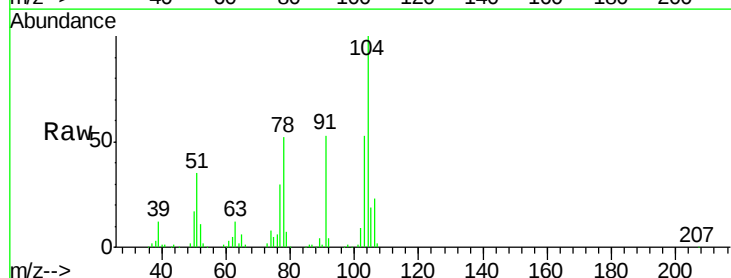
Manual Integrations
APPROVED

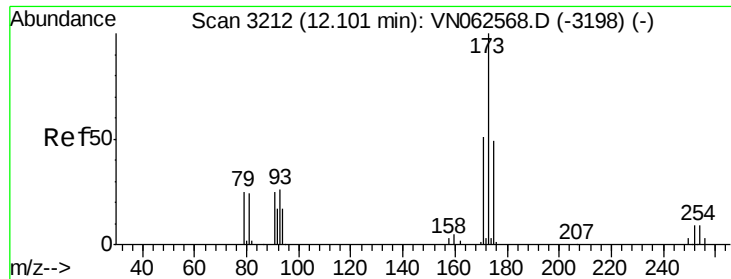
MMDadoda
7/23/2020 2:15:01 PM



#70
Styrene
Concen: 18.680 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		127271		
78	55.5	43.8	65.6		
103	56.9	44.0	66.0		





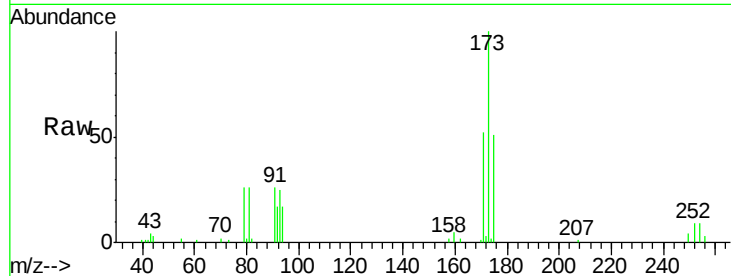
#71
Bromoform
Concen: 18.891 ug/l
RT: 12.10 min Scan# 3212
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.1	24.1	72.2
254	0.0	0.0	0.0

Manual Integrations
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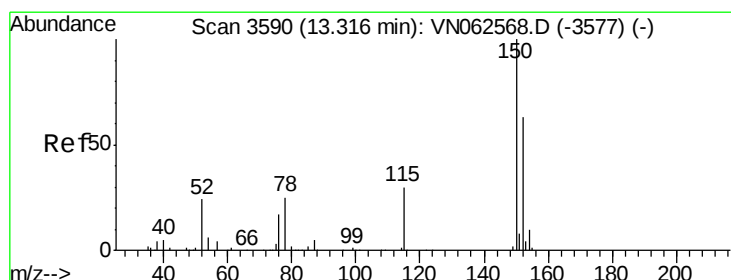
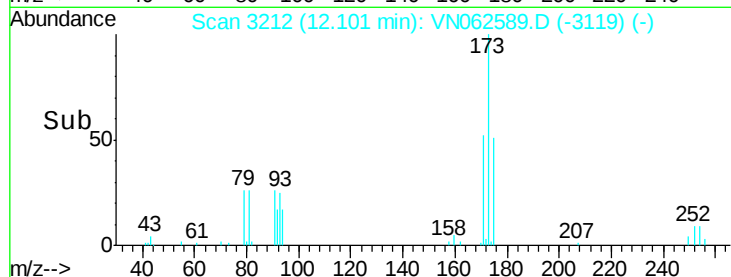
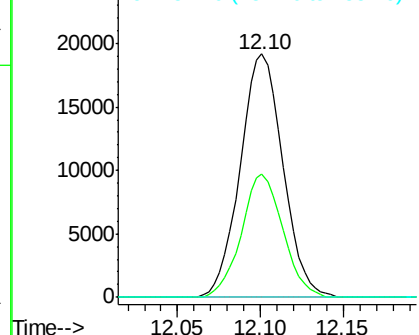


Abundance

Ion 172.70 (172.40 to 173.40): V

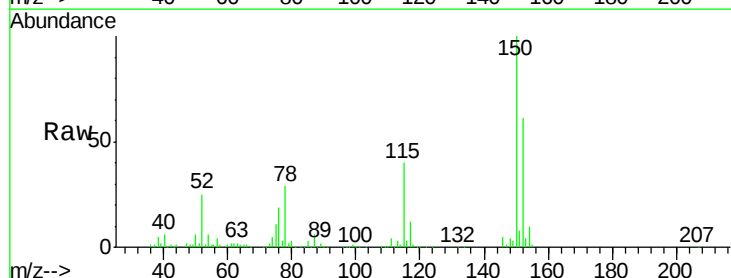
Ion 174.70 (174.40 to 175.40): V

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: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
152	100		
115	62.3	31.8	95.4
150	163.5	0.0	351.4

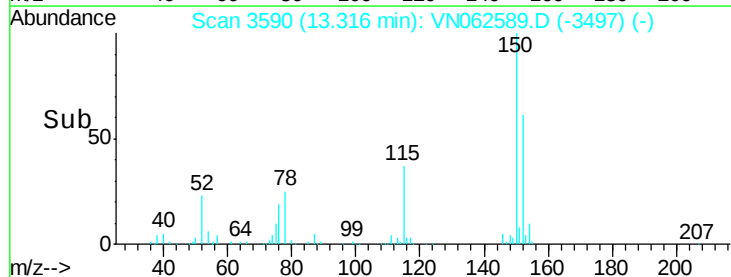
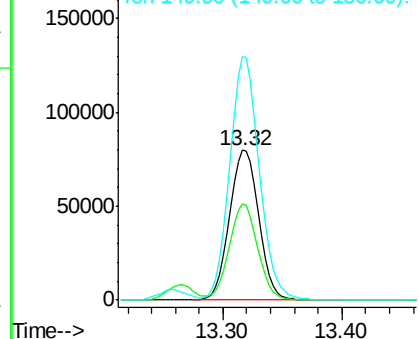


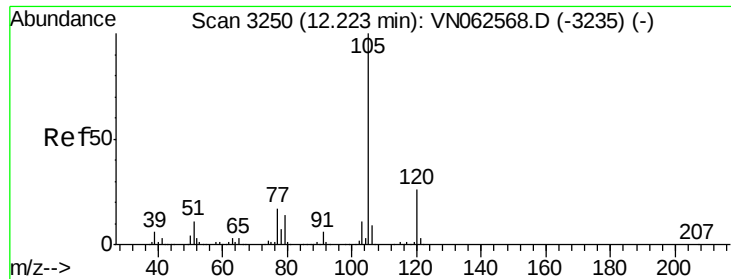
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.238 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

Tot Ion: 105 Resp: 207247

Ion Ratio Lower Upper

105 100

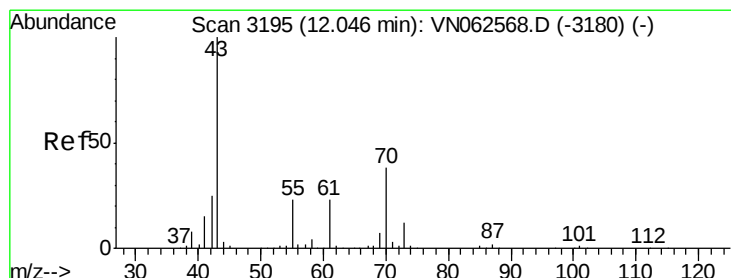
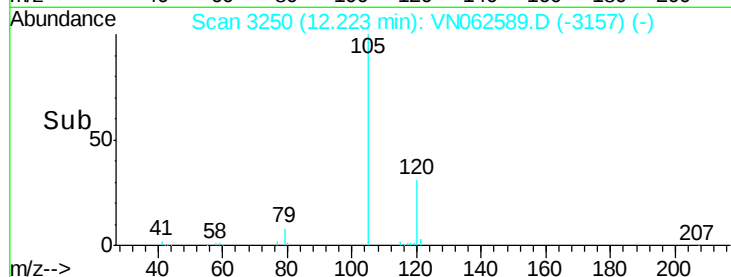
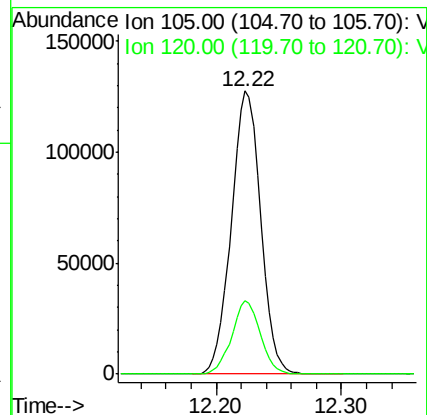
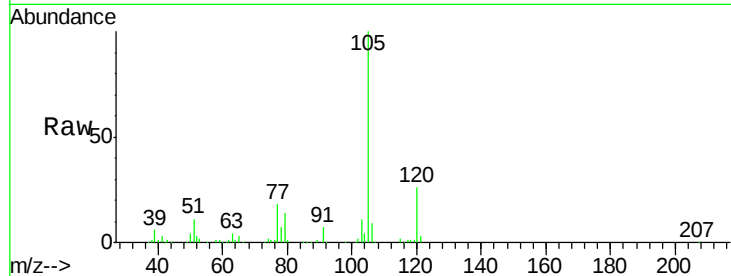
120 25.2 12.8 38.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.965 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Tgt Ion: 43 Resp: 96052

