

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN120920\
 Data File : VN065035.D
 Acq On : 9 Dec 2020 21:03
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:14:52 AM

Quant Time: Dec 10 05:03:01 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	7.63	168	194388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	309754	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	277531	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	141226	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	109495	48.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.90%
35) Dibromofluoromethane	7.55	113	95160	51.34	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.68%
50) Toluene-d8	10.06	98	366782	48.43	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.86%
62) 4-Bromofluorobenzene	12.37	95	132924	49.04	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.08%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	68472	40.643	ug/l 96
3) Chloromethane	2.04	50	93285	42.610	ug/l 96
4) Vinyl Chloride	2.17	62	100691	44.114	ug/l 99
5) Bromomethane	2.52	94	65125	43.489	ug/l 98
6) Chloroethane	2.67	64	66561	47.149	ug/l 98
7) Trichlorofluoromethane	2.99	101	150842	47.808	ug/l 99
8) Diethyl Ether	3.38	74	60974	48.959	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	91516	48.352	ug/l 99
10) Methyl Iodide	3.91	142	115982	47.243	ug/l 99
11) Tert butyl alcohol	4.75	59	76277	216.428	ug/l 100
12) 1,1-Dichloroethene	3.69	96	87885	46.624	ug/l 99
13) Acrolein	3.57	56	68765	319.431	ug/l 99
14) Allyl chloride	4.27	41	143229	46.069	ug/l 99
15) Acrylonitrile	4.93	53	242555	249.129	ug/l 99
16) Acetone	3.78	43	182917	246.224	ug/l 96
17) Carbon Disulfide	4.01	76	203987	41.913	ug/l 99
18) Methyl Acetate	4.28	43	116629	52.217	ug/l 98
19) Methyl tert-butyl Ether	4.99	73	309240	51.152	ug/l 99
20) Methylene Chloride	4.50	84	108560	46.635	ug/l 99
21) trans-1,2-Dichloroethene	4.99	96	96822	46.254	ug/l 98
22) Diisopropyl ether	5.91	45	326147	52.411	ug/l 99
23) Vinyl Acetate	5.85	43	1272347	255.683	ug/l 99
24) 1,1-Dichloroethane	5.80	63	187962	50.541	ug/l 99
25) 2-Butanone	6.79	43	295574	245.440	ug/l 97
26) 2,2-Dichloropropane	6.78	77	143776	44.575	ug/l 98
27) cis-1,2-Dichloroethene	6.78	96	116991	49.668	ug/l 98
28) Bromochloromethane	7.15	49	83252	48.933	ug/l 97
29) Tetrahydrofuran	7.17	42	198580	238.881	ug/l 99
30) Chloroform	7.33	83	196164	51.149	ug/l 99
31) Cyclohexane	7.61	56	137647	43.701	ug/l 98
32) 1,1,1-Trichloroethane	7.53	97	164016	49.793	ug/l 99
36) 1,1-Dichloropropene	7.75	75	137160	47.772	ug/l 99
37) Ethyl Acetate	6.88	43	124563	45.039	ug/l 99
38) Carbon Tetrachloride	7.73	117	146344	48.987	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	135013	43.683	ug/l	97
40) Benzene	8.00	78	427779	48.622	ug/l	99
41) Methacrylonitrile	7.13	41	61421	48.131	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	144322	48.626	ug/l	99
43) Isopropyl Acetate	8.13	43	212955	47.852	ug/l	100
44) Trichloroethene	8.80	130	119891	46.185	ug/l	96
45) 1,2-Dichloropropane	9.08	63	119279	52.352	ug/l	98
46) Dibromomethane	9.17	93	76914	50.530	ug/l	97
47) Bromodichloromethane	9.37	83	155528	50.781	ug/l	100
48) Methyl methacrylate	9.17	41	106341	50.008	ug/l	99
49) 1,4-Dioxane	9.16	88	36285	902.808	ug/l	96
51) 4-Methyl-2-Pentanone	9.95	43	661882	247.738	ug/l	99
52) Toluene	10.12	92	275152	50.783	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	167641	49.143	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	182415	49.889	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	112694	50.580	ug/l	98
56) Ethyl methacrylate	10.40	69	157227	51.138	ug/l	99
57) 1,3-Dichloropropane	10.68	76	186028	50.616	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	407264	240.808	ug/l	100
59) 2-Hexanone	10.72	43	472512	245.743	ug/l	98
60) Dibromochloromethane	10.87	129	128409	51.848	ug/l	100
61) 1,2-Dibromoethane	10.97	107	112961	49.903	ug/l	98
64) Tetrachloroethene	10.60	164	123042	45.569	ug/l	97
65) Chlorobenzene	11.41	112	301351	50.563	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	118619	54.157	ug/l	99
67) Ethyl Benzene	11.48	91	512115	51.436	ug/l	99
68) m/p-Xylenes	11.59	106	400763	106.315	ug/l	99
69) o-Xylene	11.92	106	191854	53.633	ug/l	100
70) Styrene	11.94	104	333369	55.205	ug/l	99
71) Bromoform	12.10	173	89669	51.257	ug/l #	99
73) Isopropylbenzene	12.22	105	505089	51.418	ug/l	100
74) N-amyl acetate	12.05	43	188459	48.750	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	149252	51.837	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	134348m	44.173	ug/l	
77) Bromobenzene	12.50	156	132682	50.100	ug/l	97
78) n-propylbenzene	12.56	91	566600	50.632	ug/l	99
79) 2-Chlorotoluene	12.65	91	342370	49.494	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	432667	52.990	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	52357	47.181	ug/l	97
82) 4-Chlorotoluene	12.75	91	361915	49.914	ug/l	99
83) tert-Butylbenzene	12.97	119	358168	52.334	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	439833	53.278	ug/l	100
85) sec-Butylbenzene	13.14	105	461539	50.792	ug/l	100
86) p-Isopropyltoluene	13.26	119	424079	51.261	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	234167	49.768	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	236415	47.511	ug/l	100
89) n-Butylbenzene	13.59	91	343326	47.256	ug/l	99
90) Hexachloroethane	13.85	117	74869	52.095	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	233494	50.540	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	29965	46.253	ug/l	99

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QLast Update : Mon Nov 23 13:54:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	117491	41.110	ug/l	99
94) Hexachlorobutadiene	14.98	225	61679	47.941	ug/l	100
95) Naphthalene	15.10	128	354036	41.349	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	113348	41.964	ug/l	99

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

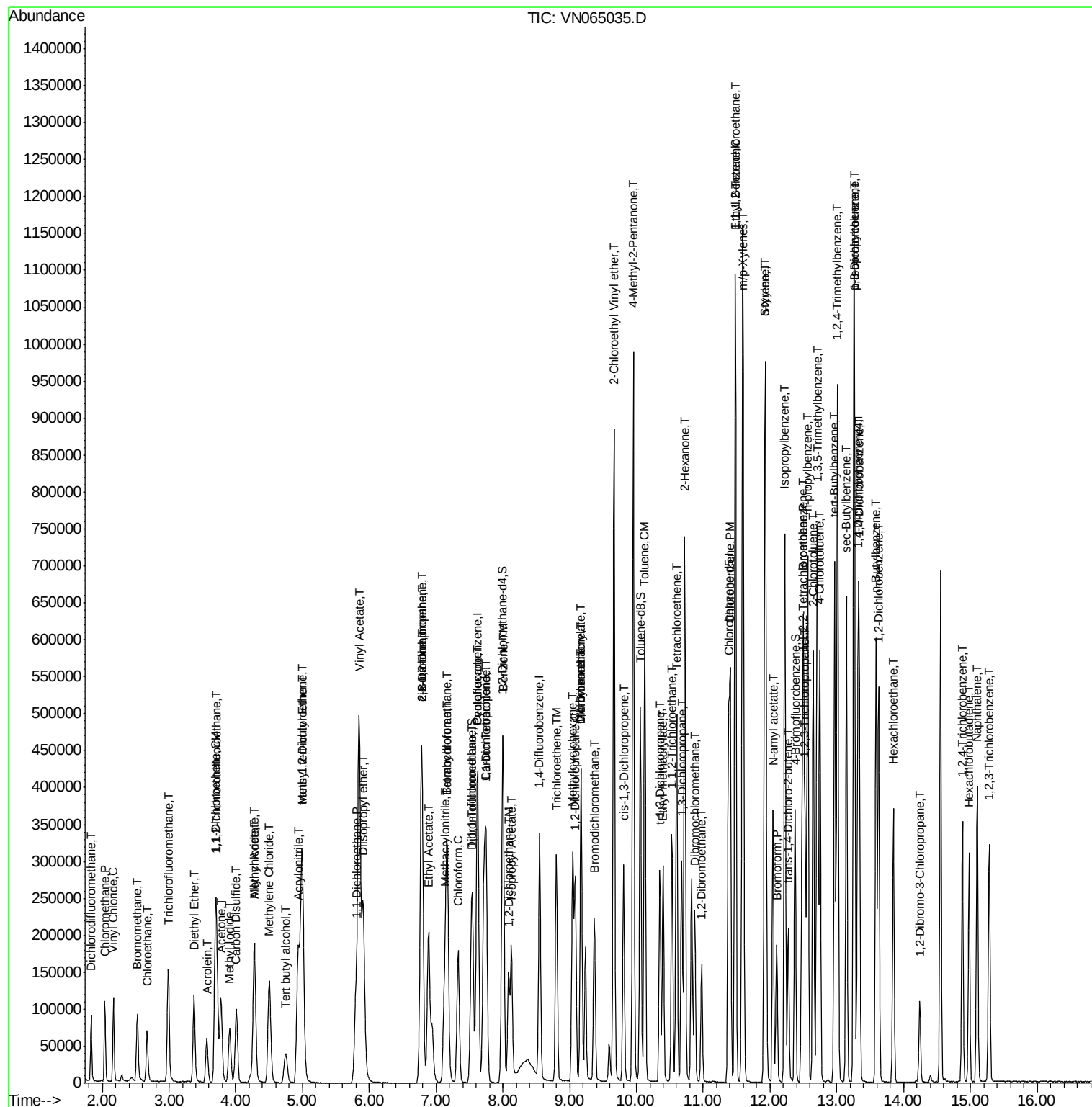
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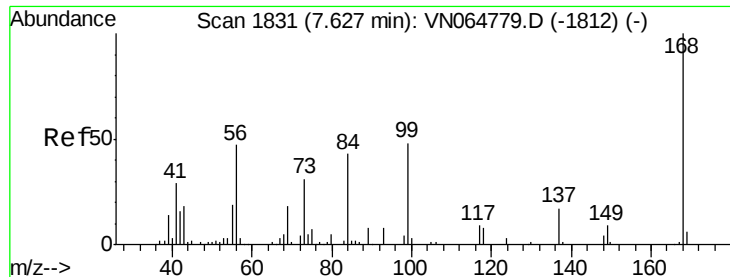
Instrument :
 MSVOA_N
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 194388

Ion Ratio Lower Upper

168 100

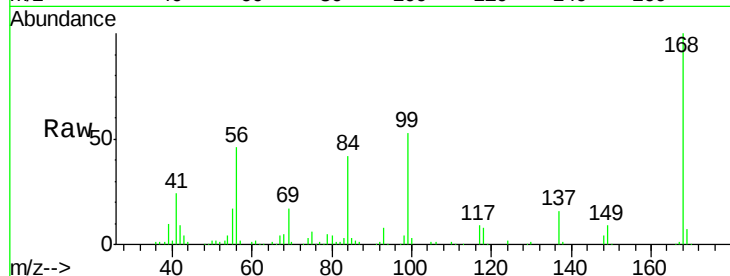
99 52.3 43.0 64.4

Manual Integrations

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12/10/2020 9:14:52 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

80000

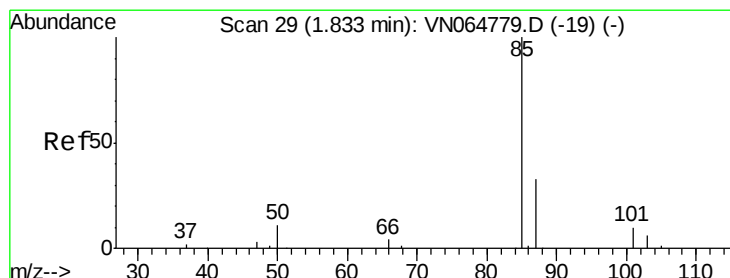
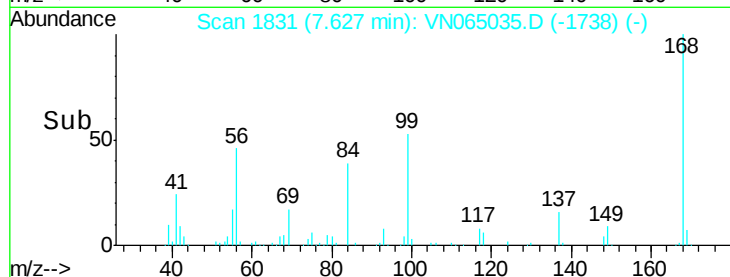
60000

40000

20000

0

Time--> 7.50 7.60 7.70



#2

Dichlorodifluoromethane

Concen: 40.643 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN065035.D

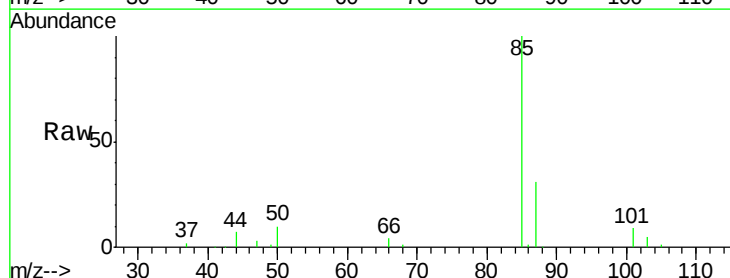
Acq: 9 Dec 2020 21:03

Tgt Ion: 85 Resp: 68472

Ion Ratio Lower Upper

85 100

87 30.6 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

60000

50000

40000

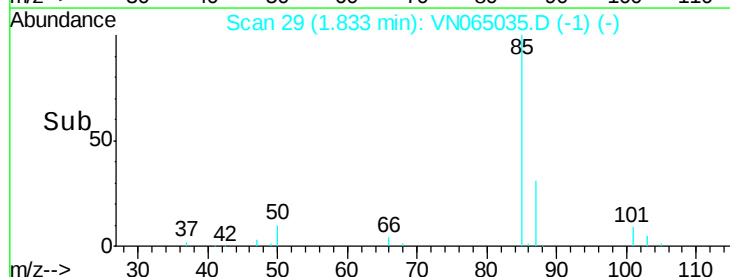
30000

20000

10000

0

Time--> 1.80 1.85 1.90





#3

Chloromethane

Concen: 42.610 ug/l

RT: 2.04 min Scan# 93

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 93285

Ion Ratio Lower Upper

50 100

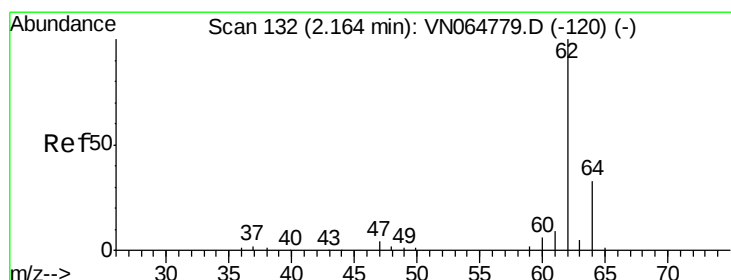
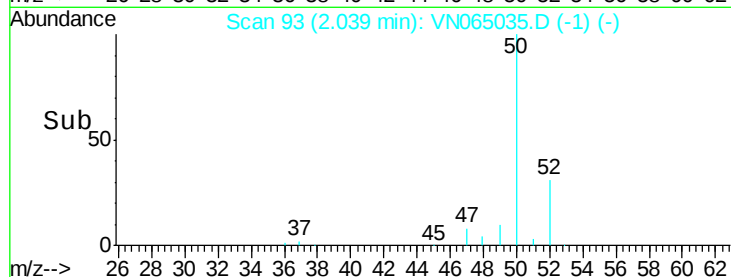
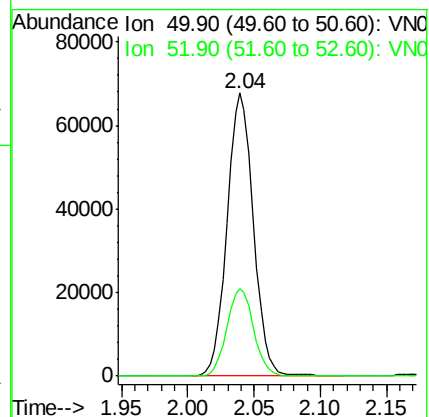
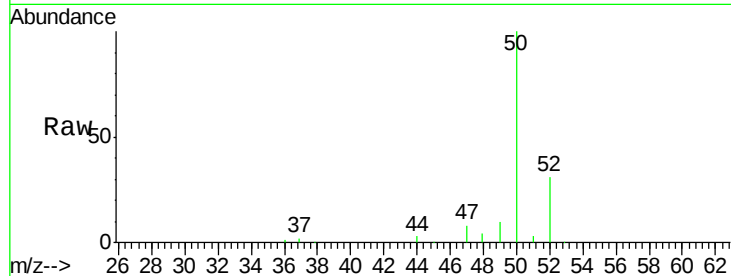
52 31.1 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 44.114 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN065035.D

