

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120120\
 Data File : VN064882.D
 Acq On : 1 Dec 2020 15:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/2/2020 12:43:27 PM

Quant Time: Dec 02 00:35:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:54:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	206222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	316827	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	292285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	146993	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	110211	45.97	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	91.94%
35) Dibromofluoromethane	7.55	113	93395	49.26	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.52%
50) Toluene-d8	10.06	98	371364	47.94	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.88%
62) 4-Bromofluorobenzene	12.37	95	133118	48.02	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.04%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	78166	43.735	ug/l 97
3) Chloromethane	2.04	50	99594	42.881	ug/l 98
4) Vinyl Chloride	2.16	62	106502	43.983	ug/l 96
5) Bromomethane	2.52	94	67433	42.446	ug/l 98
6) Chloroethane	2.67	64	65630	43.821	ug/l 99
7) Trichlorofluoromethane	2.98	101	155519	46.462	ug/l 99
8) Diethyl Ether	3.37	74	59177	44.789	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	3.71	101	94620	47.123	ug/l 98
10) Methyl Iodide	3.90	142	112903	43.350	ug/l 98
11) Tert butyl alcohol	4.75	59	85526	228.746	ug/l 99
12) 1,1-Dichloroethene	3.69	96	91424	45.718	ug/l 99
13) Acrolein	3.56	56	60498	264.902	ug/l 98
14) Allyl chloride	4.27	41	149603	45.358	ug/l 99
15) Acrylonitrile	4.93	53	250378	242.407	ug/l 100
16) Acetone	3.78	43	232848	295.449	ug/l 97
17) Carbon Disulfide	4.00	76	229118	44.375	ug/l 99
18) Methyl Acetate	4.28	43	111653	47.120	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	306492	47.788	ug/l 99
20) Methylene Chloride	4.50	84	109687	44.415	ug/l 99
21) trans-1,2-Dichloroethene	4.98	96	102179	46.012	ug/l 99
22) Diisopropyl ether	5.90	45	319786	48.440	ug/l 100
23) Vinyl Acetate	5.84	43	1303128	246.841	ug/l 99
24) 1,1-Dichloroethane	5.79	63	185506	47.018	ug/l 99
25) 2-Butanone	6.79	43	333941	261.387	ug/l 96
26) 2,2-Dichloropropane	6.78	77	161834	47.294	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	117712	47.106	ug/l 99
28) Bromochloromethane	7.15	49	80700	44.711	ug/l 96
29) Tetrahydrofuran	7.17	42	207067	234.797	ug/l 98
30) Chloroform	7.33	83	191396	47.042	ug/l 98
31) Cyclohexane	7.61	56	150326	44.988	ug/l 97
32) 1,1,1-Trichloroethane	7.52	97	164919	47.194	ug/l 99
36) 1,1-Dichloropropene	7.75	75	141184	48.076	ug/l 98
37) Ethyl Acetate	6.88	43	132209	46.737	ug/l 97
38) Carbon Tetrachloride	7.73	117	147172	48.165	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	155550	49.204	ug/l	98
40) Benzene	8.00	78	435281	48.370	ug/l	98
41) Methacrylonitrile	7.12	41	63342	48.528	ug/l	94
42) 1,2-Dichloroethane	8.08	62	141293	46.543	ug/l	99
43) Isopropyl Acetate	8.13	43	215861	47.422	ug/l	99
44) Trichloroethene	8.80	130	126547	47.661	ug/l	97
45) 1,2-Dichloropropane	9.08	63	114954	49.327	ug/l	99
46) Dibromomethane	9.17	93	76468	49.116	ug/l	98
47) Bromodichloromethane	9.37	83	150940	48.183	ug/l	98
48) Methyl methacrylate	9.16	41	104698	48.136	ug/l	97
49) 1,4-Dioxane	9.17	88	40480	984.699	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	676246	247.463	ug/l	100
52) Toluene	10.12	92	273118	49.282	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	168713	48.354	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	186266	49.805	ug/l	96
55) 1,1,2-Trichloroethane	10.53	97	111014	48.714	ug/l	96
56) Ethyl methacrylate	10.40	69	156179	49.663	ug/l	99
57) 1,3-Dichloropropane	10.68	76	183802	48.894	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	499004	288.465	ug/l	100
59) 2-Hexanone	10.72	43	502283	255.395	ug/l	99
60) Dibromochloromethane	10.87	129	126558	49.960	ug/l	98
61) 1,2-Dibromoethane	10.97	107	112928	48.775	ug/l	99
64) Tetrachloroethene	10.60	164	141205	49.656	ug/l	98
65) Chlorobenzene	11.41	112	304544	48.519	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	113284	49.110	ug/l	99
67) Ethyl Benzene	11.48	91	520504	49.639	ug/l	99
68) m/p-Xylenes	11.60	106	405867	102.234	ug/l	99
69) o-Xylene	11.92	106	191815	50.916	ug/l	99
70) Styrene	11.94	104	332125	52.222	ug/l	99
71) Bromoform	12.10	173	88736	48.164	ug/l #	100
73) Isopropylbenzene	12.22	105	515995	50.467	ug/l	99
74) N-amyl acetate	12.04	43	191805	47.669	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	139499	46.549	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	156115m	49.316	ug/l	
77) Bromobenzene	12.50	156	129701	47.053	ug/l	99
78) n-propylbenzene	12.57	91	591865	50.814	ug/l	99
79) 2-Chlorotoluene	12.65	91	345937	48.048	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	437316	51.458	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	55722	48.244	ug/l	96
82) 4-Chlorotoluene	12.75	91	367006	48.630	ug/l	100
83) tert-Butylbenzene	12.97	119	364213	51.129	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	441172	51.344	ug/l	99
85) sec-Butylbenzene	13.14	105	486729	51.463	ug/l	100
86) p-Isopropyltoluene	13.26	119	459441	53.357	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	234241	47.830	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	233656	45.115	ug/l	99
89) n-Butylbenzene	13.59	91	388381	51.360	ug/l	99
90) Hexachloroethane	13.85	117	76623	51.223	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	230798	47.996	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29671	44.002	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	138565	46.581	ug/l	100
94) Hexachlorobutadiene	14.98	225	69092	51.567	ug/l	99
95) Naphthalene	15.10	128	401770	45.083	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	133145	47.181	ug/l	99

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

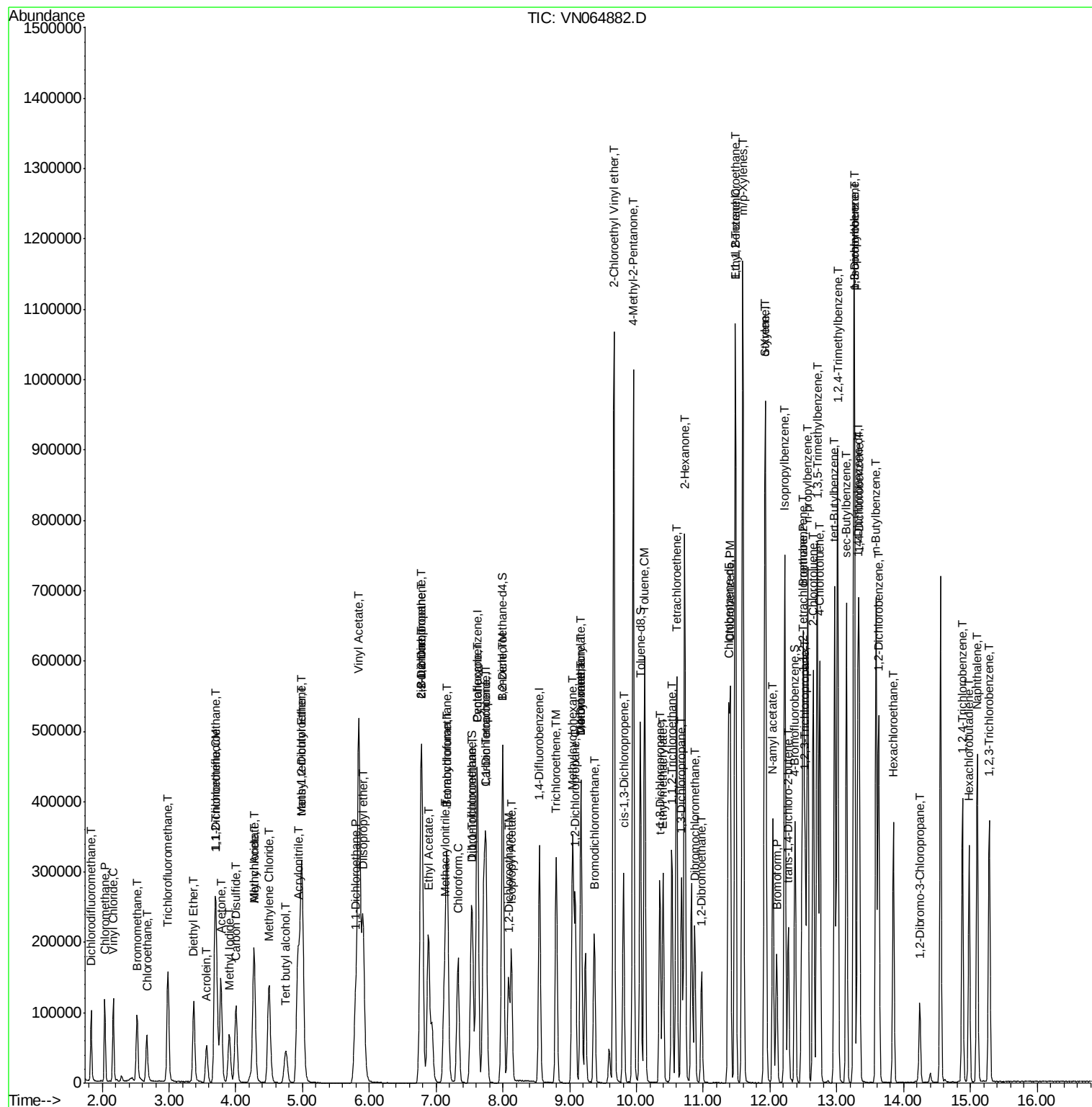
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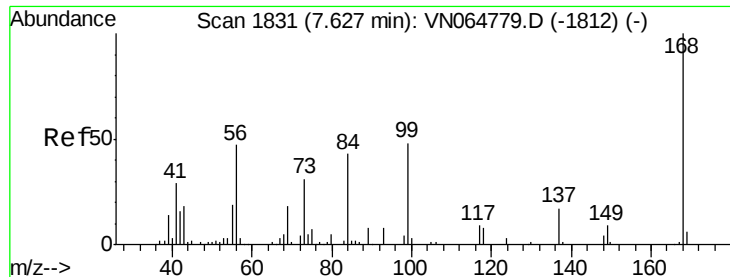
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1830

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 206222

Ion Ratio Lower Upper

168 100

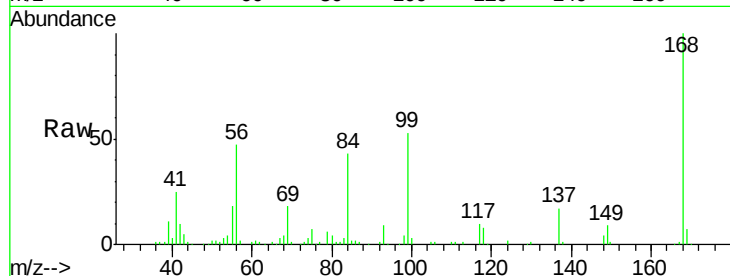
99 53.0 43.0 64.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.62

80000

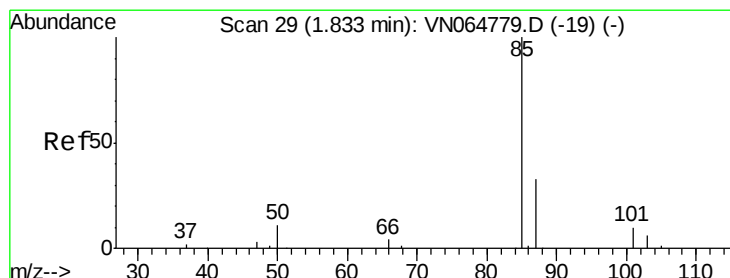
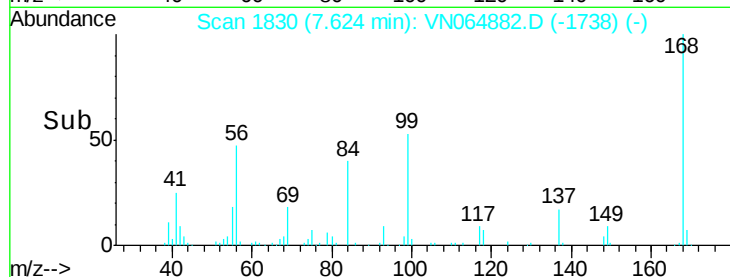
60000

40000

20000

0

Time--> 7.50 7.55 7.60 7.65 7.70



#2

Dichlorodifluoromethane

Concen: 43.735 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN064882.D

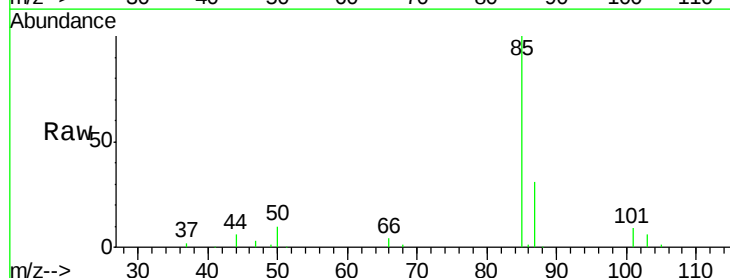
Acq: 1 Dec 2020 15:14

Tgt Ion: 85 Resp: 78166

Ion Ratio Lower Upper

85 100

87 31.3 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

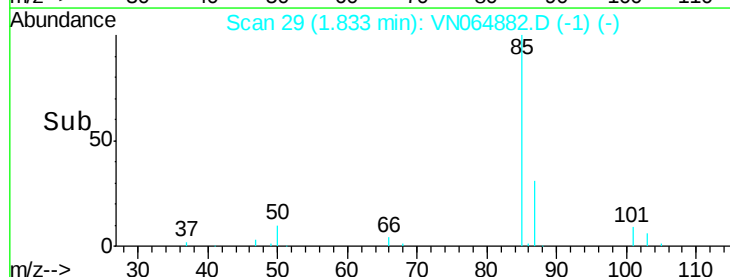
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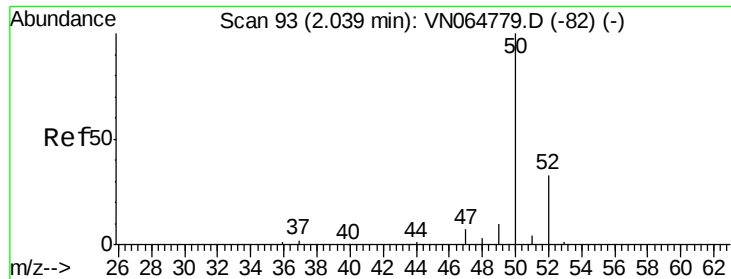
40000

20000

0

Time--> 1.75 1.80 1.85 1.90





#3

Chloromethane

Concen: 42.881 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 99594

Ion Ratio Lower Upper

50 100

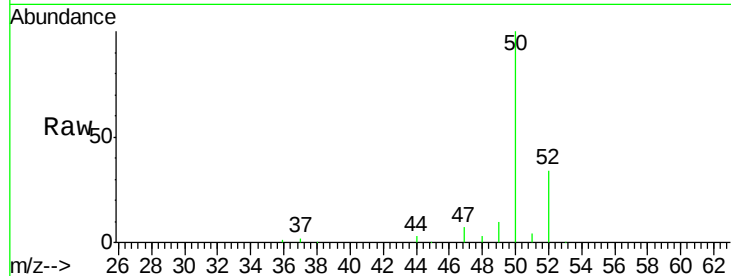
52 34.3 26.6 39.8

Manual Integrations

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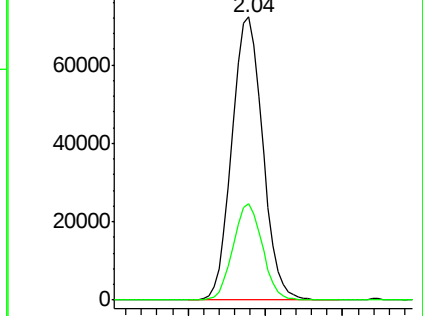
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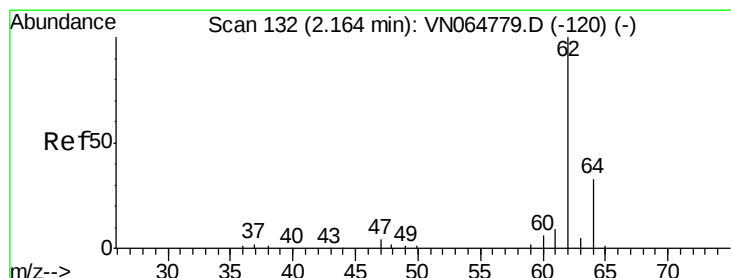
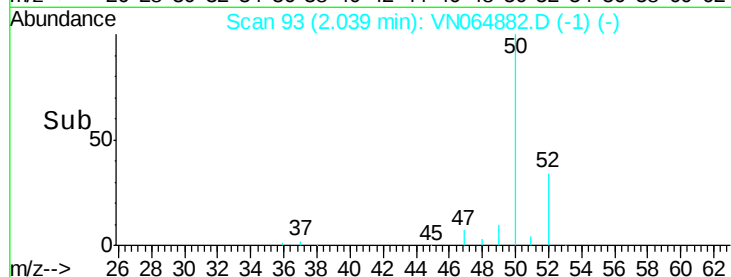


Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



Time-->



#4

Vinyl Chloride

Concen: 43.983 ug/l

RT: 2.16 min Scan# 132

Delta R.T. 0.00 min

Lab File: VN064882.D

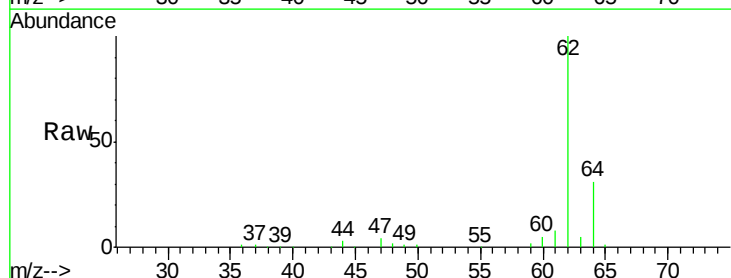
Acq: 1 Dec 2020 15:14

Tgt Ion: 62 Resp: 106502

Ion Ratio Lower Upper

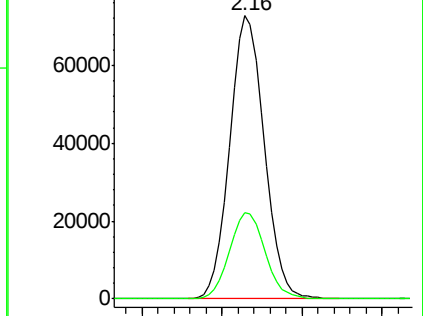
62 100

64 30.6 26.5 39.7

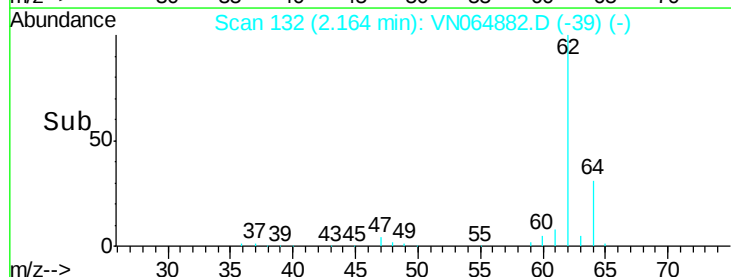


Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0



Time-->





#5

Bromomethane

Concen: 42.446 ug/l

RT: 2.52 min Scan# 243

Delta R.T. -0.01 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 67433

Ion Ratio Lower Upper

94 100

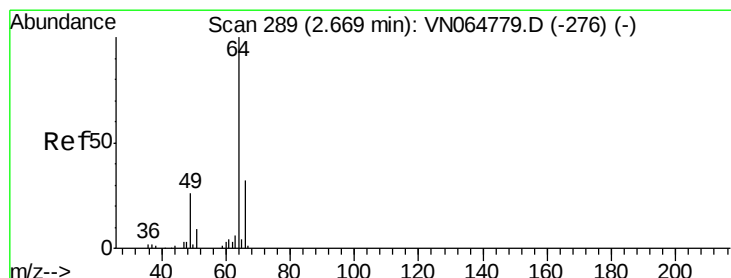
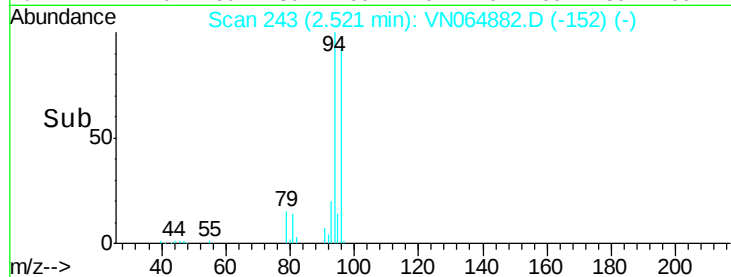
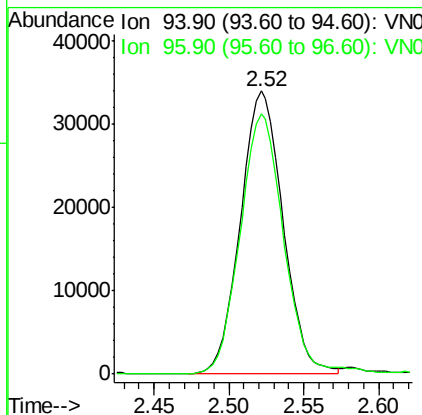
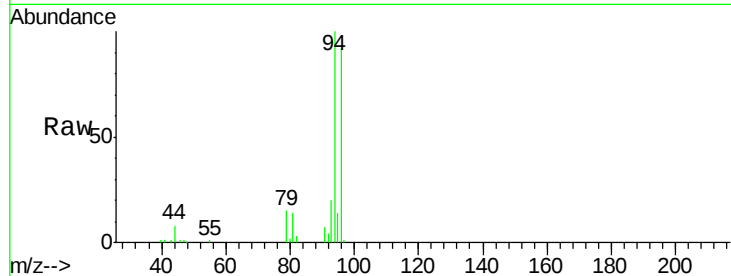
96 92.1 75.4 113.0

Manual Integrations

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#6

Chloroethane

Concen: 43.821 ug/l

RT: 2.67 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN064882.D

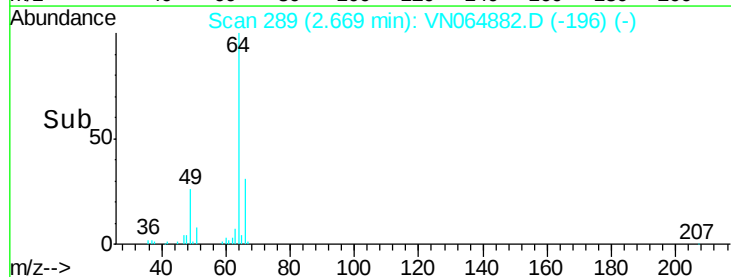
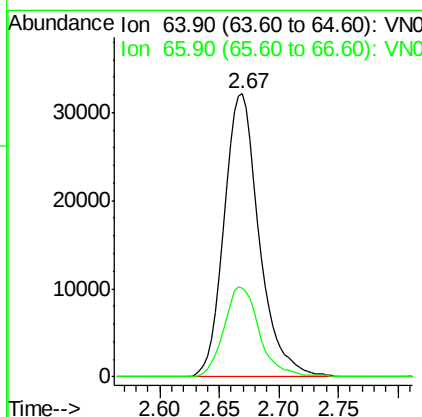
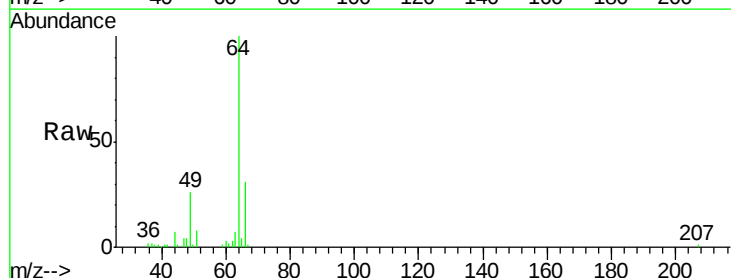
Acq: 1 Dec 2020 15:14

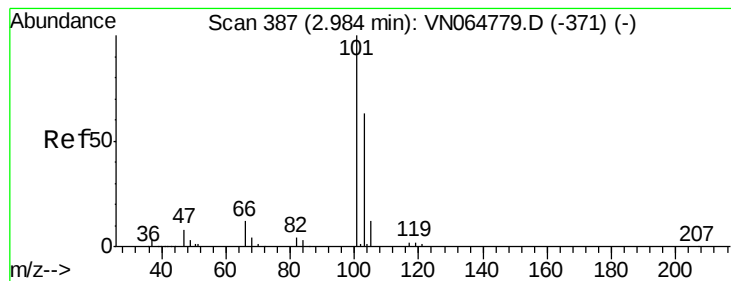
Tgt Ion: 64 Resp: 65630

Ion Ratio Lower Upper

64 100

66 31.5 25.6 38.4





#7

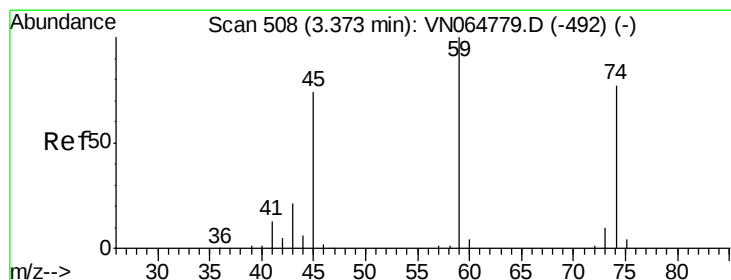
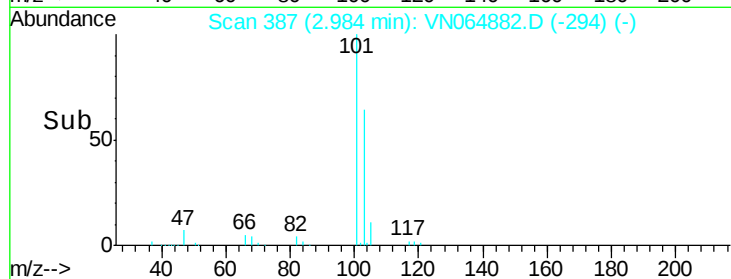
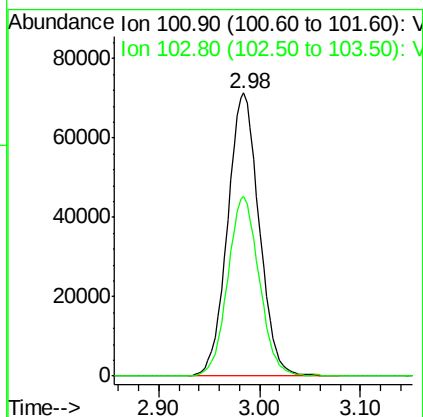
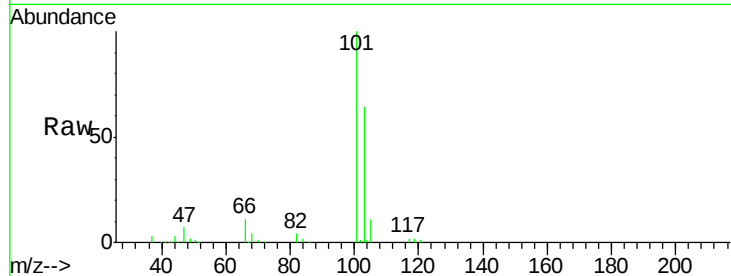
Trichlorofluoromethane
Concen: 46.462 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	155519		
103	63.7	50.5	75.7	

Manual Integrations
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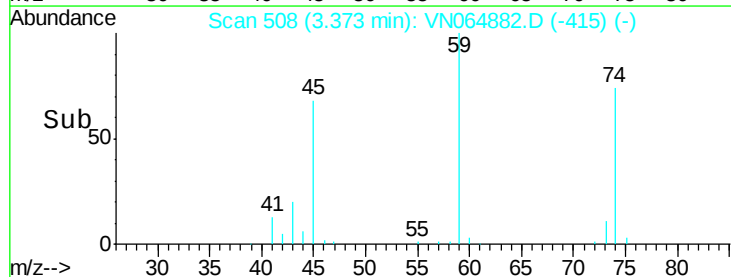
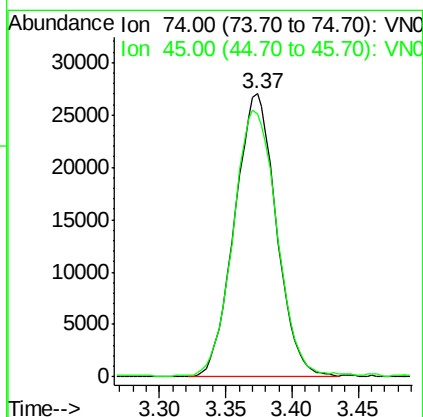
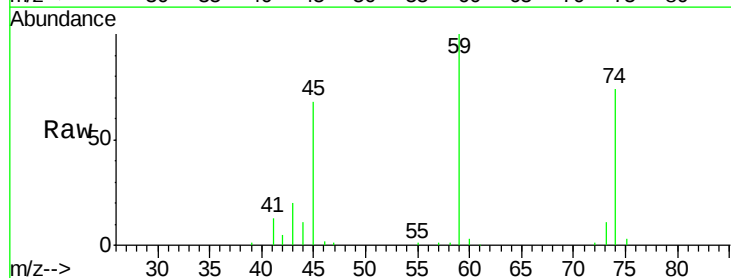
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12/2/2020 12:43:27 PM

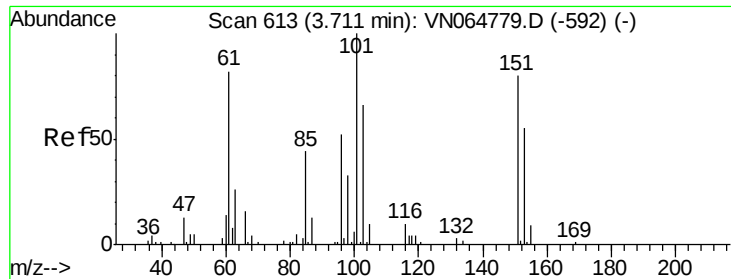


#8

Diethyl Ether
Concen: 44.789 ug/l
RT: 3.37 min Scan# 508
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	59177		
45	97.4	48.9	146.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.123 ug/l

RT: 3.71 min Scan# 612

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

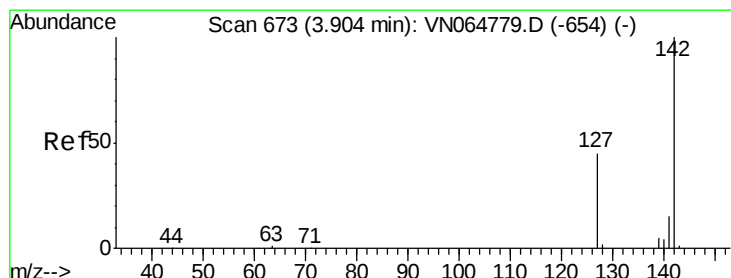
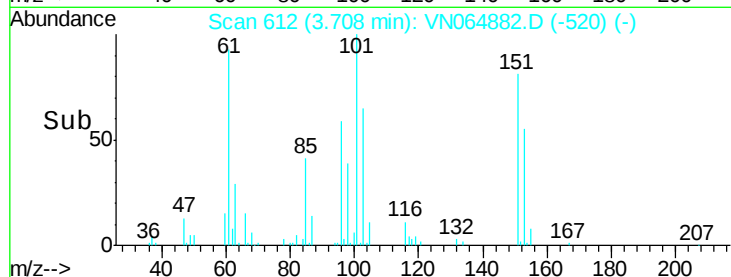
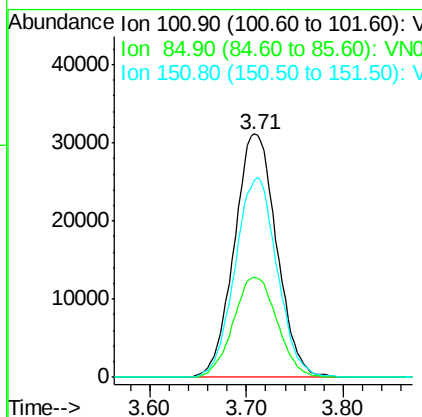
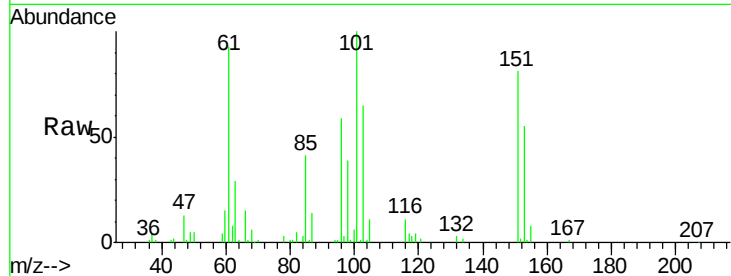
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	94620
Ion Ratio	Lower	Upper	
101	100		
85	42.4	34.4	51.6
151	81.8	64.0	96.0