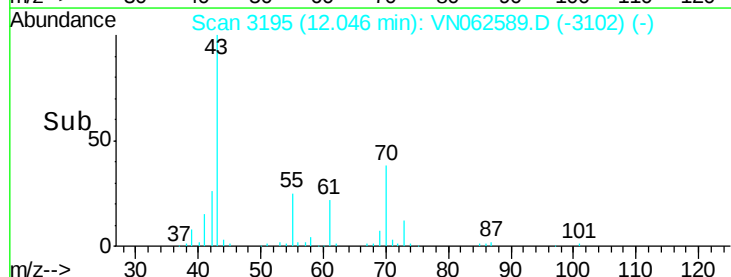
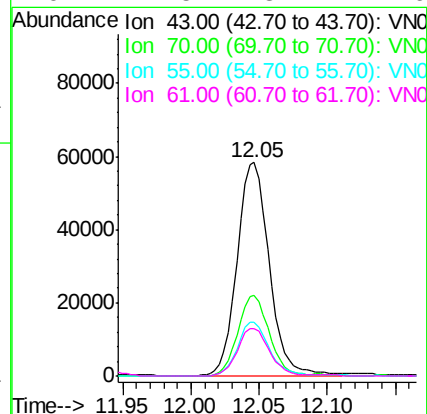
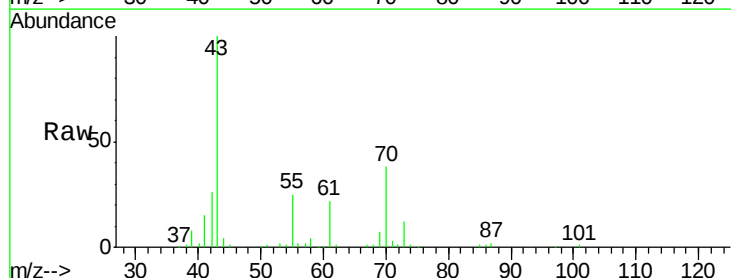
Ion Ratio Lower Upper

43 100

70 36.6 30.5 45.7

55 25.3 19.0 28.6

61 22.5 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 18.831 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

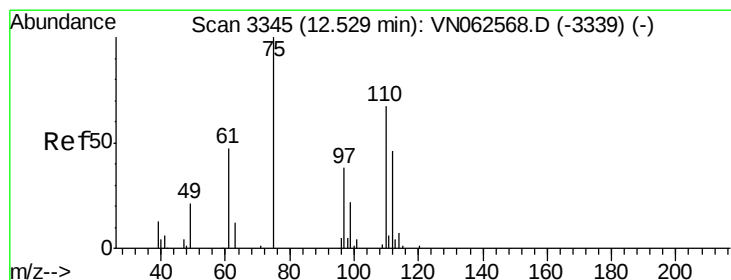
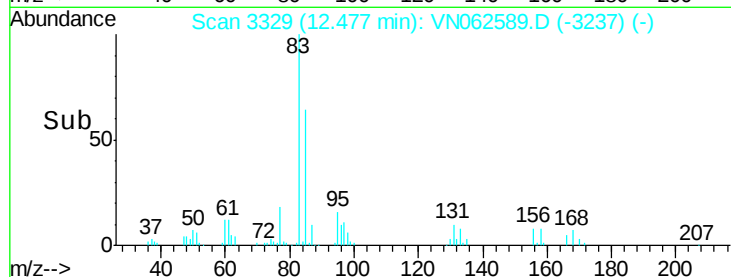
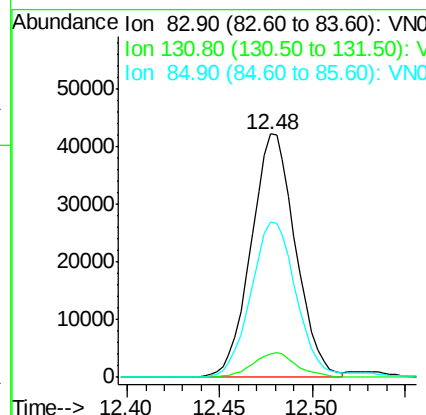
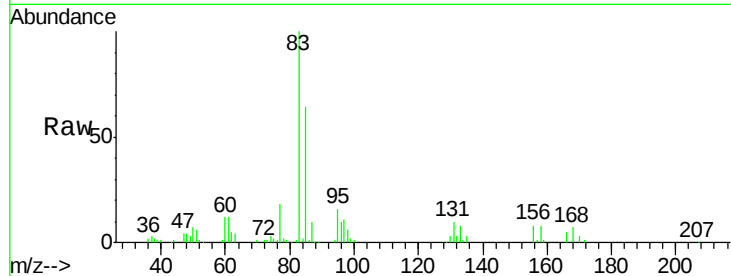
ClientSampleId :

VN0722WBSD01

Tot Ion:	83	Resp:	70496
Ion Ratio	Lower	Upper	
83	100		
131	9.9	4.8	14.3
85	65.0	31.8	95.4

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#76

1,2,3-Trichloropropane

Concen: 17.948 ug/l m

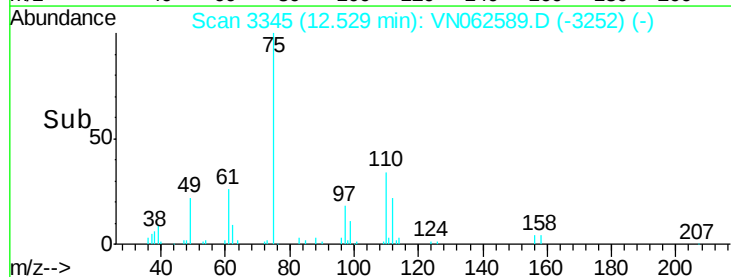
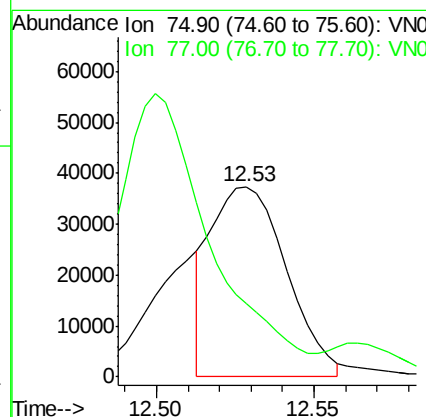
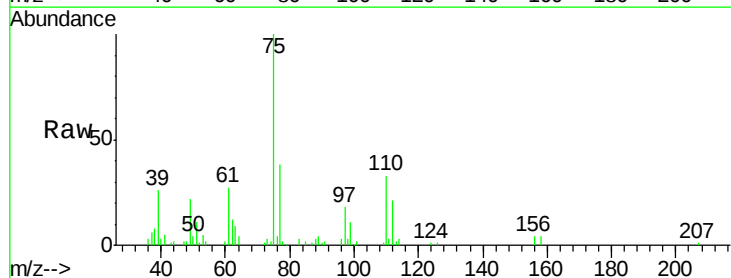
RT: 12.53 min Scan# 3345

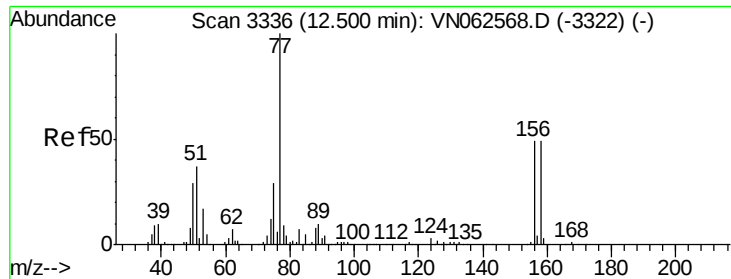
Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Tgt Ion:	75	Resp:	62239
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