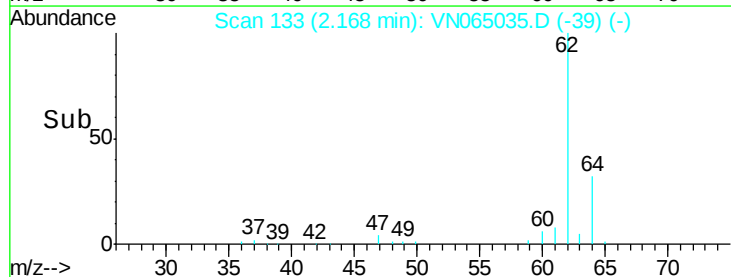
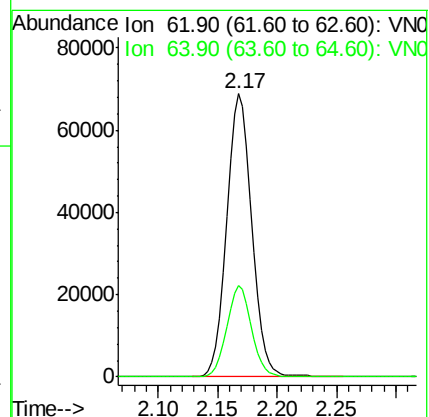
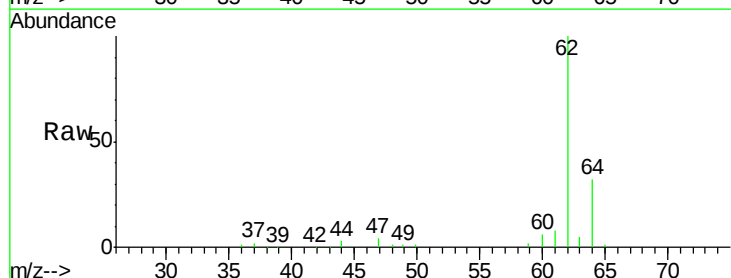
Acq: 9 Dec 2020 21:03

Tgt Ion: 62 Resp: 100691

Ion Ratio Lower Upper

62 100

64 32.3 26.5 39.7





#5

Bromomethane

Concen: 43.489 ug/l

RT: 2.52 min Scan# 244

Delta R.T. -0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 65125

Ion Ratio Lower Upper

94 100

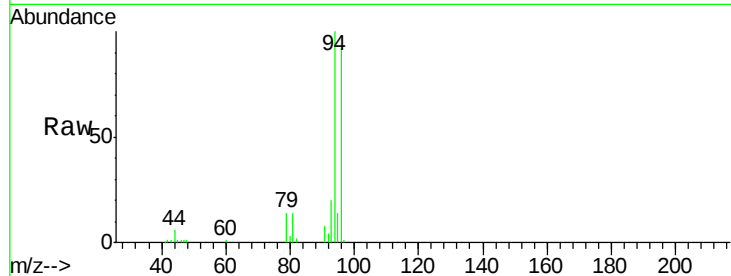
96 91.8 75.4 113.0

Manual Integrations

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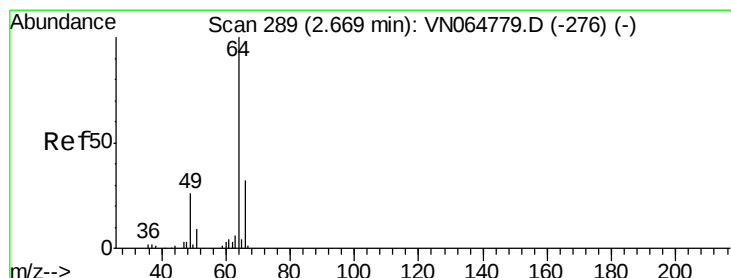
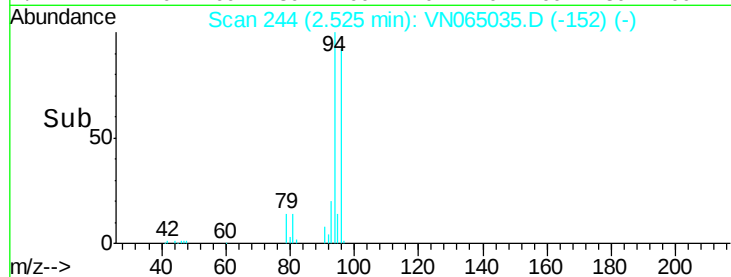
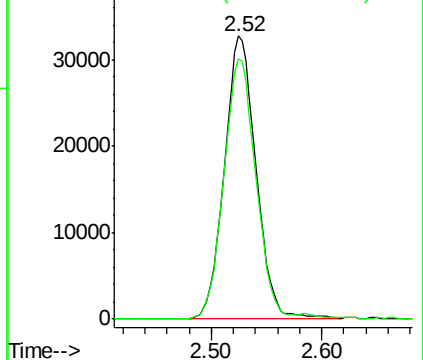
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Abundance Ion 93.90 (93.60 to 94.60): VNO

Ion 95.90 (95.60 to 96.60): VNO



#6

Chloroethane

Concen: 47.149 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN065035.D

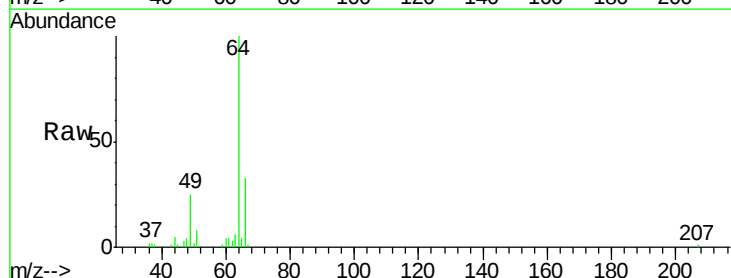
Acq: 9 Dec 2020 21:03

Tgt Ion: 64 Resp: 66561

Ion Ratio Lower Upper

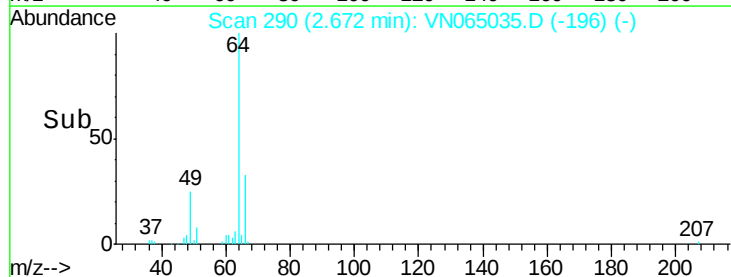
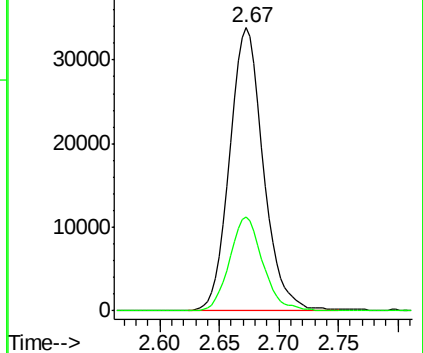
64 100

66 33.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VNO

Ion 65.90 (65.60 to 66.60): VNO





#7

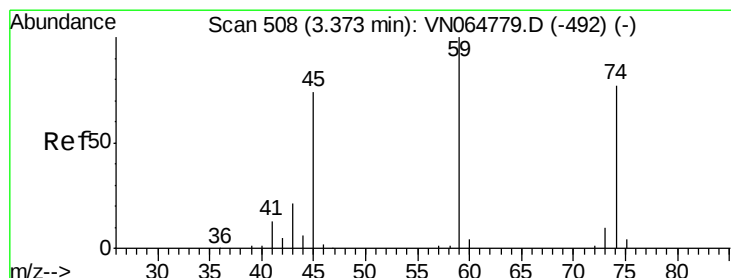
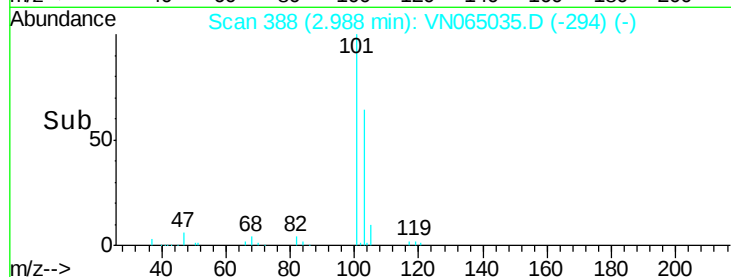
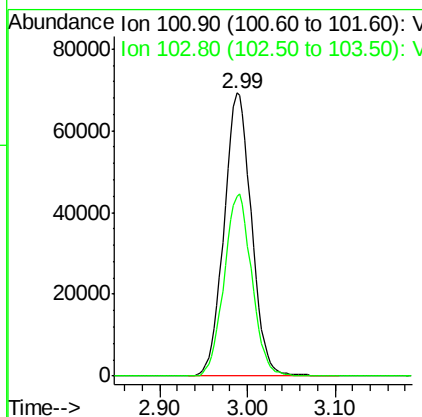
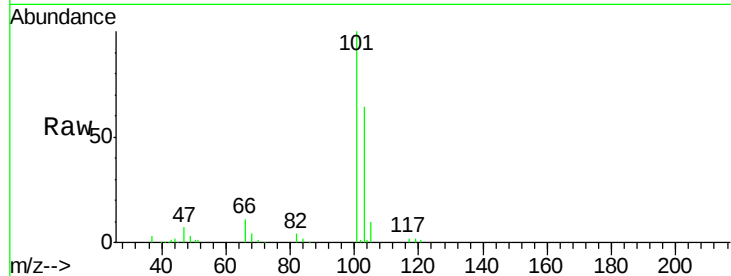
Trichlorofluoromethane
Concen: 47.808 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	150842		
103	63.7	50.5	75.7	

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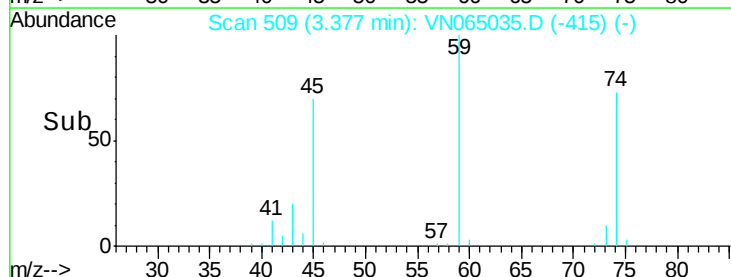
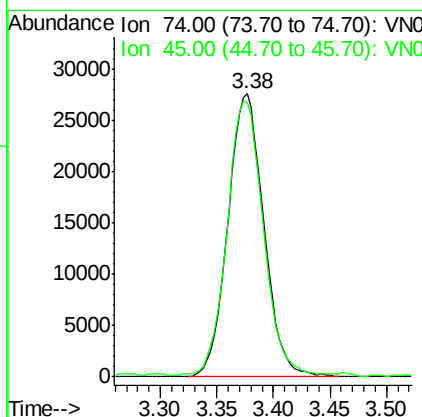
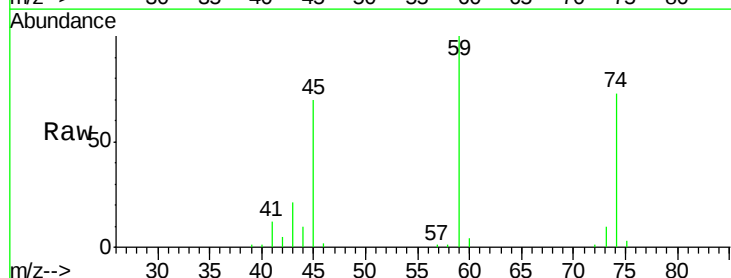
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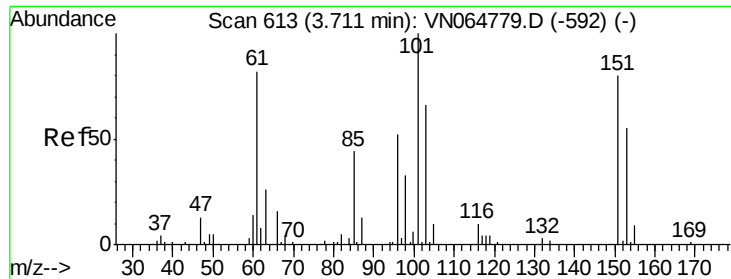


#8

Diethyl Ether
Concen: 48.959 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	60974		
45	97.0	48.9	146.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.352 ug/l