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#10

Methyl Iodide

Concen: 43.350 ug/l

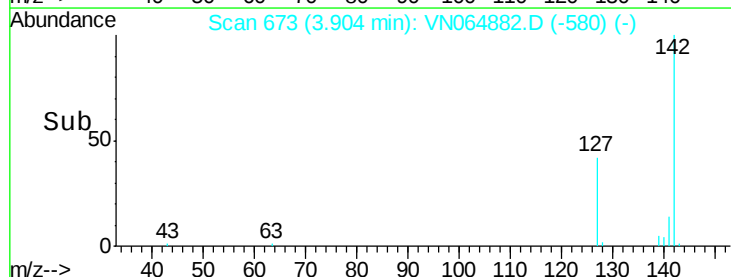
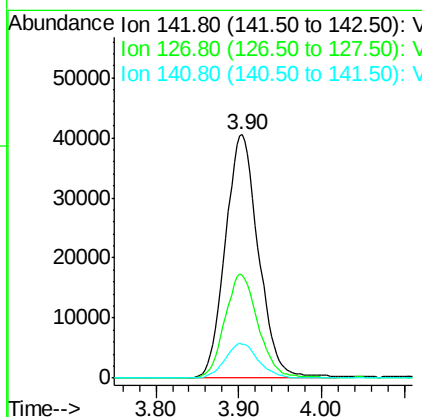
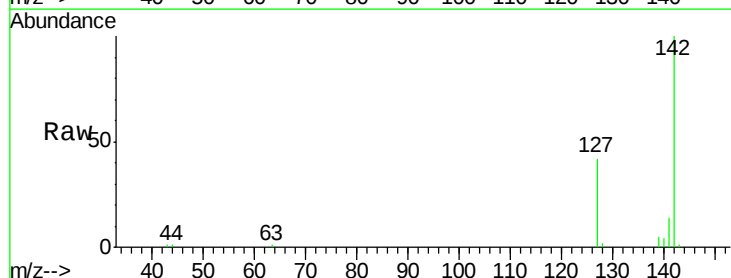
RT: 3.90 min Scan# 673

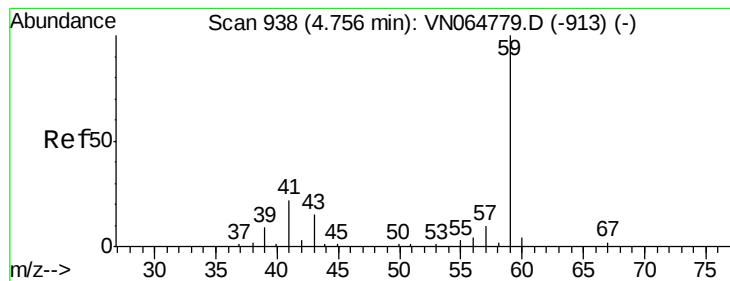
Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Tgt Ion:	142	Resp:	112903
Ion Ratio	Lower	Upper	
142	100		
127	42.6	35.0	52.6
141	14.2	11.8	17.6





#11

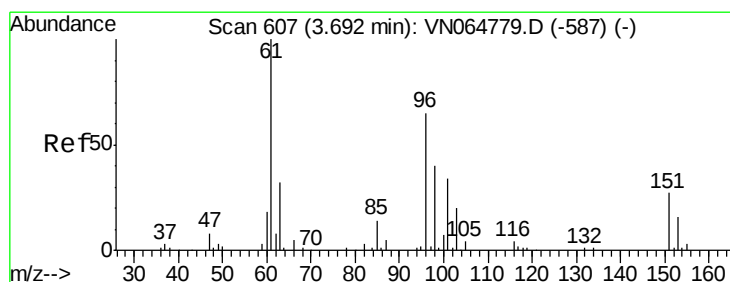
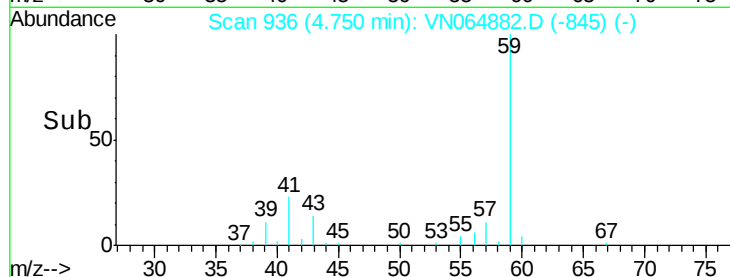
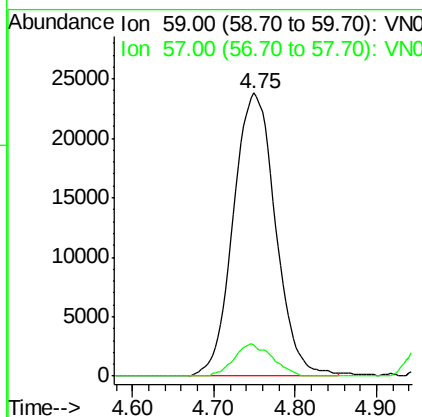
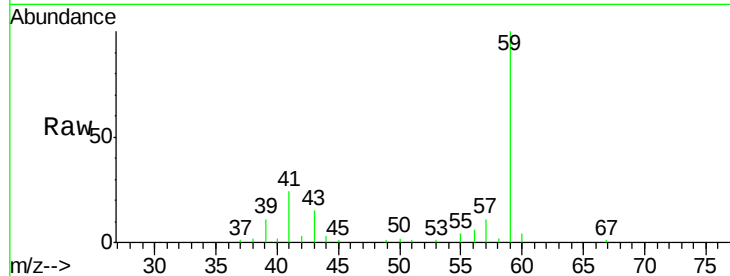
Tert butyl alcohol
Concen: 228.746 ug/l
RT: 4.75 min Scan# 936
Delta R.T. -0.01 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	7.9	11.9

Manual Integrations
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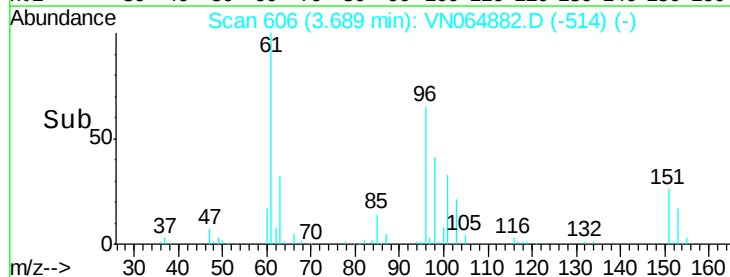
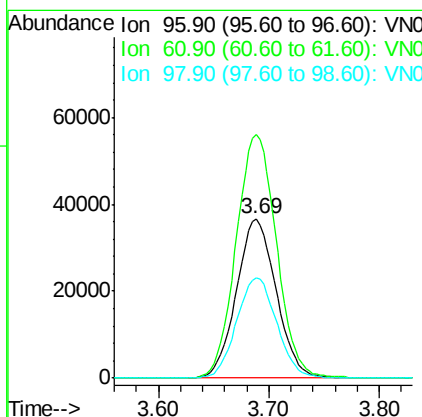
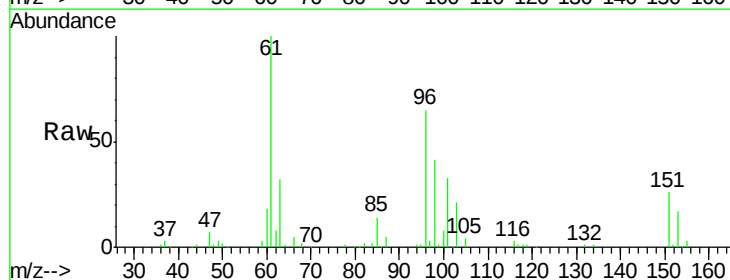
MMDadoda
12/2/2020 12:43:27 PM

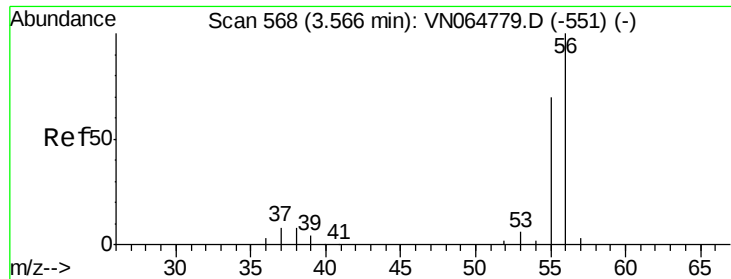


#12

1,1-Dichloroethene
Concen: 45.718 ug/l
RT: 3.69 min Scan# 606
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.7	123.4	185.2
98	62.9	49.8	74.8





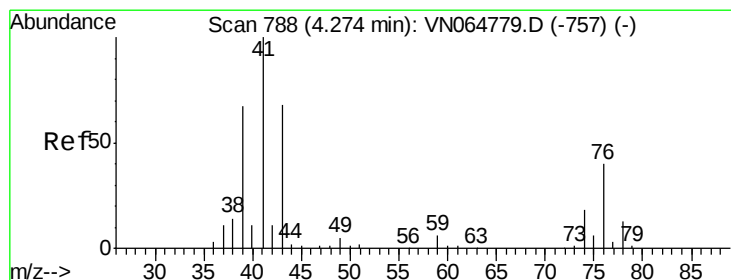
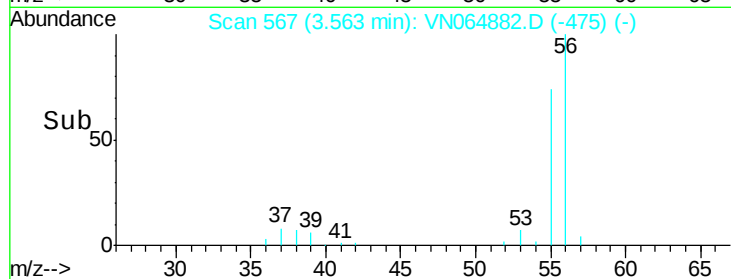
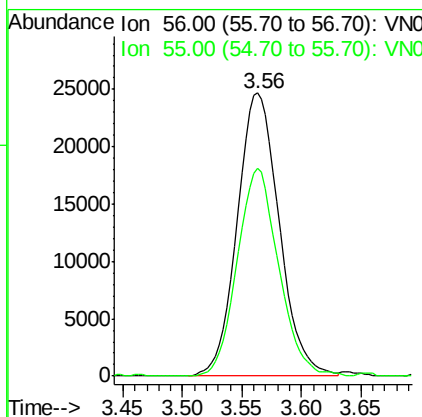
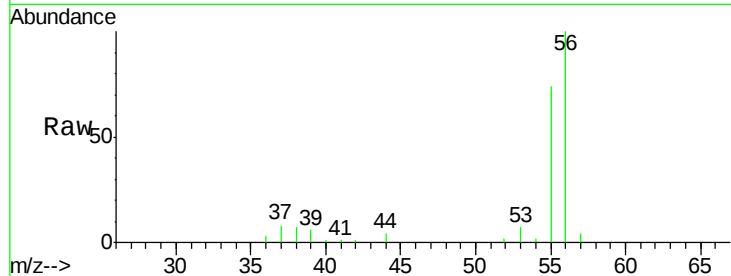
#13
Acrolein
Concen: 264.902 ug/l
RT: 3.56 min Scan# 567
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 60498
Ion Ratio Lower Upper
56 100
55 72.3 56.5 84.7

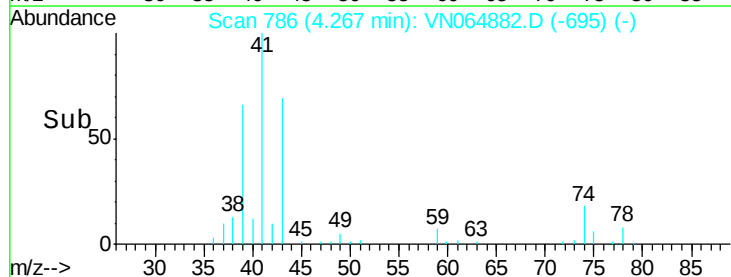
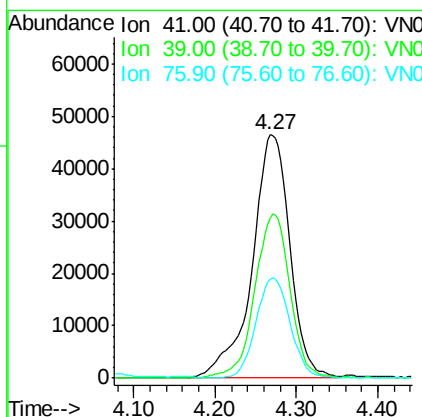
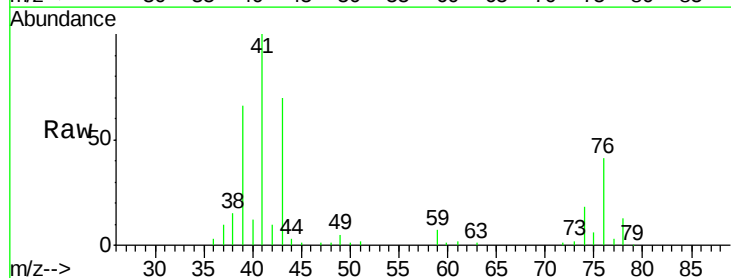
Manual Integrations
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#14
Allyl chloride
Concen: 45.358 ug/l
RT: 4.27 min Scan# 786
Delta R.T. -0.01 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 41 Resp: 149603
Ion Ratio Lower Upper
41 100
39 62.8 50.9 76.3
76 37.2 29.0 43.4





#15

Acrylonitrile

Concen: 242.407 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.01 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

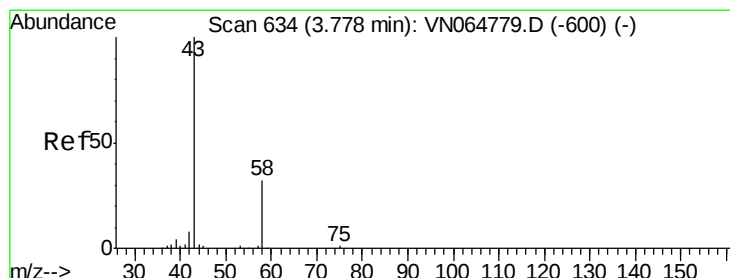
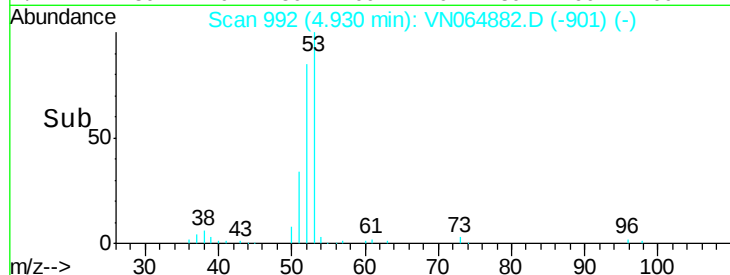
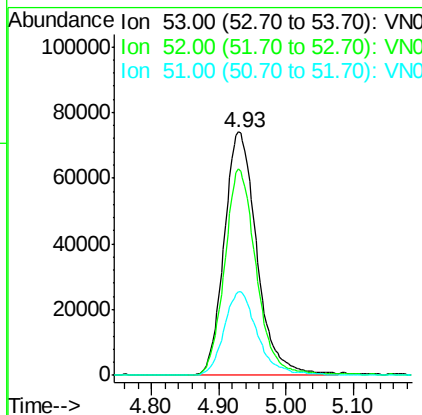
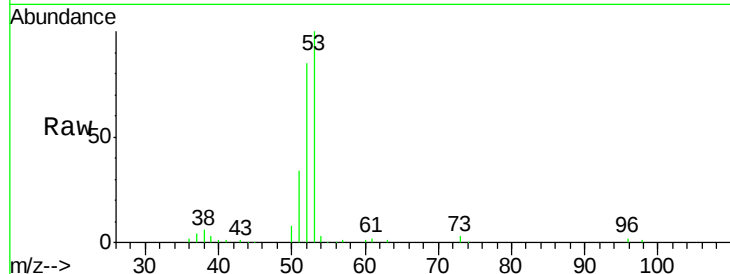
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	250378
Ion Ratio	Lower	Upper	
53	100		
52	81.7	65.5	98.3
51	35.4	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 295.449 ug/l

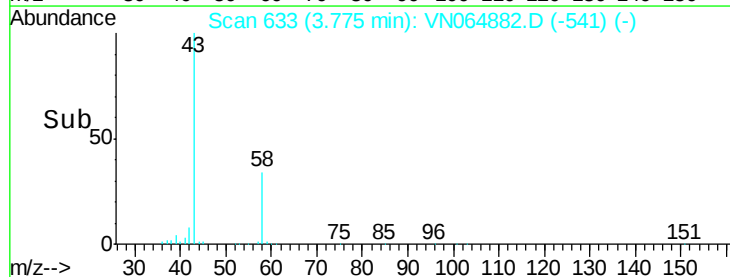
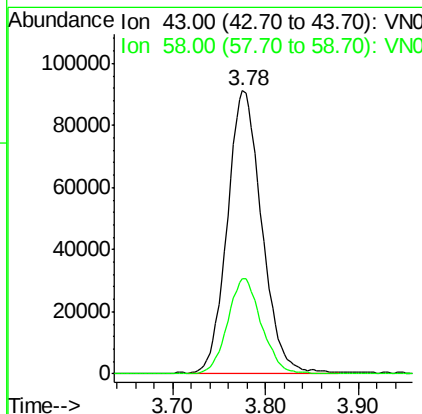
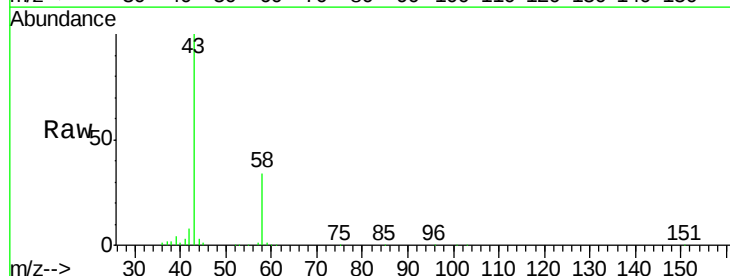
RT: 3.78 min Scan# 633

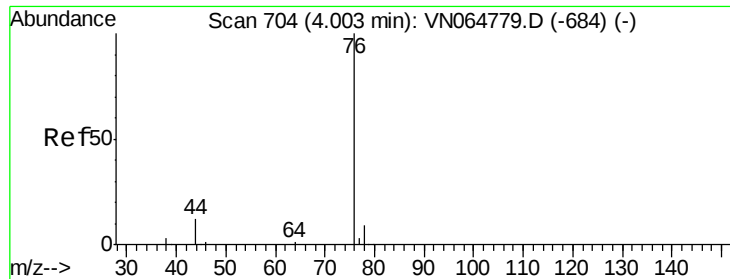
Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Tgt Ion:	43	Resp:	232848
Ion Ratio	Lower	Upper	
43	100		
58	33.9	25.7	38.5





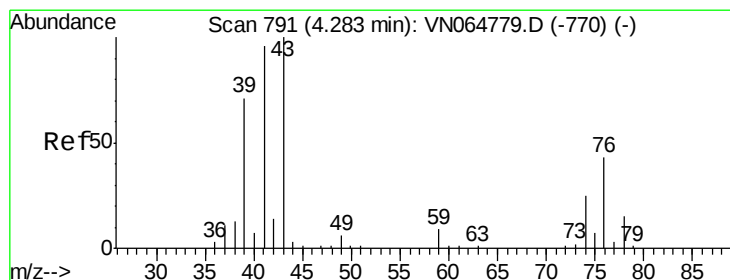
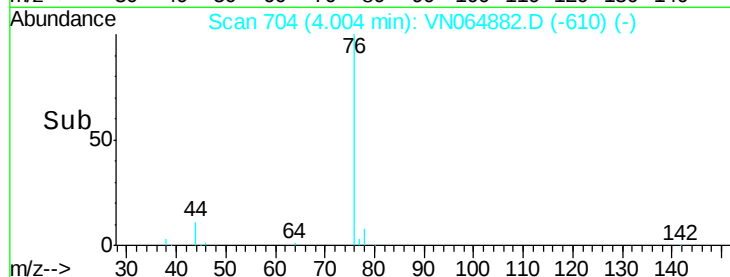
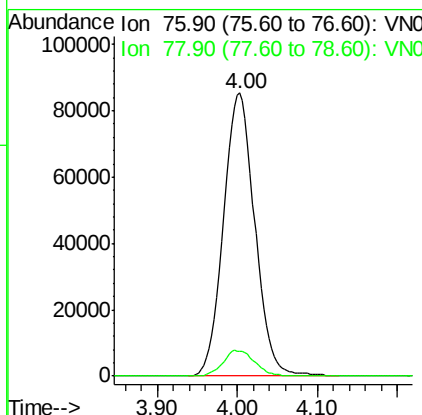
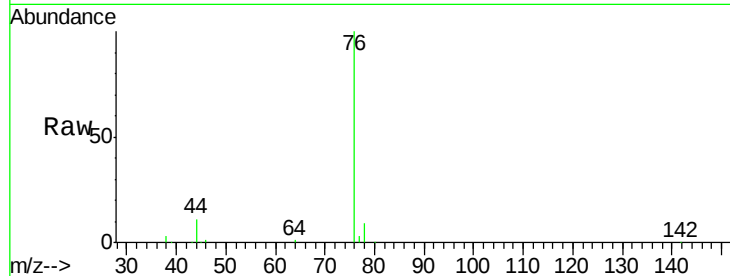
#17
Carbon Disulfide
Concen: 44.375 ug/l
RT: 4.00 min Scan# 704
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.7	7.4	11.0

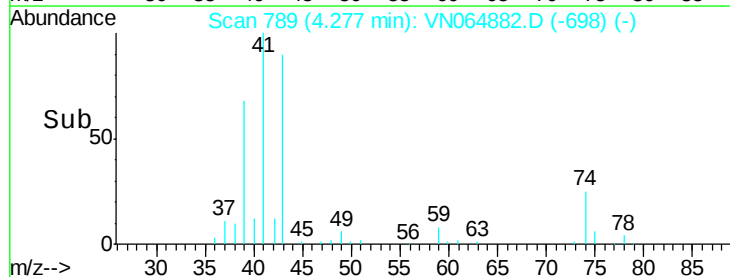
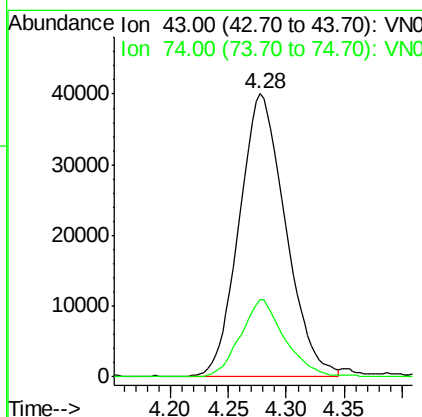
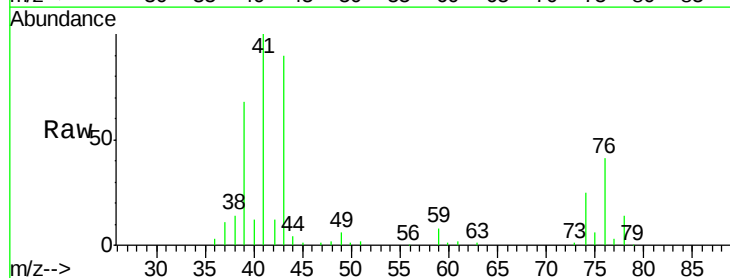
Manual Integrations
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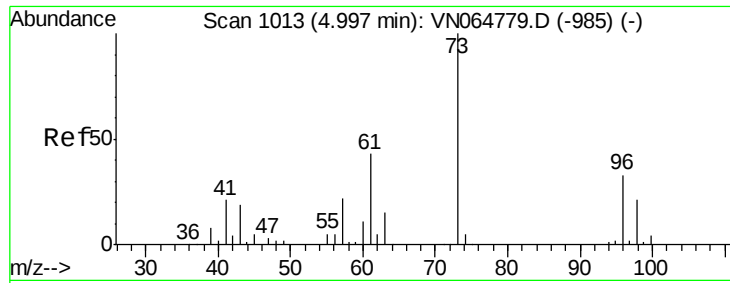
MMDadoda
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#18
Methyl Acetate
Concen: 47.120 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.01 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.8	20.2	30.2





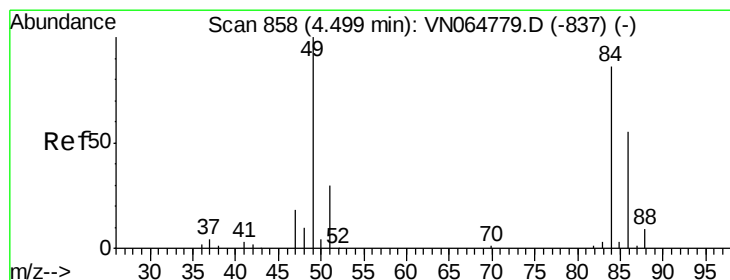
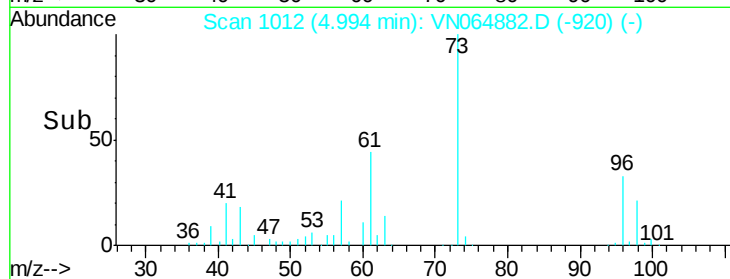
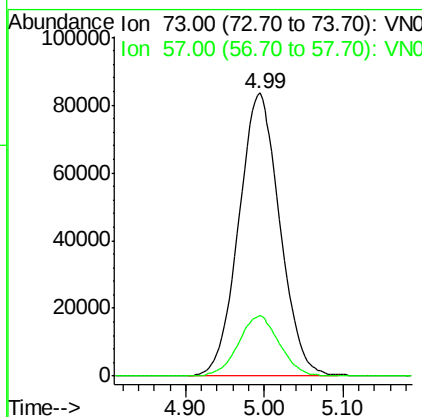
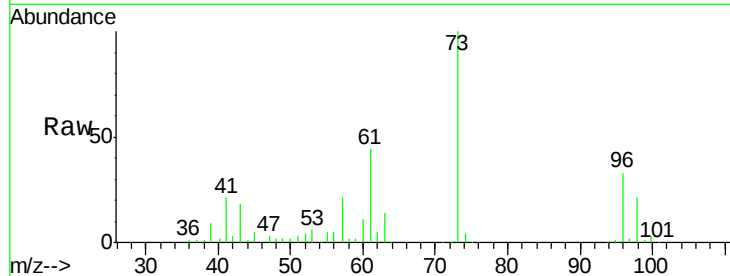
#19
Methvl tert-butvl Ether
Concen: 47.788 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 306492
Ion Ratio Lower Upper
73 100
57 21.4 17.4 26.0

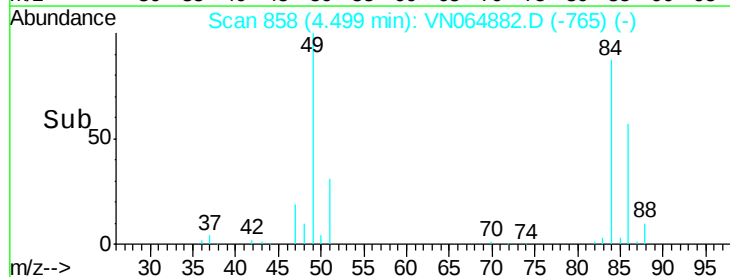
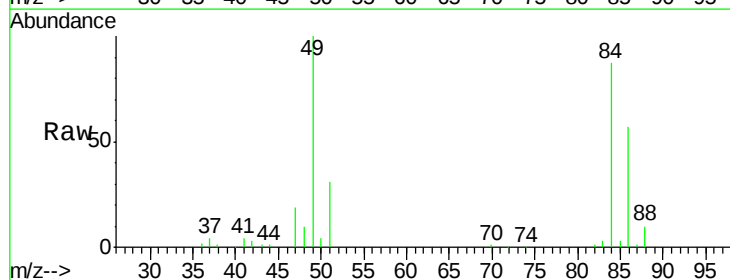
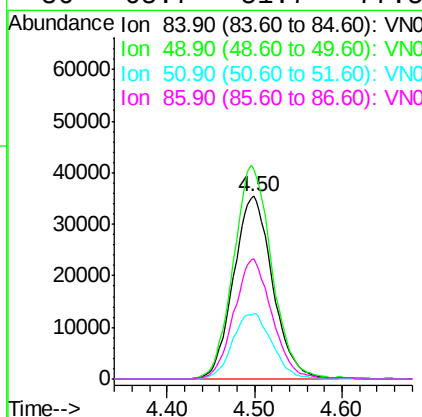
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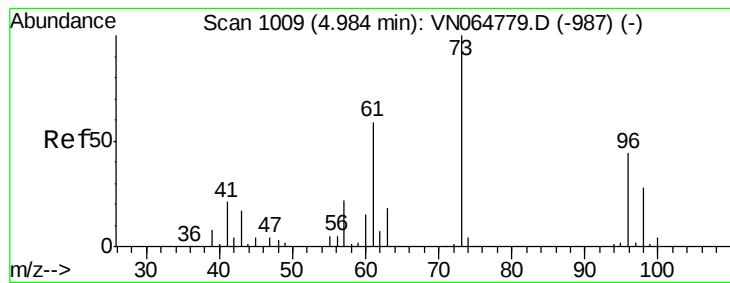
MMDadoda
12/2/2020 12:43:27 PM



#20
Methylene Chloride
Concen: 44.415 ug/l
RT: 4.50 min Scan# 858
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 84 Resp: 109687
Ion Ratio Lower Upper
84 100
49 114.9 93.4 140.0
51 36.0 28.2 42.4
86 65.7 51.7 77.5





#21

trans-1,2-Dichloroethene

Concen: 46.012 ug/l

RT: 4.98 min Scan# 1009

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 102179

Ion Ratio Lower Upper

96 100

61 137.3 108.4 162.6

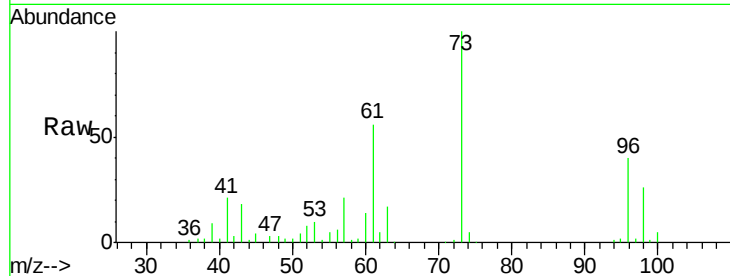
98 63.2 51.3 76.9

Manual Integrations

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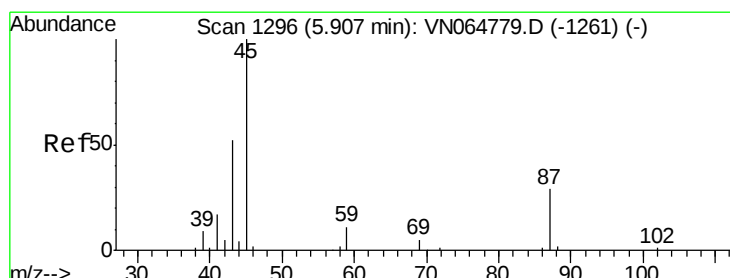
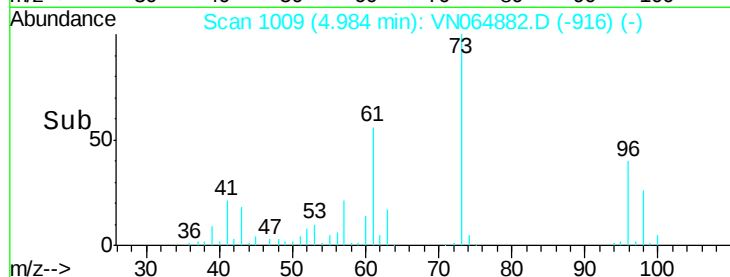
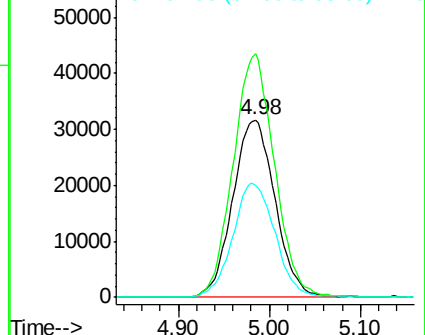