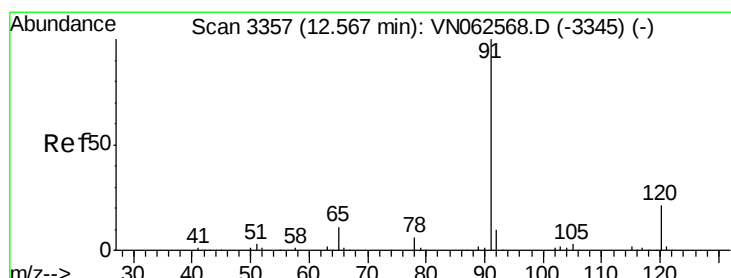
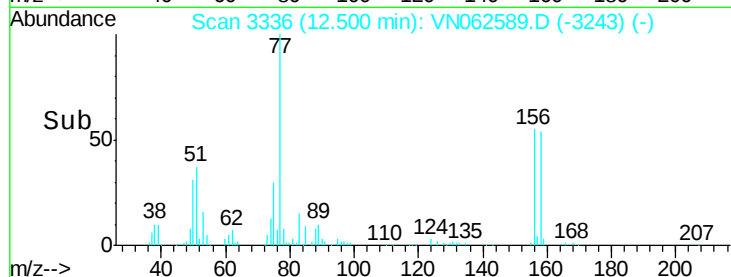
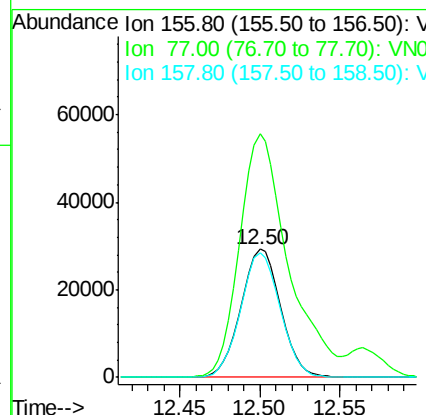
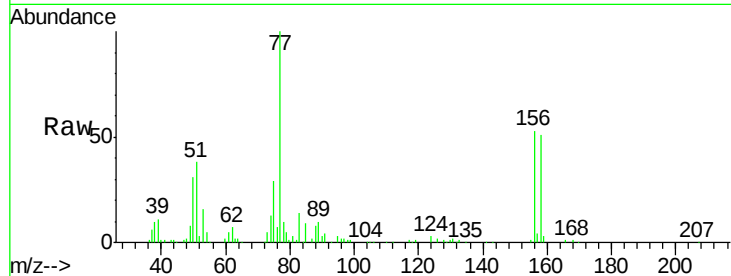
#77
Bromobenzene
Concen: 19.099 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
156	100			
77	235.4	122.8	368.3	
158	97.0	49.4	148.0	

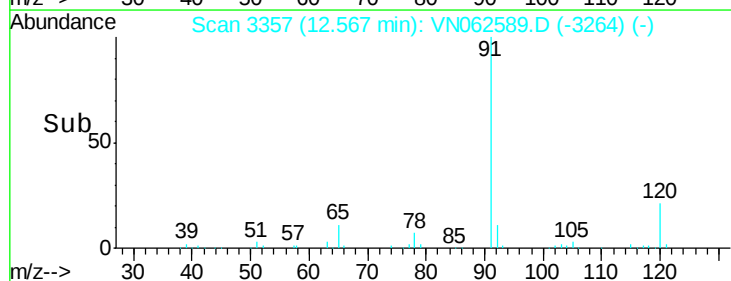
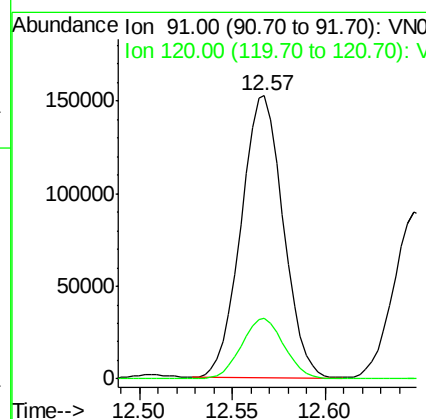
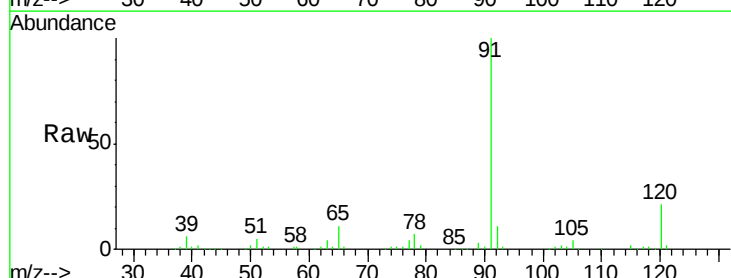
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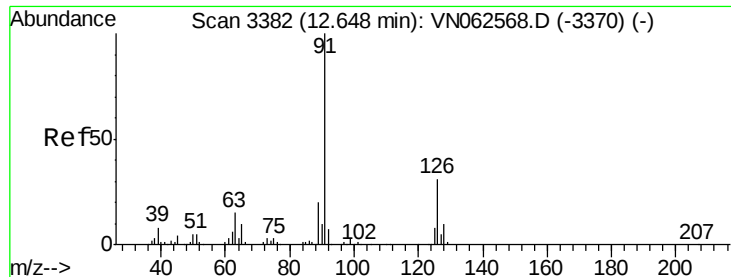
MMDadoda
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#78
n-propylbenzene
Concen: 19.043 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
120	21.7	10.9	32.6	





#79

2-Chlorotoluene

Concen: 19.117 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

Tot Ion: 91 Resp: 148665

Ion Ratio Lower Upper

91 100

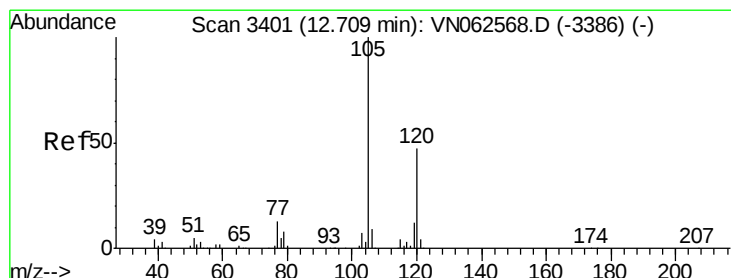
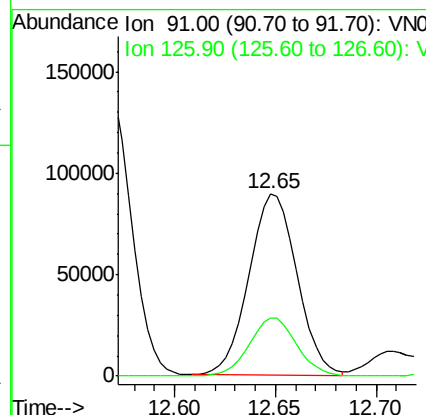
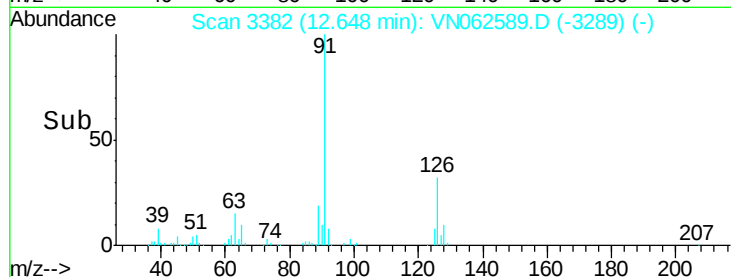
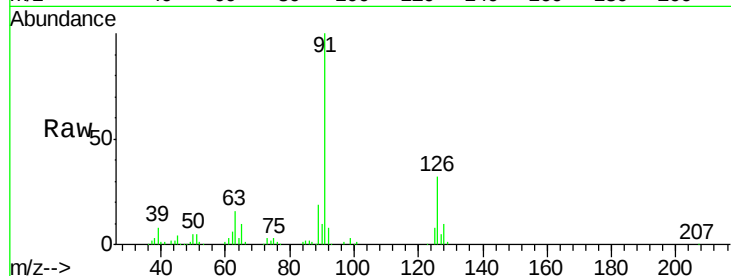
126 31.6 15.9 47.6