RT: 3.71 min Scan# 614

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

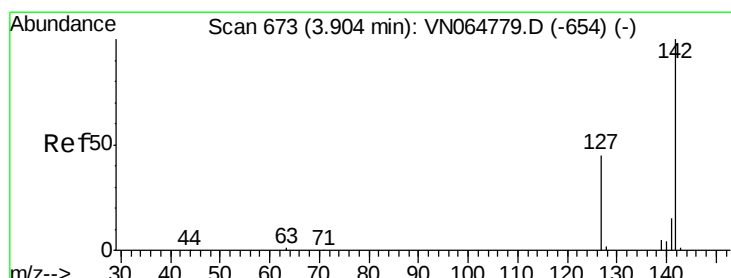
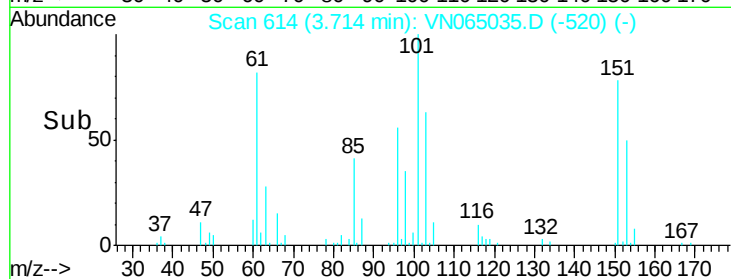
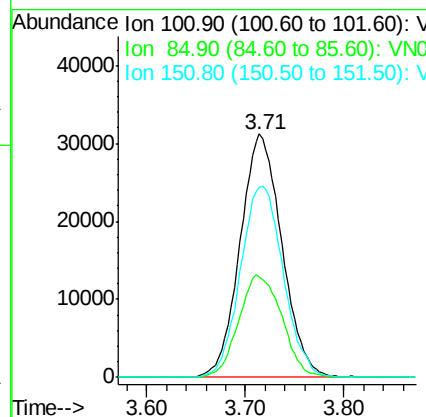
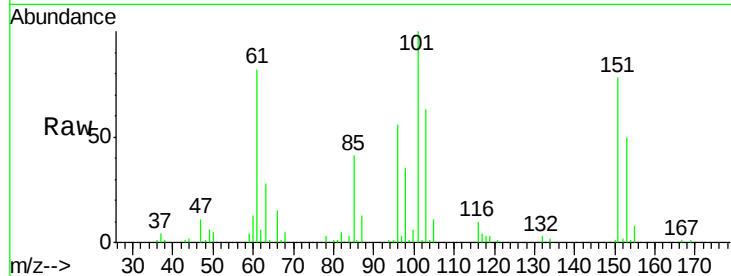
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	91516
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.4	51.6
151	80.7	64.0	96.0

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#10

Methyl Iodide

Concen: 47.243 ug/l

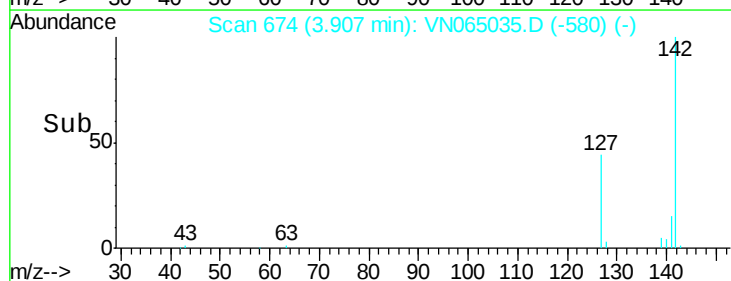
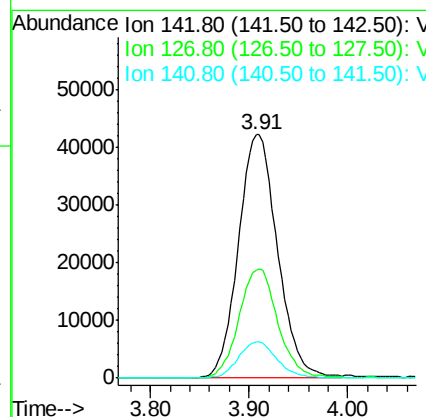
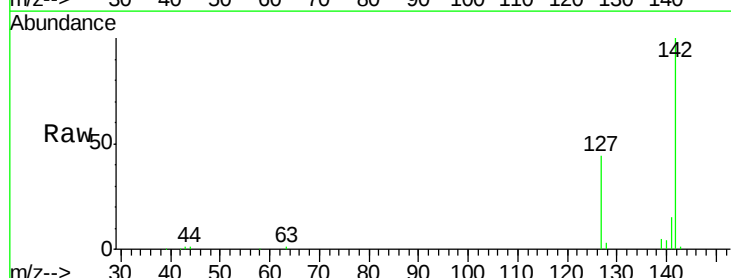
RT: 3.91 min Scan# 674

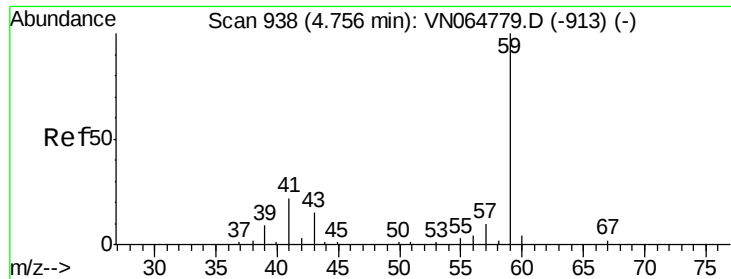
Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Tgt Ion:	142	Resp:	115982
Ion Ratio	Lower	Upper	
142	100		
127	44.4	35.0	52.6
141	14.7	11.8	17.6





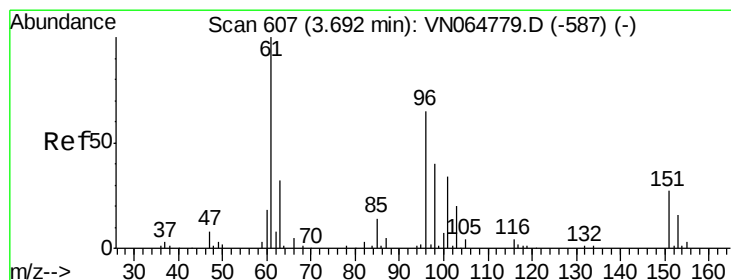
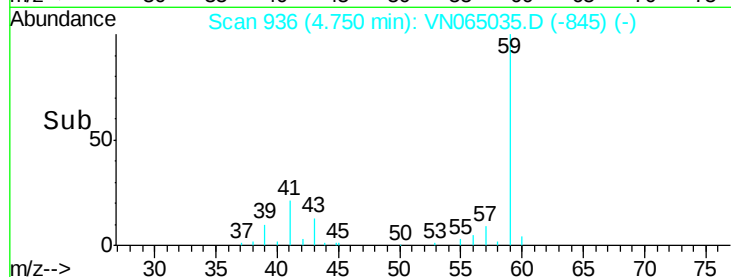
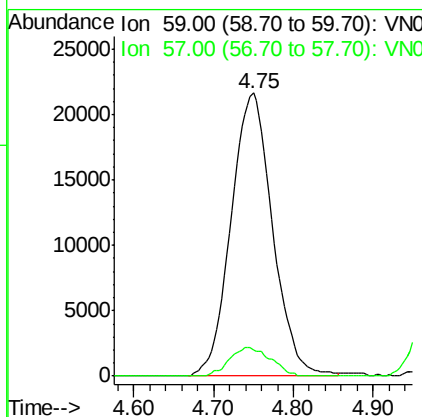
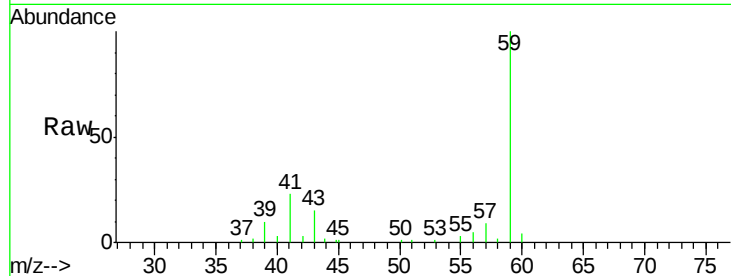
#11
Tert butyl alcohol
Concen: 216.428 ug/l
RT: 4.75 min Scan# 936
Delta R.T. -0.01 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 59 Resp: 76277
Ion Ratio Lower Upper
59 100
57 10.0 7.9 11.9

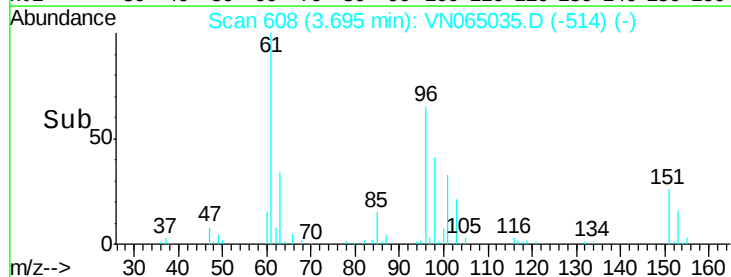
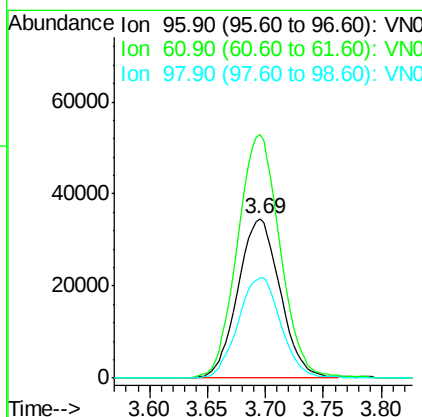
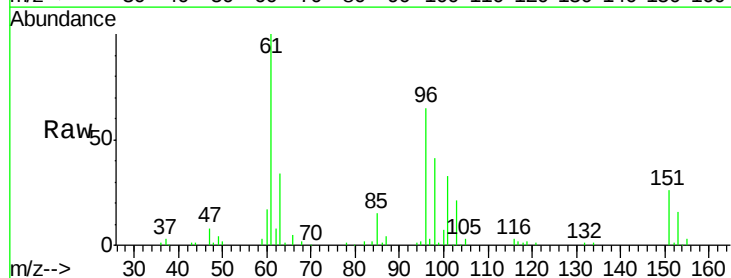
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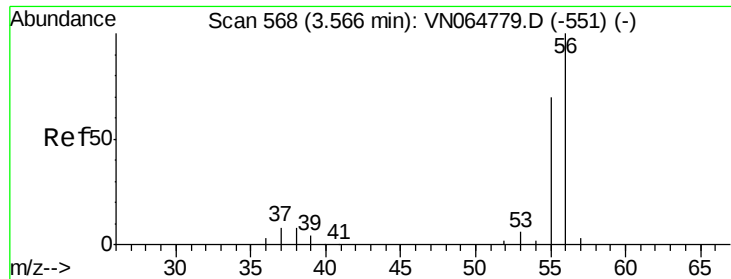
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#12
1,1-Dichloroethene
Concen: 46.624 ug/l
RT: 3.69 min Scan# 608
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion: 96 Resp: 87885
Ion Ratio Lower Upper
96 100
61 153.0 123.4 185.2
98 63.3 49.8 74.8





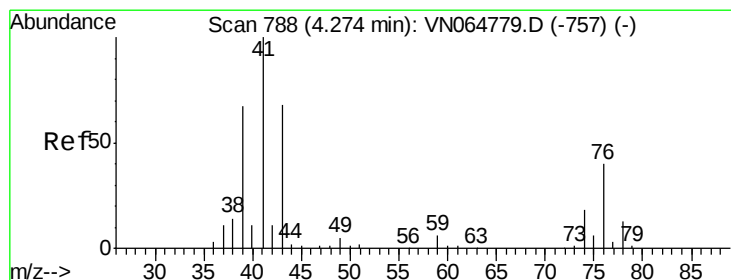
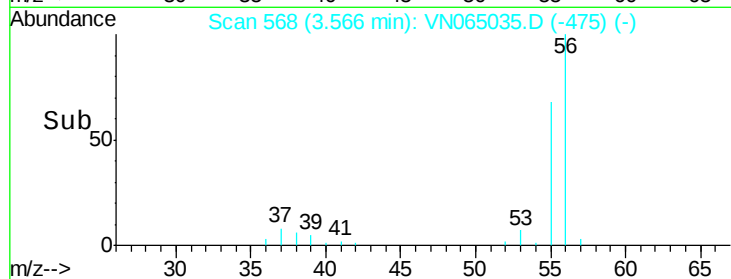
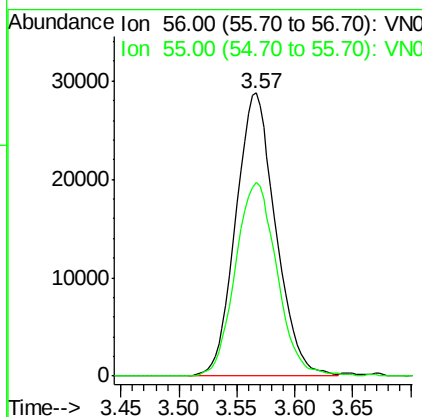
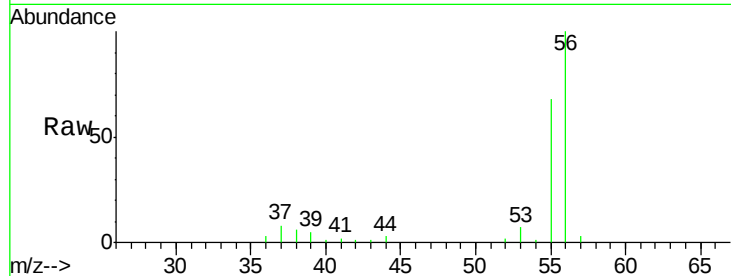
#13
Acrolein
Concen: 319.431 ug/l
RT: 3.57 min Scan# 568
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 68765
Ion Ratio Lower Upper
56 100
55 71.5 56.5 84.7

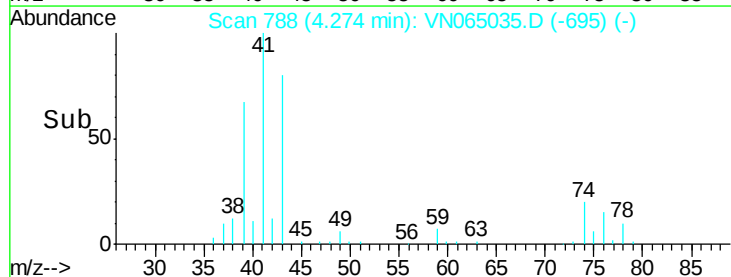
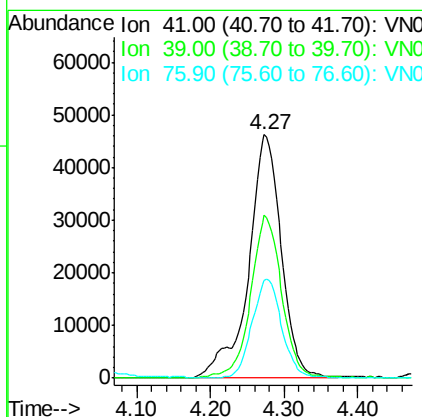
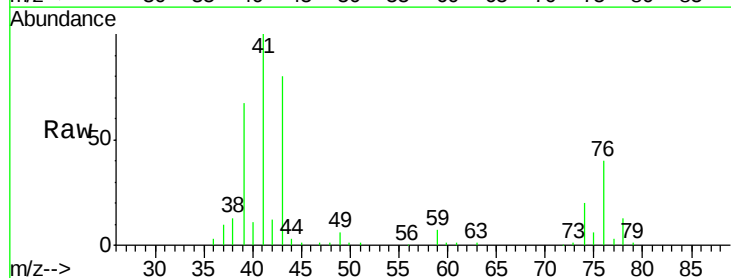
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#14
Allyl chloride
Concen: 46.069 ug/l
RT: 4.27 min Scan# 788
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion: 41 Resp: 143229
Ion Ratio Lower Upper
41 100
39 62.8 50.9 76.3
76 36.7 29.0 43.4