Abundance

Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0



#22

Diisopropyl ether

Concen: 48.440 ug/l

RT: 5.90 min Scan# 1294

Delta R.T. -0.01 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Tgt Ion: 45 Resp: 319786

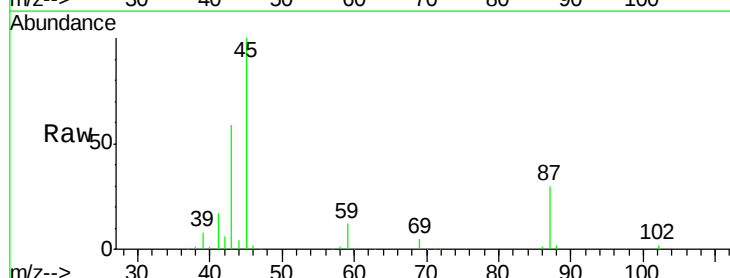
Ion Ratio Lower Upper

45 100

43 57.7 46.2 69.2

87 29.7 24.1 36.1

59 11.5 9.0 13.4



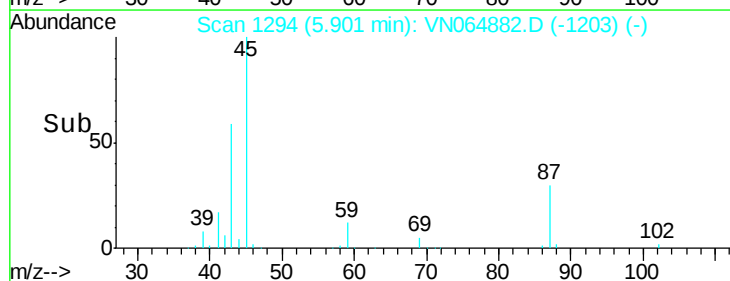
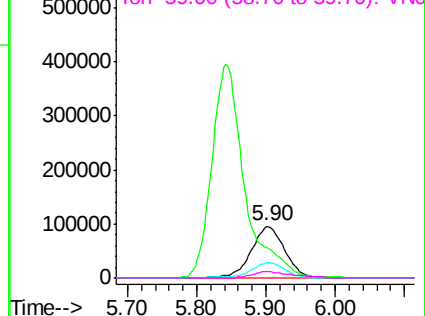
Abundance

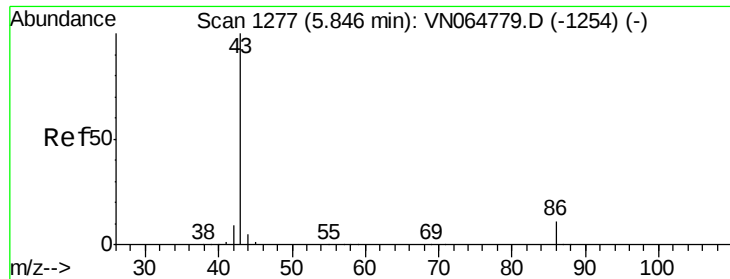
Ion 45.00 (44.70 to 45.70): VN0

Ion 43.00 (42.70 to 43.70): VN0

Ion 87.00 (86.70 to 87.70): VN0

Ion 59.00 (58.70 to 59.70): VN0





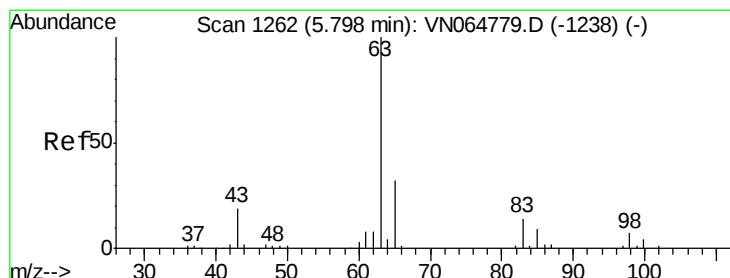
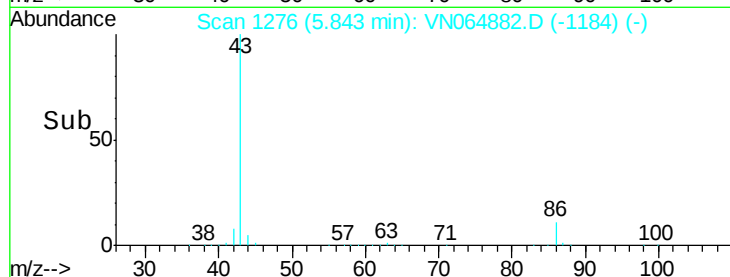
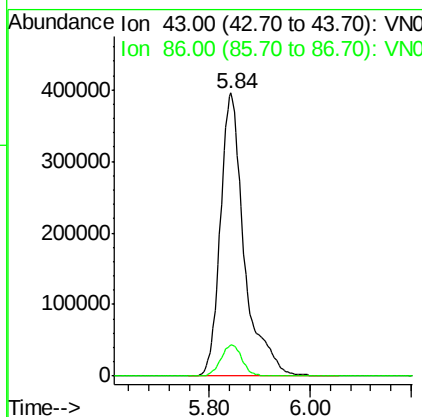
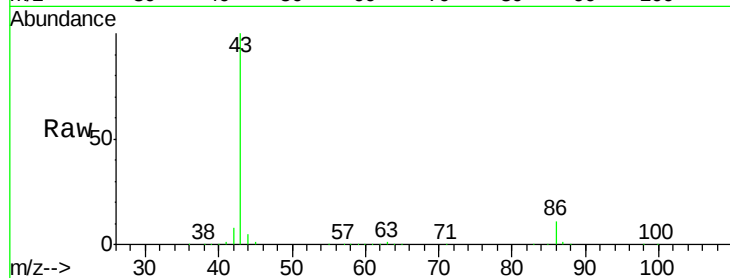
#23
 Vinyl Acetate
 Concen: 246.841 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1303128
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3

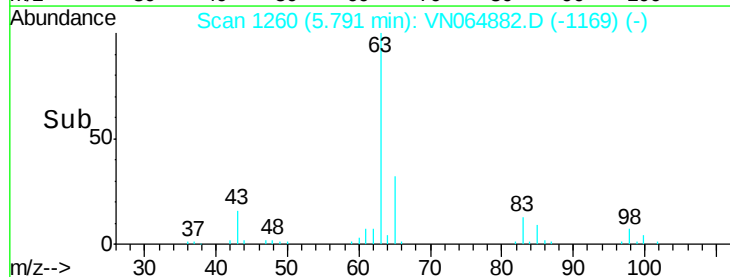
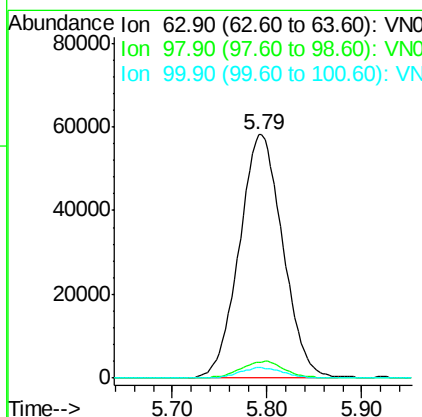
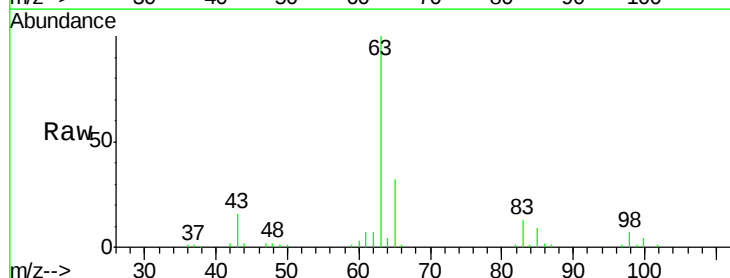
Manual Integrations
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MMDadoda
 12/2/2020 12:43:27 PM



#24
 1,1-Dichloroethane
 Concen: 47.018 ug/l
 RT: 5.79 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion: 63 Resp: 185506
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.4 2.3 6.8





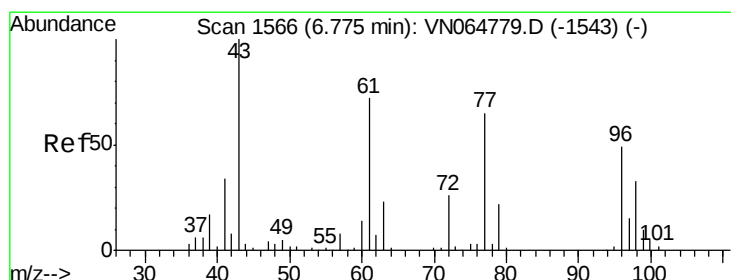
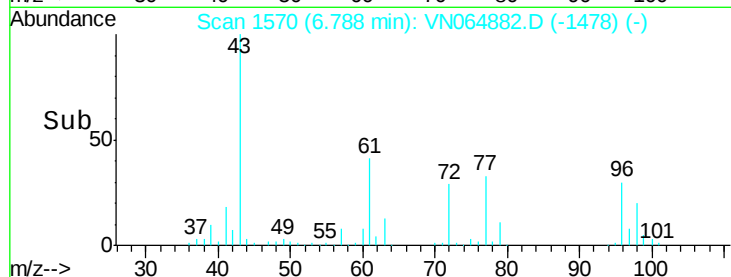
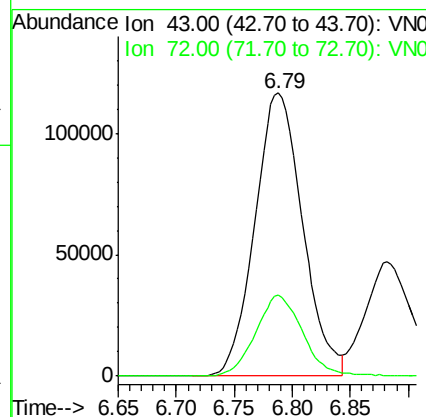
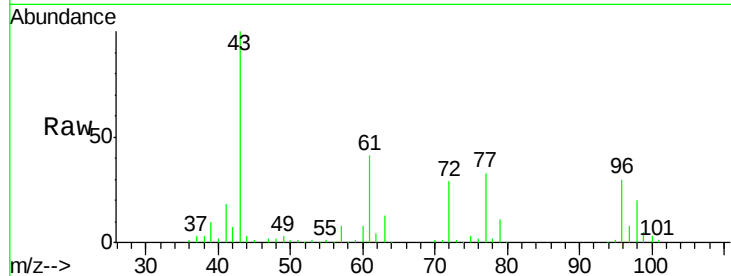
#25
2-Butanone
Concen: 261.387 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 333941
Ion Ratio Lower Upper
43 100
72 28.6 21.0 31.6

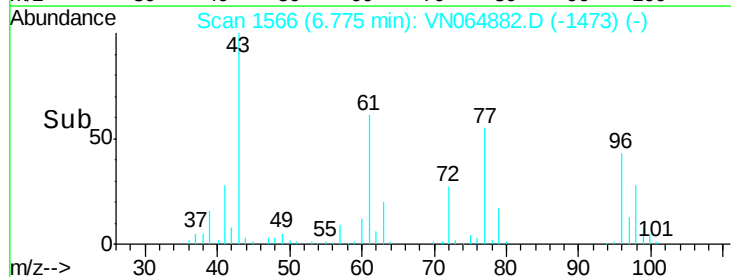
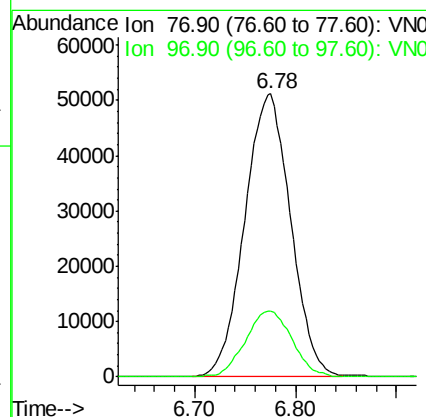
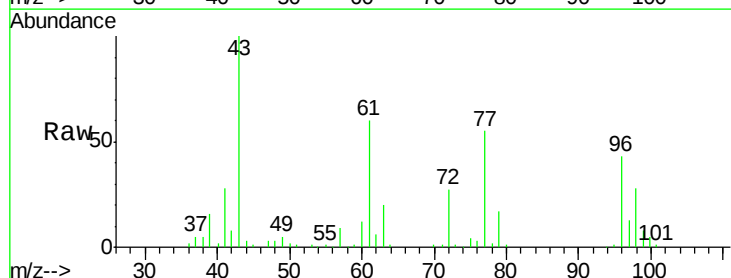
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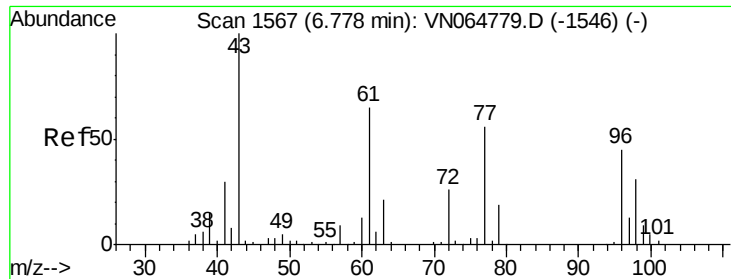
MMDadoda
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#26
2,2-Dichloropropane
Concen: 47.294 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 77 Resp: 161834
Ion Ratio Lower Upper
77 100
97 23.7 11.7 35.0





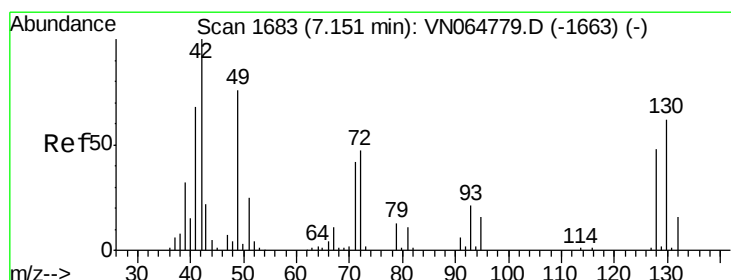
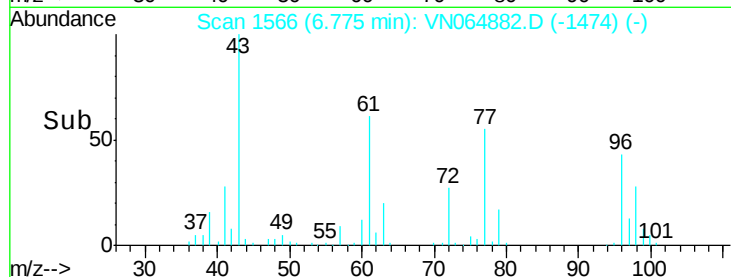
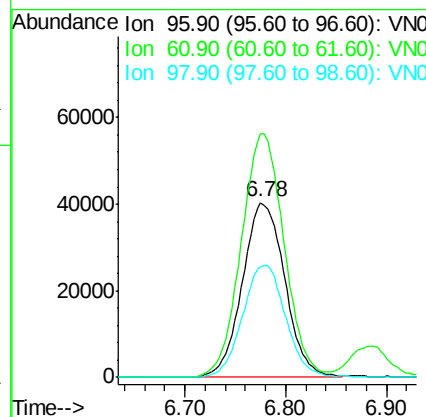
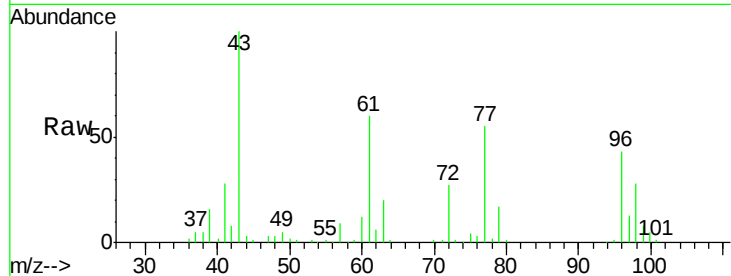
#27
 cis-1,2-Dichloroethene
 Concen: 47.106 ug/l
 RT: 6.78 min Scan# 1566
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	117712		
61	141.1	0.0	285.8	
98	64.7	0.0	130.6	

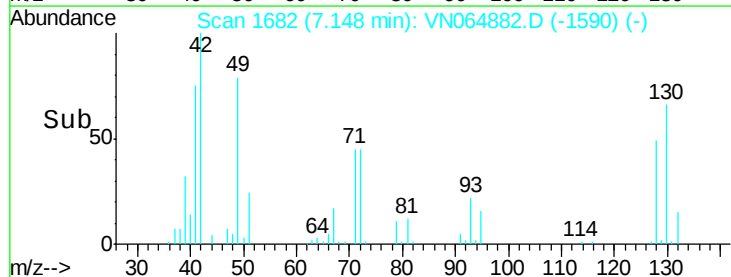
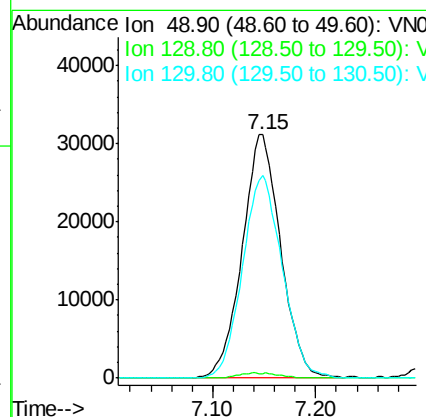
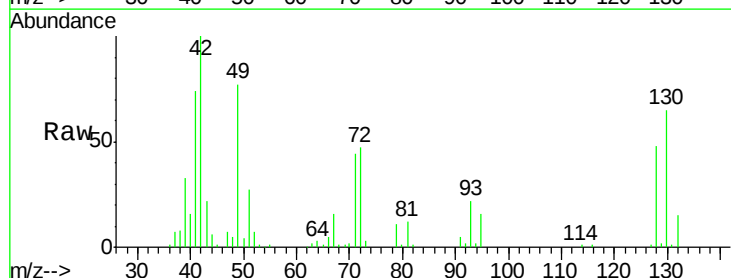
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#28
 Bromochloromethane
 Concen: 44.711 ug/l
 RT: 7.15 min Scan# 1682
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	80700		
129	2.2	0.0	3.8	
130	86.2	66.2	99.2	





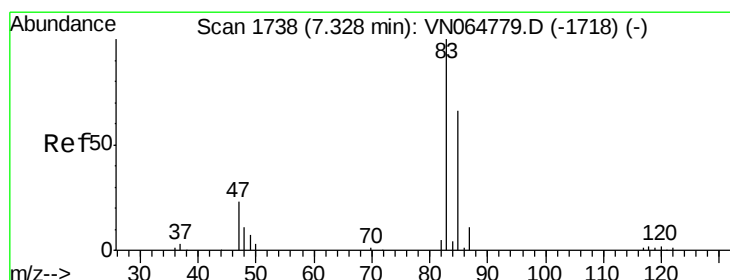
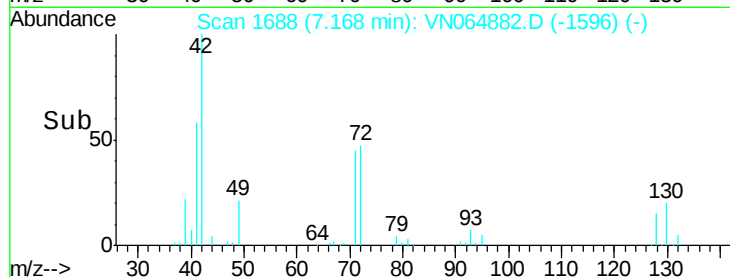
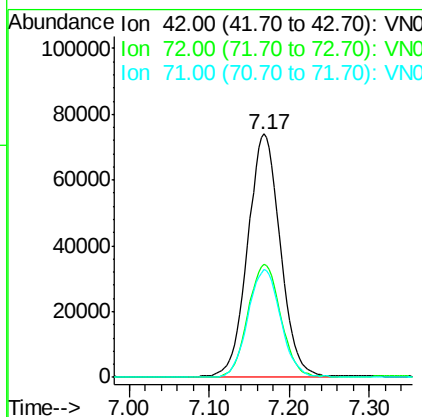
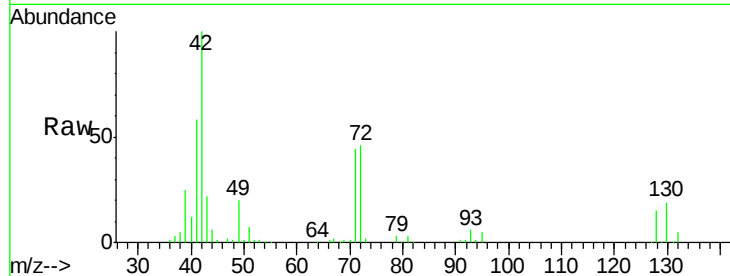
#29
Tetrahydrofuran
Concen: 234.797 ug/l
RT: 7.17 min Scan# 1688
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	36.6	54.8
71	44.1	33.6	50.4

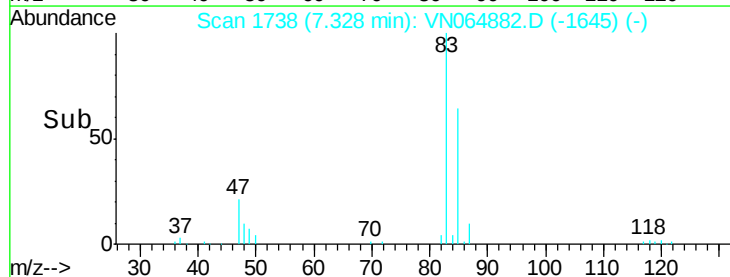
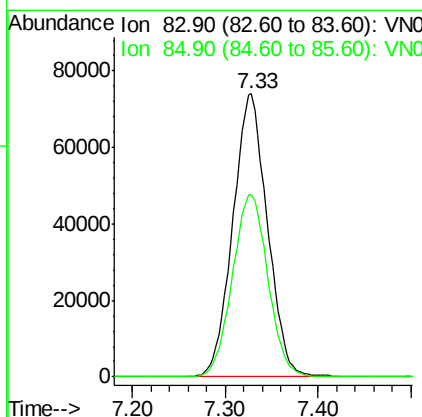
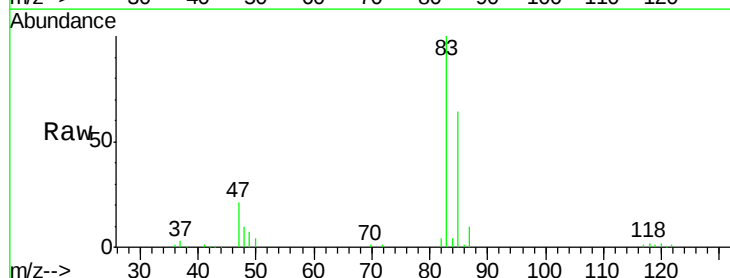
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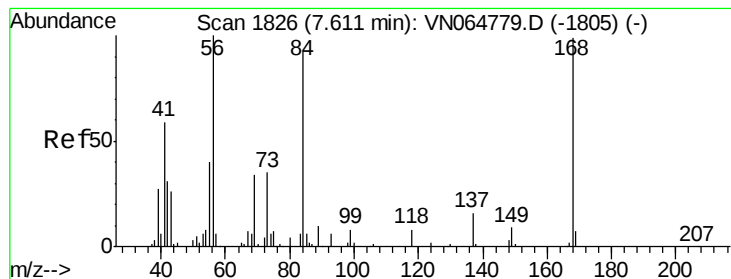
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#30
Chloroform
Concen: 47.042 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.6	78.8





#31

Cvclohexane

Concen: 44.988 ug/l

RT: 7.61 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 150326

Ion Ratio Lower Upper

56 100

69 35.5 27.5 41.3

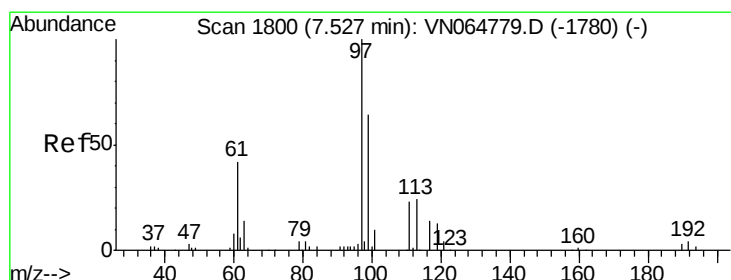
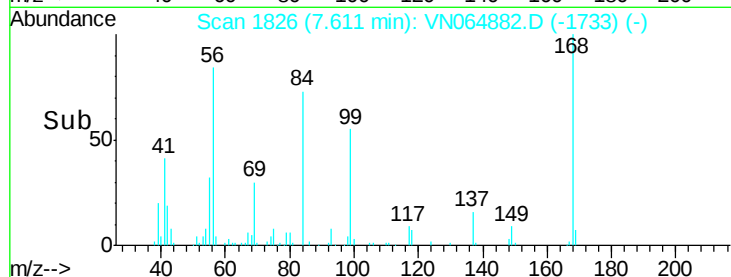
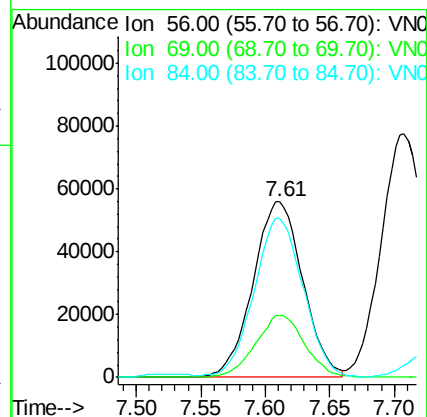
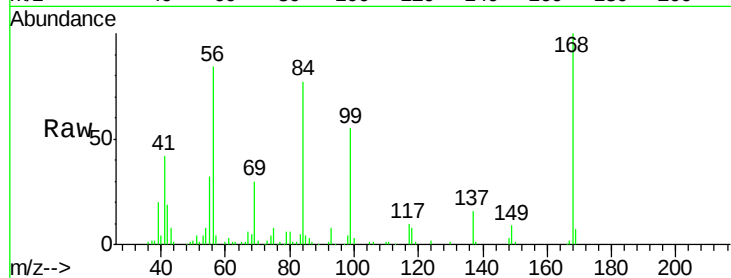
84 89.5 73.9 110.9

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#32

1,1,1-Trichloroethane

Concen: 47.194 ug/l

RT: 7.52 min Scan# 1799

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

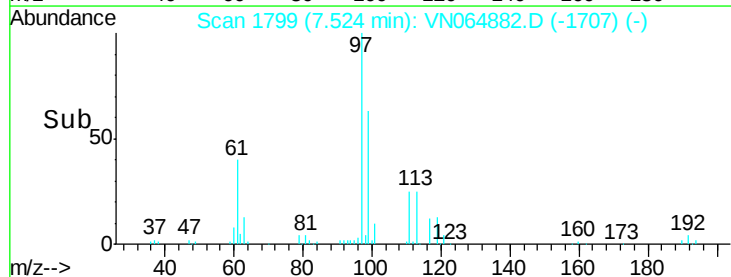
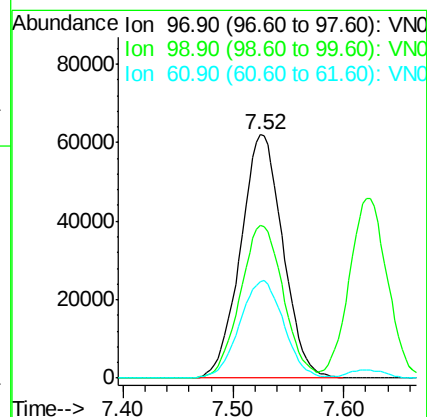
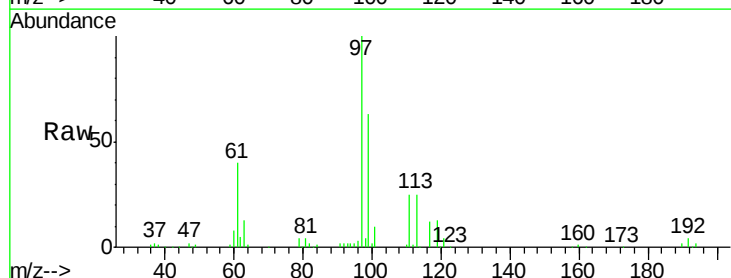
Tgt Ion: 97 Resp: 164919

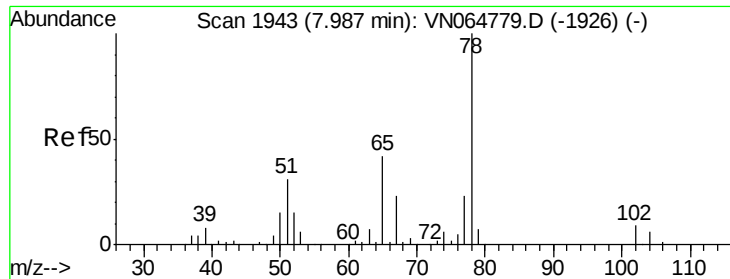
Ion Ratio Lower Upper

97 100

99 64.0 51.7 77.5

61 41.7 33.9 50.9





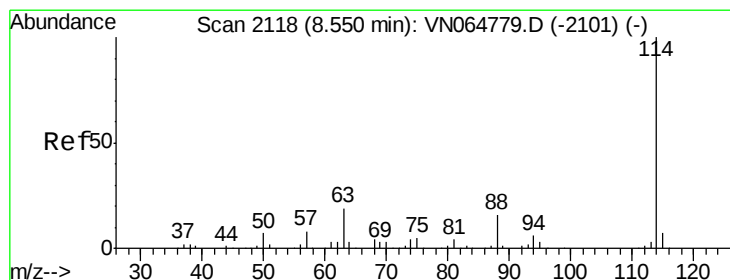
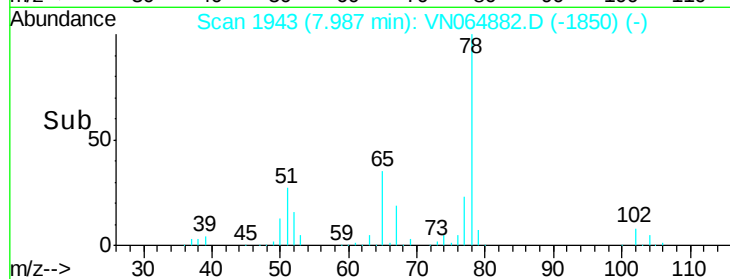
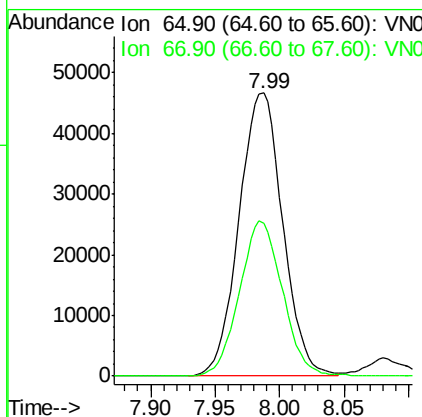
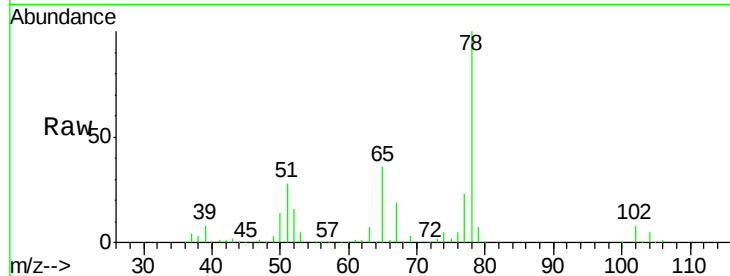
#33
 1,2-Dichloroethane-d4
 Concen: 45.970 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	110211		
67	53.8	0.0	108.2	