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 19.578 ug/l

RT: 12.71 min Scan# 3401

Delta R.T. -0.00 min

Lab File: VN062589.D

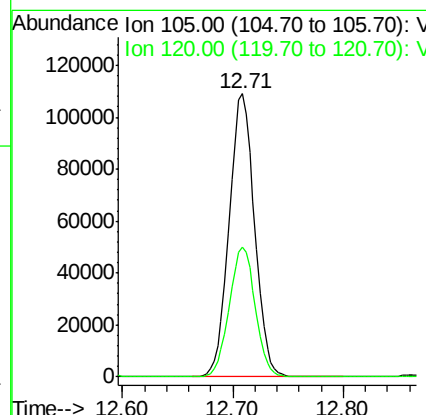
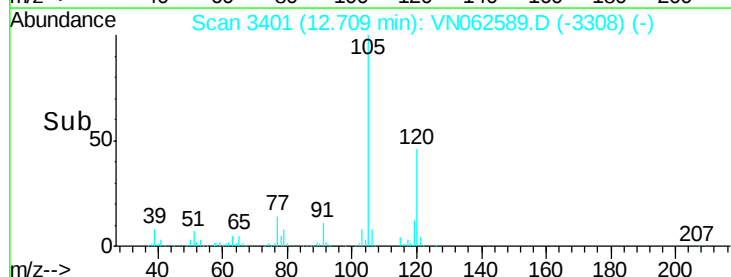
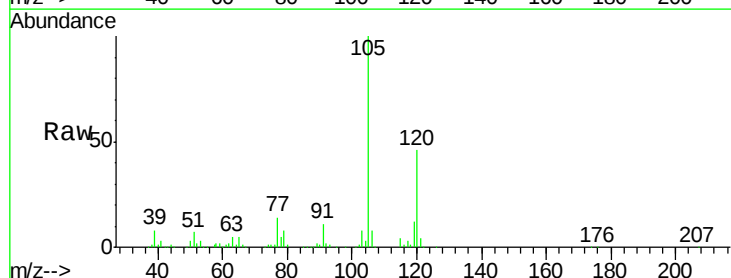
Acq: 22 Jul 2020 12:29

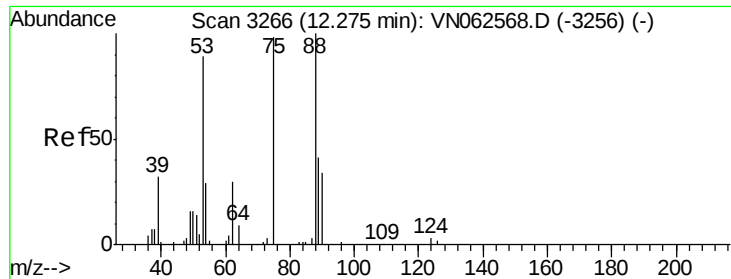
Tgt Ion: 105 Resp: 174949

Ion Ratio Lower Upper

105 100

120 46.6 23.2 69.6





#81

trans-1,4-Dichloro-2-butene

Concen: 18.689 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

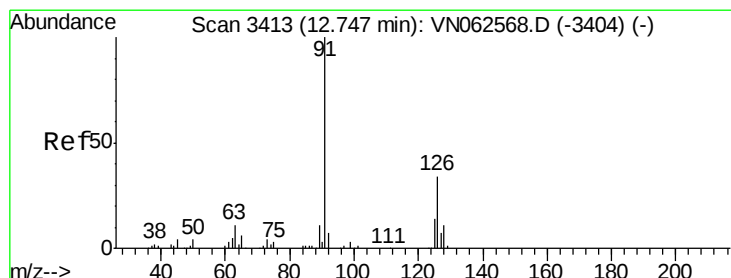
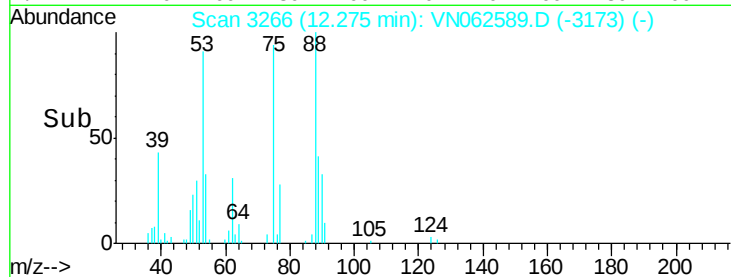
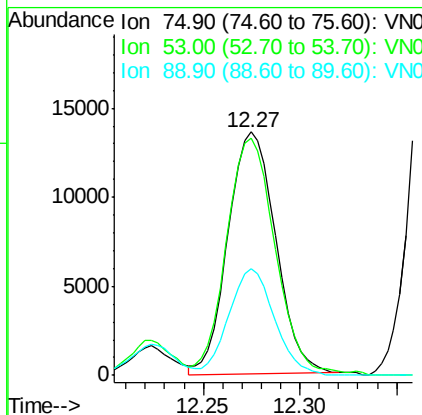
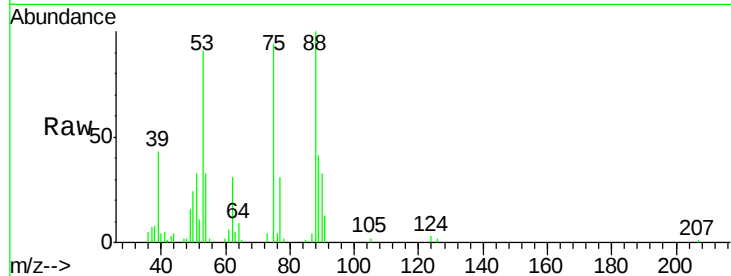
ClientSampleId :

VN0722WBSD01

Tot Ion:	75	Resp:	23282
Ion	Ratio	Lower	Upper
75	100		
53	97.7	75.4	113.0
89	42.3	34.5	51.7

Manual Integrations
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#82

4-Chlorotoluene

Concen: 18.896 ug/l

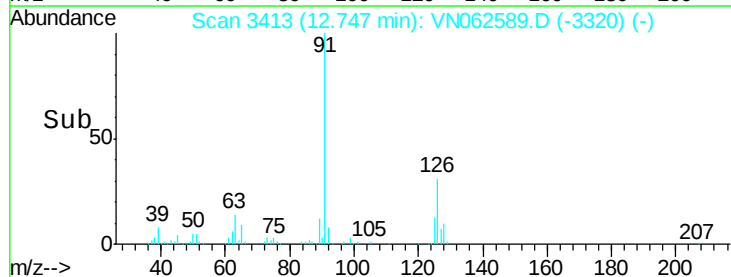
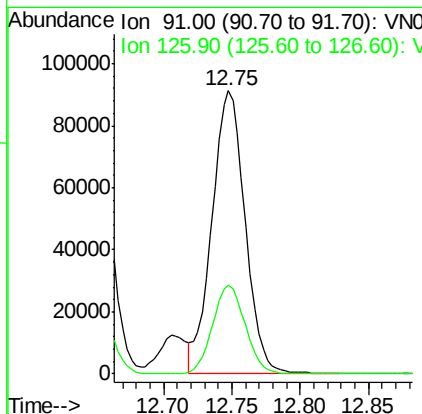
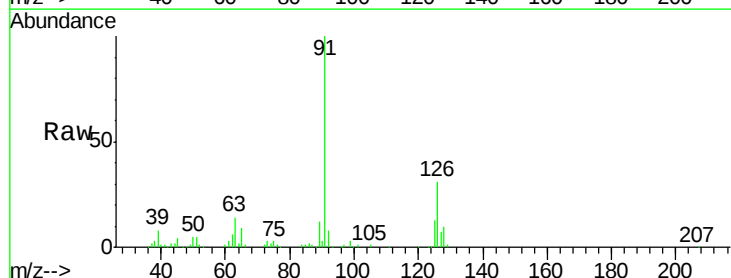
RT: 12.75 min Scan# 3413

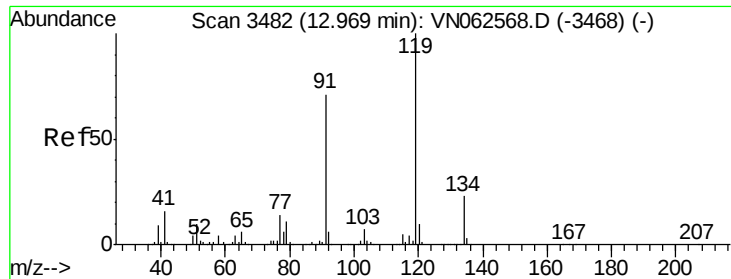
Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Tgt Ion:	91	Resp:	152956
Ion	Ratio	Lower	Upper
91	100		
126	31.1	15.4	46.4