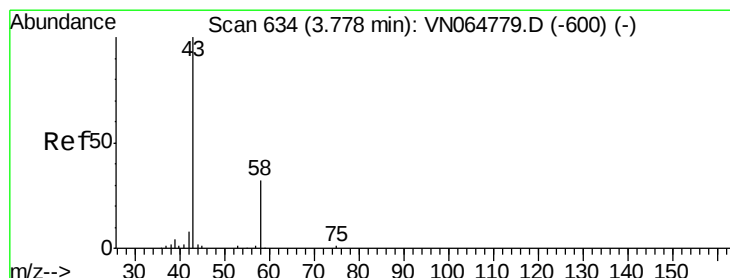
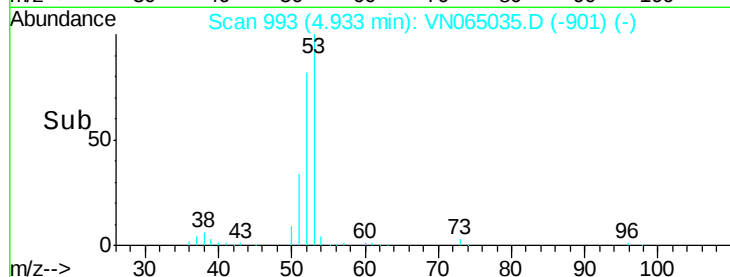
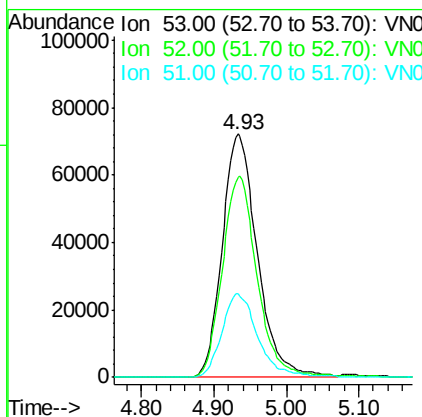
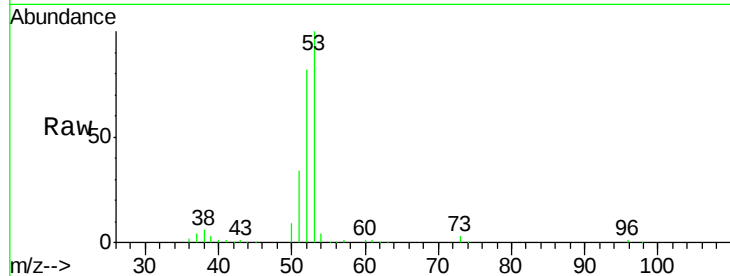
#15
 Acrylonitrile
 Concen: 249.129 ug/l
 RT: 4.93 min Scan# 993
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	53	Resp:	242555
Ion	Ratio	Lower	Upper
53	100		
52	81.4	65.5	98.3
51	35.4	28.6	43.0

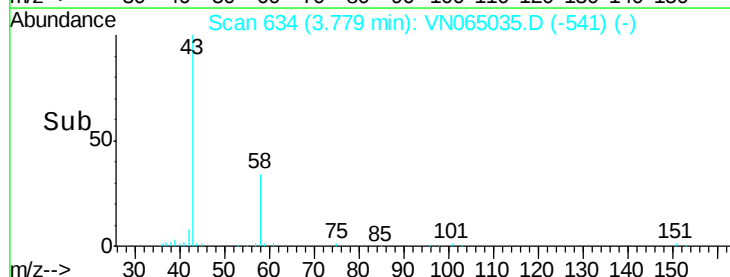
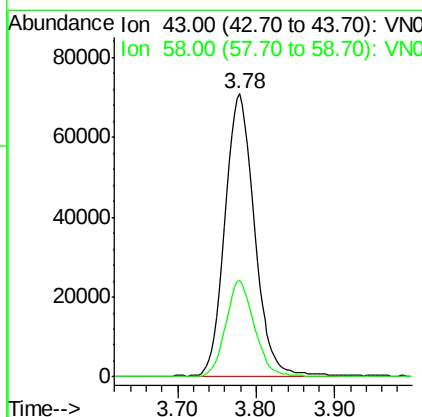
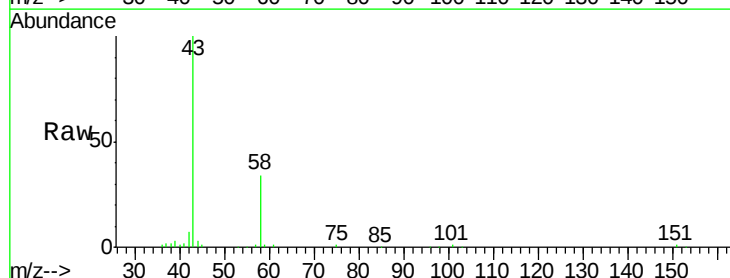
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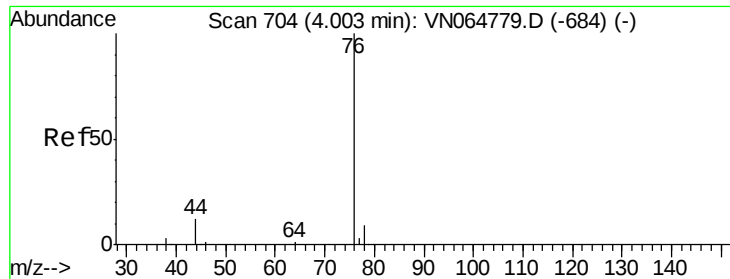
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#16
 Acetone
 Concen: 246.224 ug/l
 RT: 3.78 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion:	43	Resp:	182917
Ion	Ratio	Lower	Upper
43	100		
58	34.2	25.7	38.5





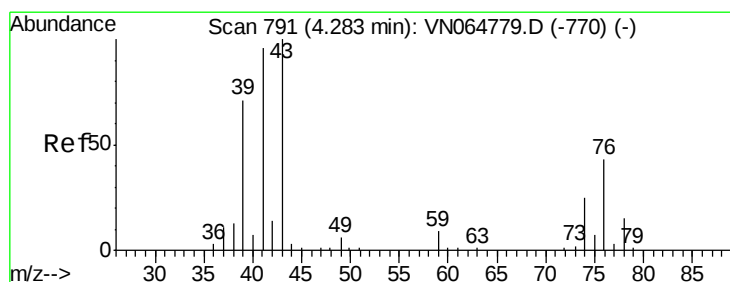
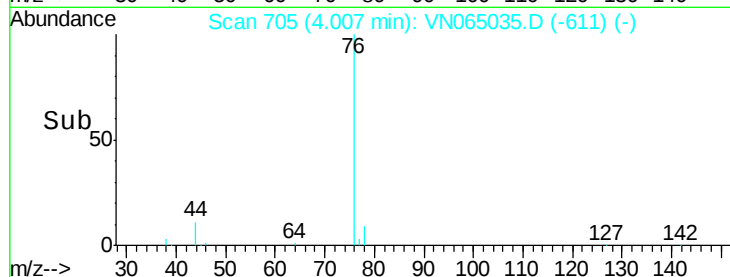
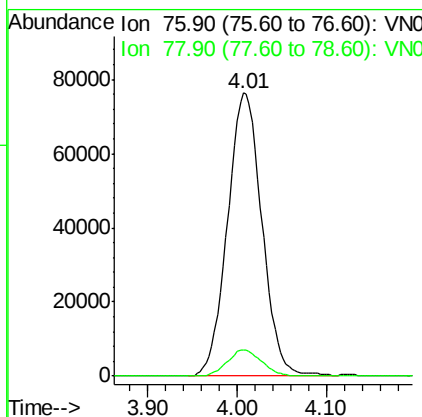
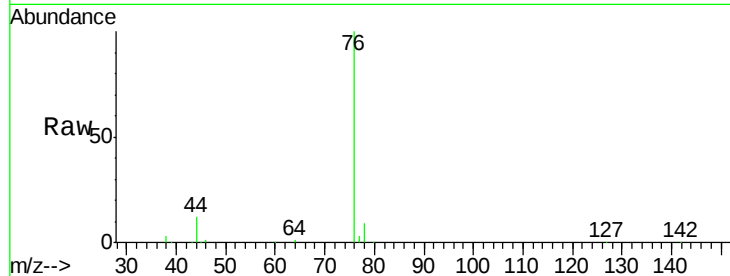
#17
Carbon Disulfide
Concen: 41.913 ug/l
RT: 4.01 min Scan# 705
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0

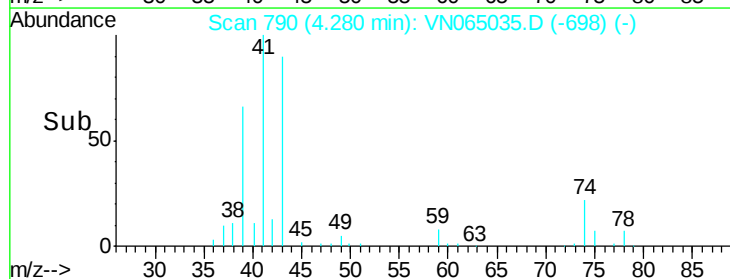
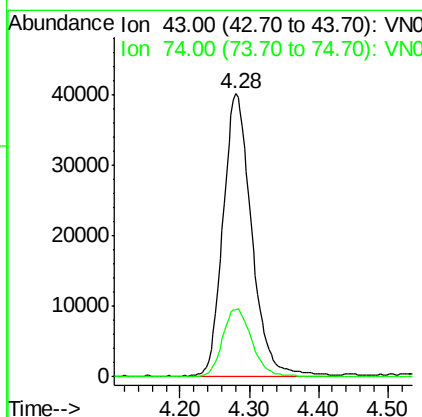
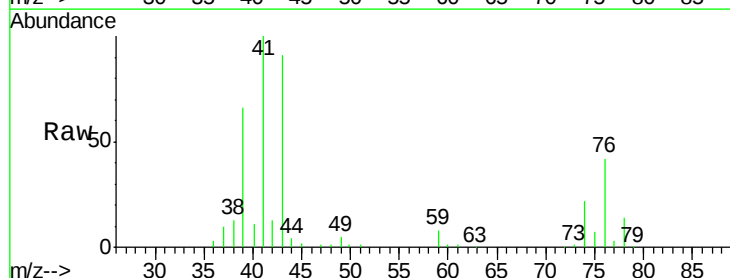
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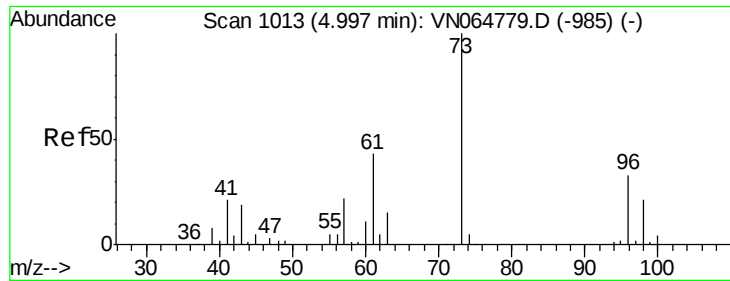
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#18
Methyl Acetate
Concen: 52.217 ug/l
RT: 4.28 min Scan# 790
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	20.2	30.2





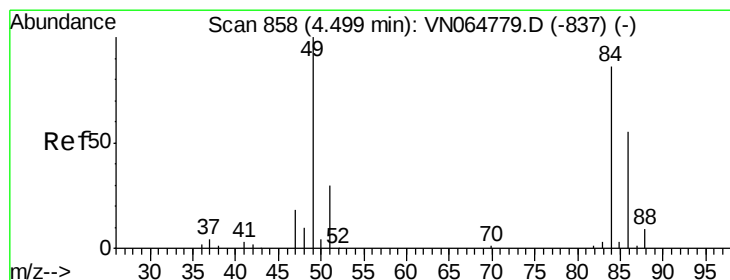
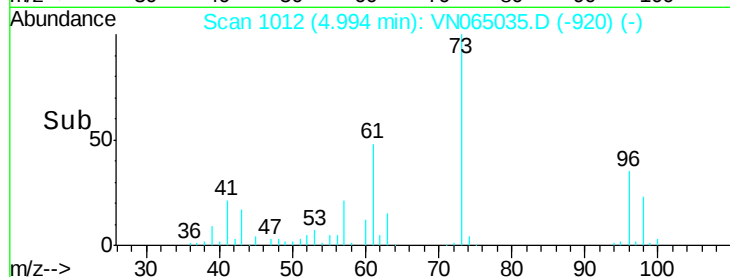
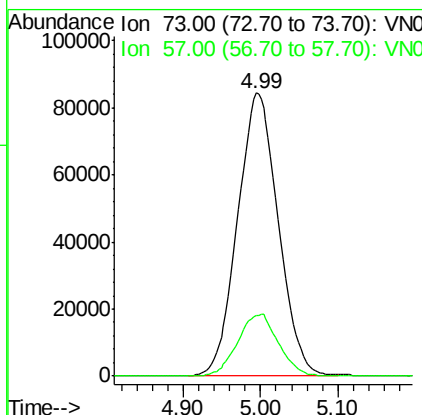
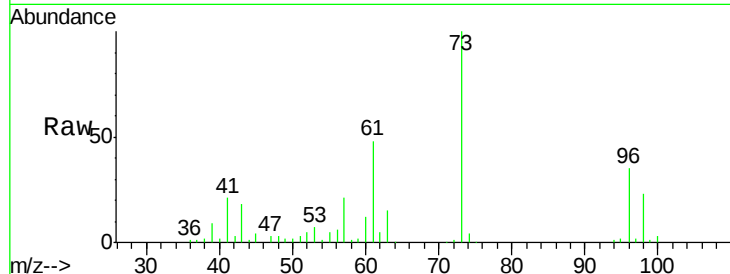
#19
Methvl tert-butvl Ether
Concen: 51.152 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 309240
Ion Ratio Lower Upper
73 100
57 21.3 17.4 26.0

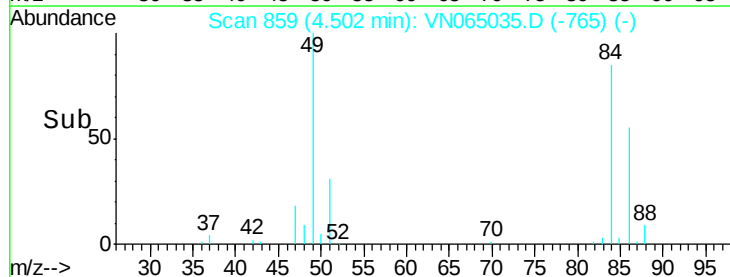
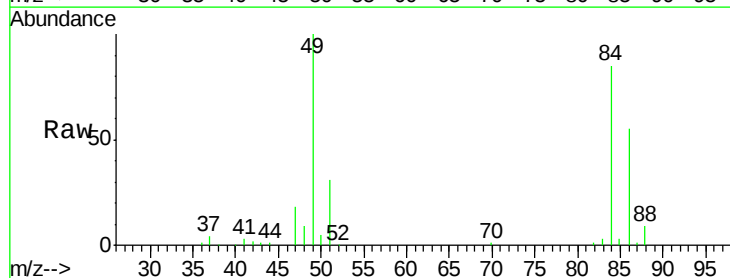
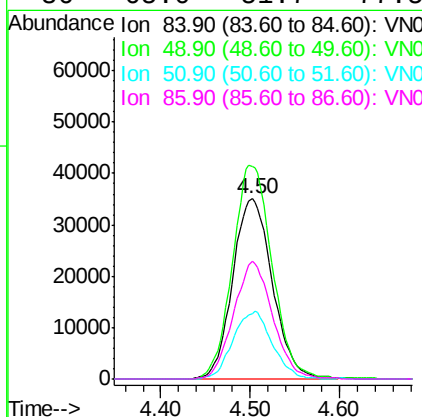
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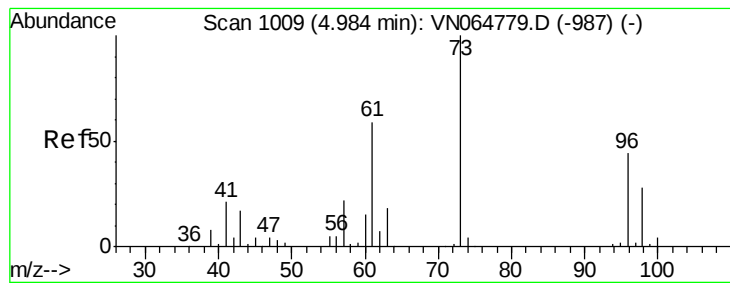
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#20
Methylene Chloride
Concen: 46.635 ug/l
RT: 4.50 min Scan# 859
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion: 84 Resp: 108560
Ion Ratio Lower Upper
84 100
49 118.0 93.4 140.0
51 36.3 28.2 42.4
86 65.0 51.7 77.5