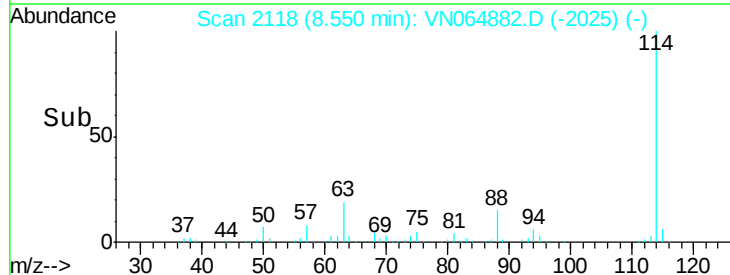
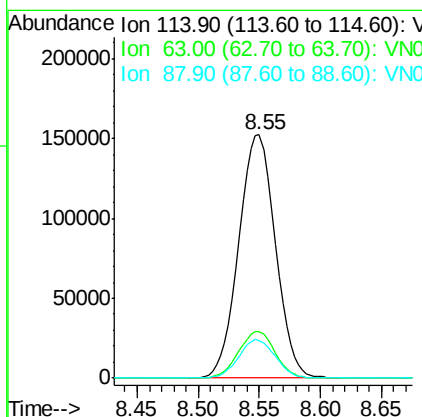
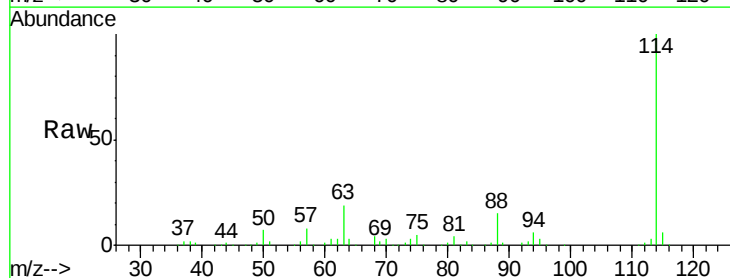
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	316827		
63	18.9	0.0	38.6	
88	15.4	0.0	32.6	





#35

Dibromofluoromethane

Concen: 49.264 ug/l

RT: 7.55 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

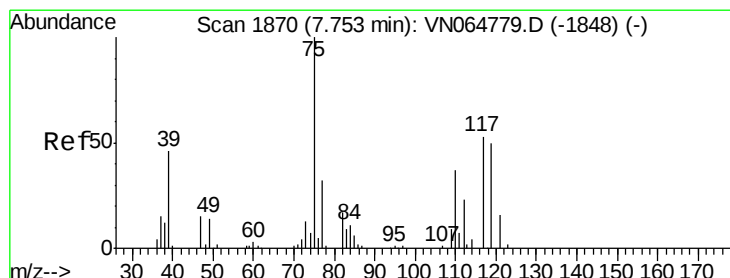
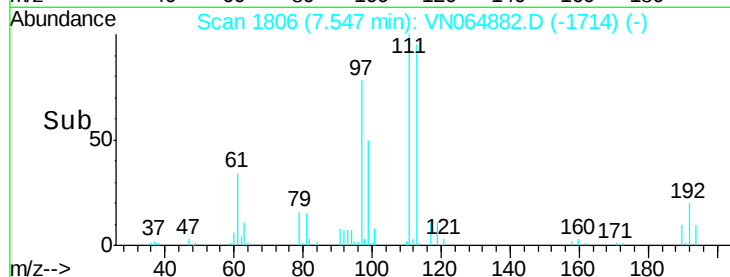
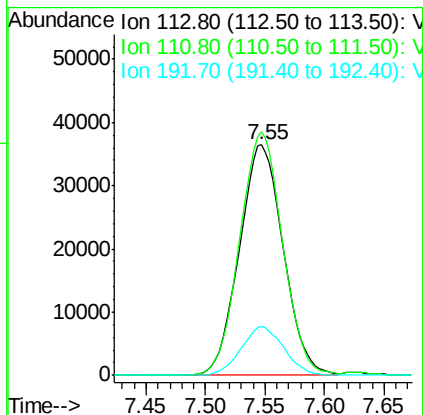
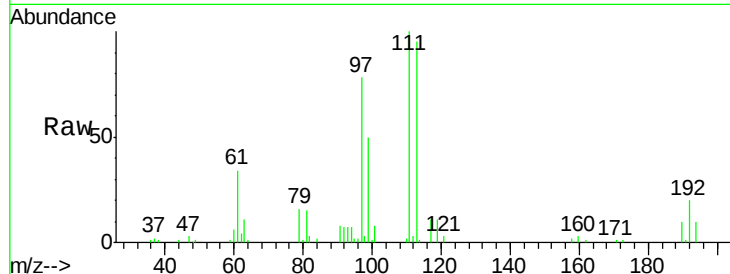
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	93395
Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.6	122.4
192	20.3	16.2	24.2

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#36

1,1-Dichloropropene

Concen: 48.076 ug/l

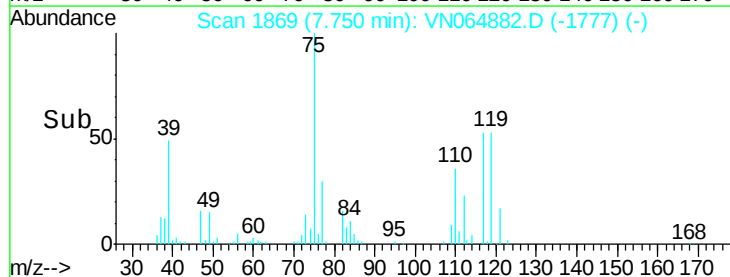
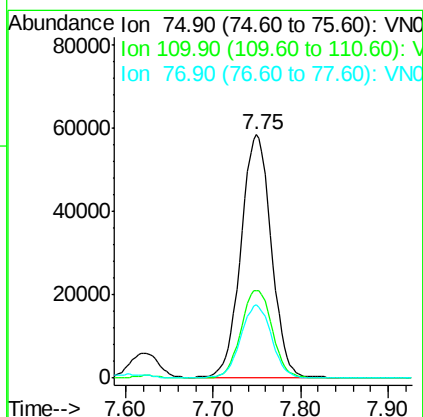
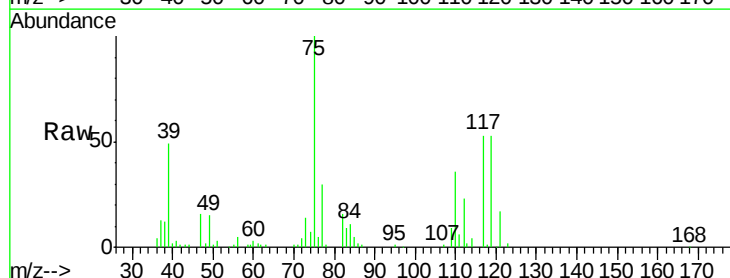
RT: 7.75 min Scan# 1869

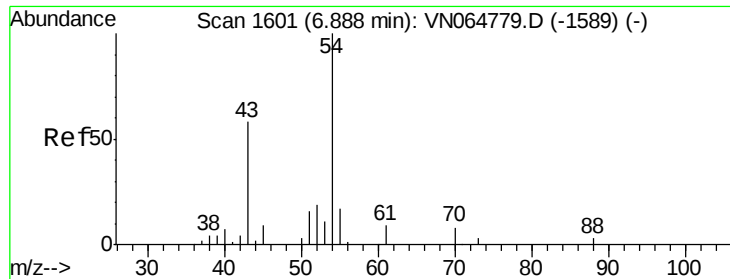
Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Tgt Ion:	75	Resp:	141184
Ion	Ratio	Lower	Upper
75	100		
110	36.8	17.8	53.3
77	30.5	25.0	37.4





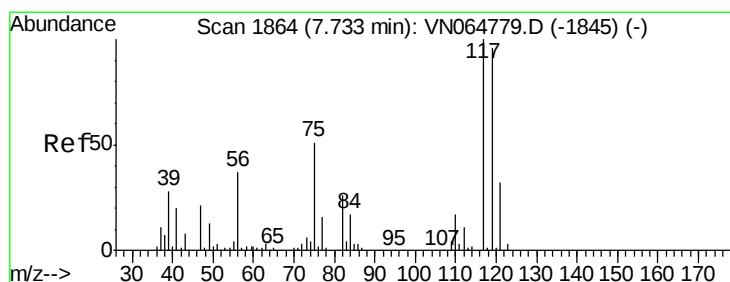
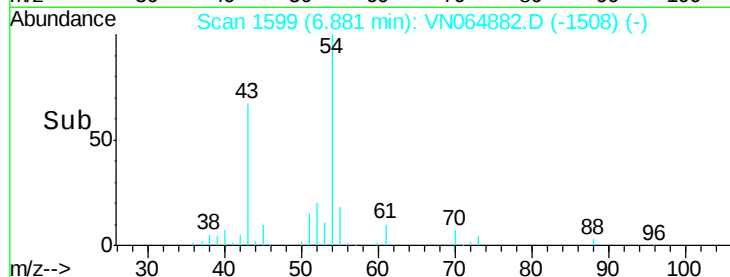
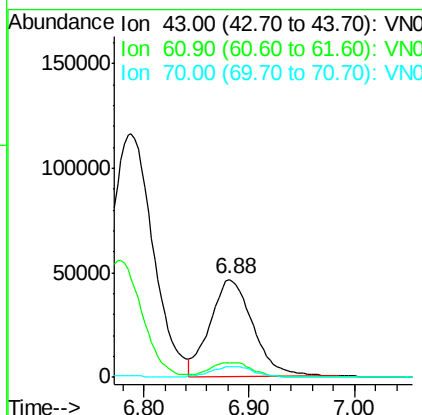
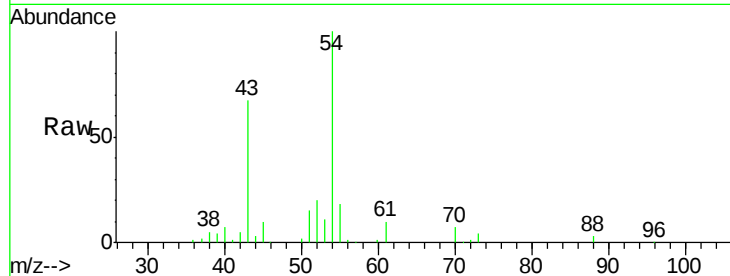
#37
Ethyl Acetate
Concen: 46.737 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.8	19.2
70	11.4	8.8	13.2

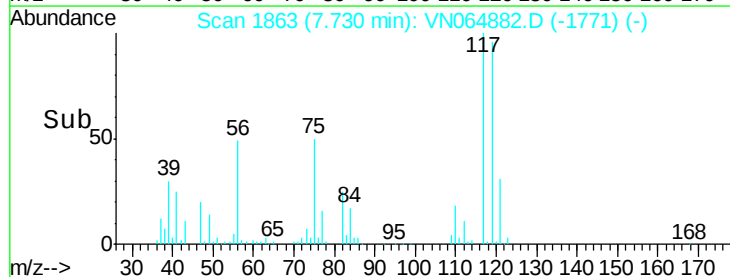
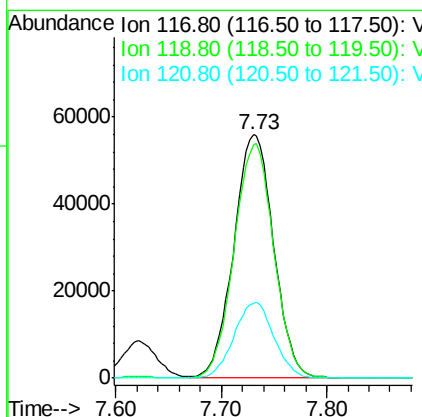
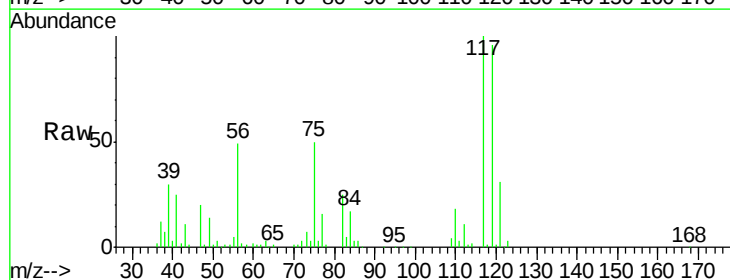
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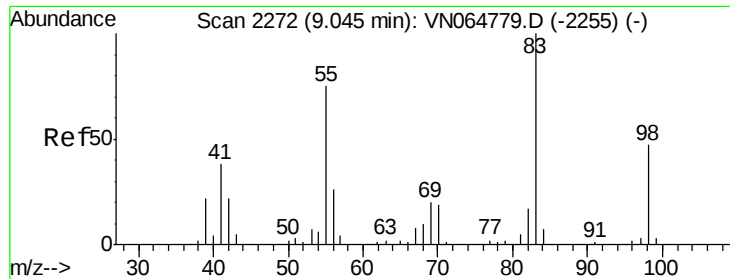
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#38
Carbon Tetrachloride
Concen: 48.165 ug/l
RT: 7.73 min Scan# 1863
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.8	76.7	115.1
121	30.9	25.4	38.2





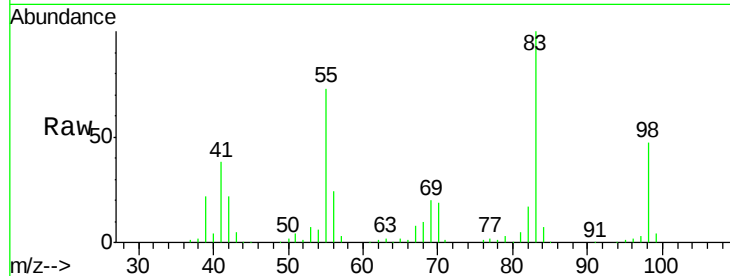
#39
Methvlcvclohexane
Concen: 49.204 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

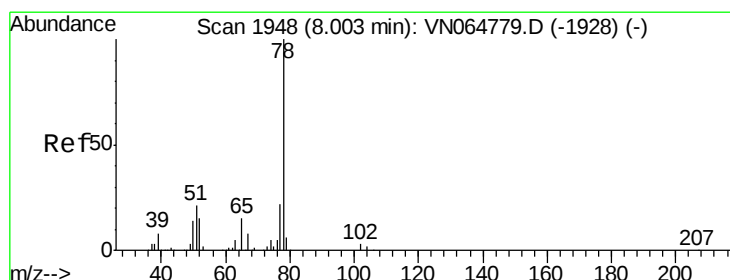
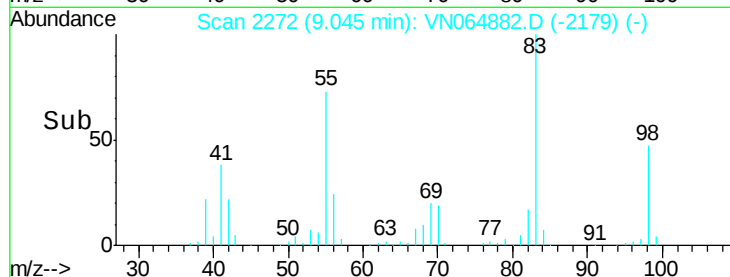
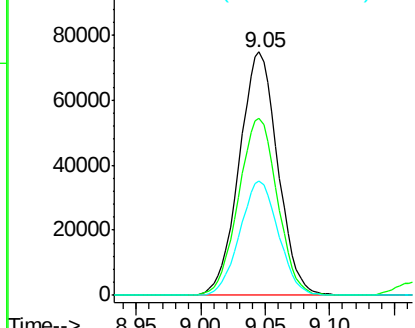
Tot Ion	Ratio	Lower	Upper
83	100		
55	72.9	60.2	90.2
98	46.9	37.4	56.2

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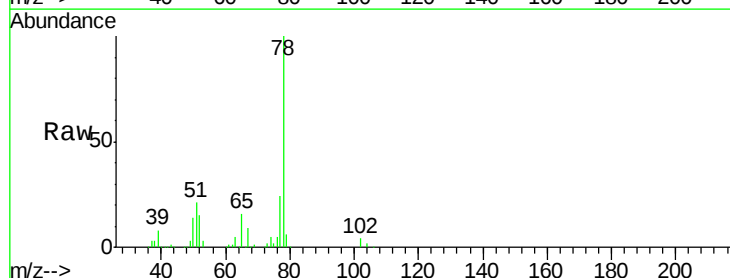


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

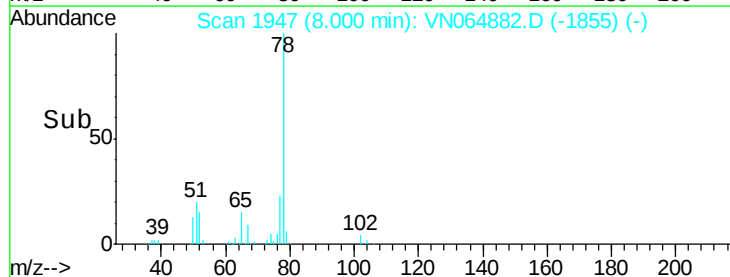
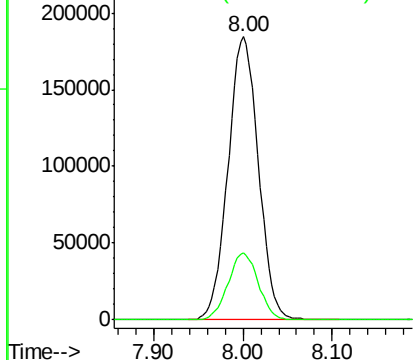


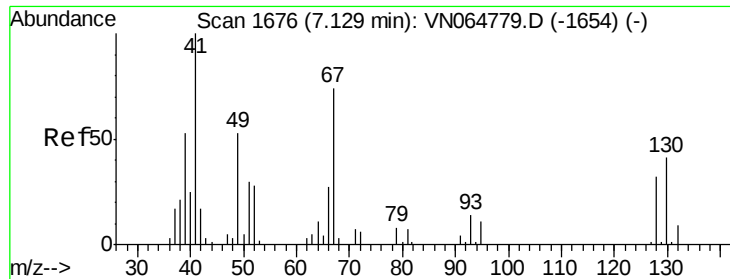
#40
Benzene
Concen: 48.370 ug/l
RT: 8.00 min Scan# 1947
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	17.9	26.9



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





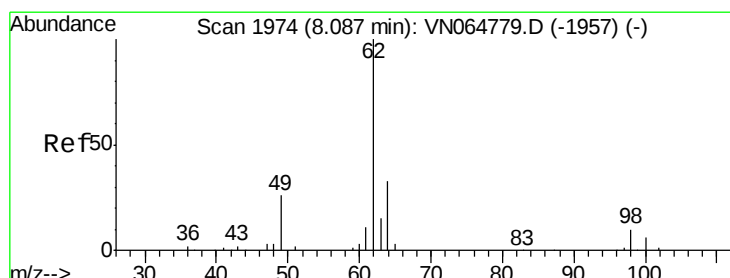
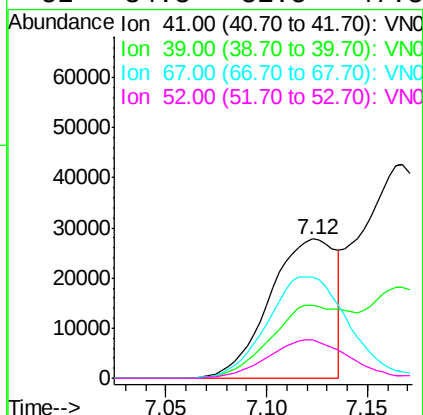
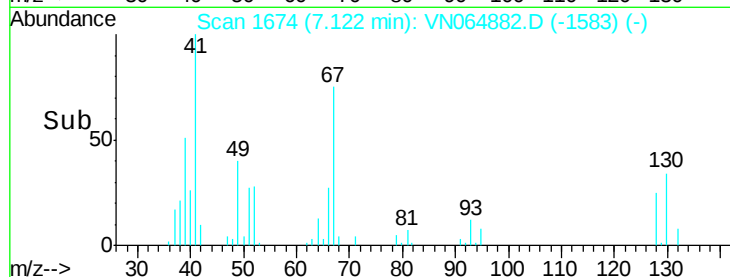
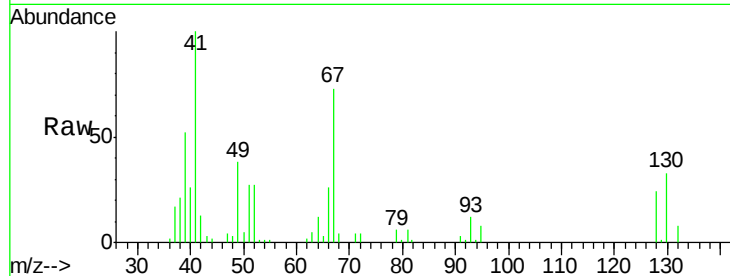
#41
Methacrylonitrile
Concen: 48.528 ug/l
RT: 7.12 min Scan# 1674
Delta R.T. -0.01 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:	41	Resp:	63342
Ion	Ratio	Lower	Upper
41	100		
39	63.8	51.0	76.6
67	89.9	79.8	119.8
52	34.3	31.5	47.3

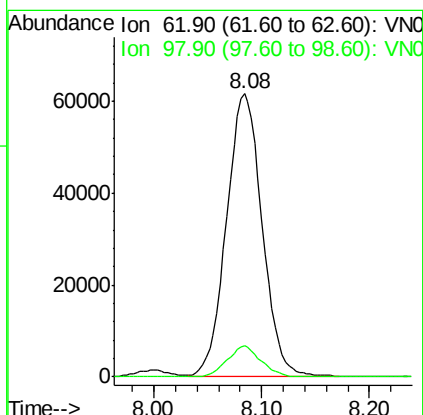
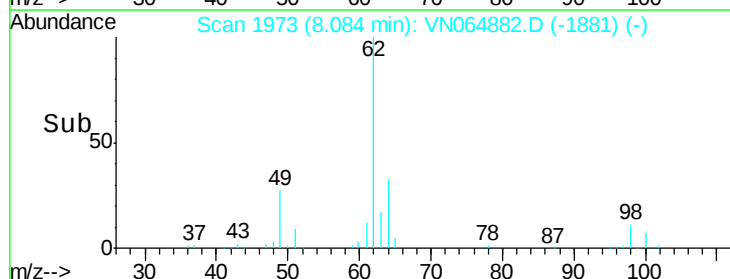
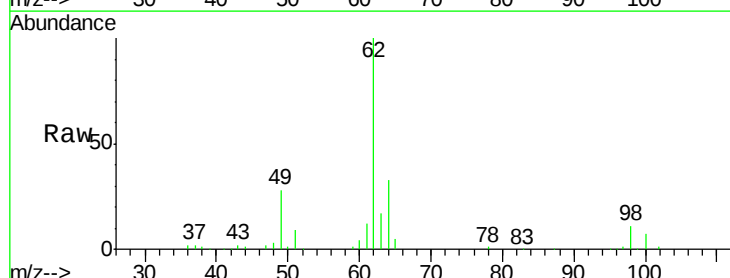
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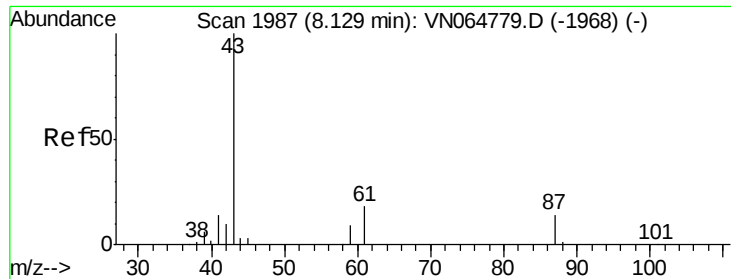
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#42
1,2-Dichloroethane
Concen: 46.543 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion:	62	Resp:	141293
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	19.6





#43

Isopropyl Acetate

Concen: 47.422 ug/l

RT: 8.13 min Scan# 1986

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

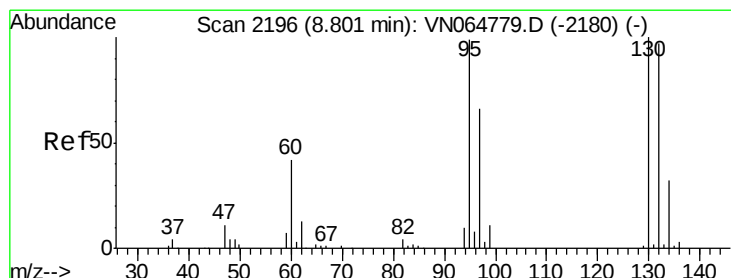
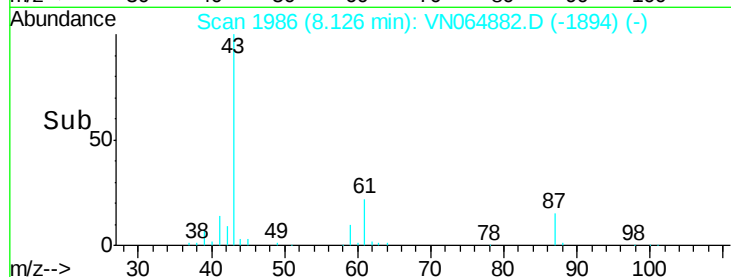
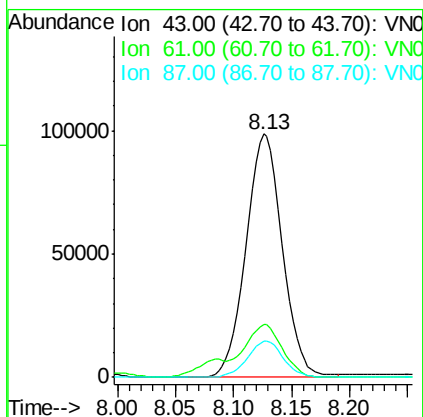
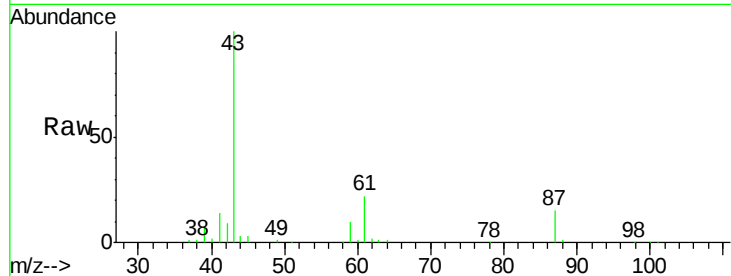
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	215861
Ion Ratio	Lower	Upper	
43	100		
61	22.2	17.2	25.8
87	14.5	11.4	17.0

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#44

Trichloroethene

Concen: 47.661 ug/l

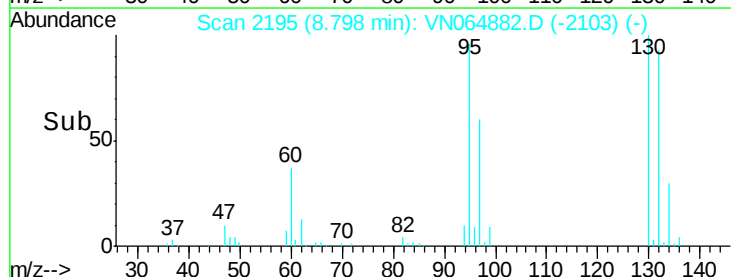
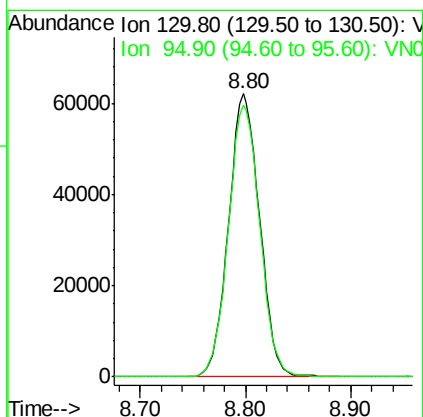
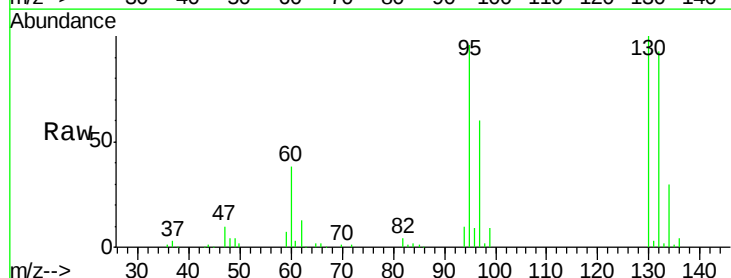
RT: 8.80 min Scan# 2195

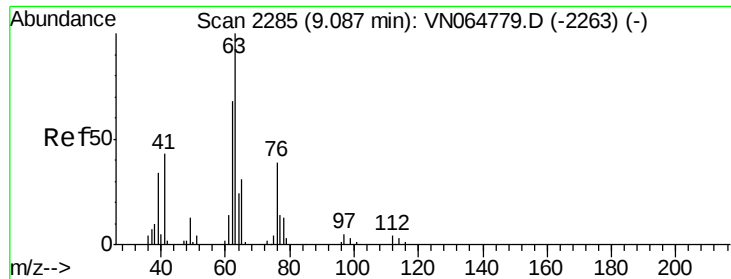
Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Tgt Ion:	130	Resp:	126547
Ion Ratio	Lower	Upper	
130	100		
95	95.9	0.0	197.8





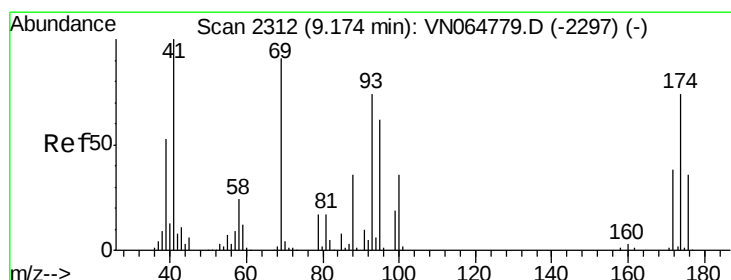
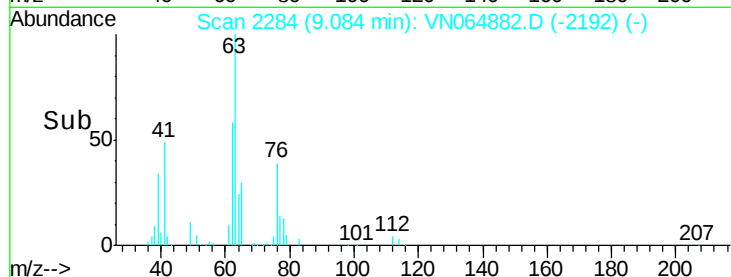
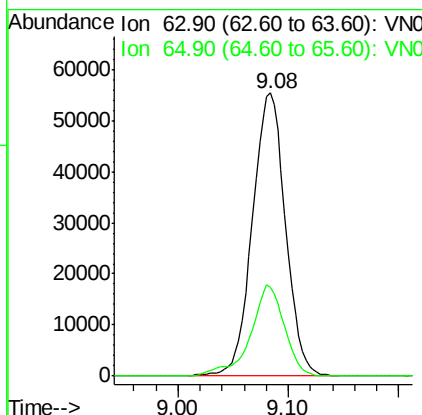
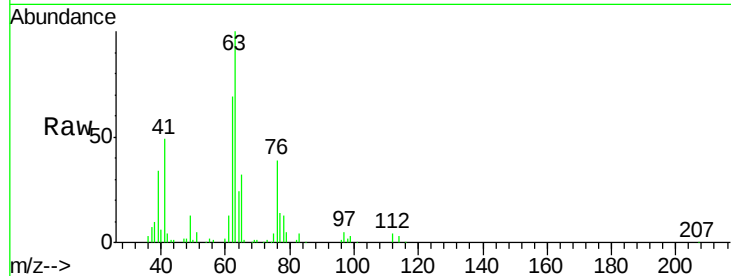
#45
 1,2-Dichloropropane
 Concen: 49.327 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 114954
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.0 37.4