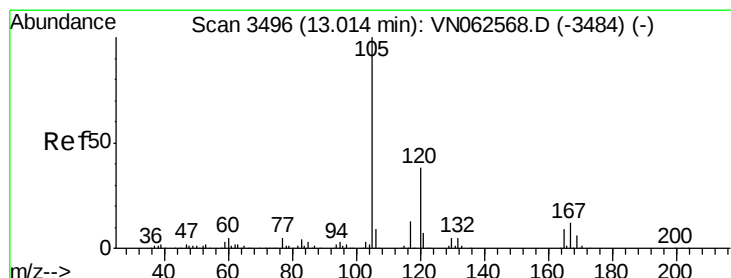
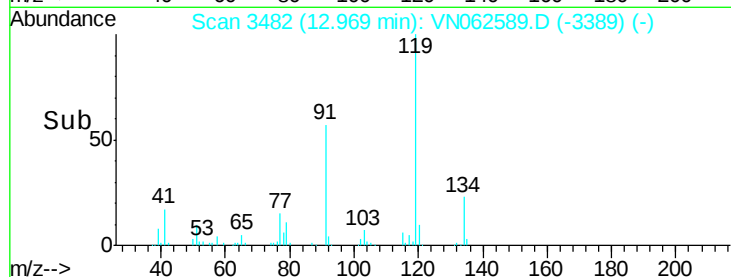
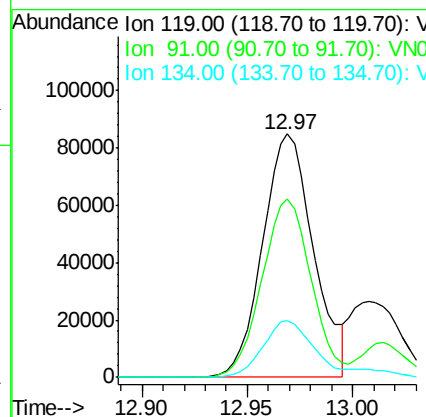
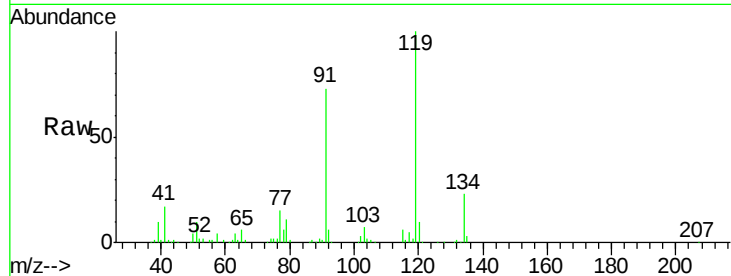
#83
 tert-Butylbenzene
 Concen: 19.206 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	71.3	34.6	103.8
134	23.2	11.5	34.4

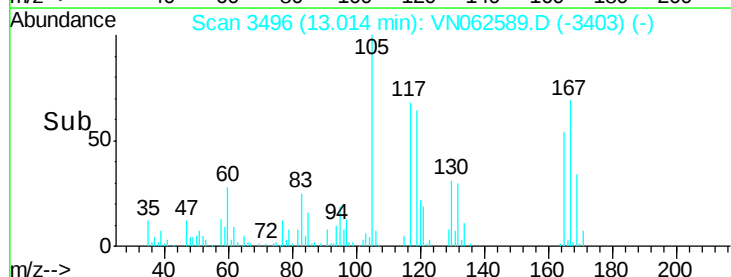
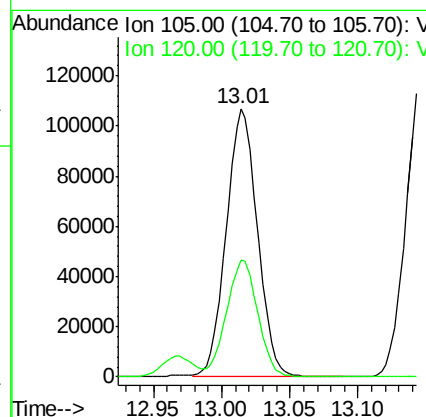
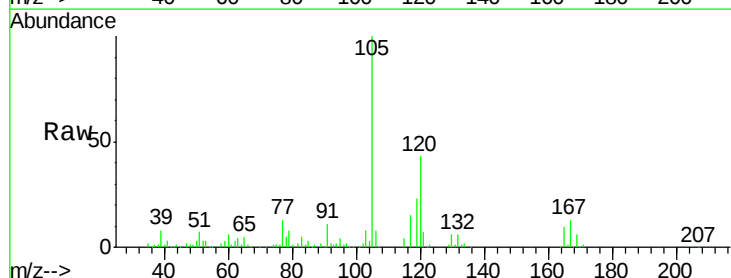
Manual Integrations
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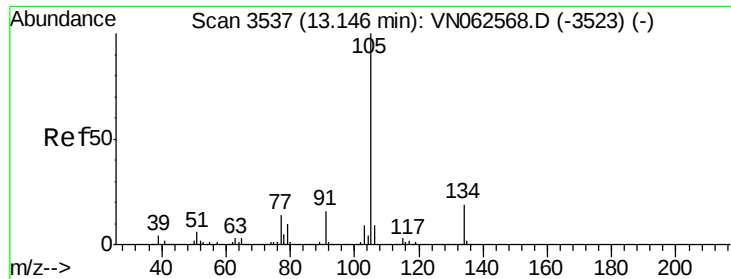
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#84
 1,2,4-Trimethylbenzene
 Concen: 19.403 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.1	66.3





#85

sec-Butylbenzene

Concen: 19.408 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

ClientSampleId :

VN0722WBSD01

Tot Ion:105 Resp: 192797

Ion Ratio Lower Upper

105 100

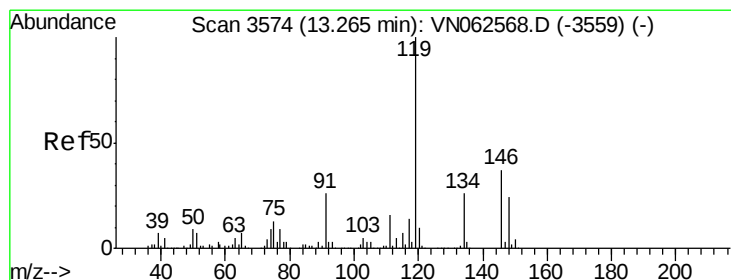
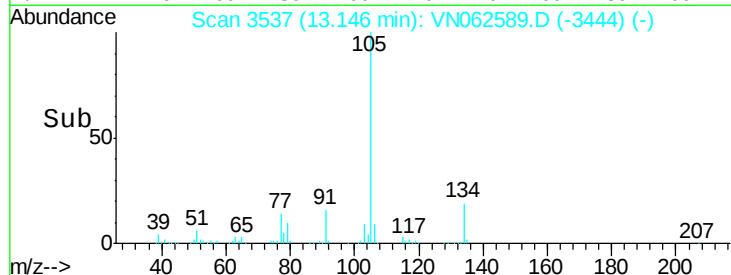
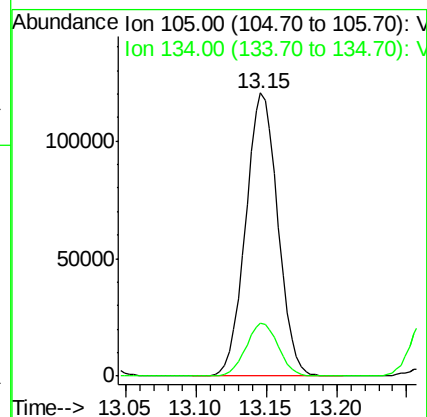
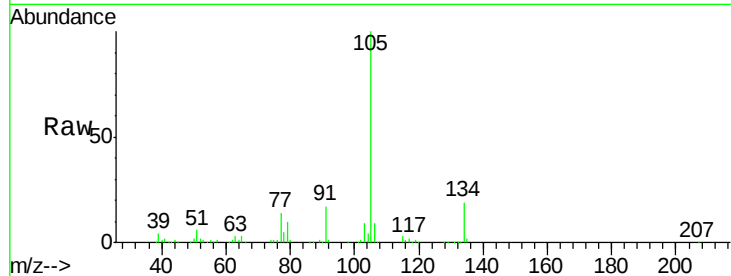
134 18.7 9.5 28.5

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#86

p-Isopropyltoluene

Concen: 19.453 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

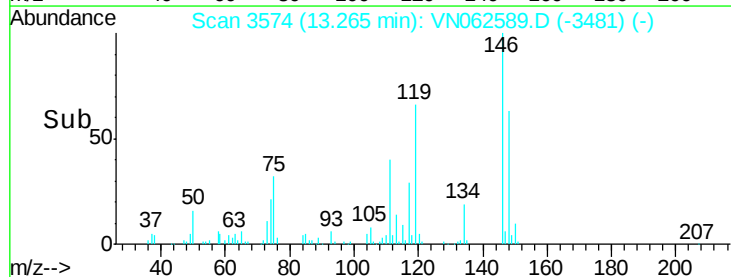
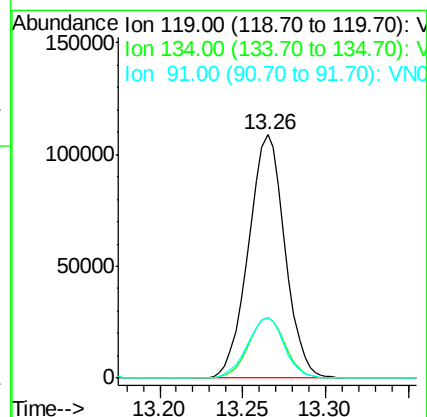
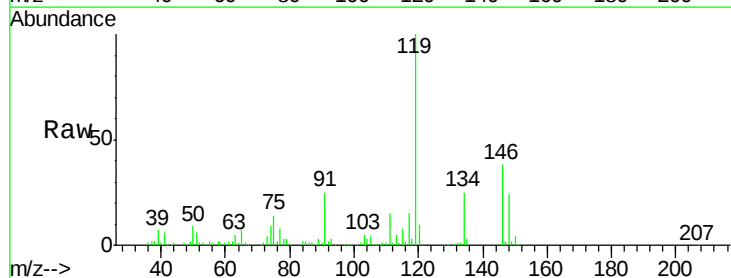
Tgt Ion:119 Resp: 166202