#21

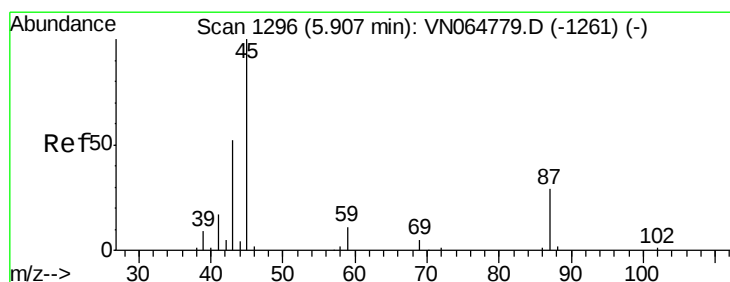
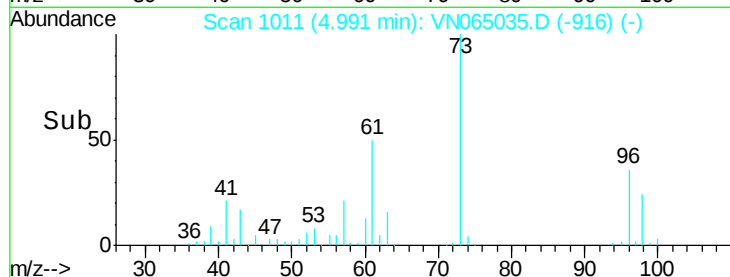
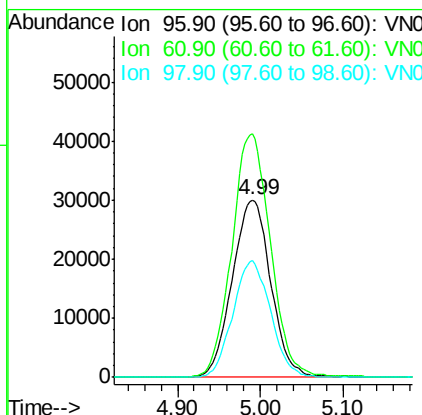
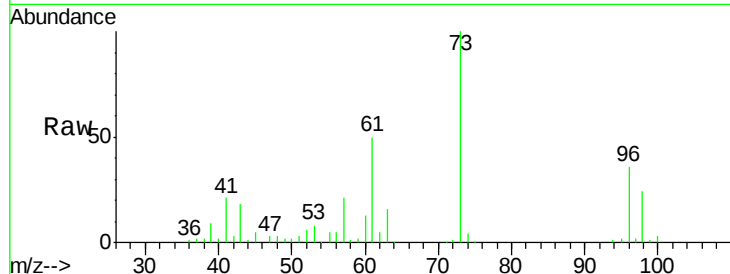
trans-1,2-Dichloroethene
Concen: 46.254 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.01 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.2	108.4	162.6
98	65.5	51.3	76.9

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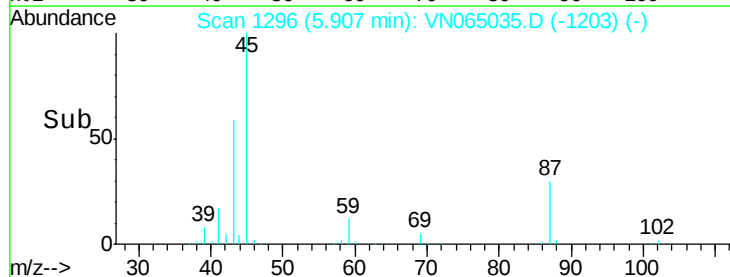
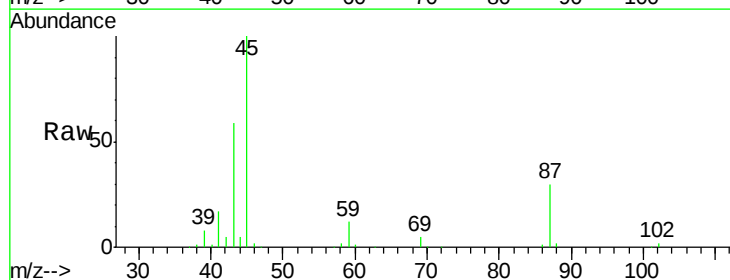
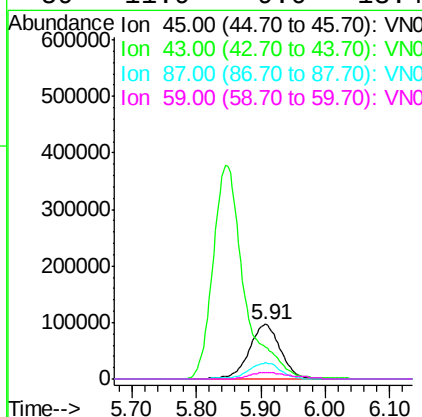
MMDadoda
12/10/2020 9:14:52 AM

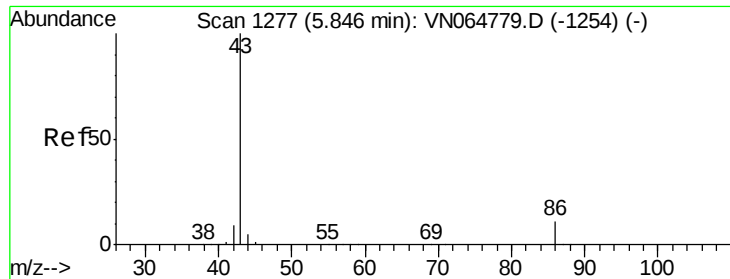


#22

Diisopropyl ether
Concen: 52.411 ug/l
RT: 5.91 min Scan# 1296
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Lower	Upper
45	100		
43	57.4	46.2	69.2
87	29.7	24.1	36.1
59	11.9	9.0	13.4





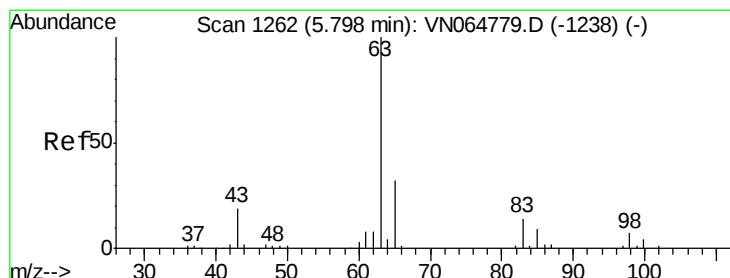
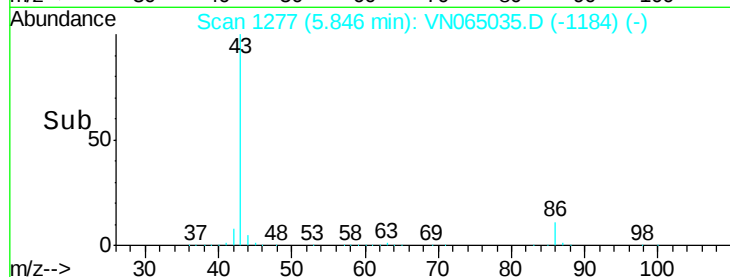
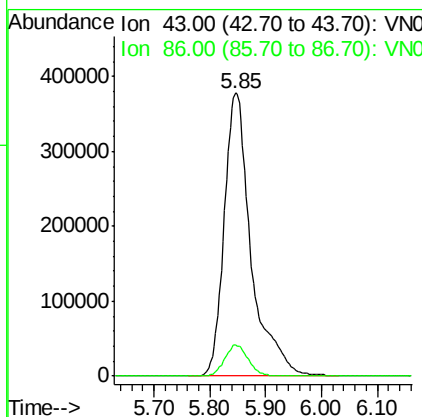
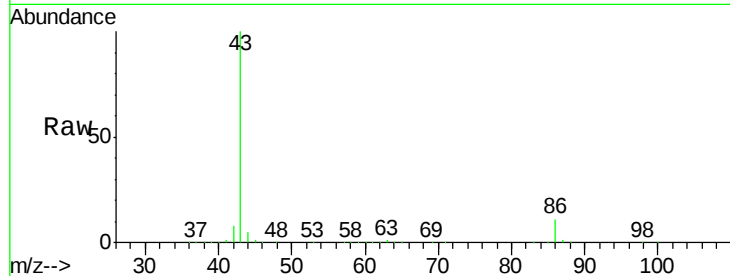
#23
 Vinyl Acetate
 Concen: 255.683 ug/l
 RT: 5.85 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1272347
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.9 13.3

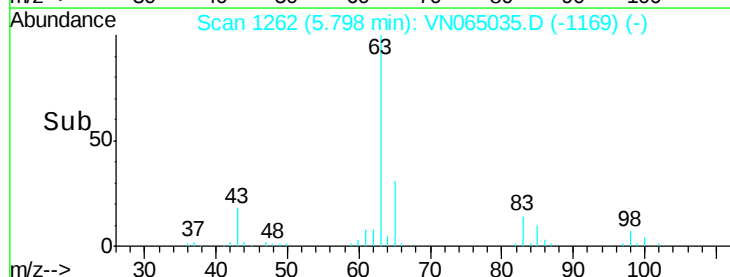
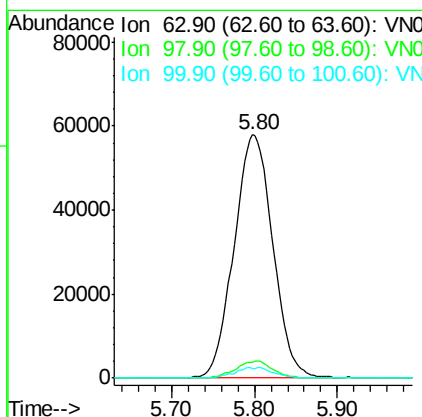
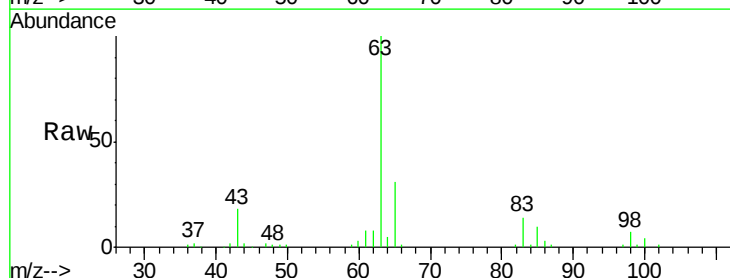
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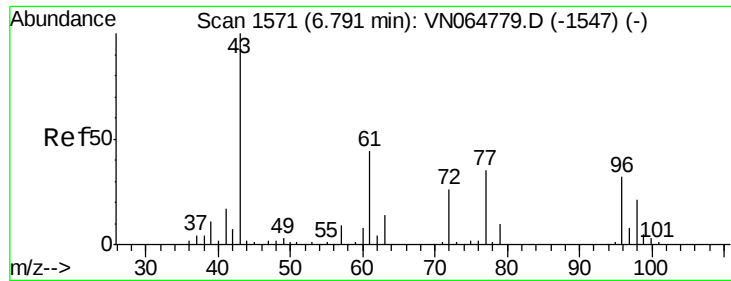
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 12/10/2020 9:14:52 AM



#24
 1,1-Dichloroethane
 Concen: 50.541 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion: 63 Resp: 187962
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.5
 100 4.1 2.3 6.8





#25

2-Butanone

Concen: 245.440 ug/l

RT: 6.79 min Scan# 1570

Delta R.T. -0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 295574

Ion Ratio Lower Upper

43 100

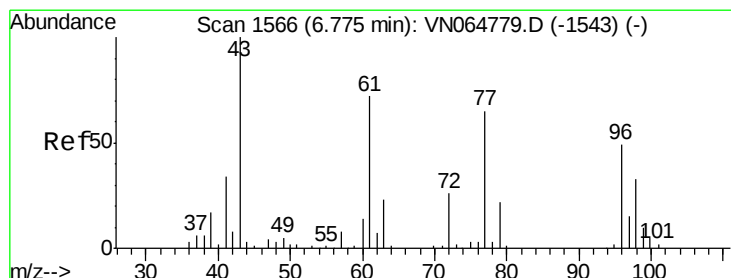
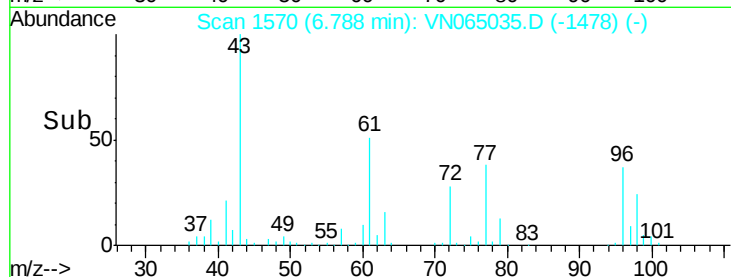
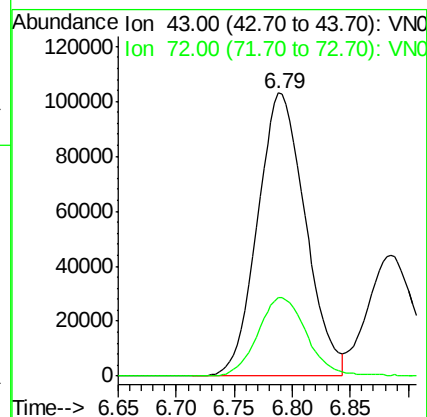
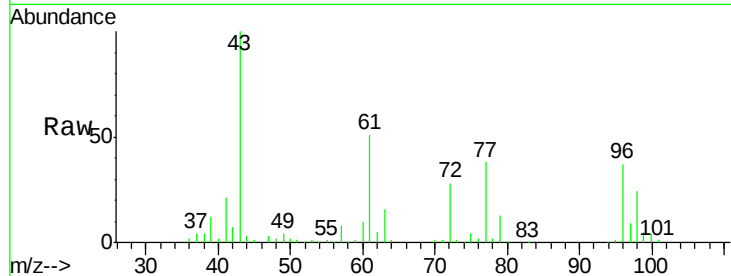
72 27.8 21.0 31.6