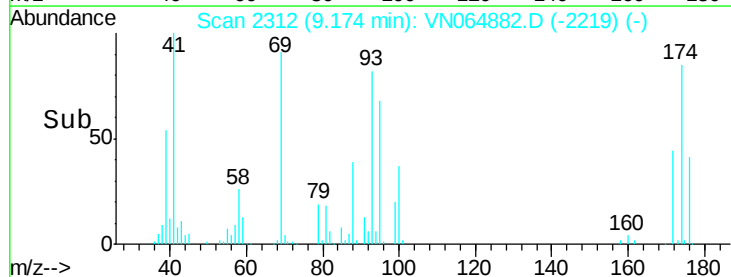
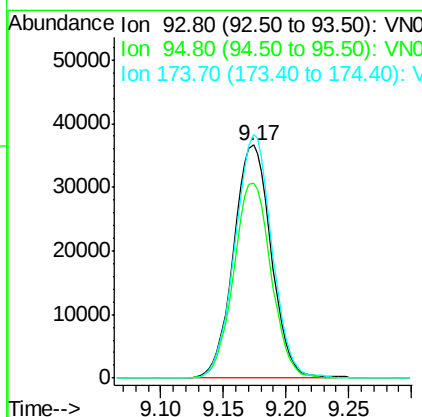
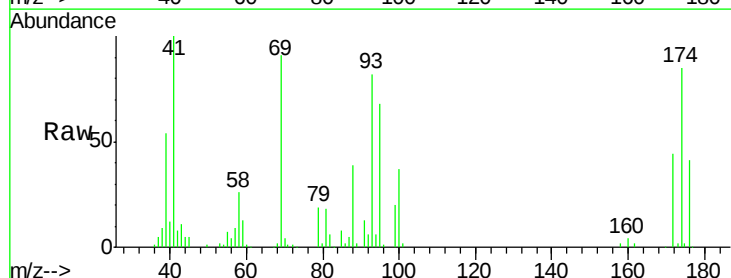
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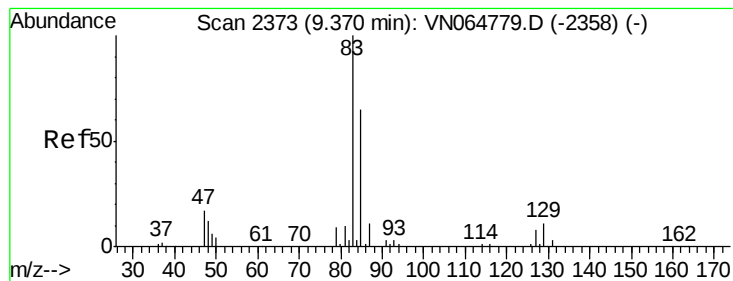
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#46
 Dibromomethane
 Concen: 49.116 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion: 93 Resp: 76468
 Ion Ratio Lower Upper
 93 100
 95 83.0 68.8 103.2
 174 102.4 83.1 124.7





#47

Bromodichloromethane

Concen: 48.183 ug/l

RT: 9.37 min Scan# 2372

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

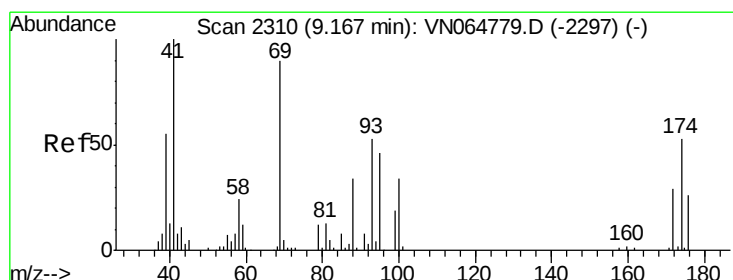
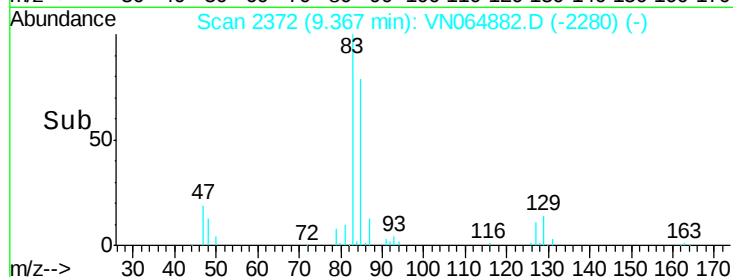
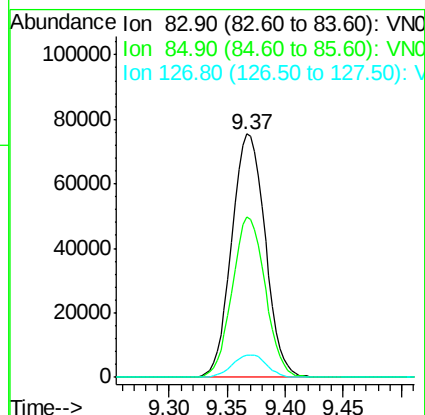
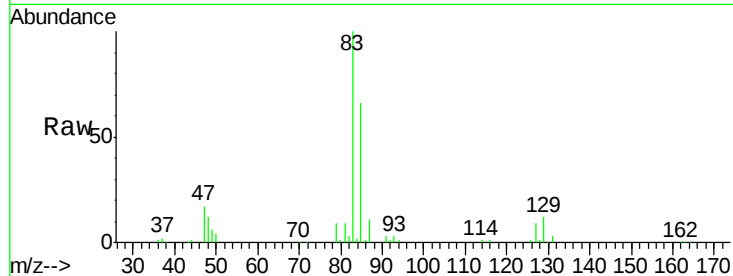
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	150940
Ion Ratio	Lower	Upper	
83	100		
85	66.1	51.8	77.8
127	9.2	6.8	10.2

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.136 ug/l

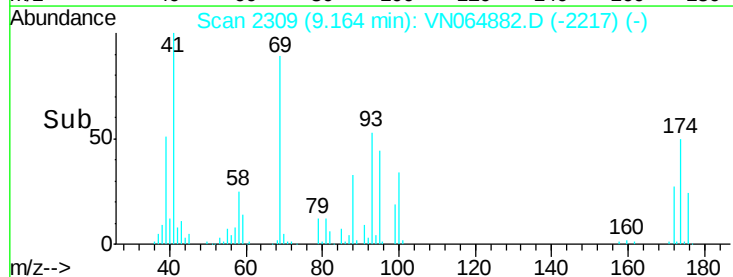
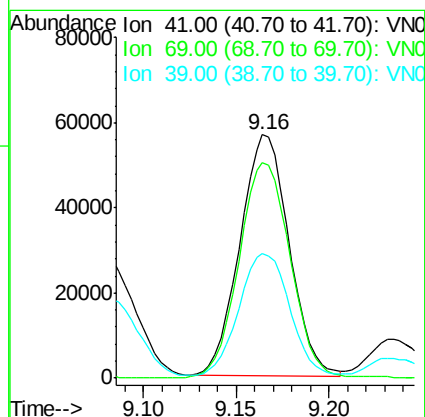
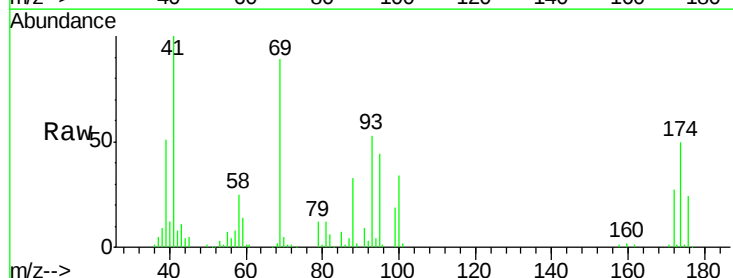
RT: 9.16 min Scan# 2309

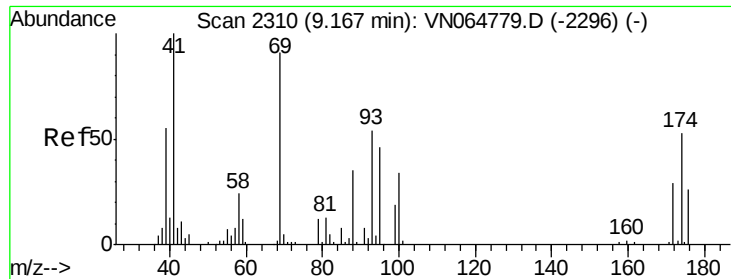
Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Tgt Ion:	41	Resp:	104698
Ion Ratio	Lower	Upper	
41	100		
69	93.7	71.8	107.8
39	54.8	44.1	66.1





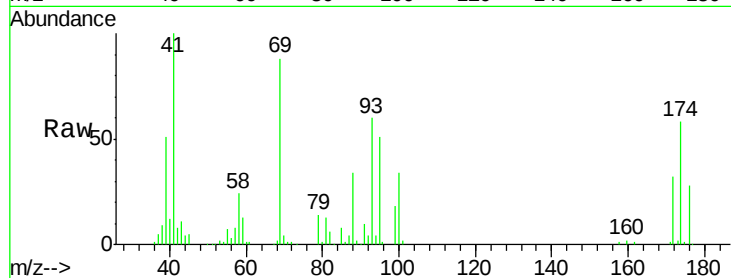
#49
1,4-Dioxane
Concen: 984.699 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	40480
Ion	Ratio	Lower	Upper
88	100		
43	31.4	24.2	36.4
58	70.2	52.5	78.7

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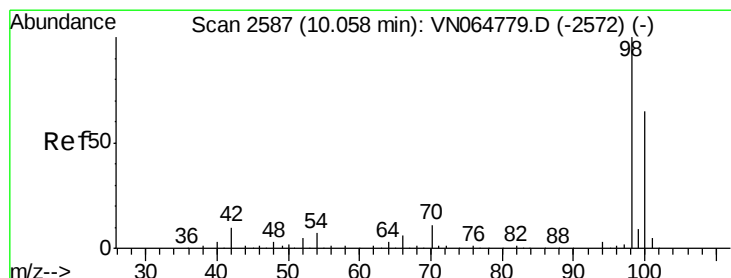
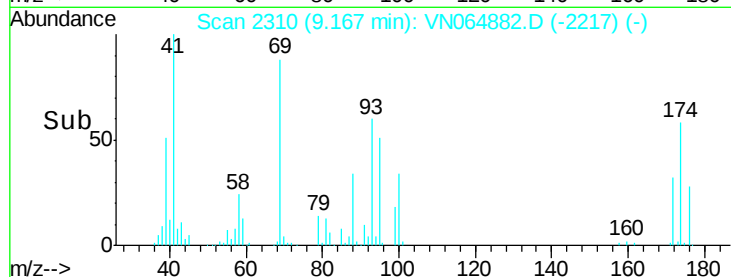
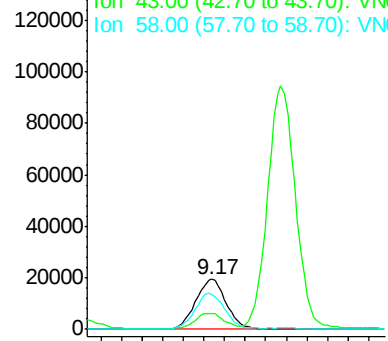


Abundance

Ion 88.00 (87.70 to 88.70): VN064779.D (-2296) (-)

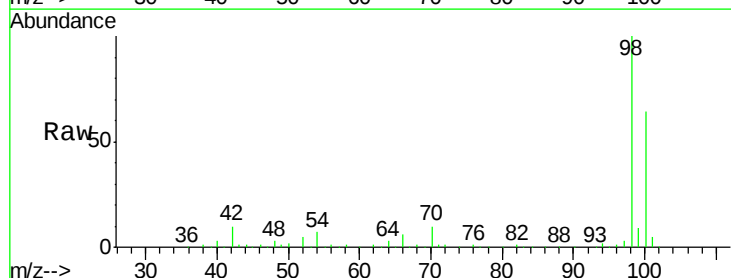
Ion 43.00 (42.70 to 43.70): VN064779.D (-2296) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2296) (-)



#50
Toluene-d8
Concen: 47.942 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

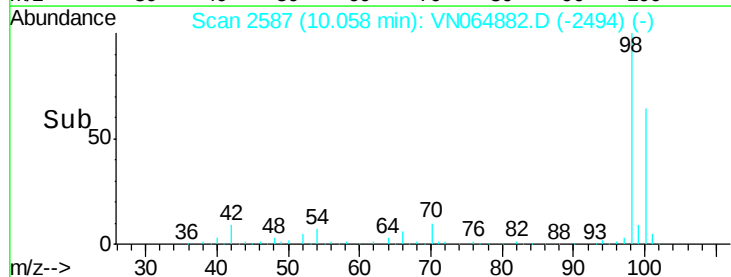
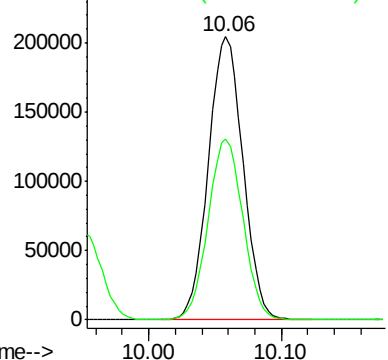
Tgt Ion	98	Resp	371364
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.7	77.5



Abundance

Ion 98.00 (97.70 to 98.70): VN064779.D (-2572) (-)

Ion 100.00 (99.70 to 100.70): VN064779.D (-2572) (-)





#51

4-Methyl-2-Pentanone

Concen: 247.463 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 676246

Ion Ratio Lower Upper

43 100

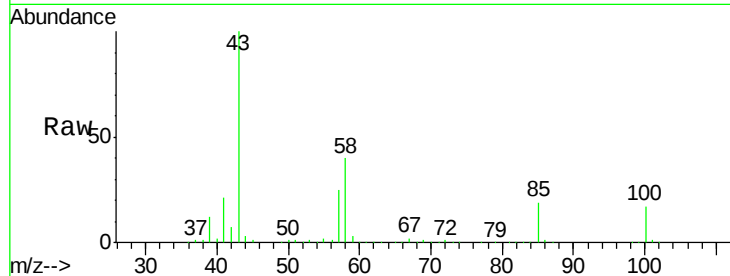
58 40.6 32.4 48.6

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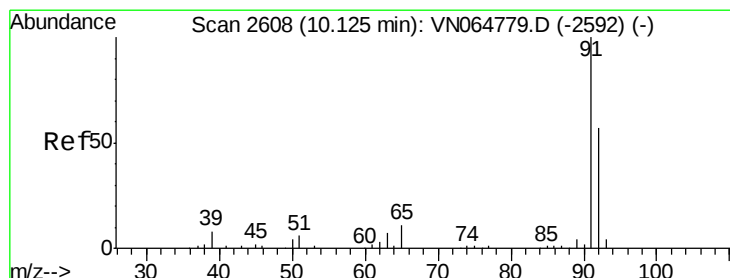
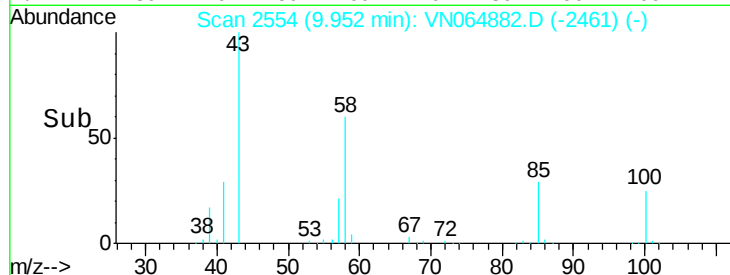
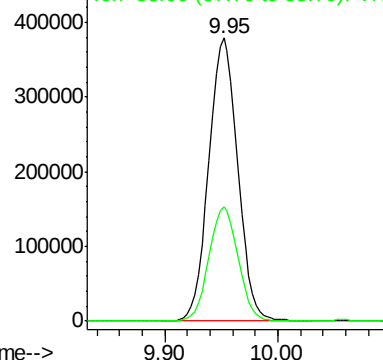
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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 49.282 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN064882.D

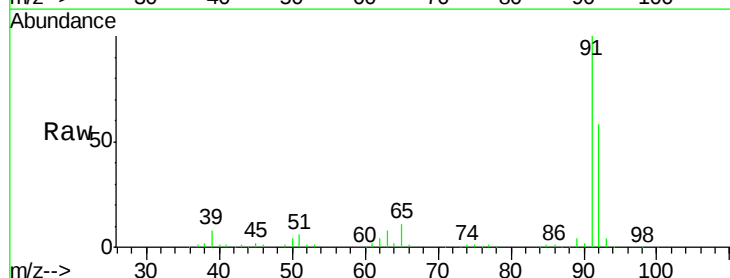
Acq: 1 Dec 2020 15:14

Tgt Ion: 92 Resp: 273118

Ion Ratio Lower Upper

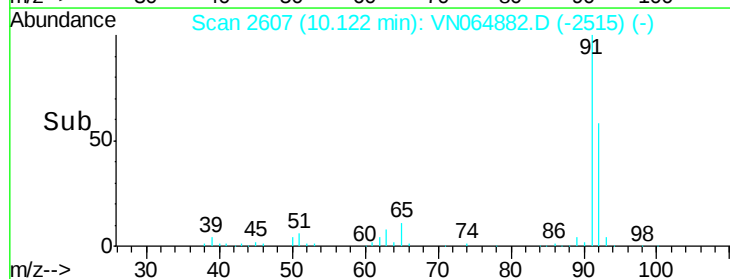
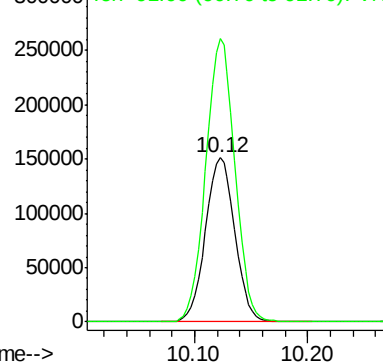
92 100

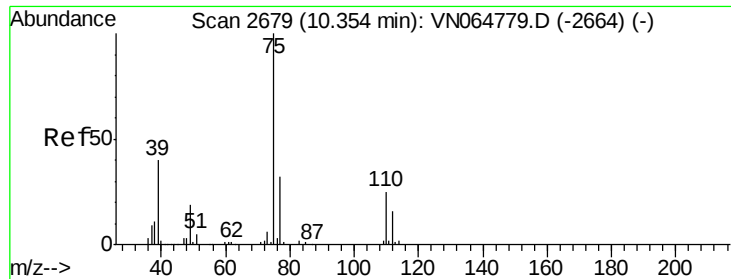
91 171.3 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0





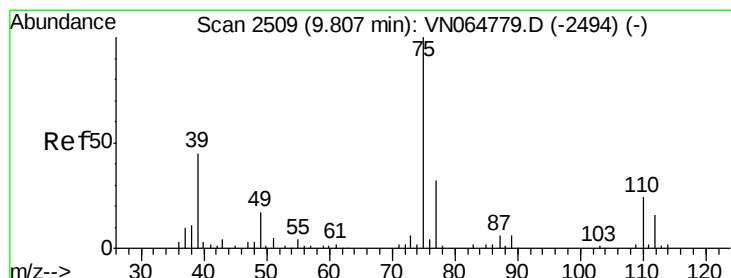
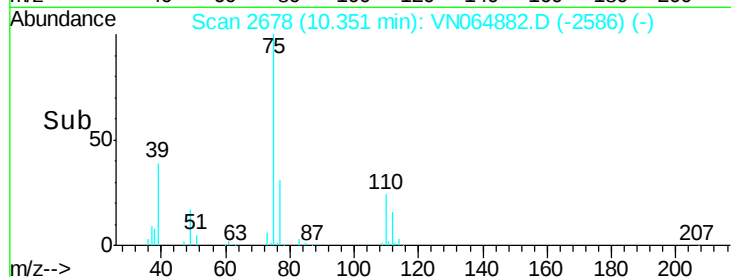
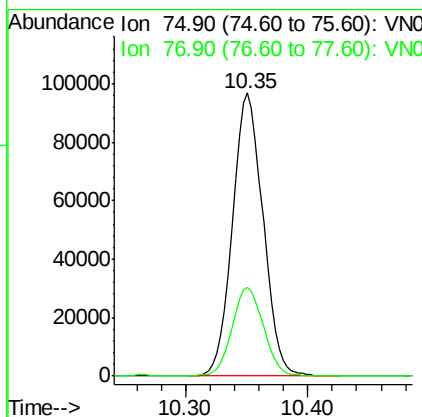
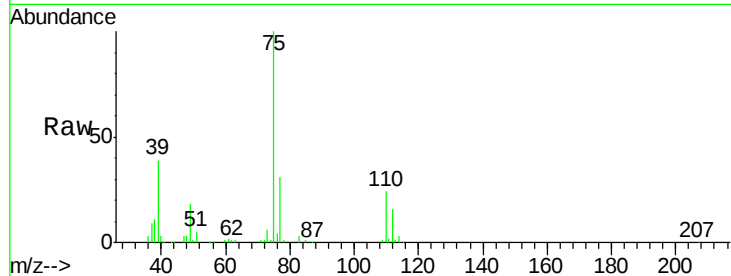
#53
t-1,3-Dichloropropene
Concen: 48.354 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 168713
Ion Ratio Lower Upper
75 100
77 31.2 25.8 38.6

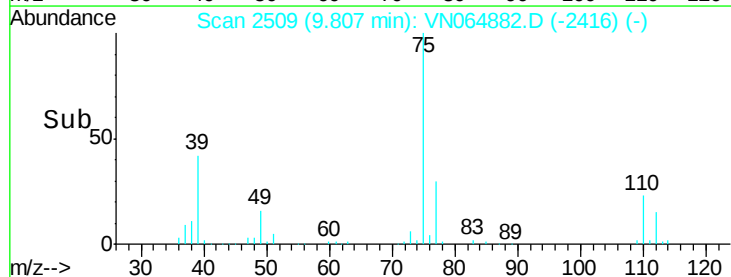
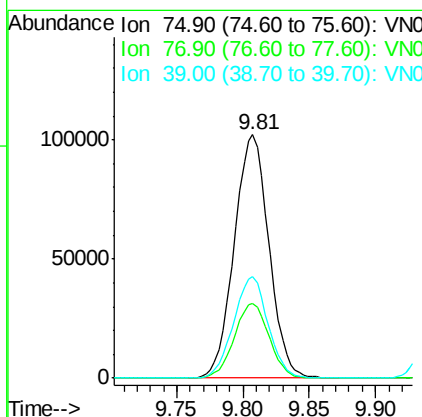
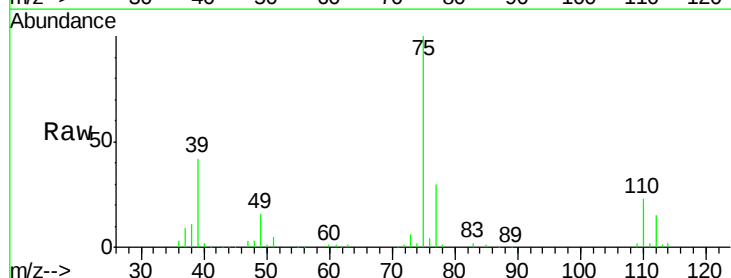
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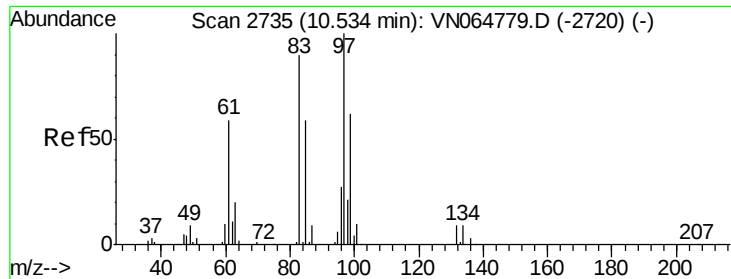
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#54
cis-1,3-Dichloropropene
Concen: 49.805 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 75 Resp: 186266
Ion Ratio Lower Upper
75 100
77 30.4 25.5 38.3
39 41.6 35.6 53.4





#55

1,1,2-Trichloroethane

Concen: 48.714 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

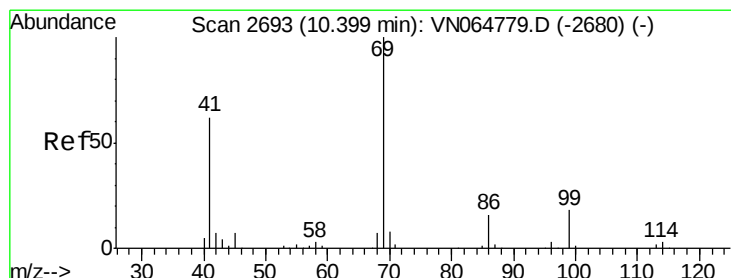
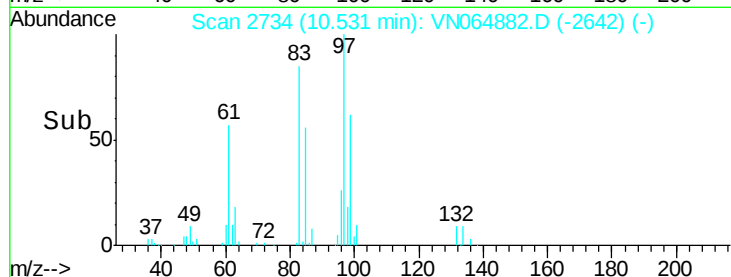
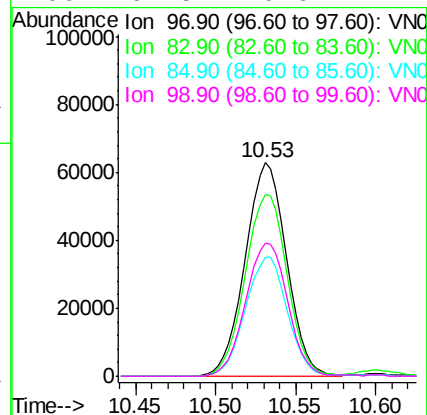
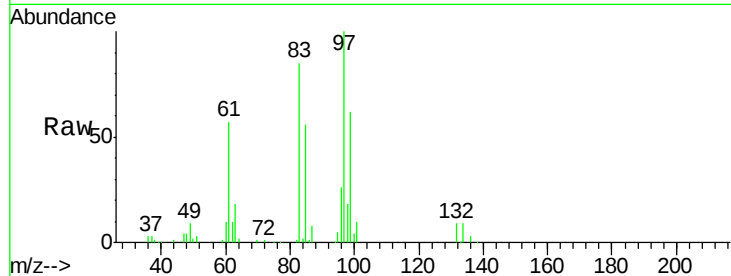
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	111014
Ion	Ratio	Lower	Upper
97	100		
83	85.0	72.1	108.1
85	55.7	46.8	70.2
99	62.5	49.6	74.4

Manual Integrations
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#56

Ethyl methacrylate

Concen: 49.663 ug/l

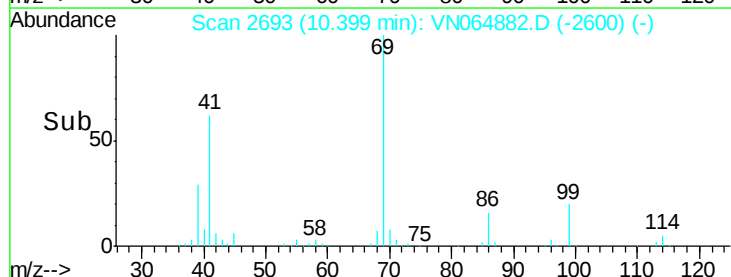
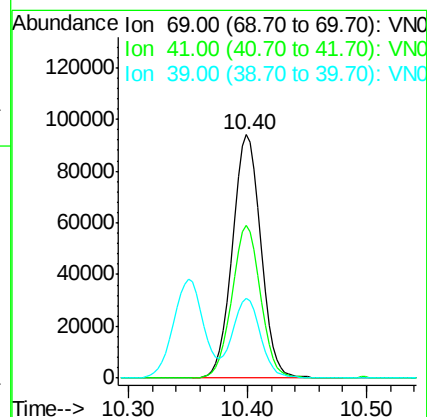
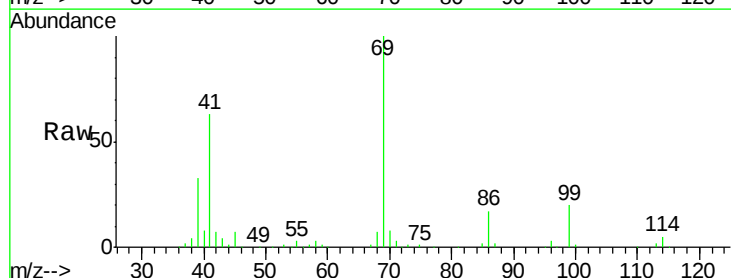
RT: 10.40 min Scan# 2693

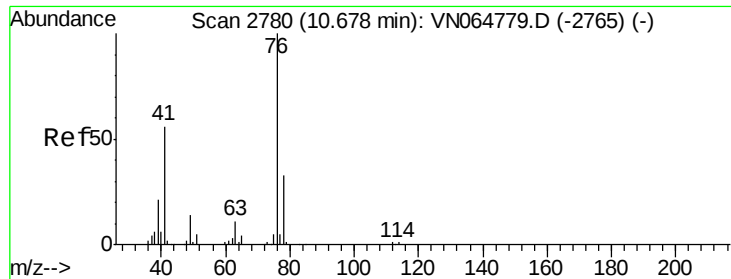
Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Tgt Ion:	69	Resp:	156179
Ion	Ratio	Lower	Upper
69	100		
41	62.2	49.4	74.0
39	31.9	25.9	38.9





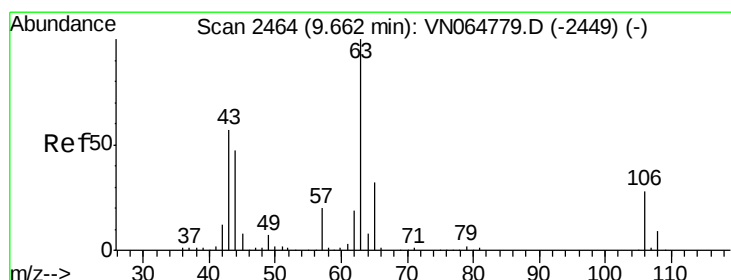
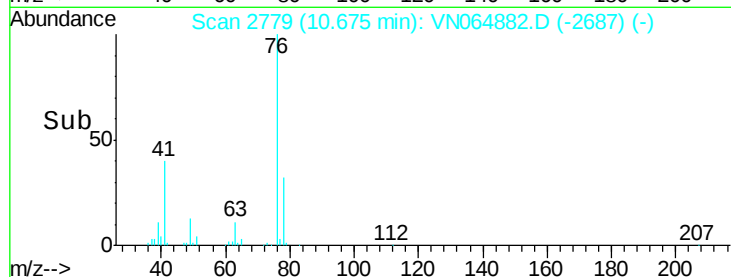
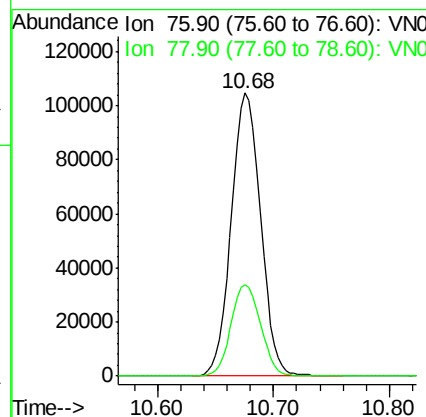
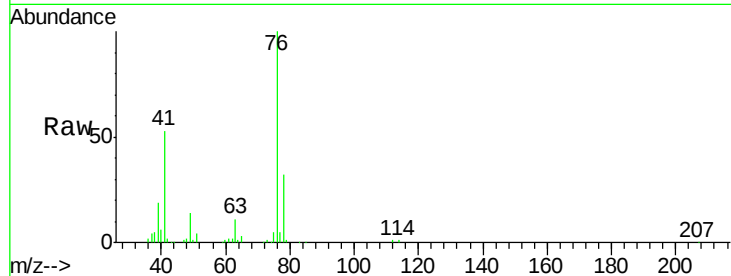
#57
 1,3-Dichloropropane
 Concen: 48.894 ug/l
 RT: 10.68 min Scan# 2779
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 183802
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1

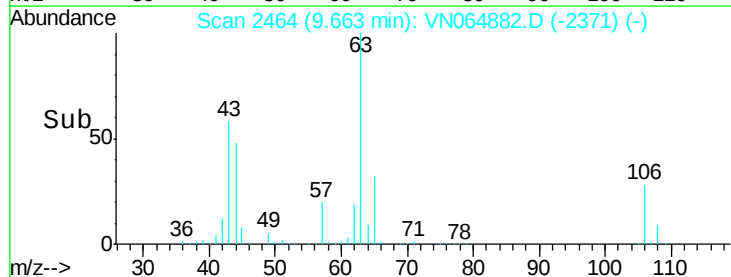
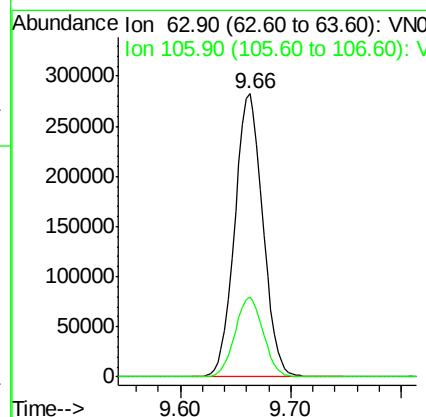
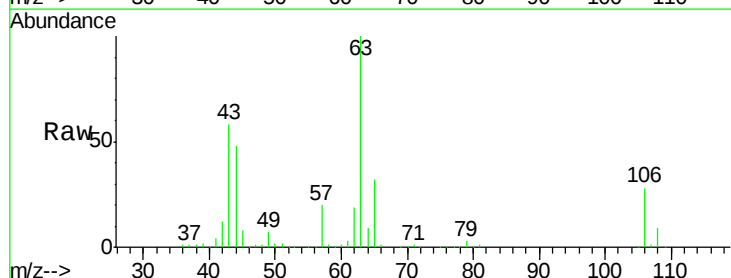
Manual Integrations
 APPROVED