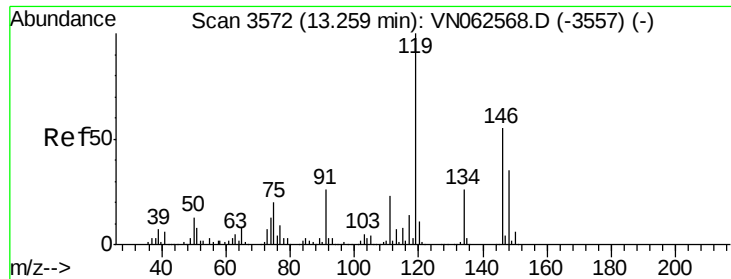
Ion Ratio Lower Upper

119 100

134 25.3 12.8 38.4

91 25.3 12.7 38.1





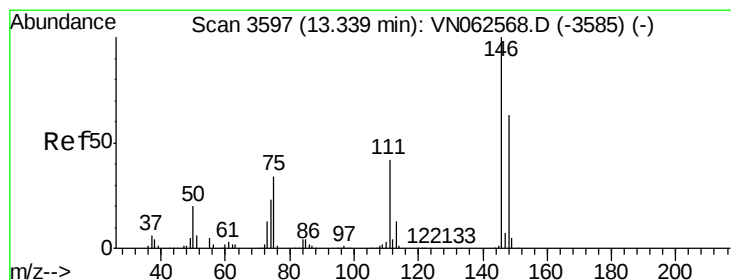
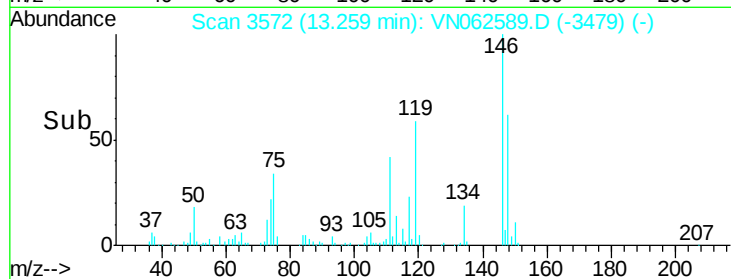
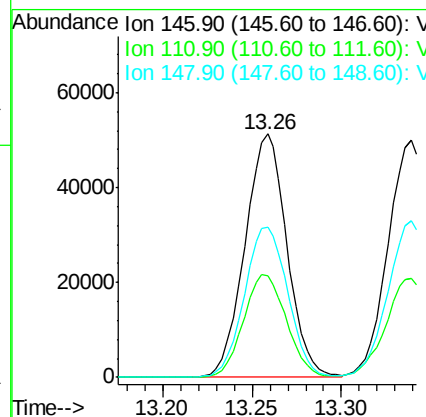
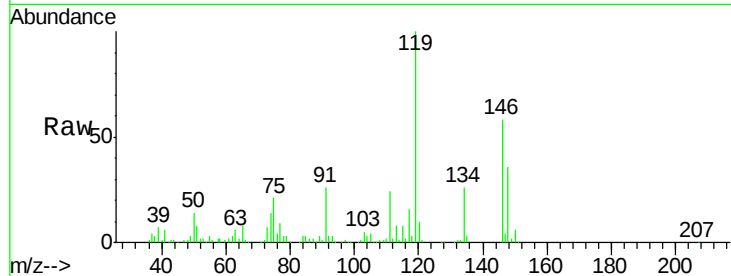
#87
 1,3-Dichlorobenzene
 Concen: 18.580 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.6	64.6
148	63.9	31.8	95.4

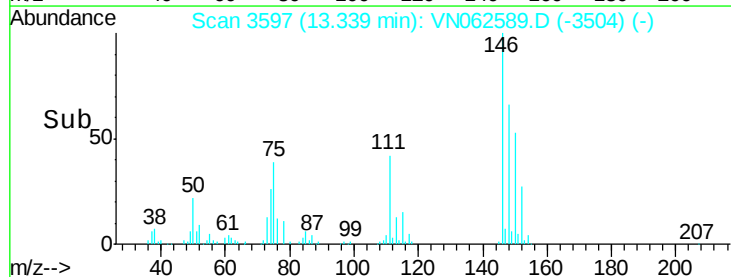
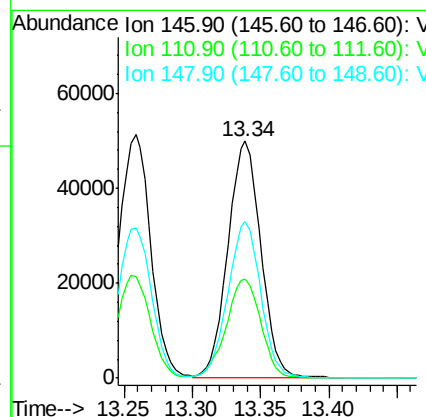
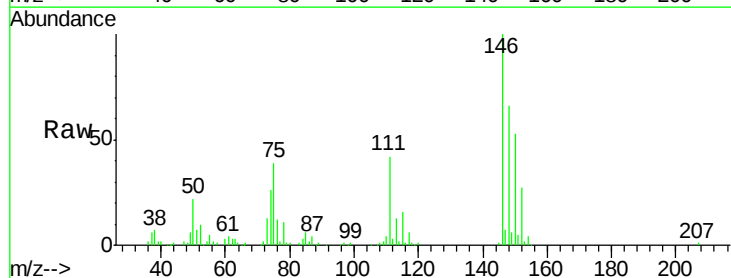
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#88
 1,4-Dichlorobenzene
 Concen: 18.860 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
146	100		
111	44.0	21.1	63.1
148	65.9	31.6	94.8





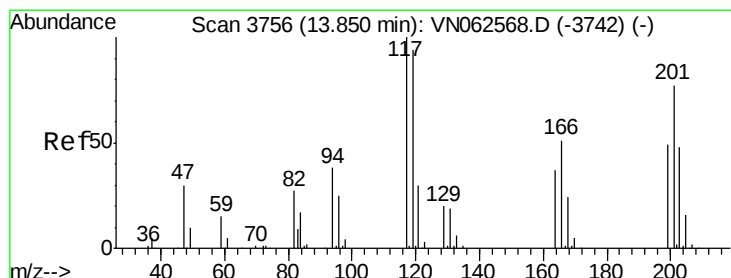
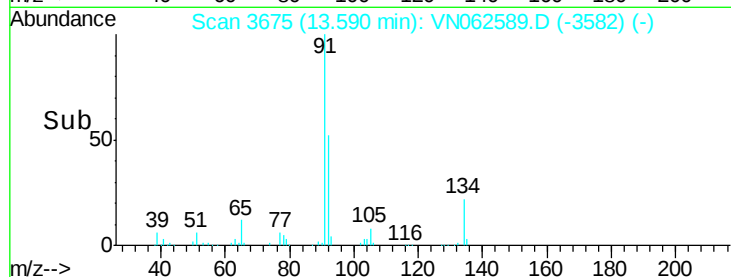
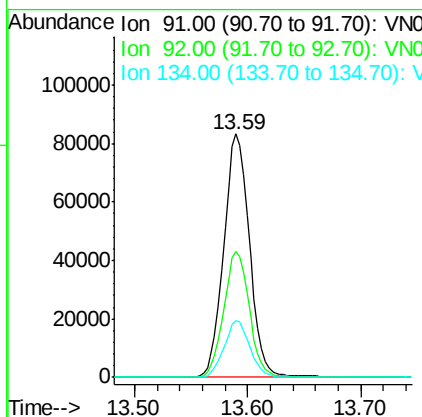
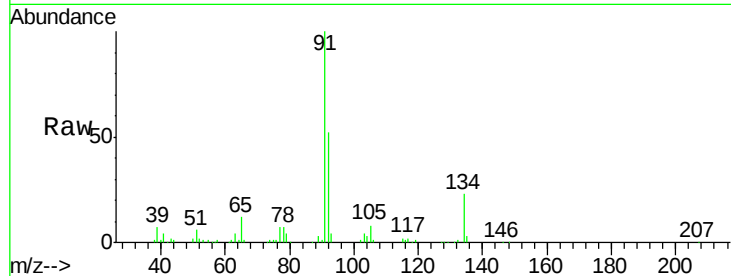
#89
n-Butylbenzene
Concen: 18.064 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Instrument :
MSVOA_N
ClientSampleId :
VN0722WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.4	25.8	77.3
134	23.2	11.8	35.3