Manual Integrations

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12/10/2020 9:14:52 AM



#26

2,2-Dichloropropane

Concen: 44.575 ug/l

RT: 6.78 min Scan# 1566

Delta R.T. 0.00 min

Lab File: VN065035.D

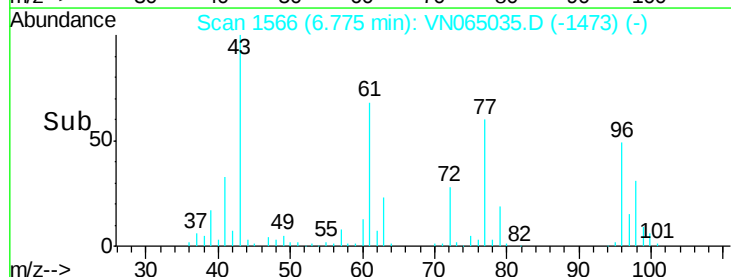
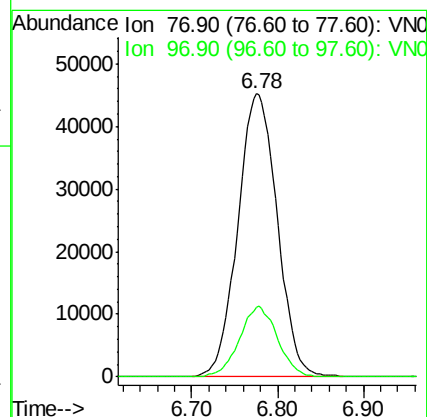
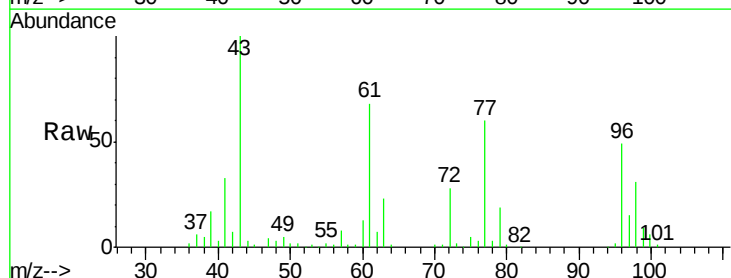
Acq: 9 Dec 2020 21:03

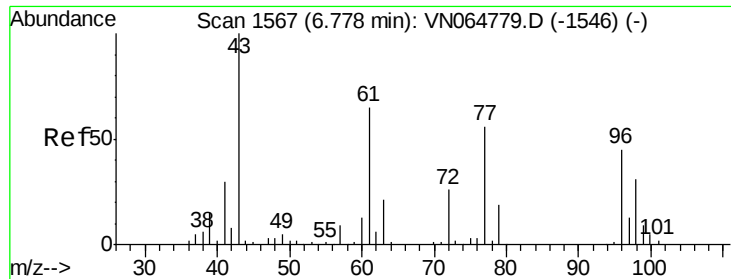
Tgt Ion: 77 Resp: 143776

Ion Ratio Lower Upper

77 100

97 24.1 11.7 35.0





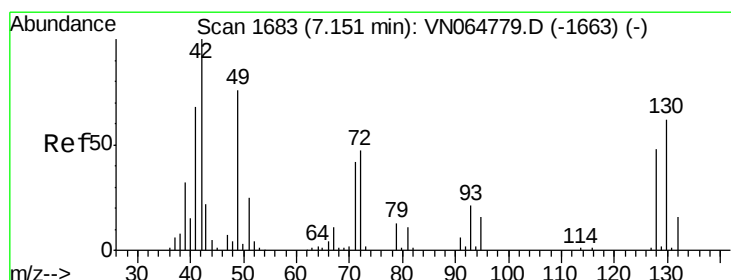
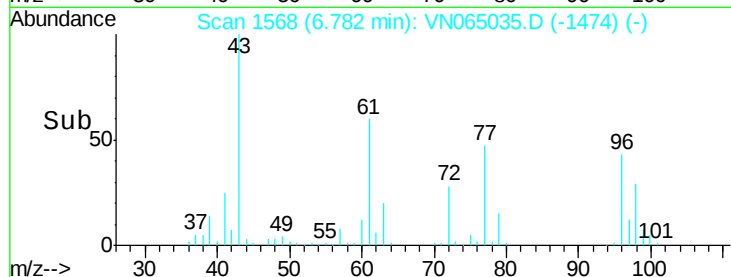
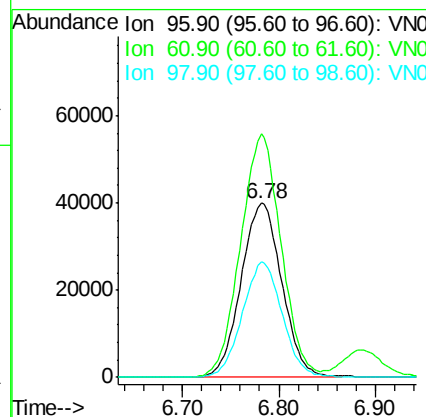
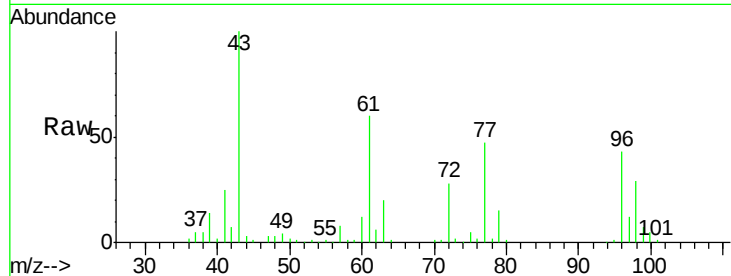
#27
 cis-1,2-Dichloroethene
 Concen: 49.668 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	116991		
61	138.8	0.0	285.8	
98	64.8	0.0	130.6	

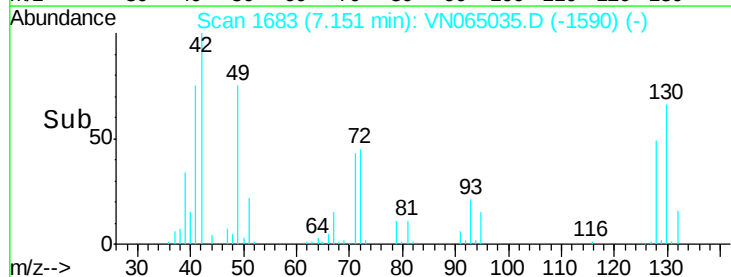
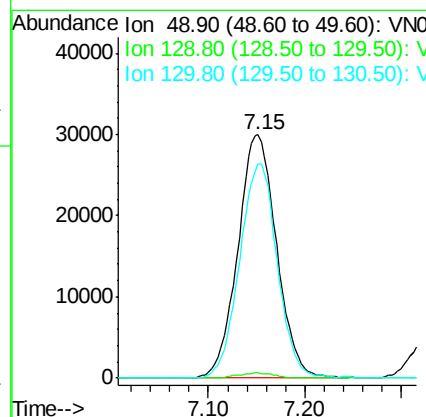
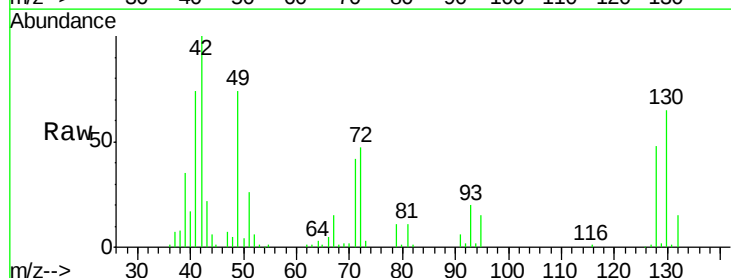
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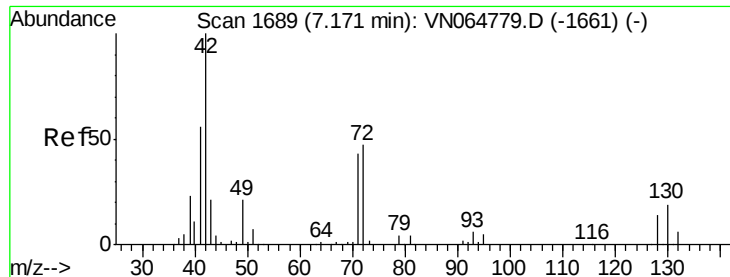
MMDadoda
 12/10/2020 9:14:52 AM



#28
 Bromochloromethane
 Concen: 48.933 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	83252		
129	1.8	0.0	3.8	
130	85.7	66.2	99.2	





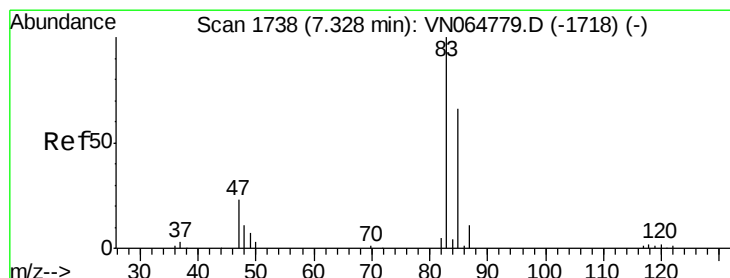
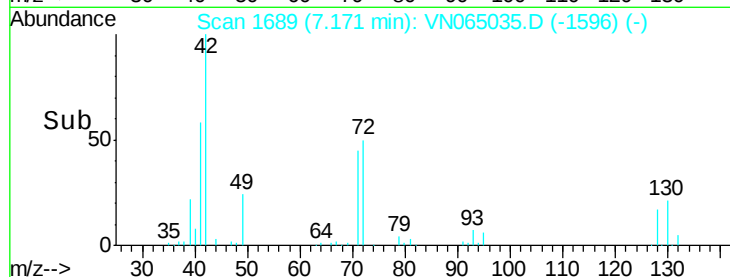
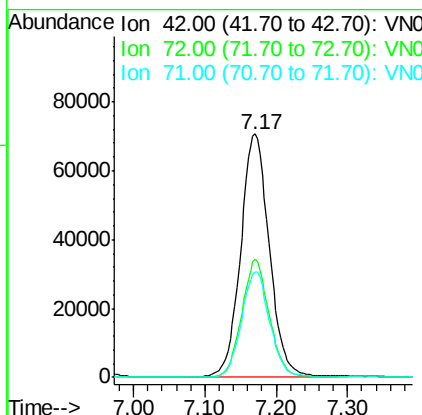
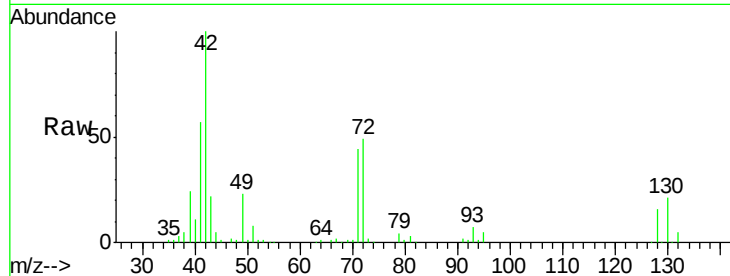
#29
Tetrahydrofuran
Concen: 238.881 ug/l
RT: 7.17 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	36.6	54.8
71	42.6	33.6	50.4

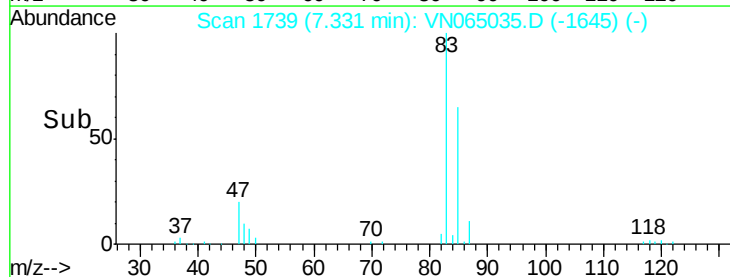
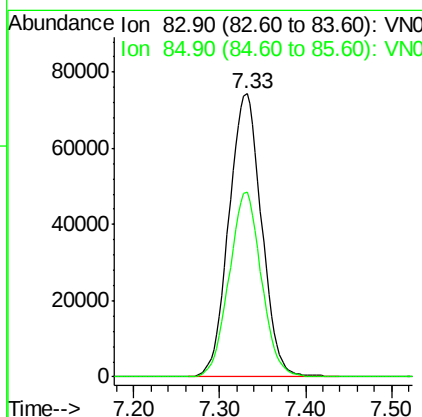
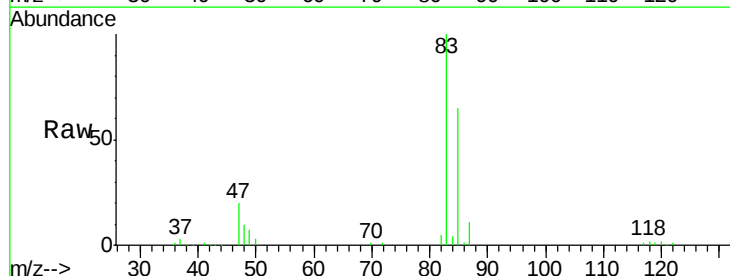
Manual Integrations
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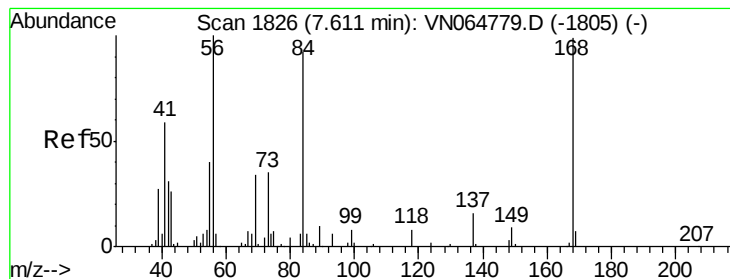
MMDadoda
12/10/2020 9:14:52 AM



#30
Chloroform
Concen: 51.149 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.3	52.6	78.8





#31

Cvclohexane

Concen: 43.701 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

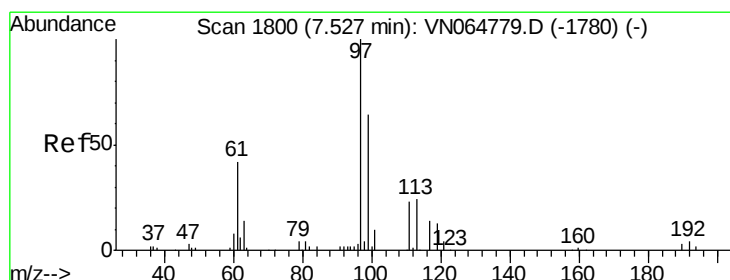
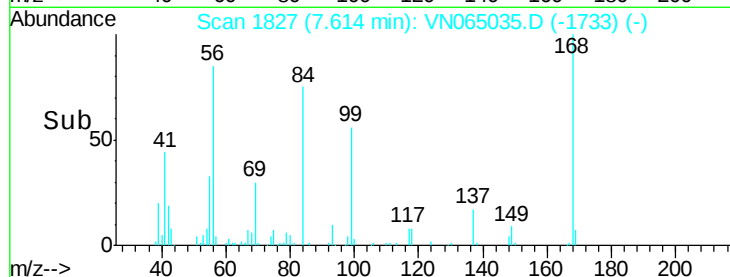
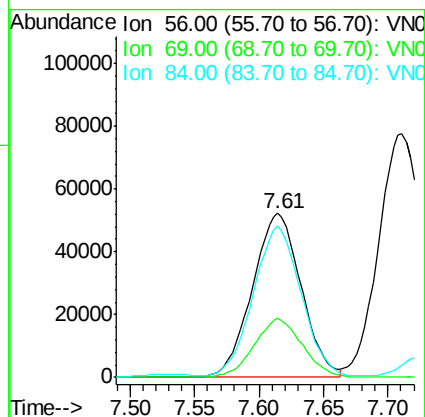
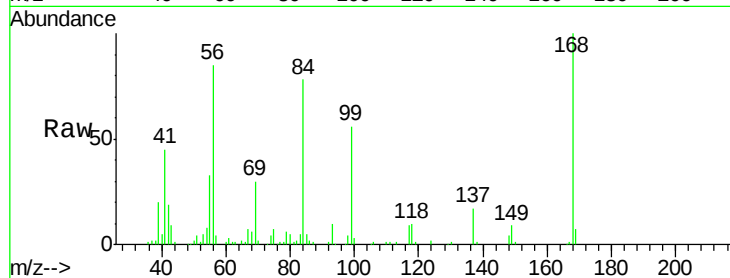
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	137647
Ion Ratio	Lower	Upper	
56	100		
69	35.9	27.5	41.3
84	90.8	73.9	110.9