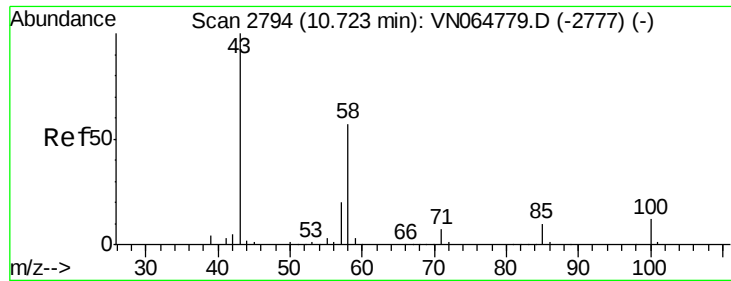
MMDadoda
 12/2/2020 12:43:27 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 288.465 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion: 63 Resp: 499004
 Ion Ratio Lower Upper
 63 100
 106 28.4 22.7 34.1





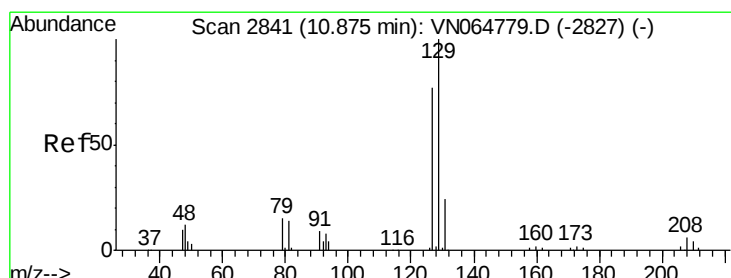
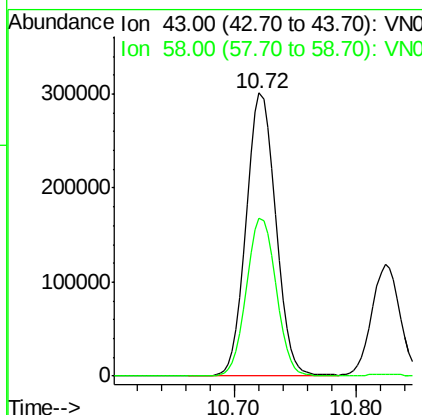
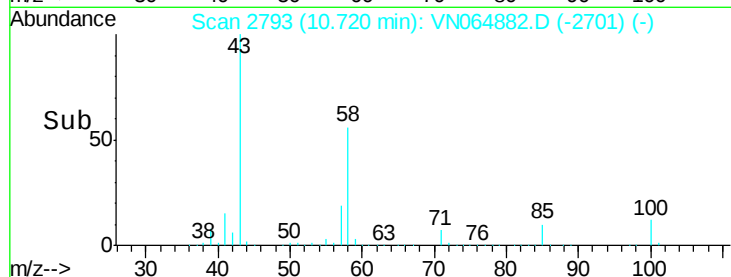
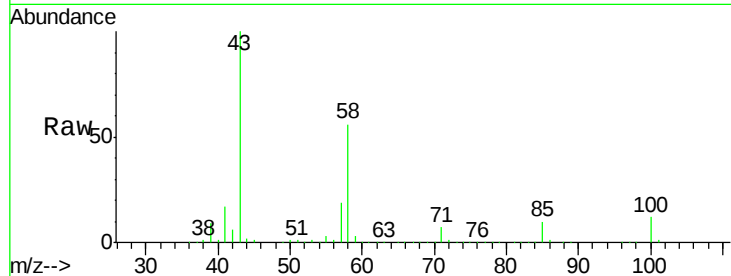
#59
2-Hexanone
Concen: 255.395 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 502283
Ion Ratio Lower Upper
43 100
58 56.2 28.3 84.9

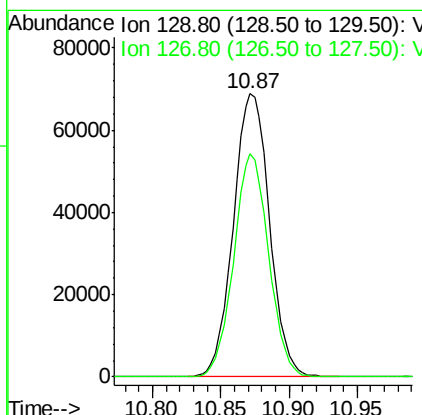
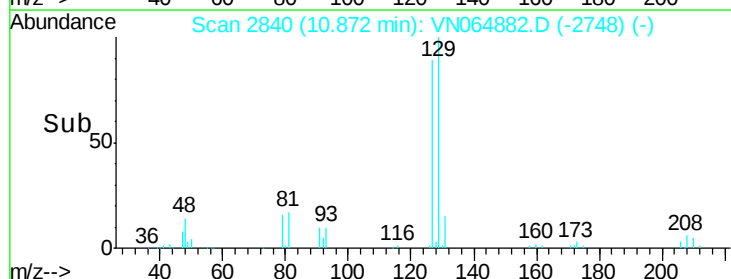
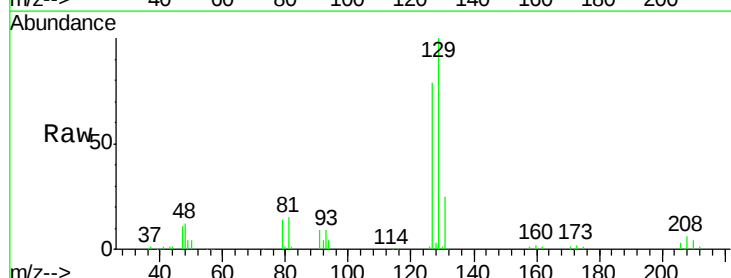
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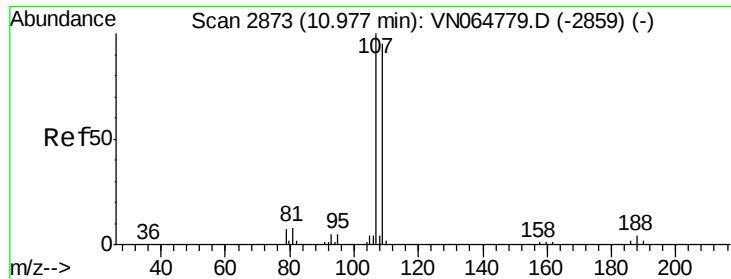
MMDadoda
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#60
Dibromochloromethane
Concen: 49.960 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 129 Resp: 126558
Ion Ratio Lower Upper
129 100
127 76.1 39.1 117.2





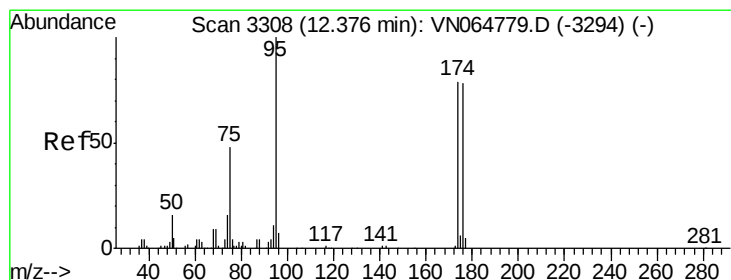
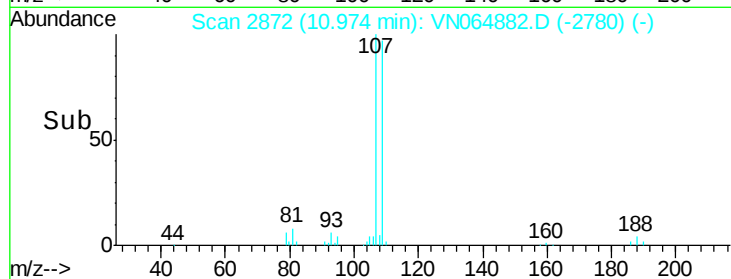
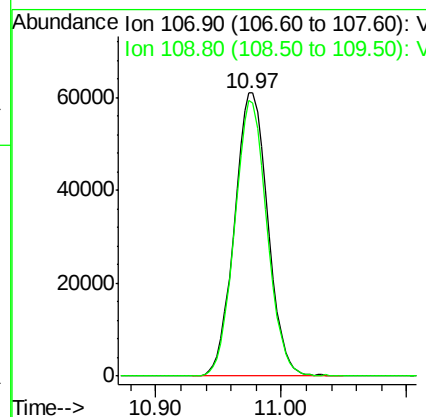
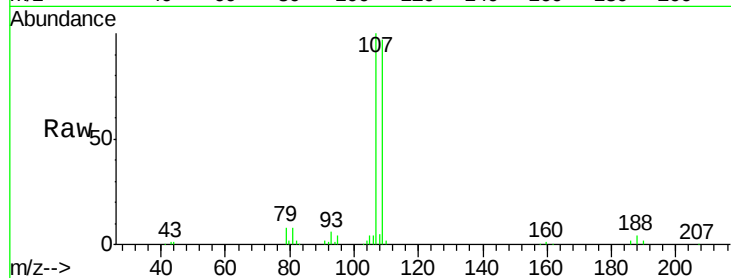
#61
 1,2-Dibromoethane
 Concen: 48.775 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	112928		
109	94.1	76.0	114.0	

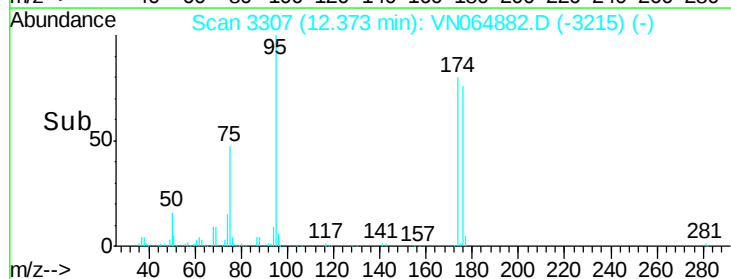
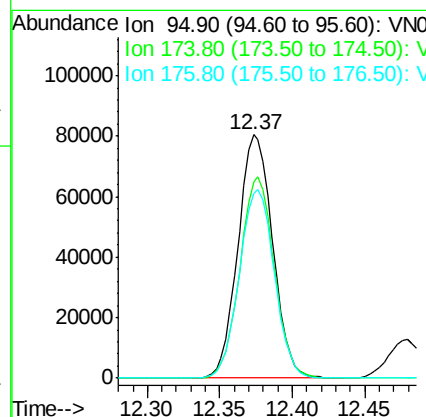
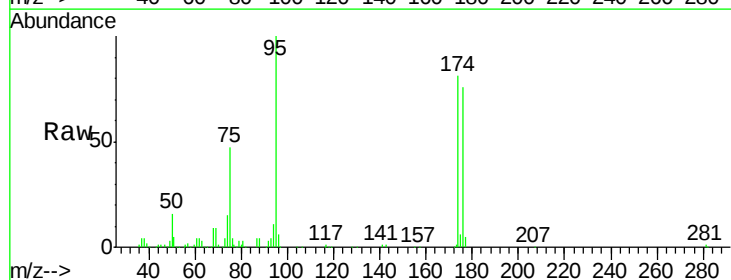
Manual Integrations
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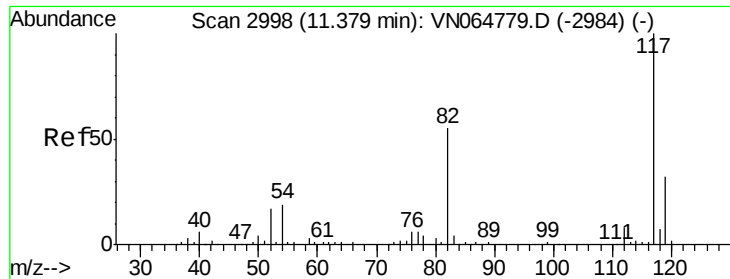
MMDadoda
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#62
 4-Bromofluorobenzene
 Concen: 48.020 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	133118		
174	82.3	0.0	160.4	
176	78.8	0.0	158.4	





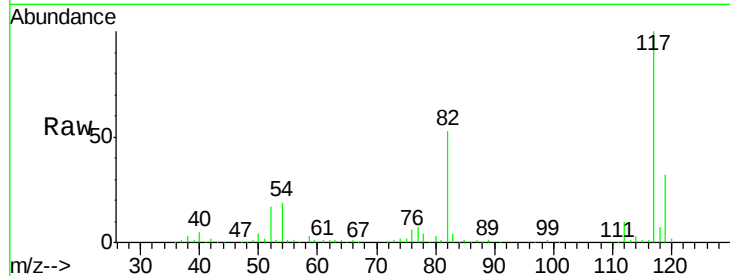
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

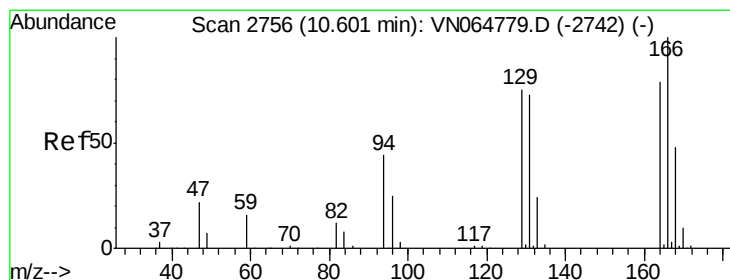
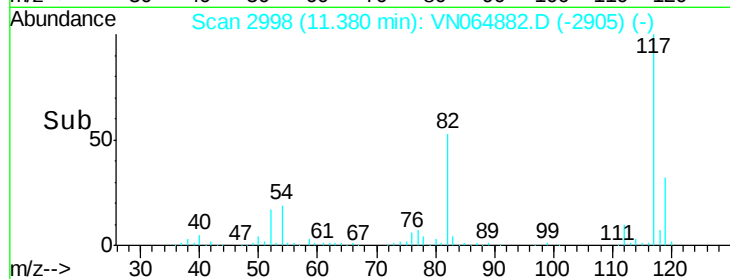
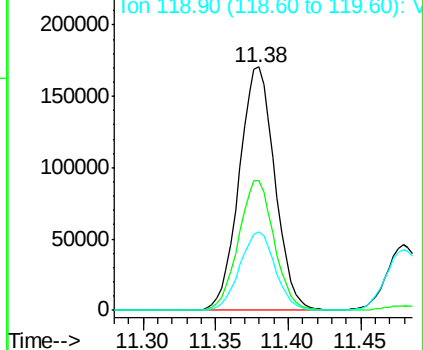
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	44.2	66.2
119	32.2	25.8	38.6

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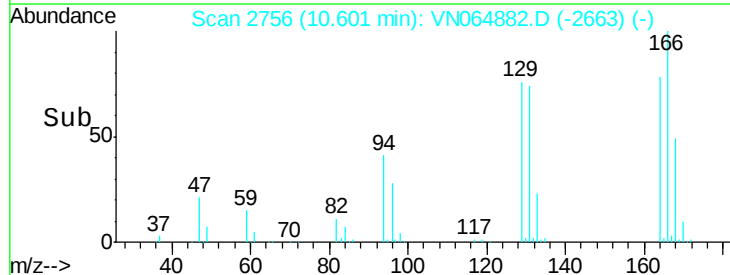
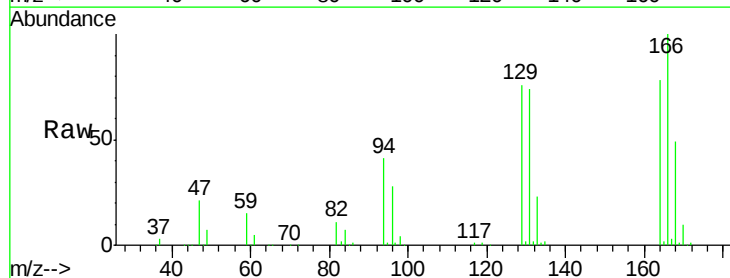
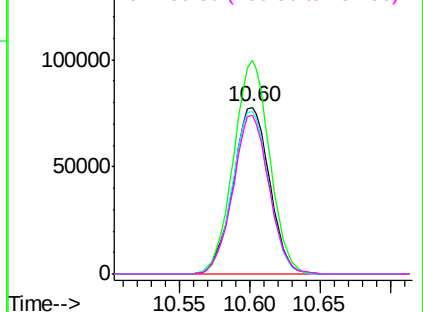
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 49.656 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.9	101.4	152.0
129	97.6	76.1	114.1
131	95.1	74.2	111.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





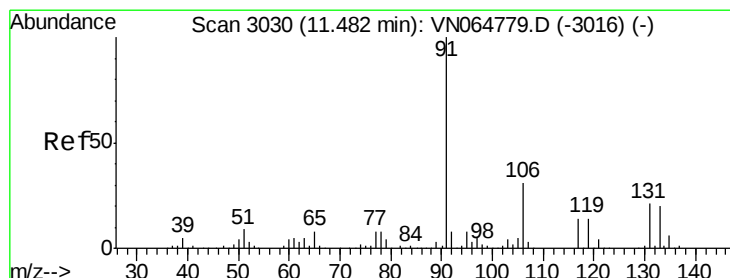
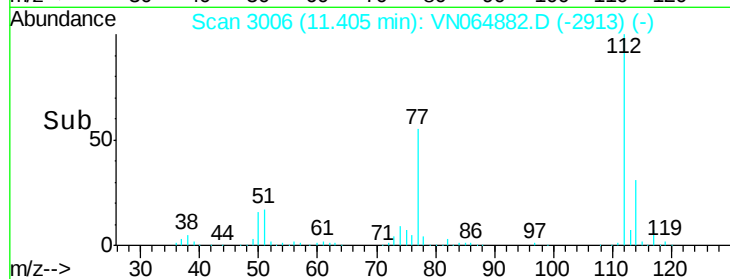
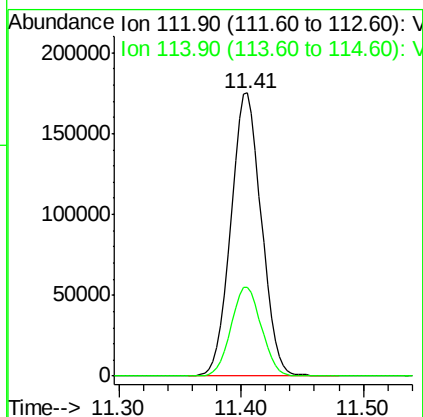
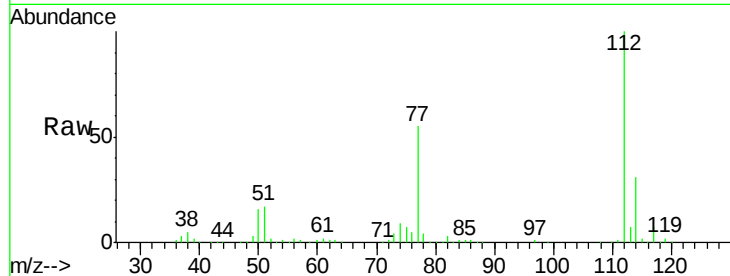
#65
Chlorobenzene
Concen: 48.519 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 304544
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7

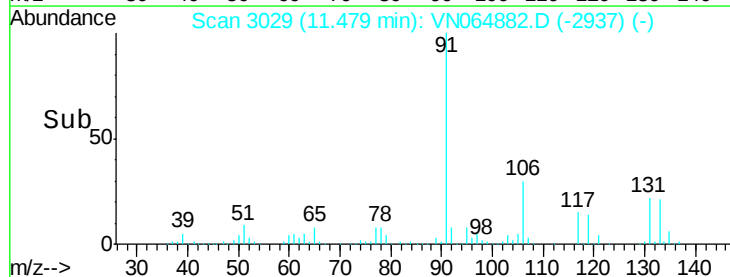
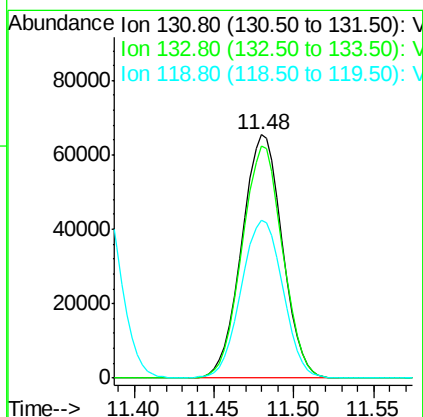
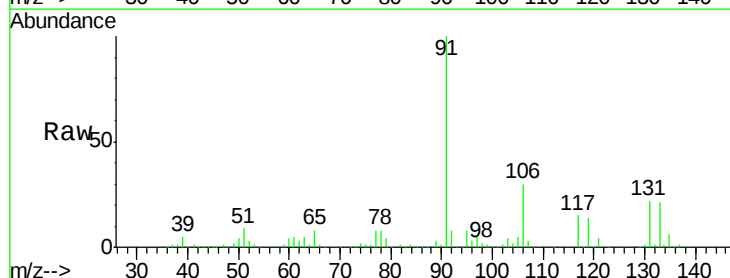
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.110 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion:131 Resp: 113284
Ion Ratio Lower Upper
131 100
133 95.6 47.5 142.5
119 66.9 33.3 99.8





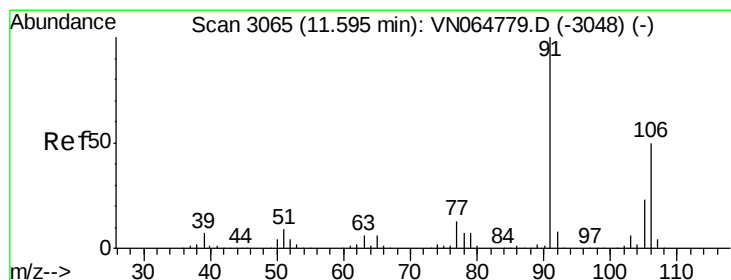
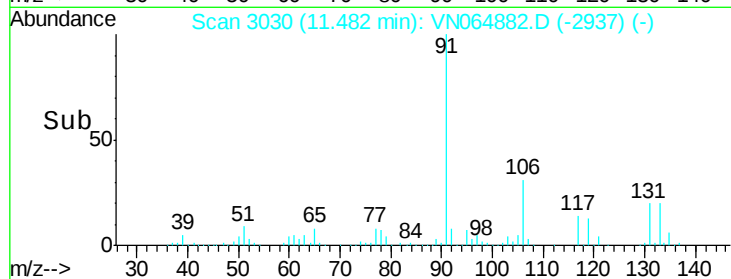
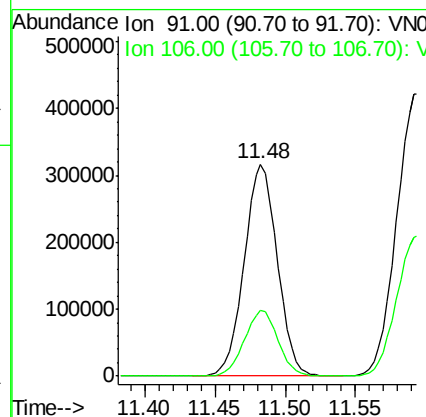
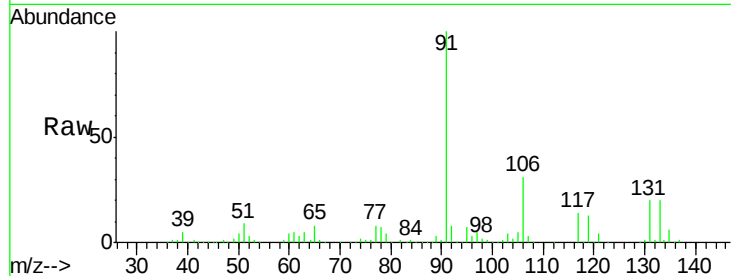
#67
Ethyl Benzene
Concen: 49.639 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 520504
Ion Ratio Lower Upper
91 100
106 30.9 25.2 37.8

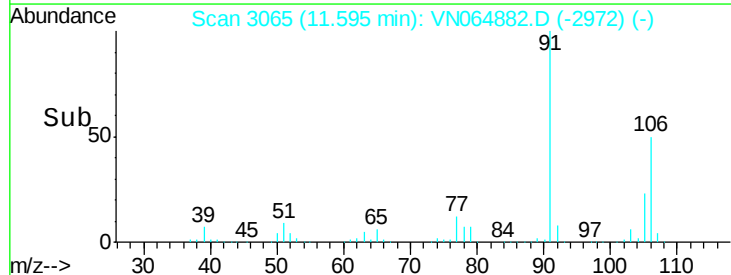
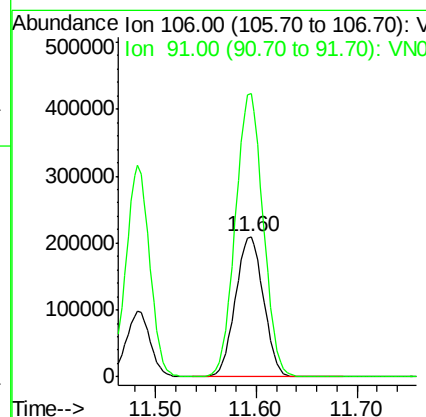
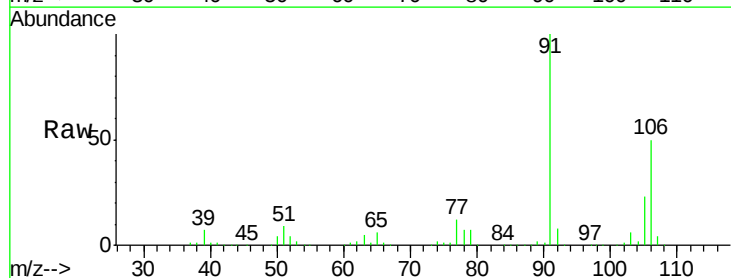
Manual Integrations
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#68
m/p-Xylenes
Concen: 102.234 ug/l
RT: 11.60 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion: 106 Resp: 405867
Ion Ratio Lower Upper
106 100
91 199.0 161.0 241.4





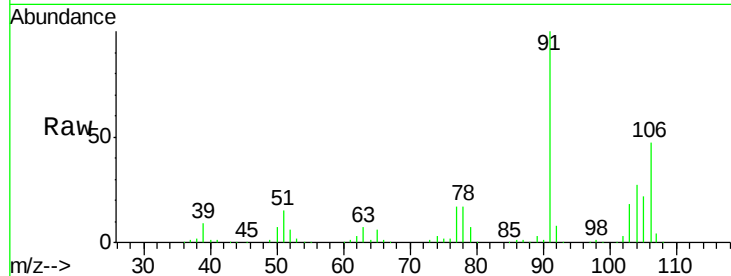
#69
o-Xylene
Concen: 50.916 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

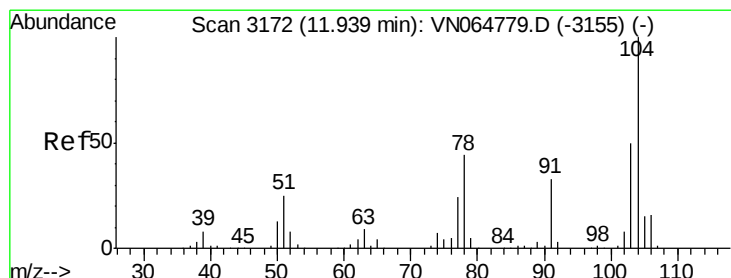
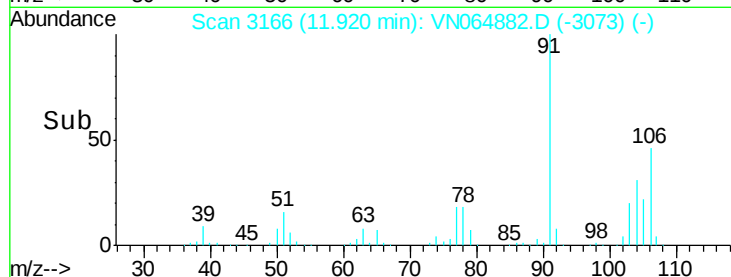
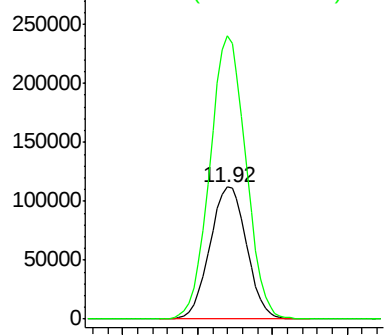
Tot Ion	Ratio	Lower	Upper
106	100		
91	210.2	105.5	316.5

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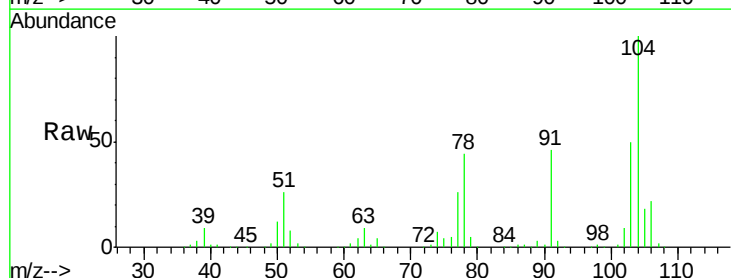


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN

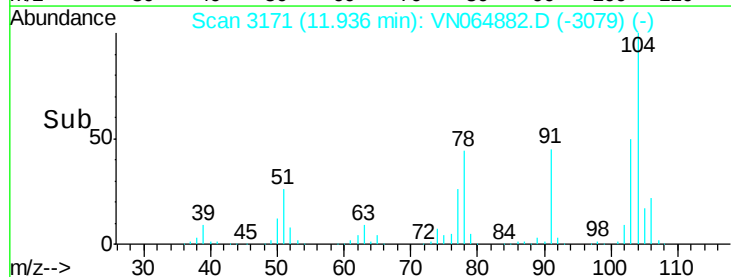
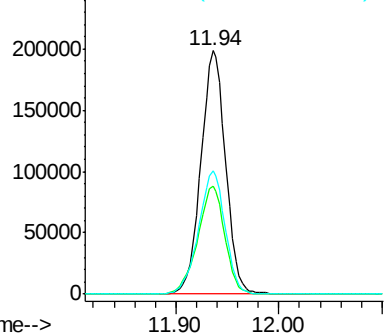


#70
Styrene
Concen: 52.222 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Lower	Upper
104	100		
78	48.3	39.0	58.6
103	54.2	44.3	66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VN
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 48.164 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 88736

Ion Ratio Lower Upper

173 100

175 48.2 24.3 72.8

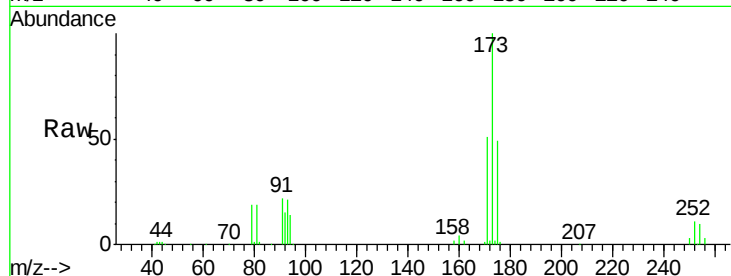
254 0.0 0.0 0.0

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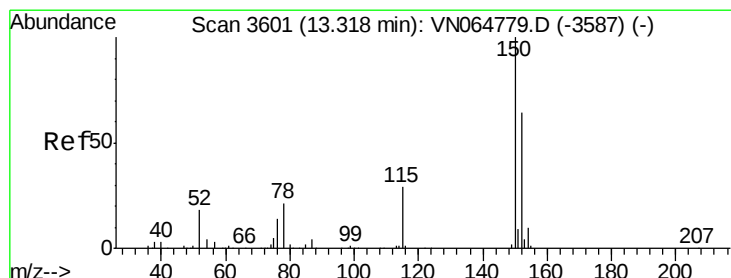
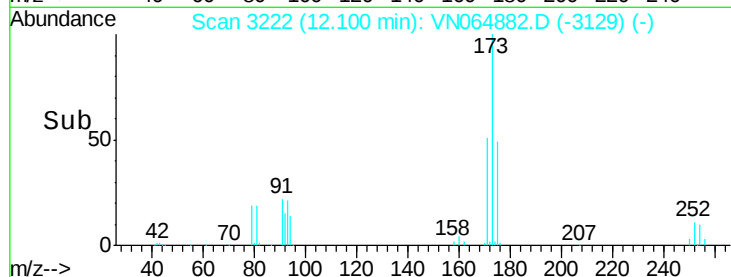
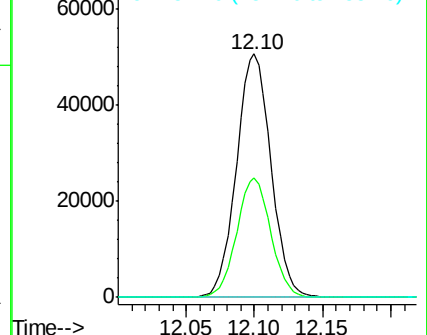
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 3600