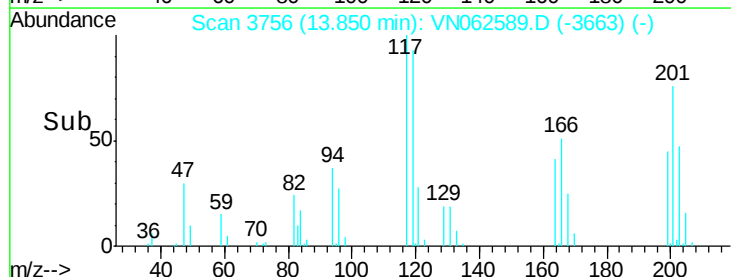
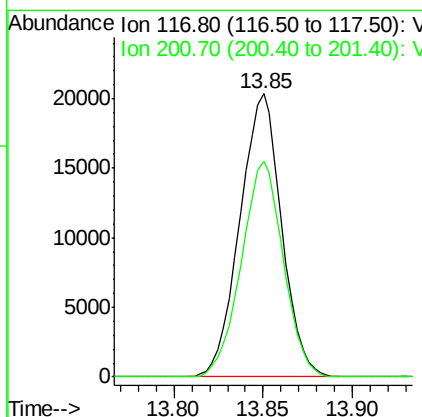
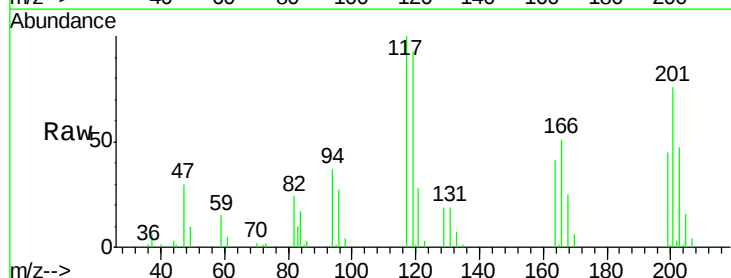
Manual Integrations
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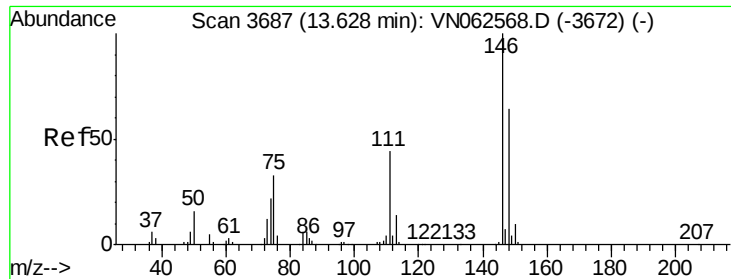
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#90
Hexachloroethane
Concen: 18.289 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN062589.D
Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
117	100		
201	76.2	39.2	117.6





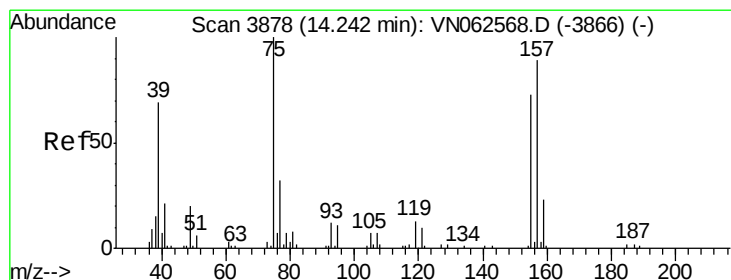
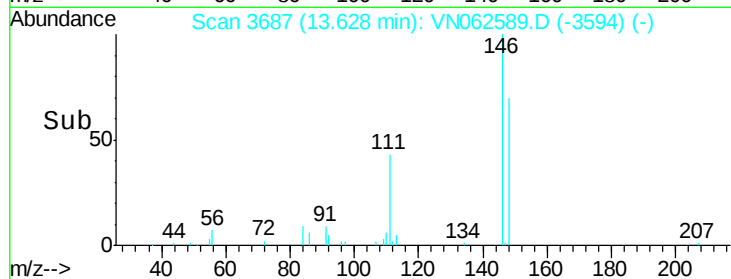
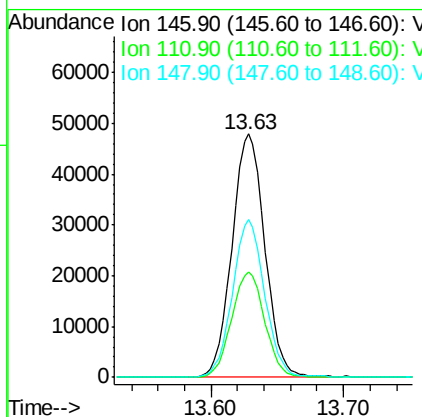
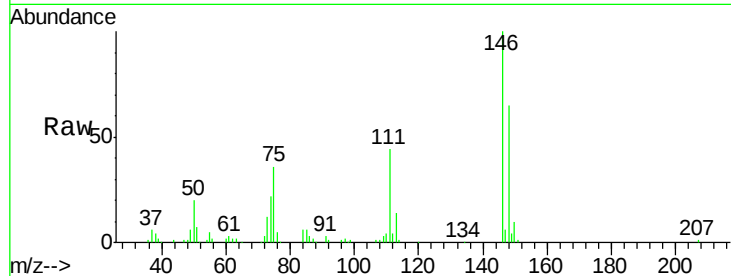
#91
 1,2-Dichlorobenzene
 Concen: 18.989 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0722WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.3	21.9	65.8
148	63.3	31.6	94.7

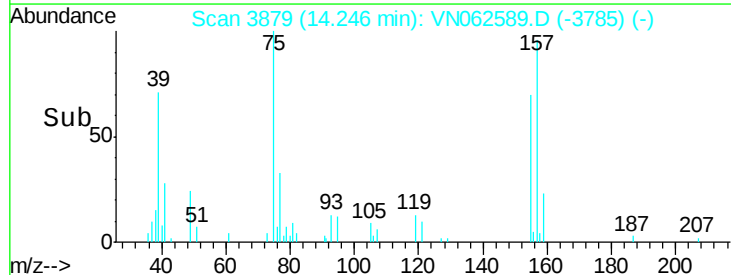
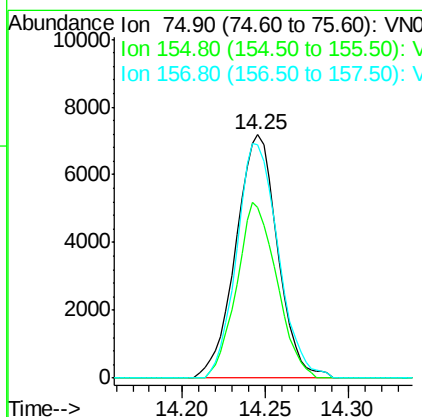
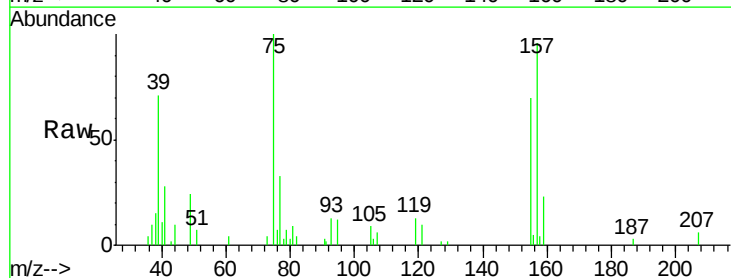
Manual Integrations
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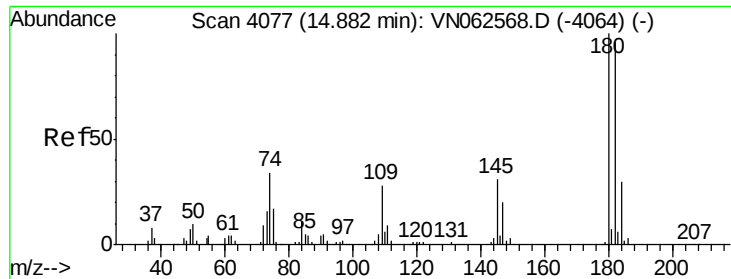
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.525 ug/l
 RT: 14.25 min Scan# 3879
 Delta R.T. 0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.0	35.9	107.5
157	95.9	45.0	135.0