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#32

1,1,1-Trichloroethane

Concen: 49.793 ug/l

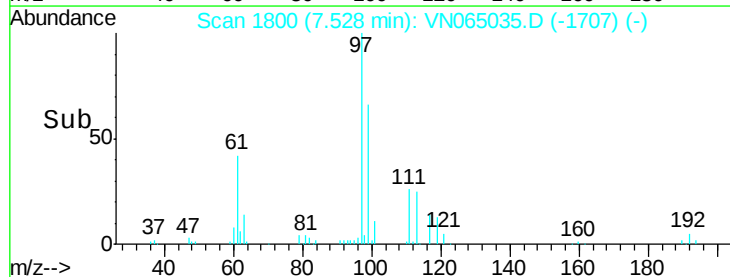
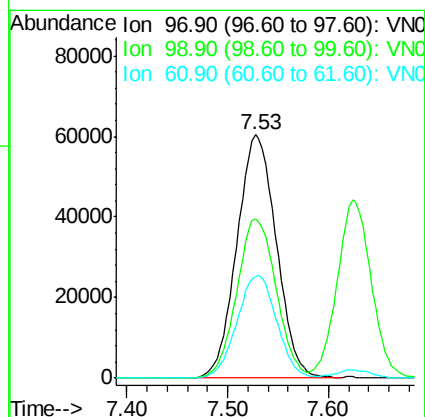
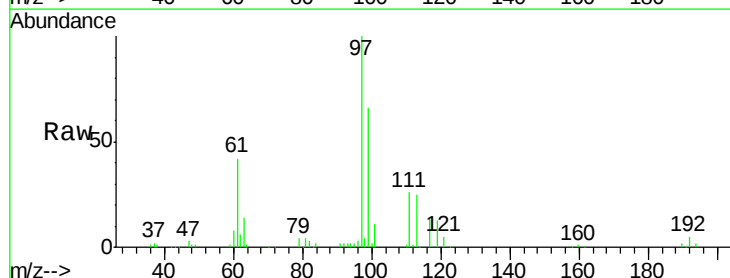
RT: 7.53 min Scan# 1800

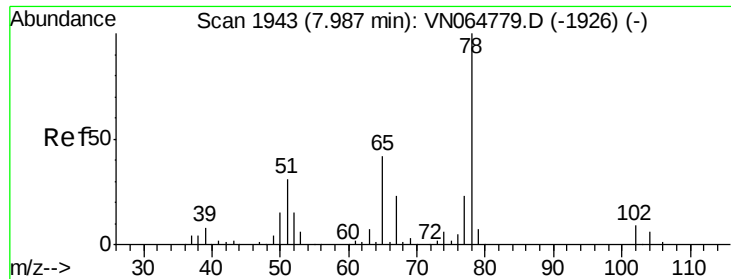
Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Tgt Ion:	97	Resp:	164016
Ion Ratio	Lower	Upper	
97	100		
99	65.3	51.7	77.5
61	42.5	33.9	50.9





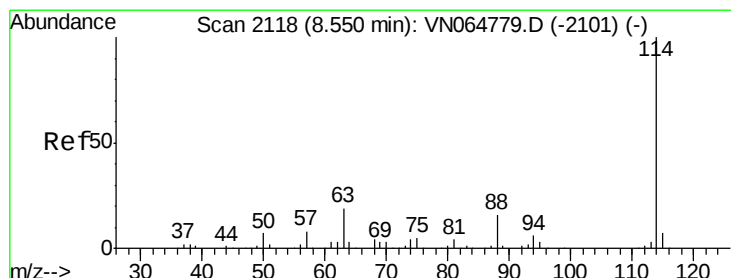
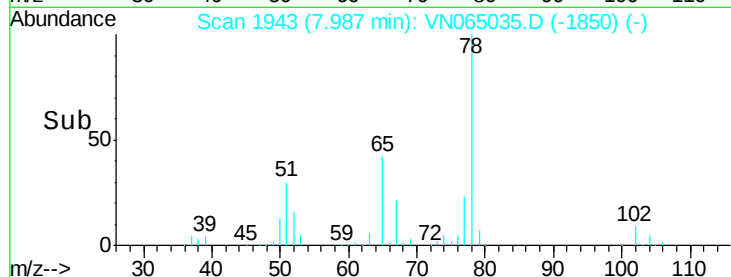
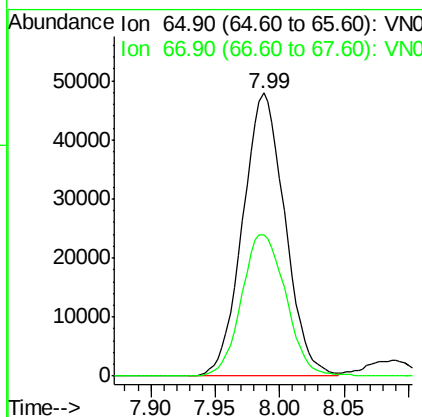
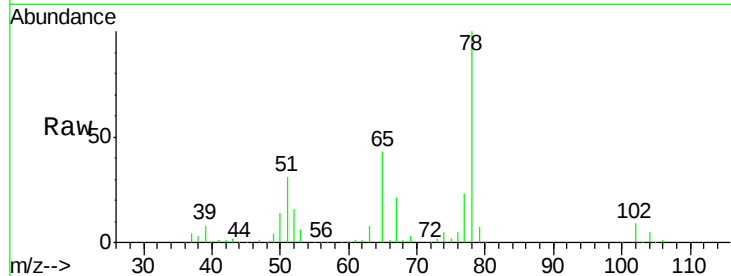
#33
 1,2-Dichloroethane-d4
 Concen: 48.451 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	109495		
67	52.3	0.0	108.2	

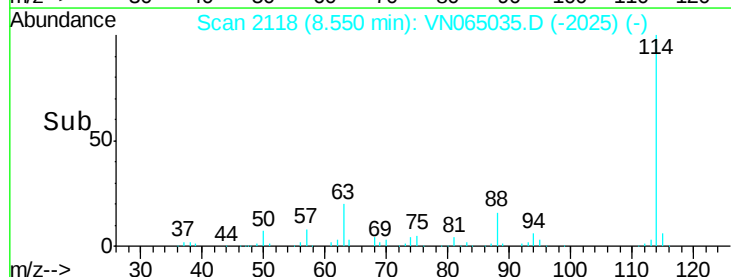
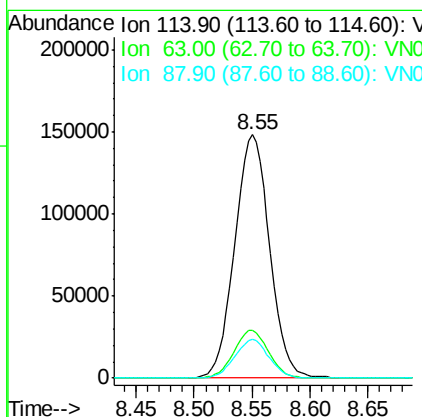
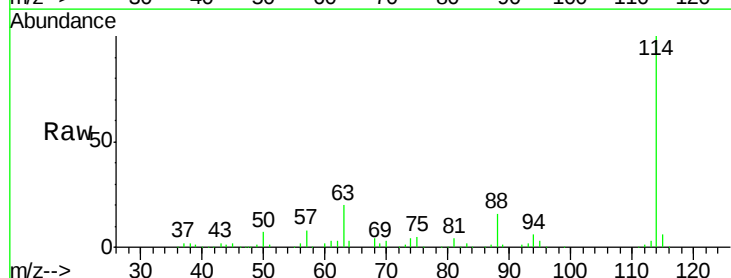
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	309754		
63	19.7	0.0	38.6	
88	15.9	0.0	32.6	





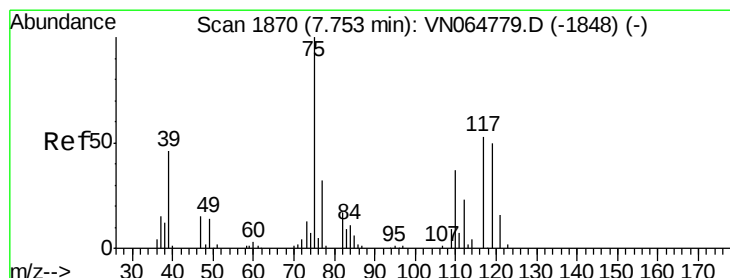
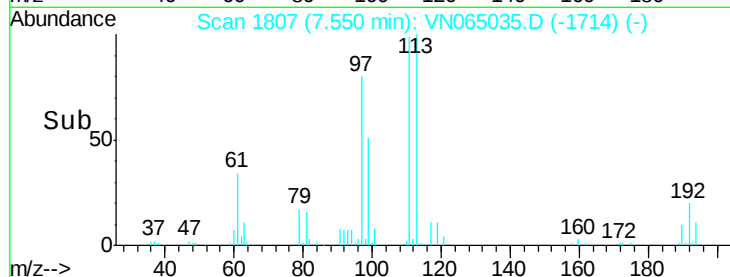
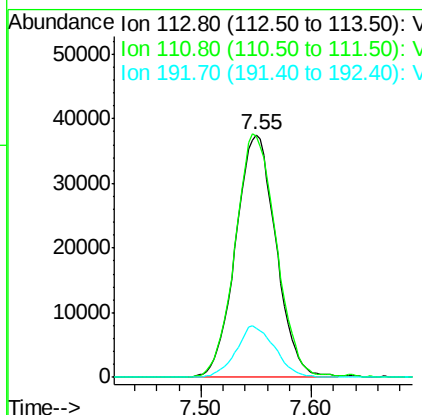
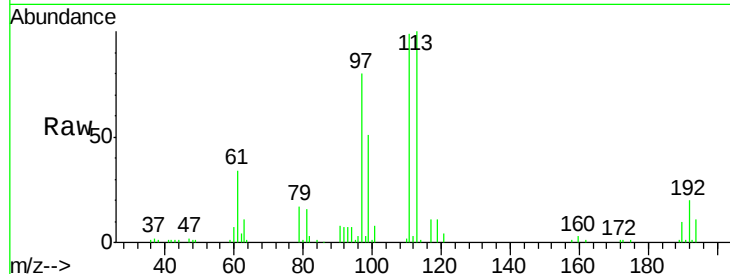
#35
Dibromofluoromethane
Concen: 51.342 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.6	122.4
192	20.3	16.2	24.2

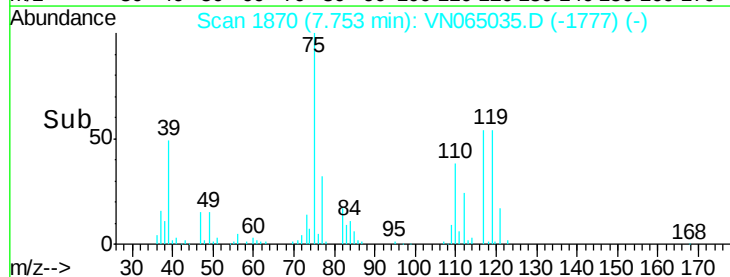
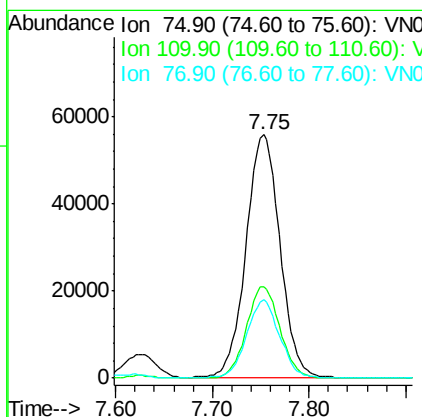
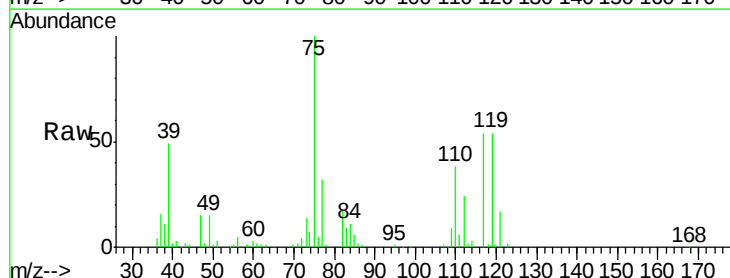
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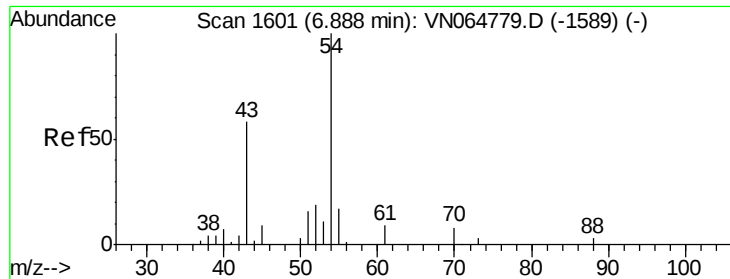
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#36
1,1-Dichloropropene
Concen: 47.772 ug/l
RT: 7.75 min Scan# 1870
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	17.8	53.3
77	31.2	25.0	37.4





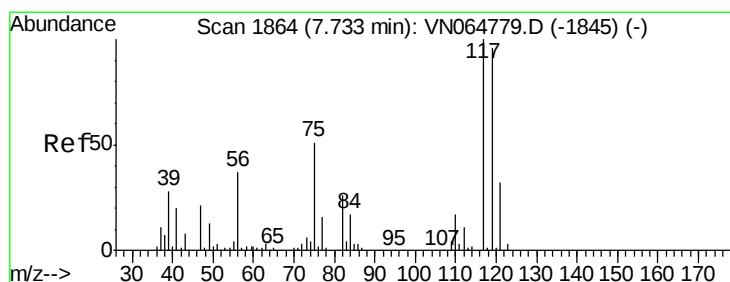
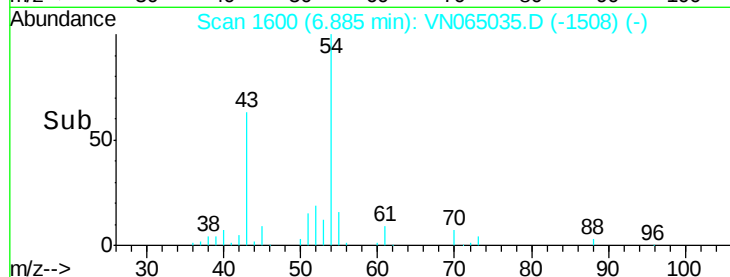
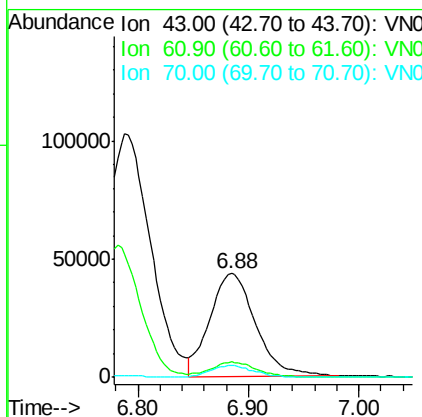
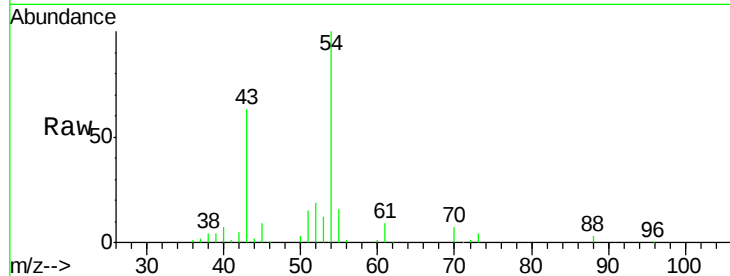
#37
Ethyl Acetate
Concen: 45.039 ug/l
RT: 6.88 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.1	12.8	19.2
70	11.0	8.8	13.2