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

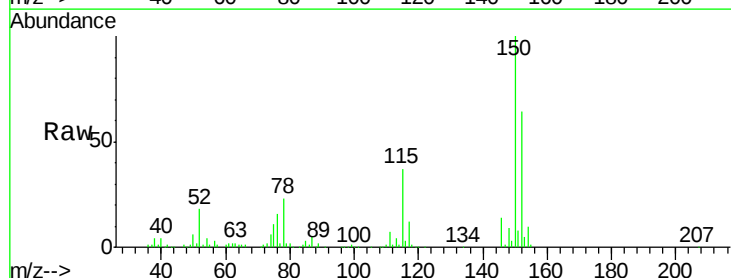
Tgt Ion:152 Resp: 146993

Ion Ratio Lower Upper

152 100

115 58.7 29.7 89.1

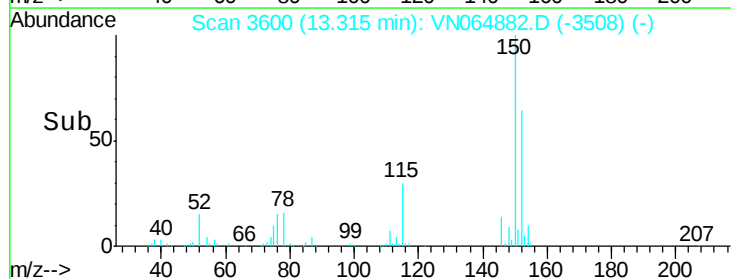
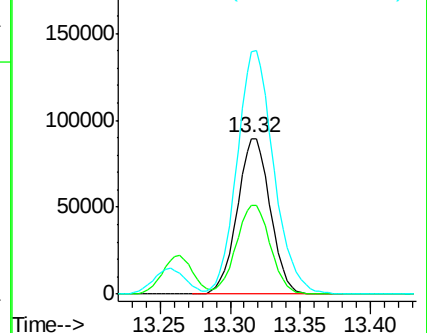
150 172.8 0.0 350.6

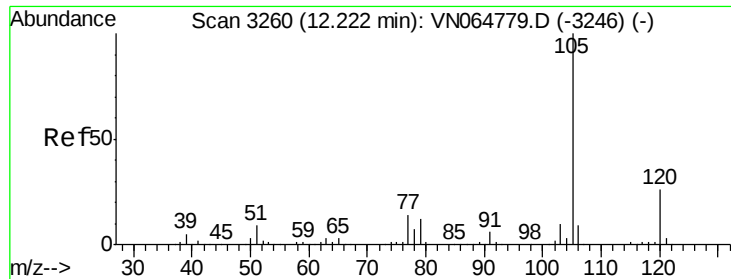


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.467 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 515995

Ion Ratio Lower Upper

105 100

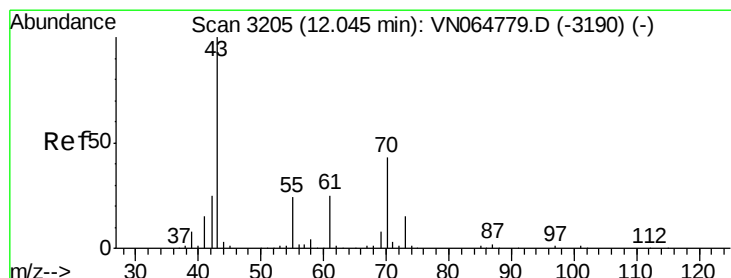
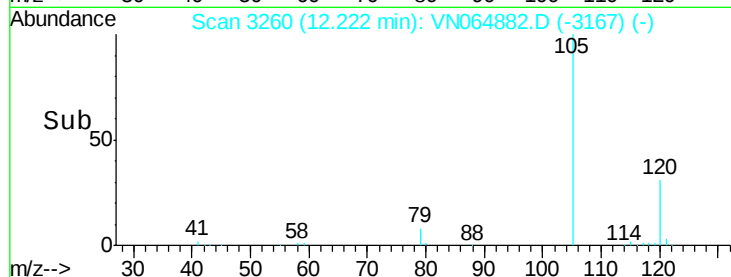
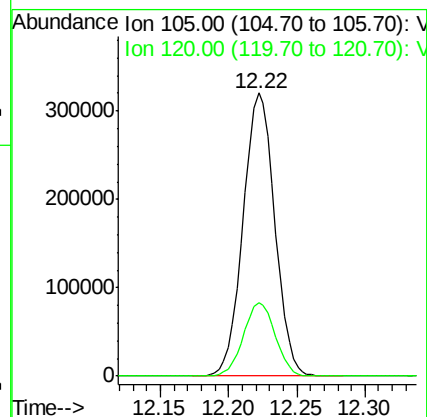
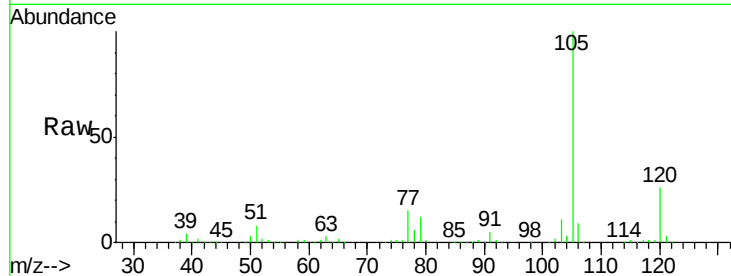
120 26.1 13.3 39.9

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#74

N-ethyl acetate

Concen: 47.669 ug/l

RT: 12.04 min Scan# 3204

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Tgt Ion: 43 Resp: 191805

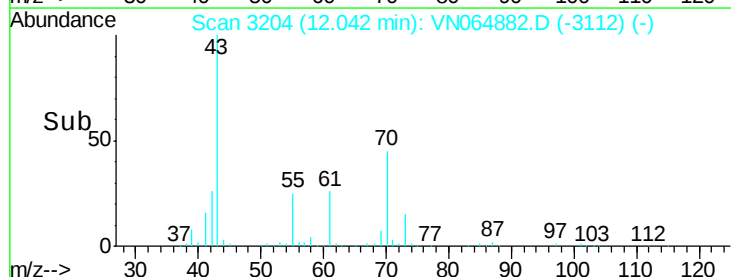
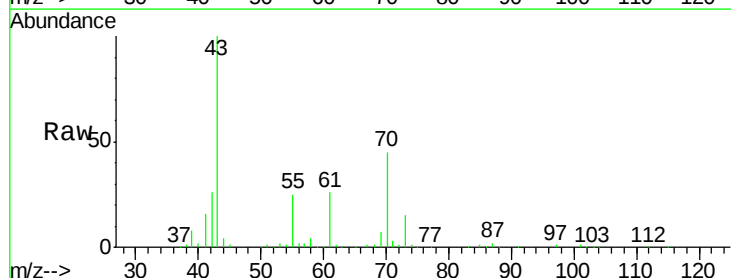
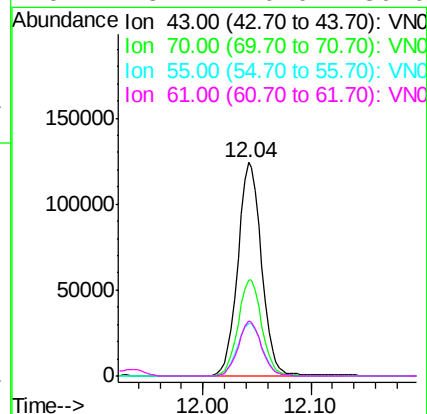
Ion Ratio Lower Upper

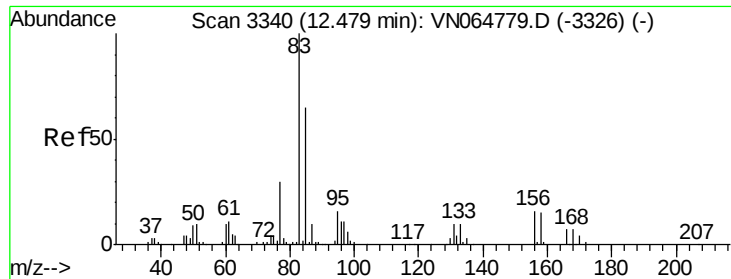
43 100

70 44.7 34.5 51.7

55 25.6 20.4 30.6

61 25.2 20.0 30.0





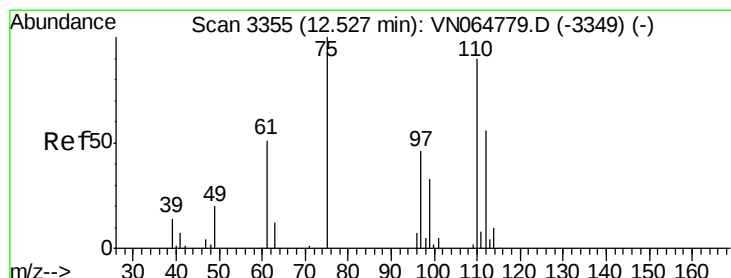
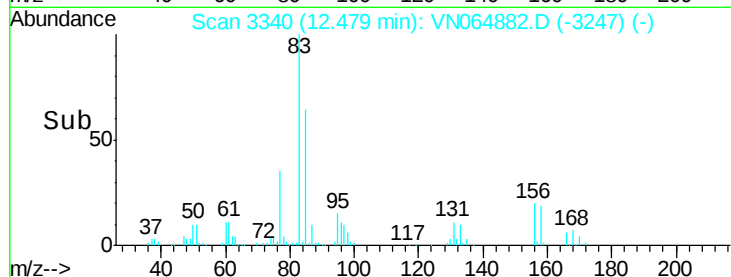
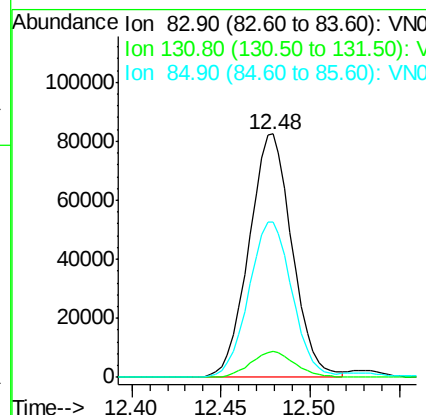
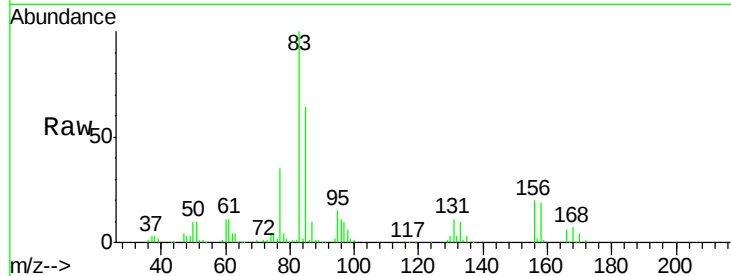
#75
 1,1,2,2-Tetrachloroethane
 Concen: 46.549 ug/l
 RT: 12.48 min Scan# 3340
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	139499		
131	10.8	5.1	15.3	
85	64.0	33.0	99.0	

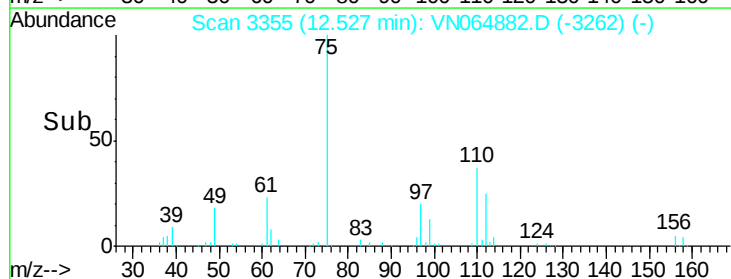
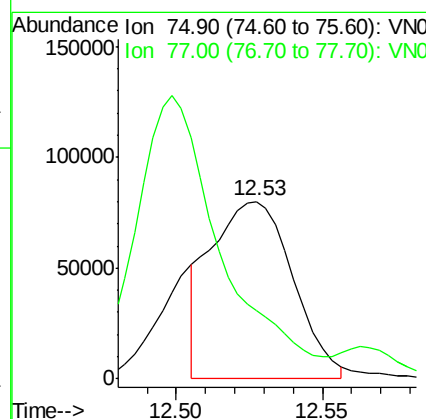
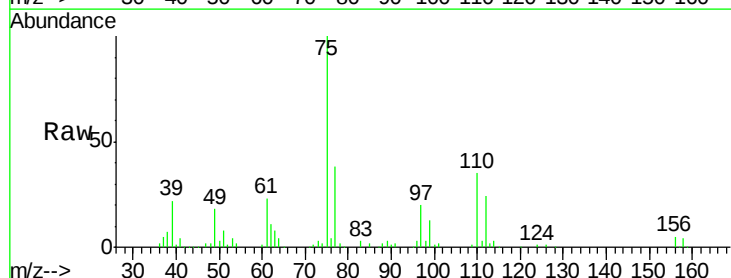
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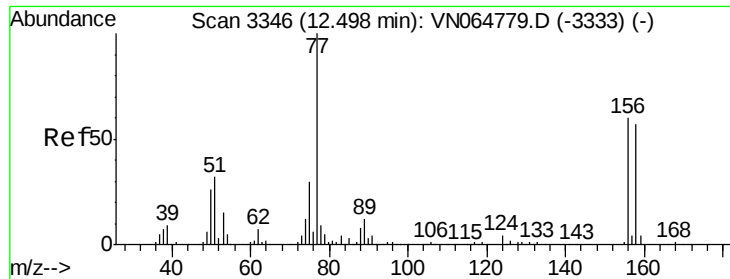
MMDadoda
 12/2/2020 12:43:27 PM



#76
 1,2,3-Trichloropropane
 Concen: 49.316 ug/l m
 RT: 12.53 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	156115		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 47.053 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

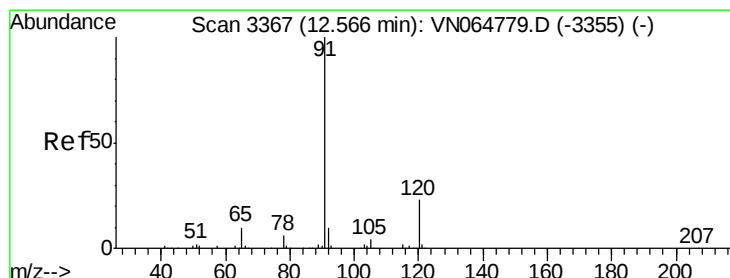
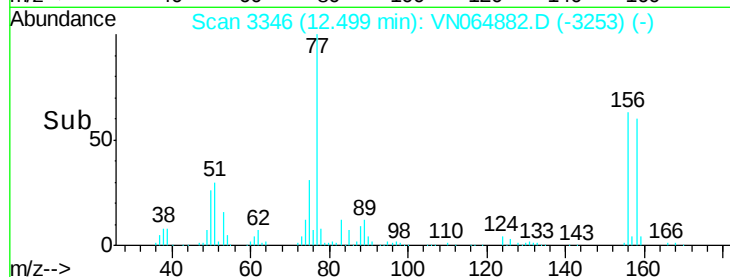
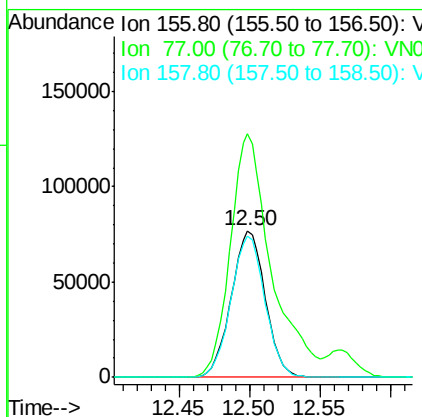
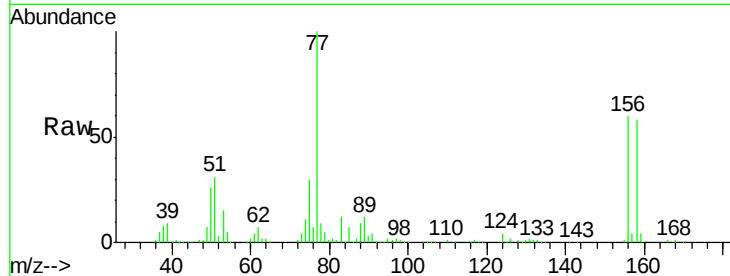
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	200.1	101.3	303.7
158	96.5	48.2	144.6

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#78

n-propylbenzene

Concen: 50.814 ug/l

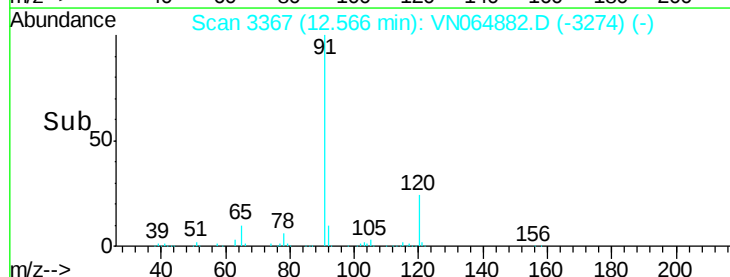
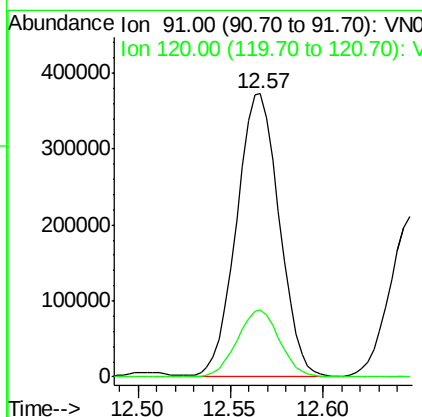
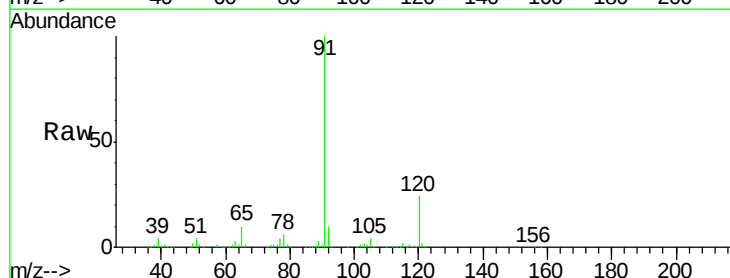
RT: 12.57 min Scan# 3367

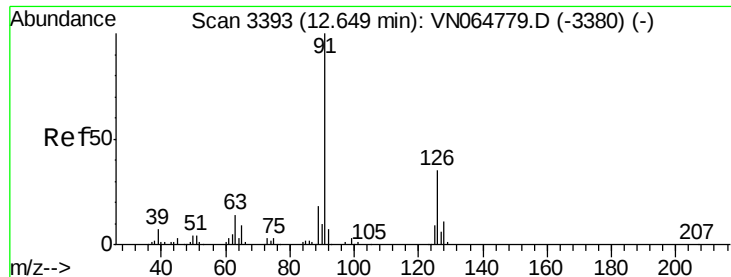
Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	11.6	34.7





#79

2-Chlorotoluene

Concen: 48.048 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. -0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 345937

Ion Ratio Lower Upper

91 100

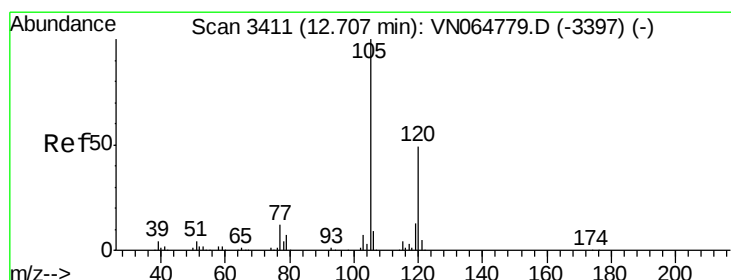
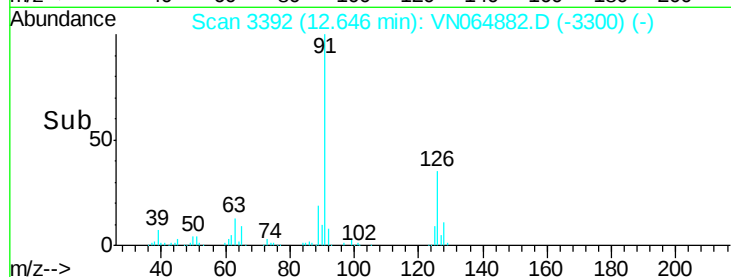
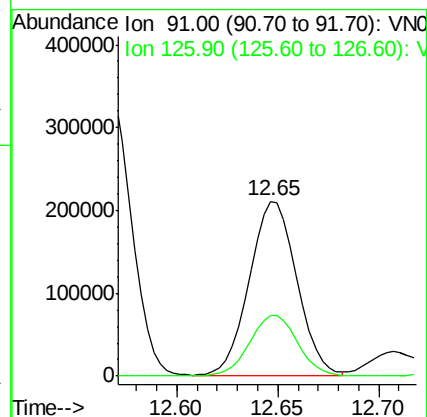
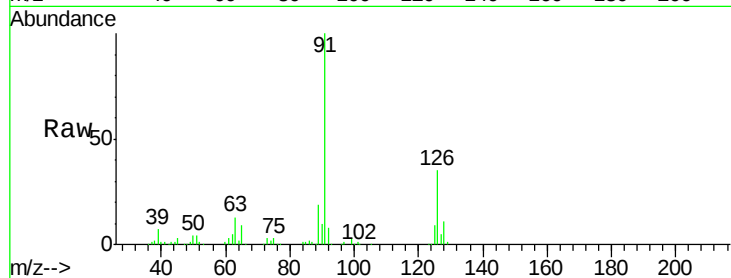
126 35.5 17.2 51.6

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#80

1,3,5-Trimethylbenzene

Concen: 51.458 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN064882.D

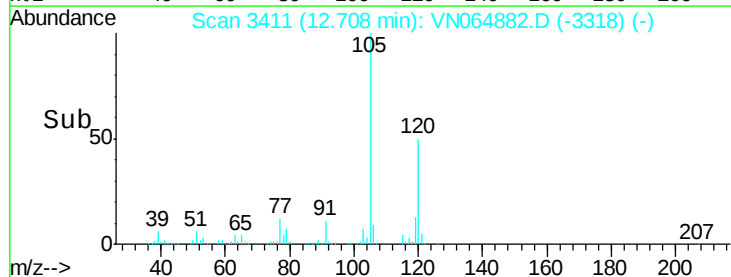
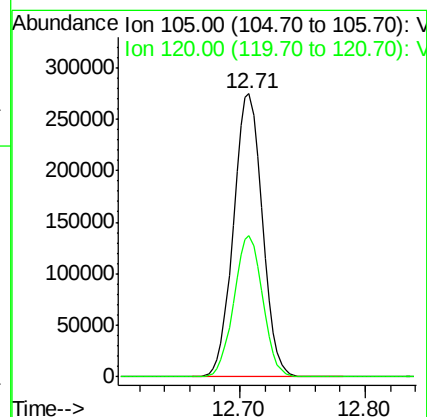
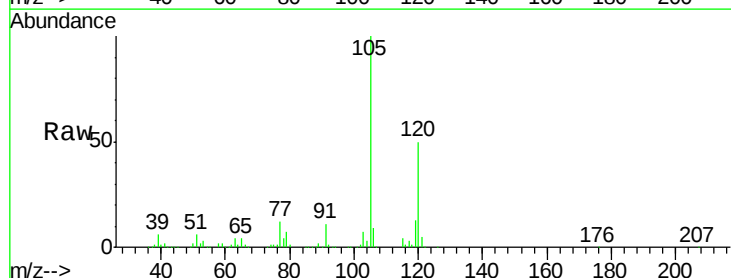
Acq: 1 Dec 2020 15:14

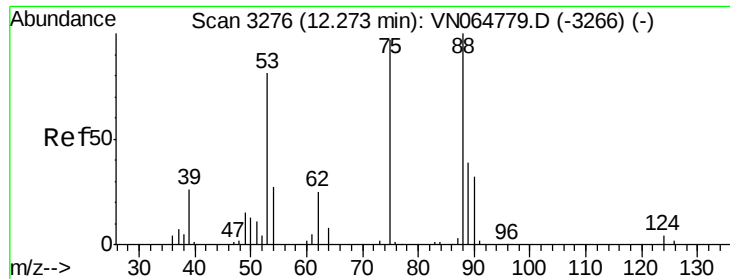
Tgt Ion: 105 Resp: 437316

Ion Ratio Lower Upper

105 100

120 49.8 24.6 73.6





#81

trans-1,4-Dichloro-2-butene

Concen: 48.244 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

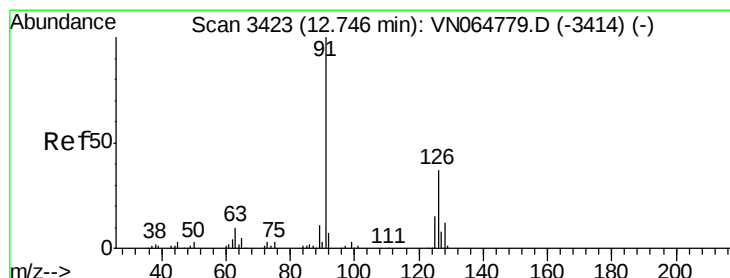
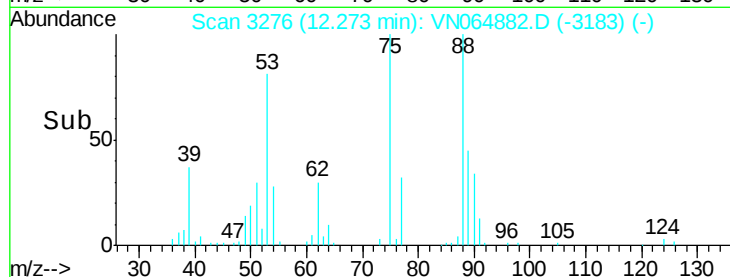
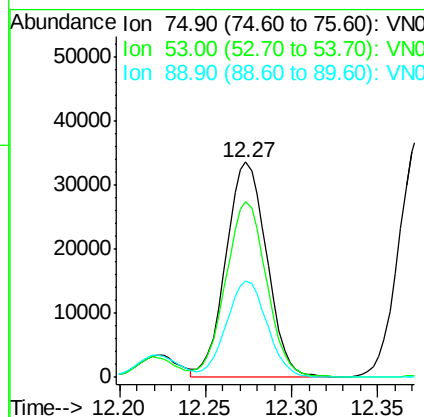
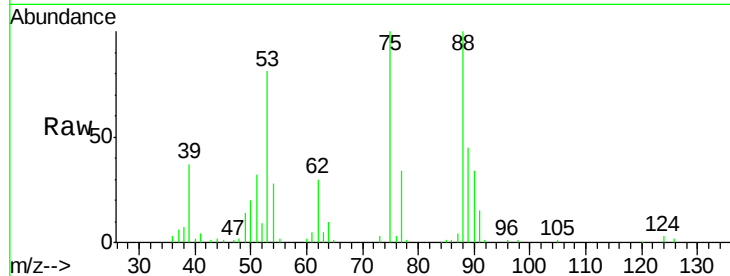
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	55722
Ion Ratio	Lower	Upper	
75	100		
53	81.9	67.0	100.4
89	44.7	39.6	59.4

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#82

4-Chlorotoluene

Concen: 48.630 ug/l

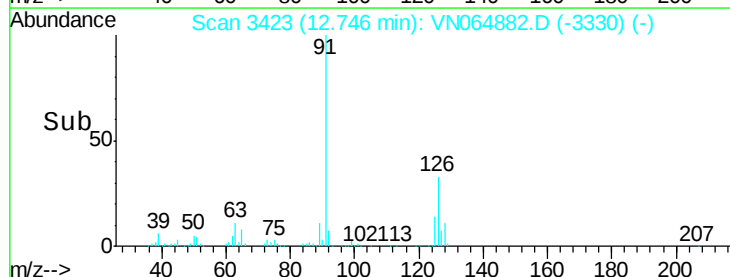
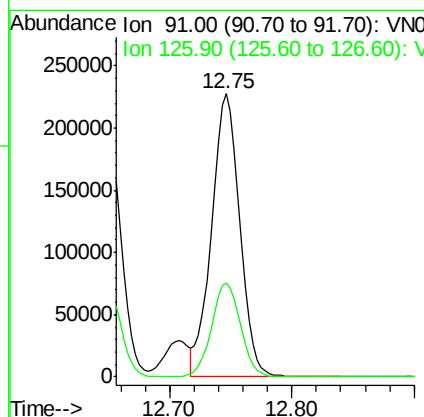
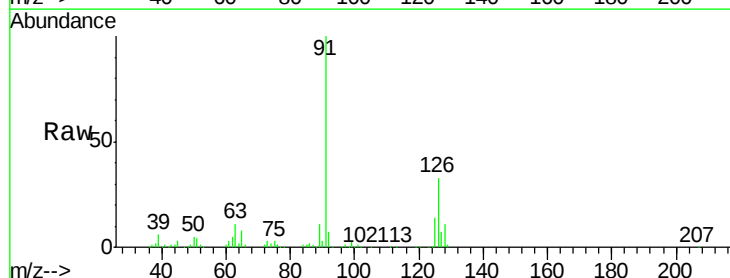
RT: 12.75 min Scan# 3423

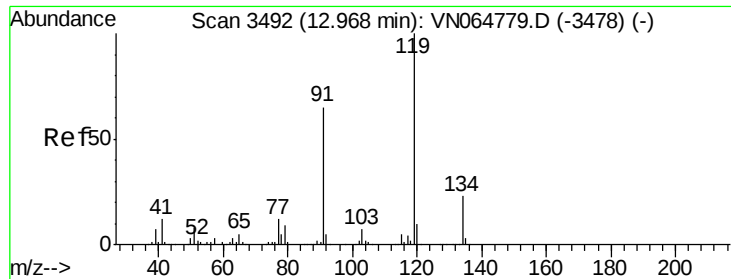
Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Tgt Ion:	91	Resp:	367006
Ion Ratio	Lower	Upper	
91	100		
126	34.0	16.9	50.7





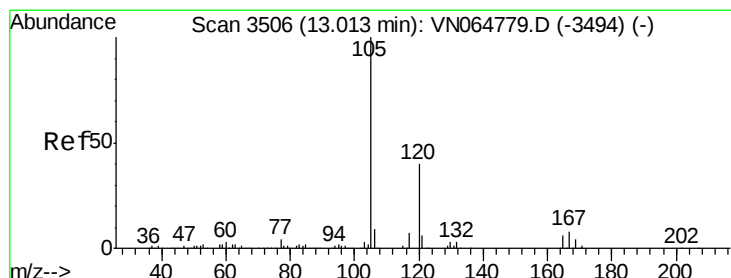
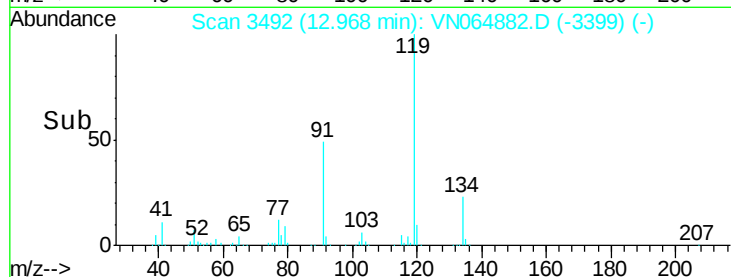
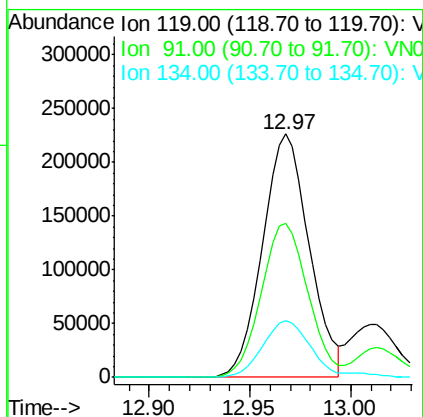
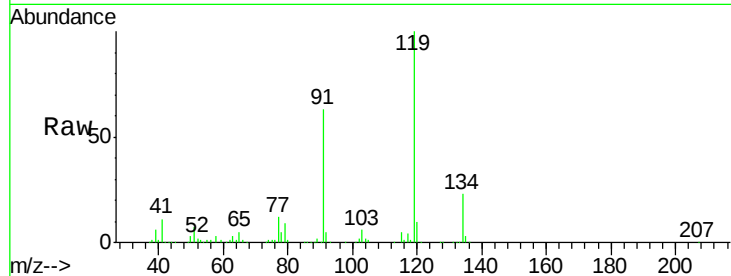
#83
 tert-Butylbenzene
 Concen: 51.129 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	364213		
91	63.8		32.3	96.8
134	24.5		12.6	37.6