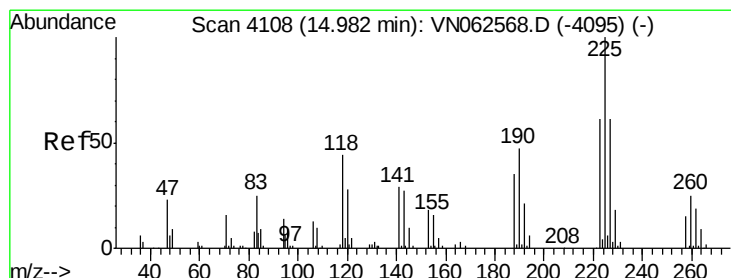
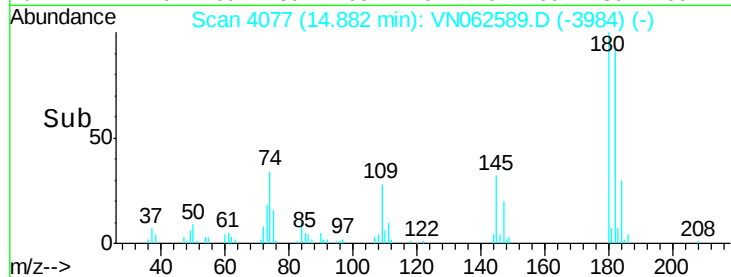
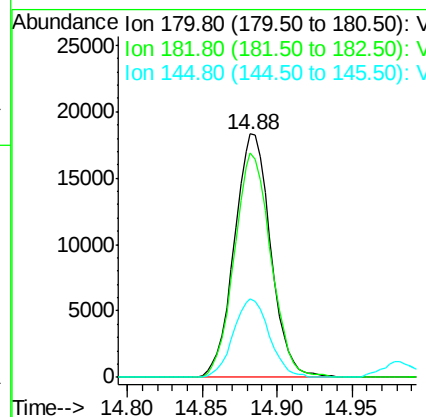
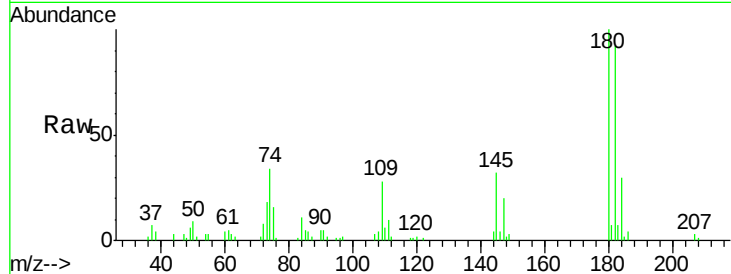
#93
 1,2,4-Trichlorobenzene
 Concen: 15.847 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0722WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	31032		
182	92.4	47.8	143.3	
145	31.7	15.3	45.9	

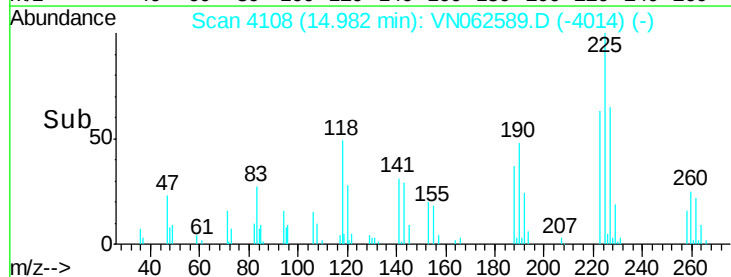
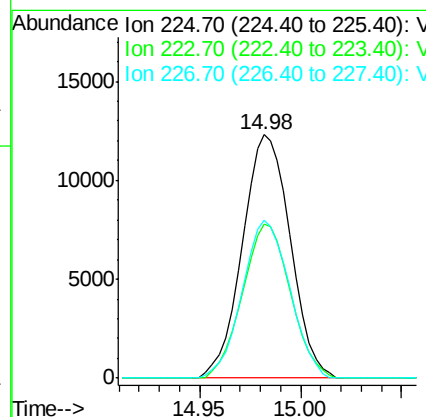
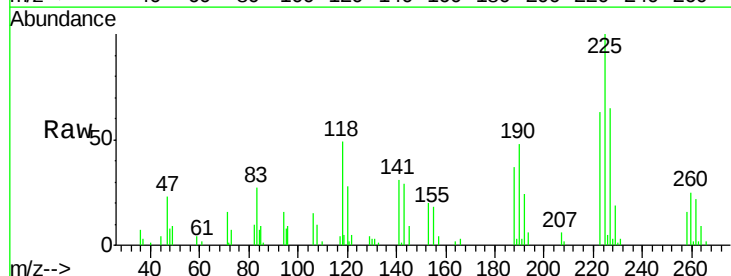
Manual Integrations
 APPROVED

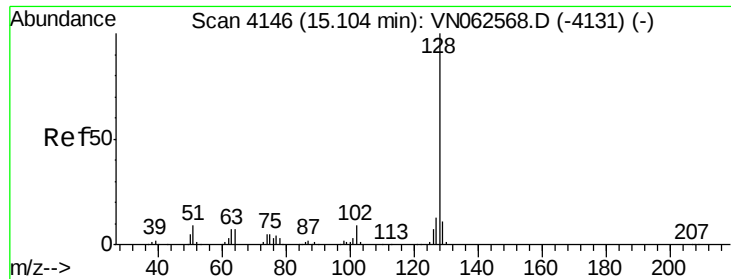
MMDadoda
 7/23/2020 2:15:01 PM



#94
 Hexachlorobutadiene
 Concen: 17.119 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. 0.00 min
 Lab File: VN062589.D
 Acq: 22 Jul 2020 12:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	20454		
223	63.3	32.0	96.0	
227	64.2	31.1	93.2	





#95

Naphthalene

Concen: 15.598 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Instrument :

MSVOA_N

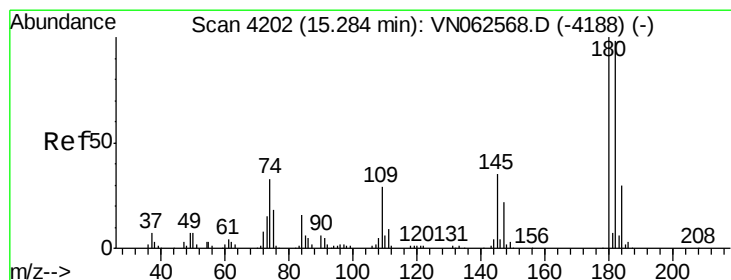
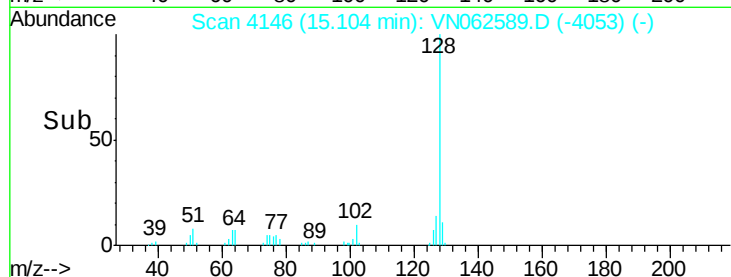
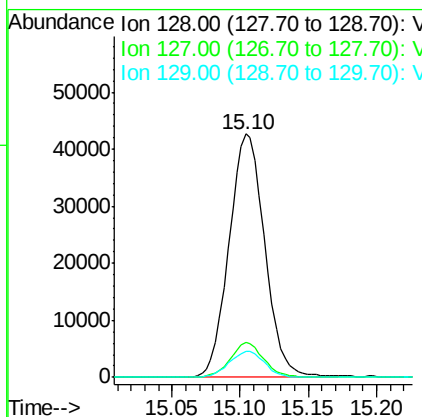
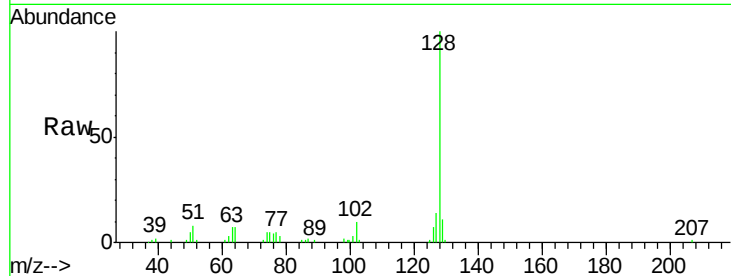
ClientSampleId :

VN0722WBSD01

Tot Ion:	128	Resp:	77551
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.4	15.6
129	10.3	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
7/23/2020 2:15:01 PM



#96

1,2,3-Trichlorobenzene

Concen: 15.653 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. -0.00 min

Lab File: VN062589.D

Acq: 22 Jul 2020 12:29

Tgt Ion:	180	Resp:	32045
Ion Ratio	Lower	Upper	
180	100		
182	96.5	48.1	144.3
145	33.4	16.7	50.1