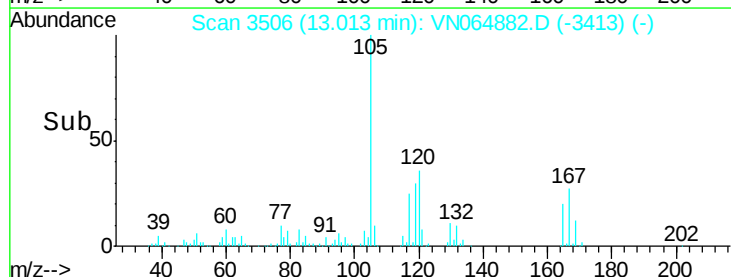
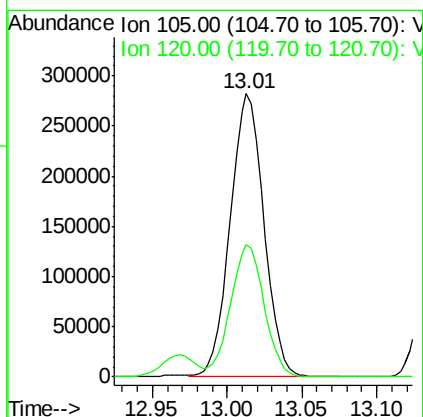
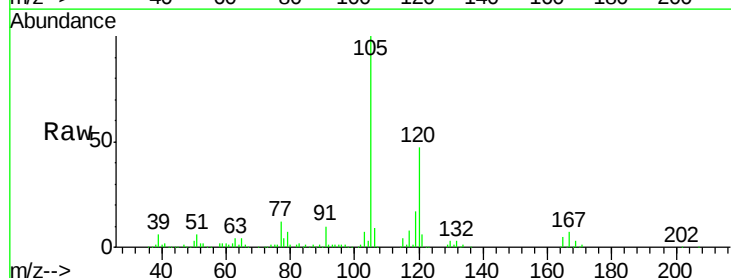
Manual Integrations
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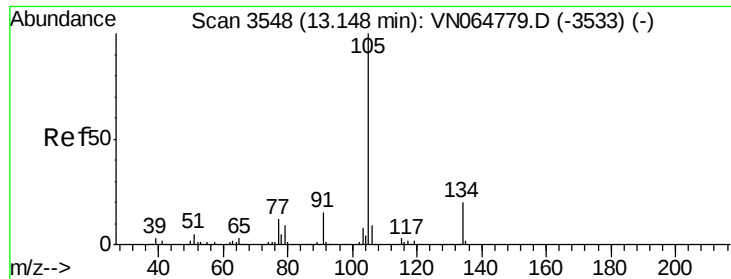
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#84
 1,2,4-Trimethylbenzene
 Concen: 51.344 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	441172		
120	46.8		23.1	69.2





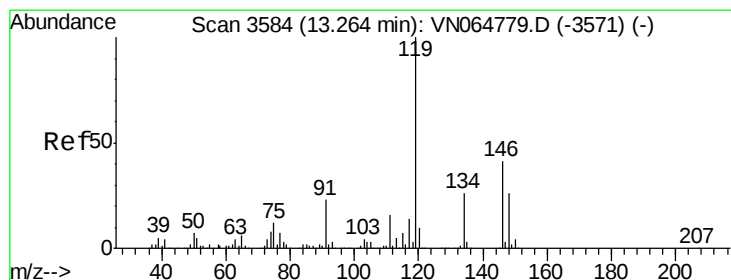
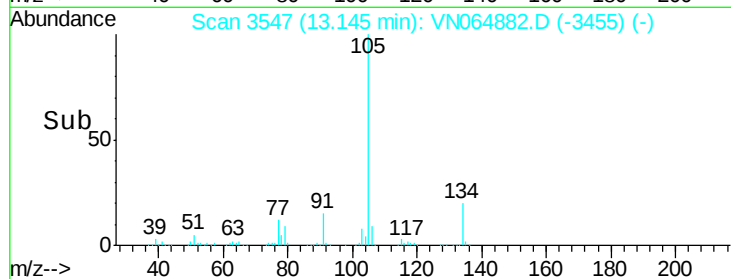
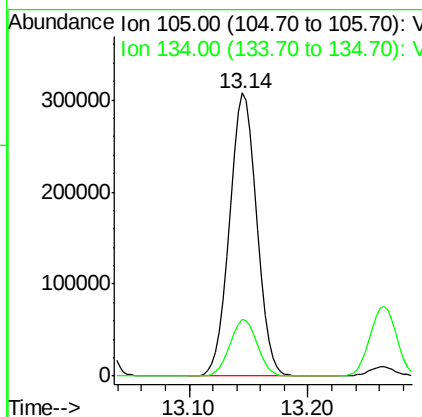
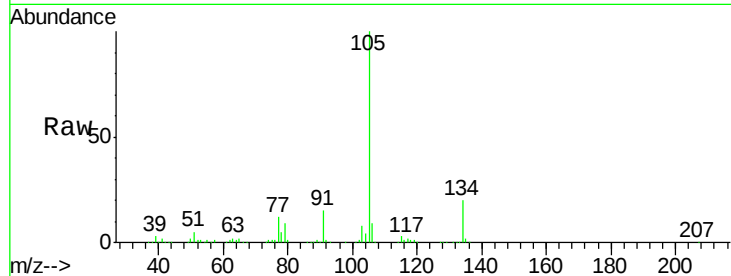
#85
 sec-Butylbenzene
 Concen: 51.463 ug/l
 RT: 13.14 min Scan# 3547
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.0	10.1	30.1

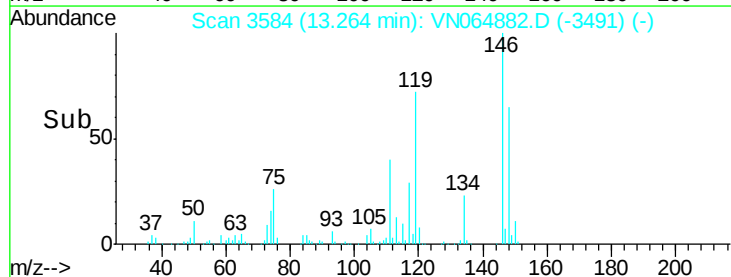
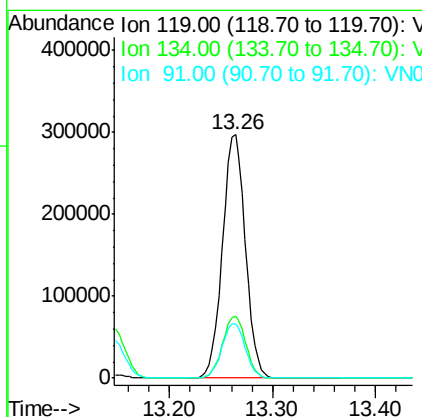
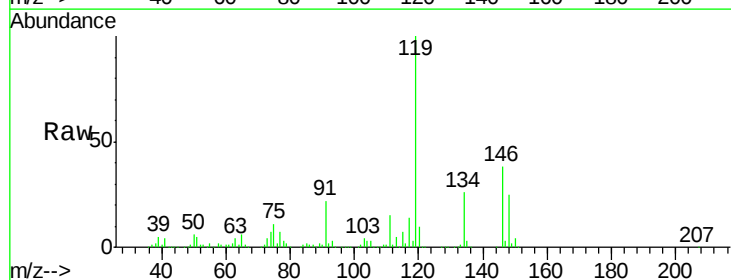
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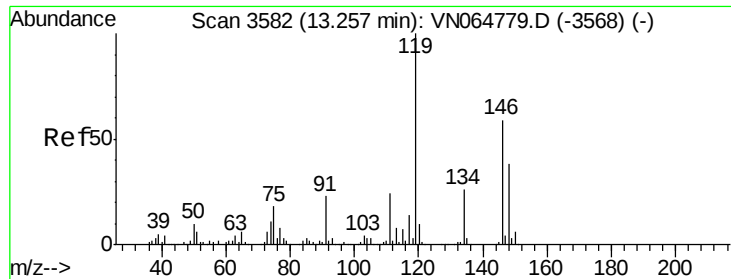
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#86
 p-Isopropyltoluene
 Concen: 53.357 ug/l
 RT: 13.26 min Scan# 3584
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.8	13.1	39.1
91	22.9	11.5	34.5





#87

1,3-Dichlorobenzene

Concen: 47.830 ug/l

RT: 13.26 min Scan# 3582

Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Instrument :

MSVOA_N

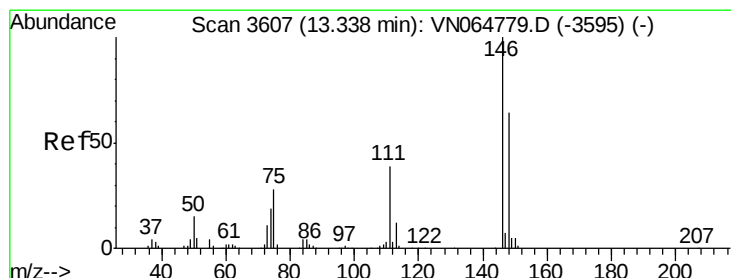
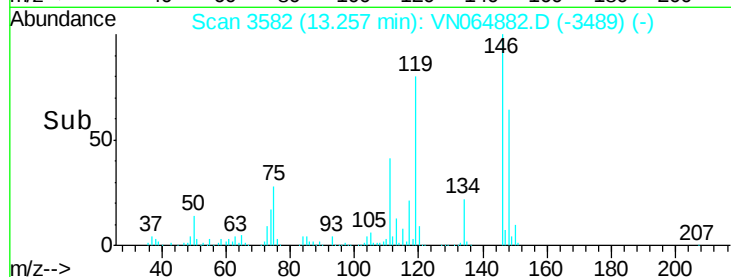
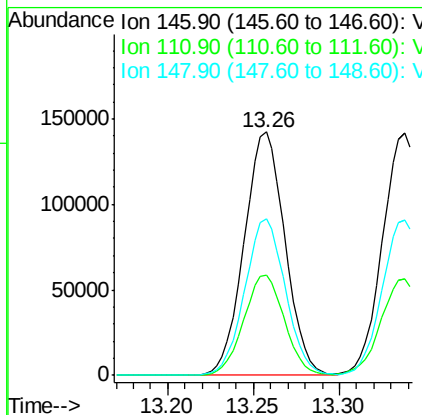
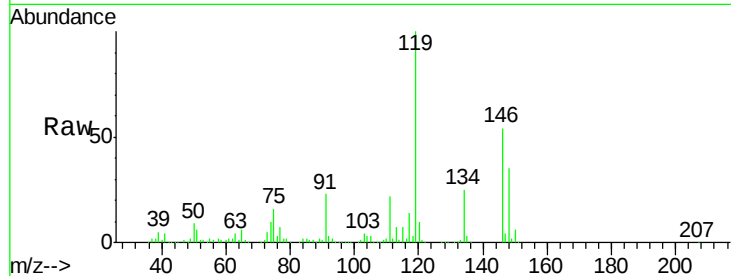
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	234241
Ion Ratio	Lower	Upper	
146	100		
111	41.2	20.6	61.9
148	63.9	31.9	95.5

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#88

1,4-Dichlorobenzene

Concen: 45.115 ug/l

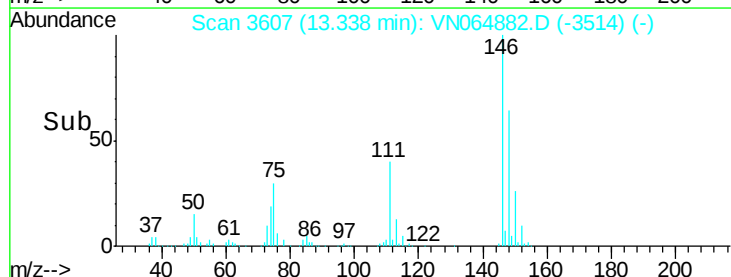
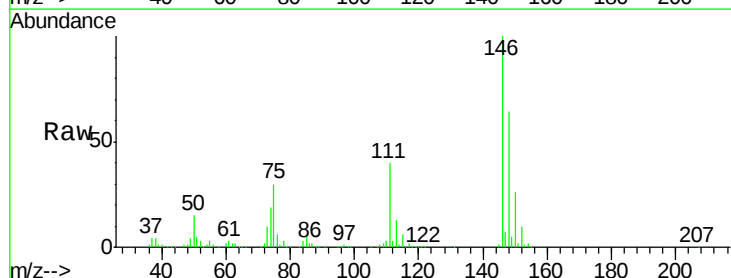
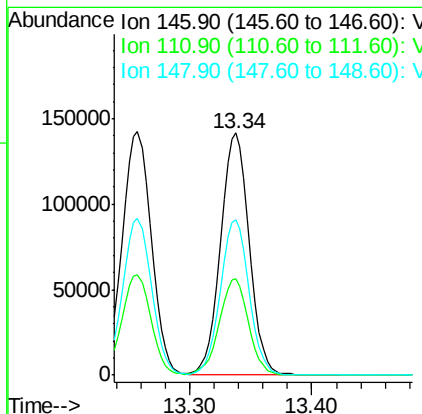
RT: 13.34 min Scan# 3607

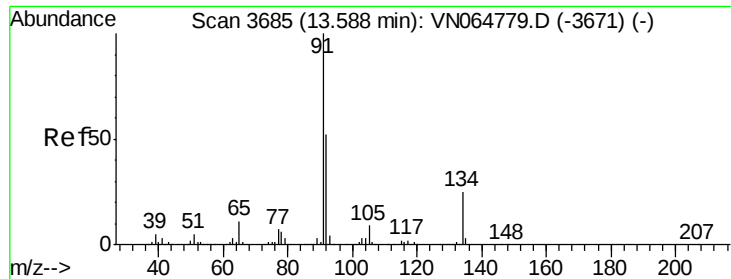
Delta R.T. 0.00 min

Lab File: VN064882.D

Acq: 1 Dec 2020 15:14

Tgt Ion:	146	Resp:	233656
Ion Ratio	Lower	Upper	
146	100		
111	40.2	19.8	59.3
148	64.2	31.9	95.5





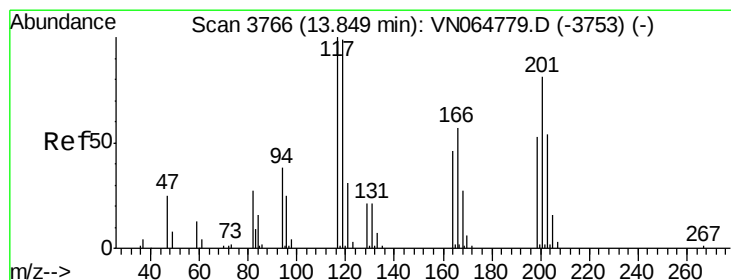
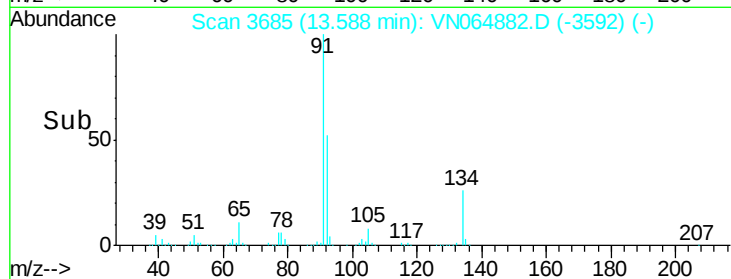
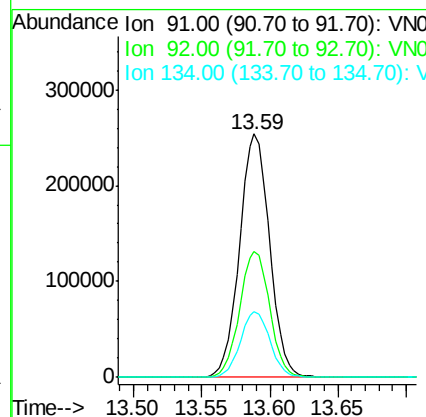
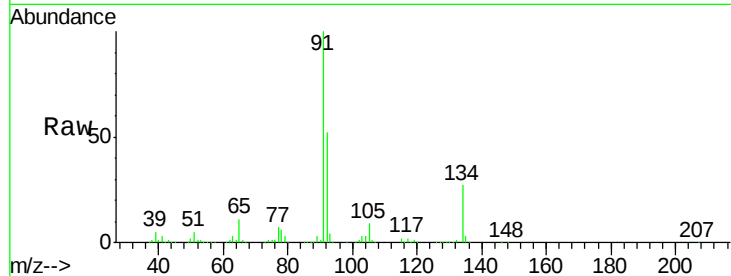
#89
n-Butylbenzene
Concen: 51.360 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	51.8	26.0	78.0	
134	26.7	12.9	38.6	

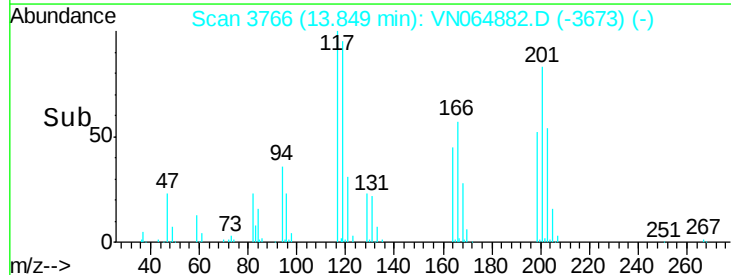
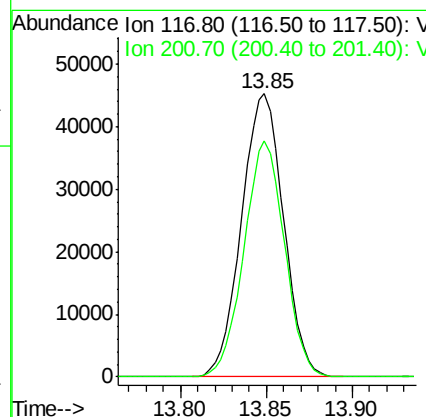
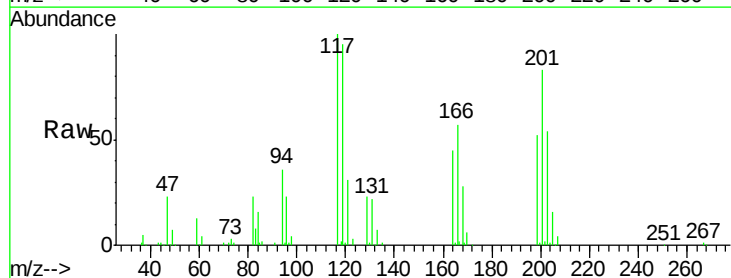
Manual Integrations
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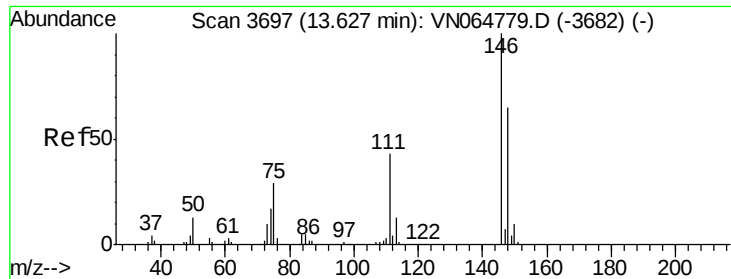
MMDadoda
12/2/2020 12:43:27 PM



#90
Hexachloroethane
Concen: 51.223 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	80.3	40.1	120.3	





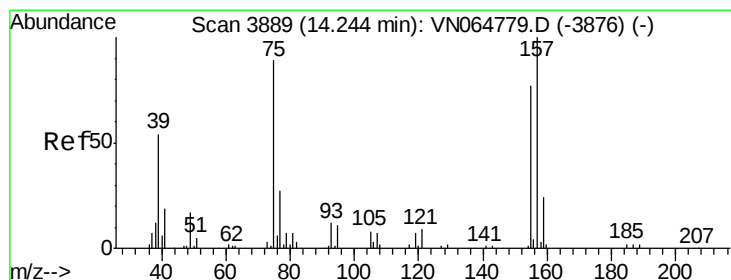
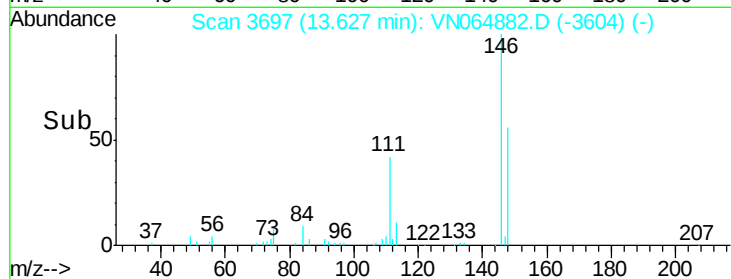
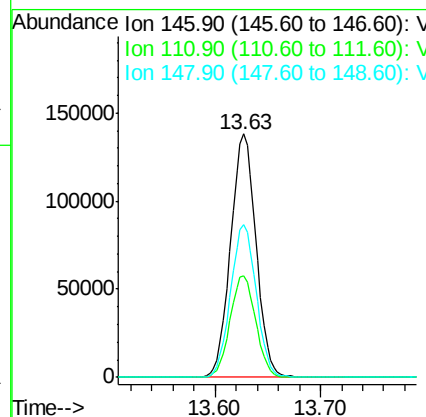
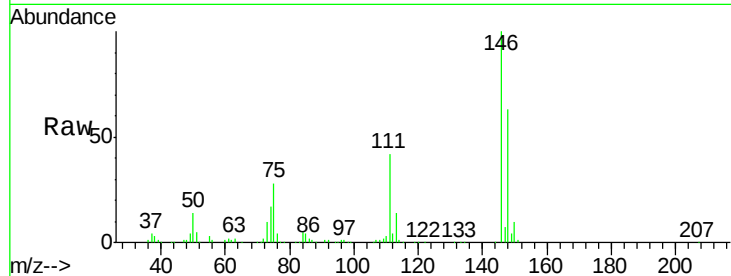
#91
 1,2-Dichlorobenzene
 Concen: 47.996 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.1	63.1
148	63.1	32.0	96.2

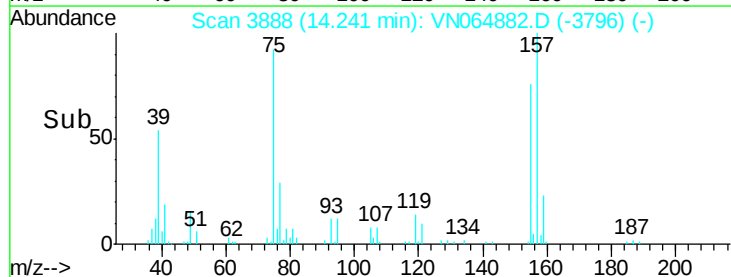
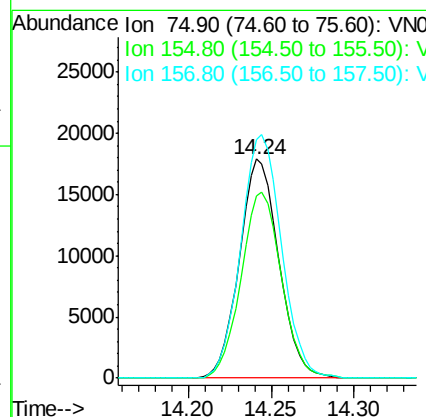
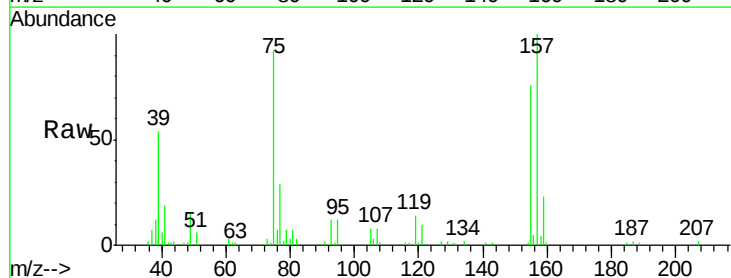
Manual Integrations
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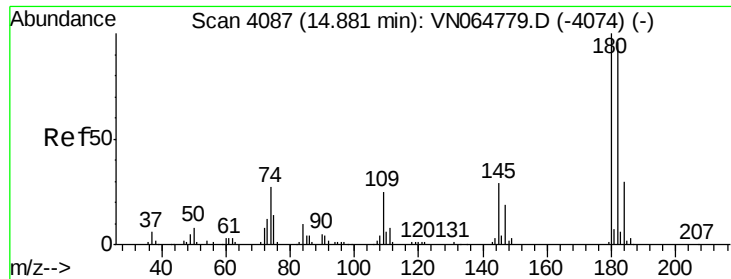
MMDadoda
 12/2/2020 12:43:27 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.002 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	86.6	42.8	128.3
157	114.4	56.4	169.1





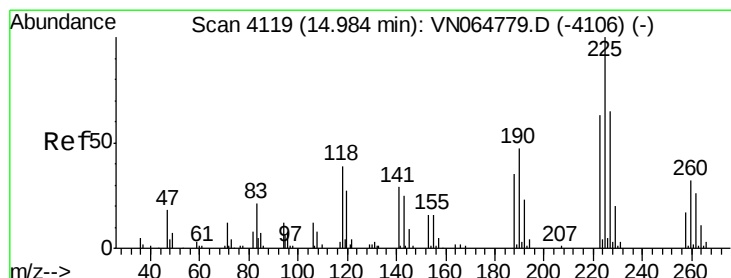
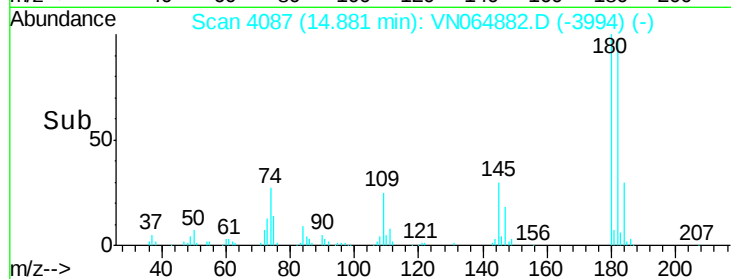
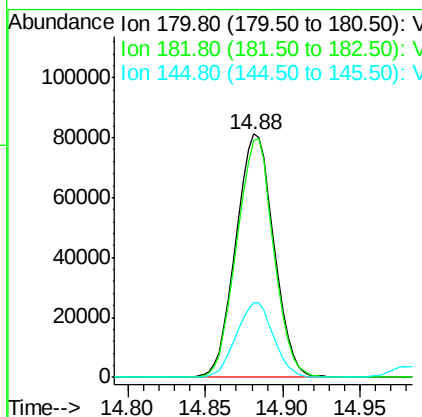
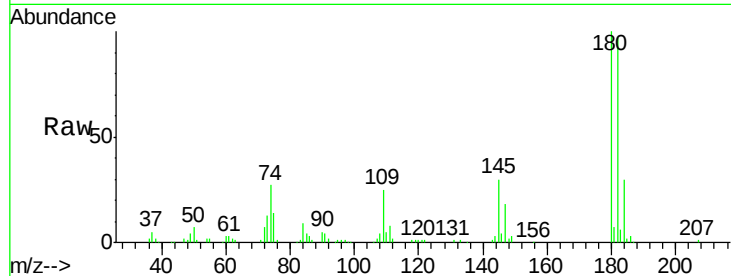
#93
 1,2,4-Trichlorobenzene
 Concen: 46.581 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	138565		
182	95.5	47.6	142.9	
145	30.1	15.3	45.8	

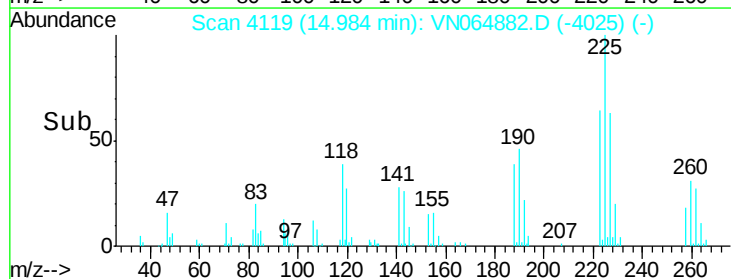
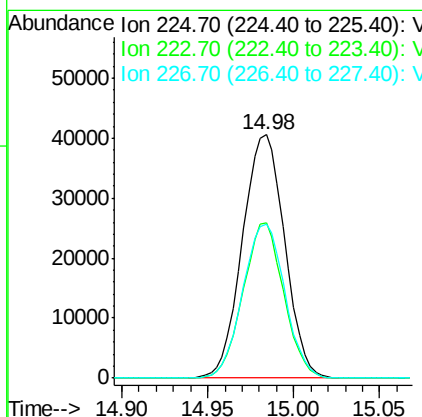
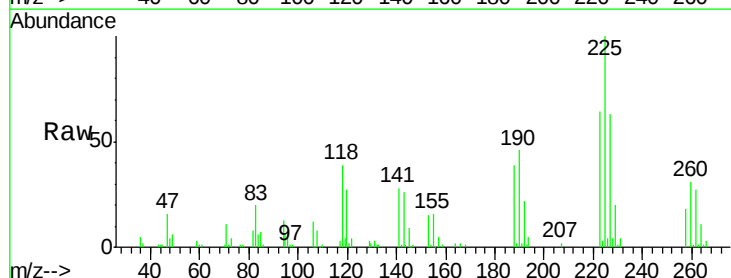
Manual Integrations
 APPROVED

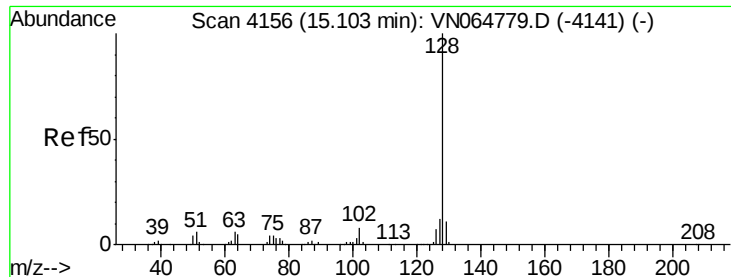
MMDadoda
 12/2/2020 12:43:27 PM



#94
 Hexachlorobutadiene
 Concen: 51.567 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN064882.D
 Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	69092		
223	61.2	31.0	93.0	
227	63.1	32.0	96.0	





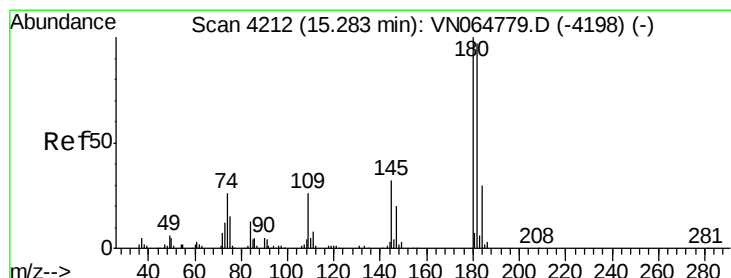
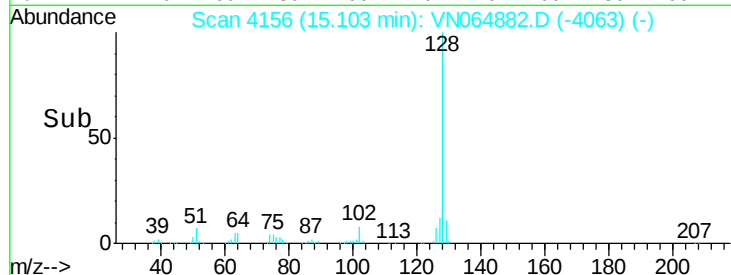
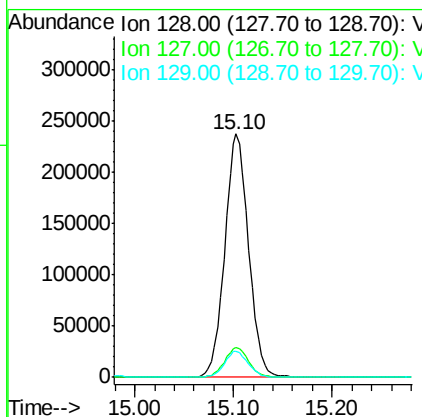
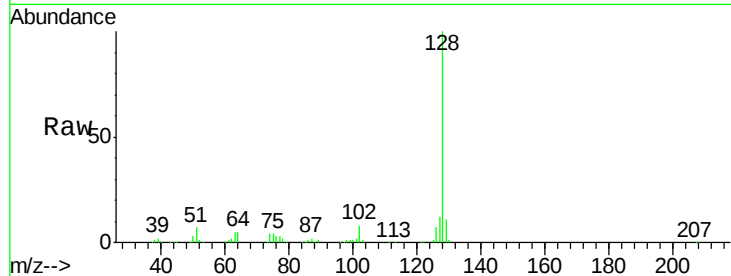
#95
Naphthalene
Concen: 45.083 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.3	15.5
129	10.8	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
12/2/2020 12:43:27 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.181 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN064882.D
Acq: 1 Dec 2020 15:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.1	144.4
145	31.8	16.4	49.1