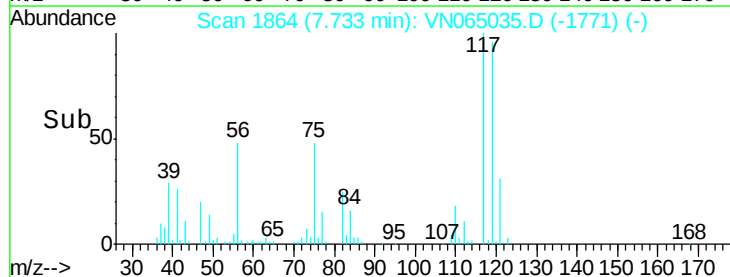
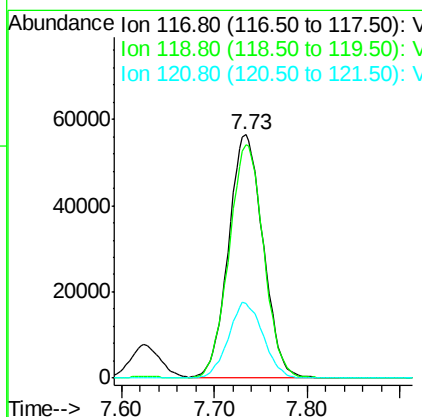
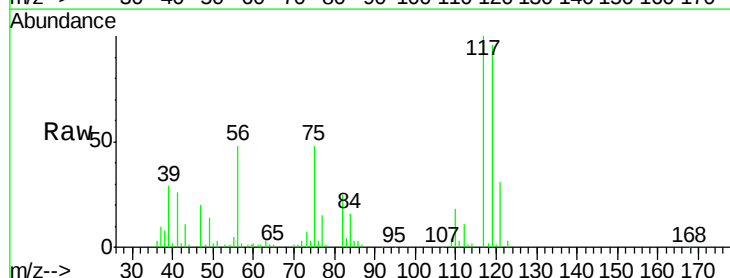
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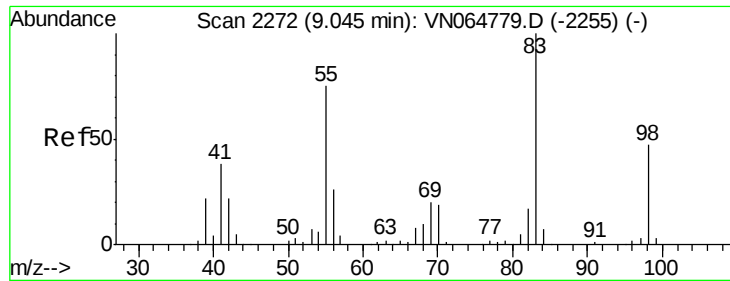
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#38
Carbon Tetrachloride
Concen: 48.987 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.7	115.1
121	30.5	25.4	38.2





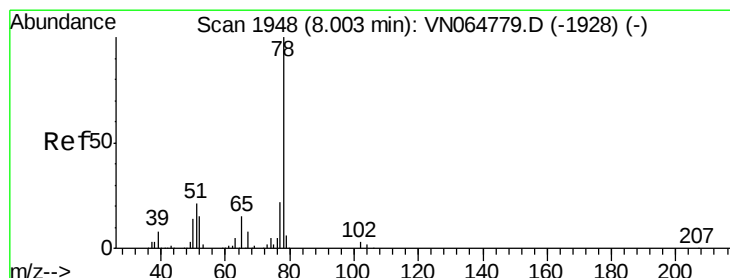
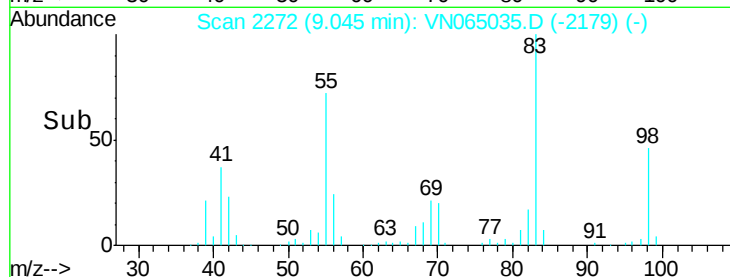
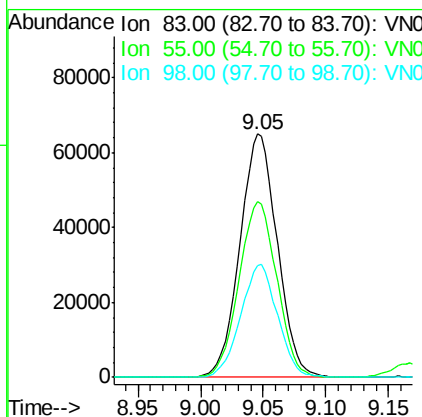
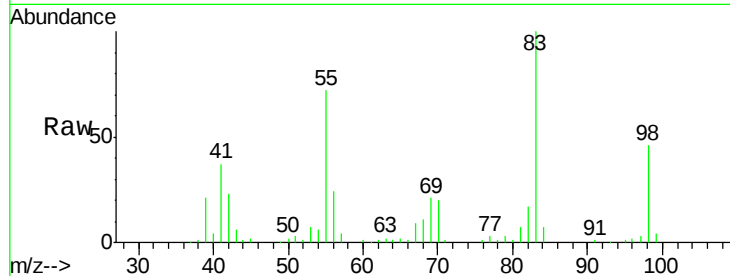
#39
Methvlcvclohexane
Concen: 43.683 ug/l
RT: 9.05 min Scan# 2272
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.2	60.2	90.2
98	46.1	37.4	56.2

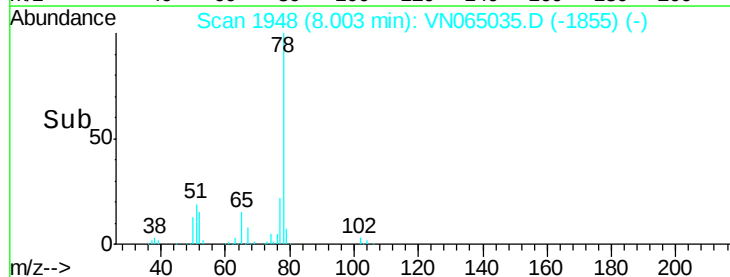
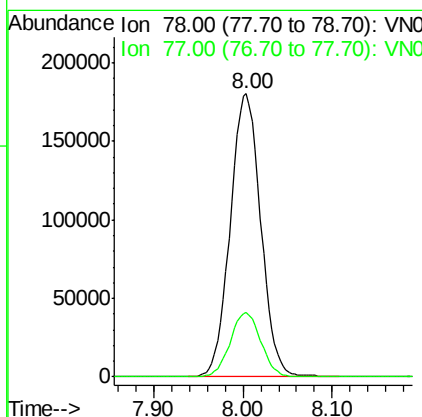
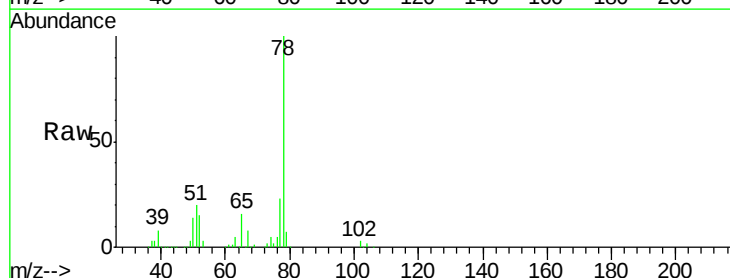
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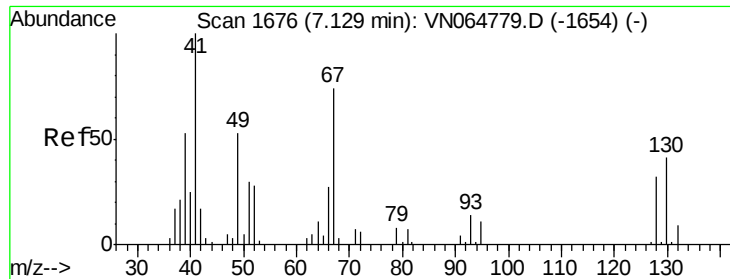
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#40
Benzene
Concen: 48.622 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.6	17.9	26.9





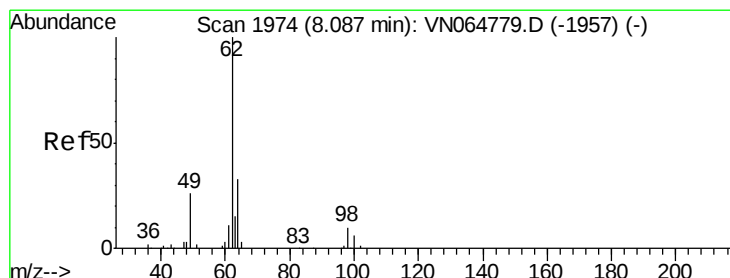
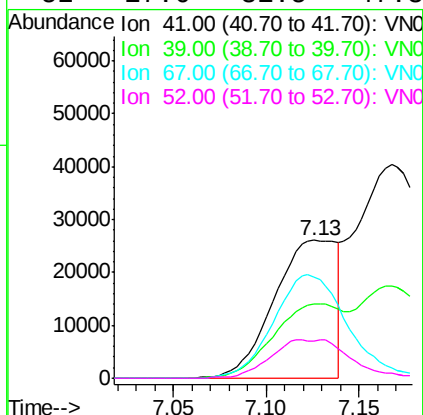
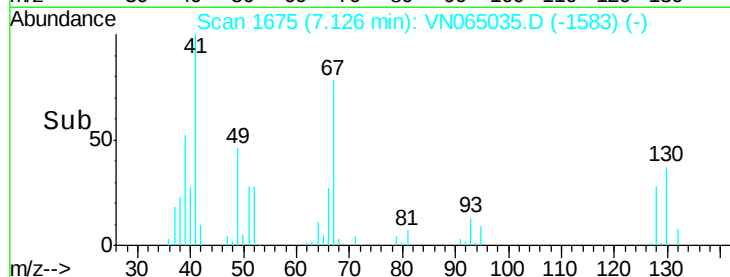
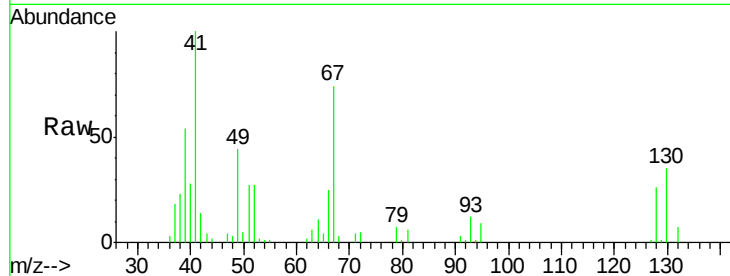
#41
Methacrylonitrile
Concen: 48.131 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	62.0	51.0	76.6	
67	88.7	79.8	119.8	
52	17.6	31.5	47.3	

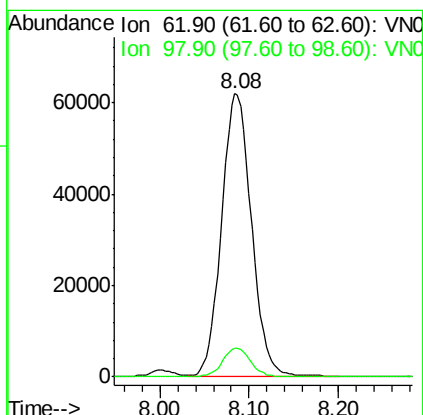
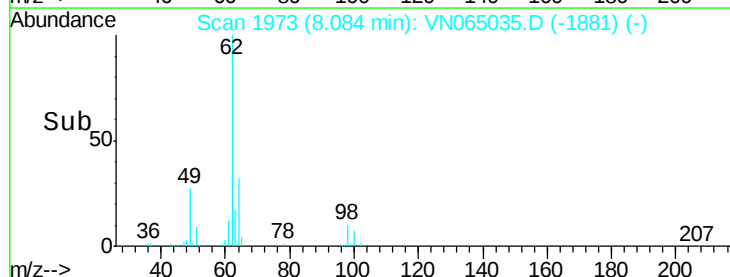
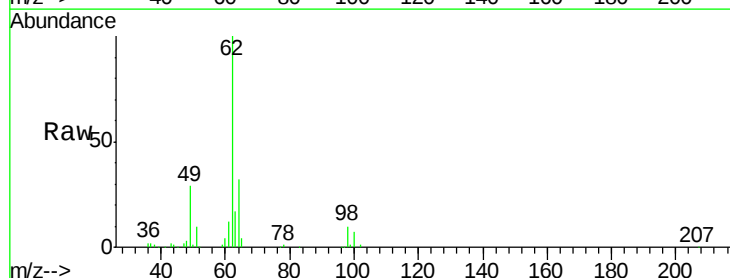
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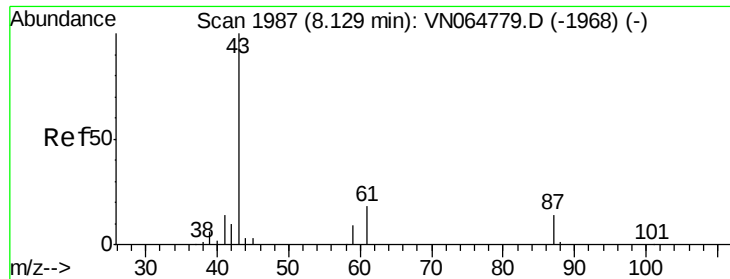
MMDadoda
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#42
1,2-Dichloroethane
Concen: 48.626 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.5	0.0	19.6	





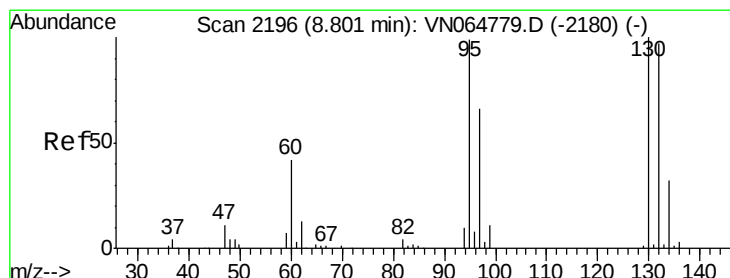
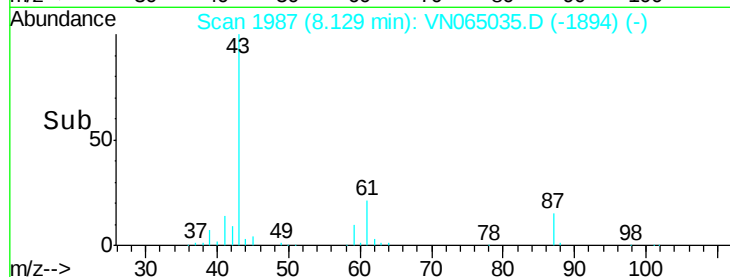
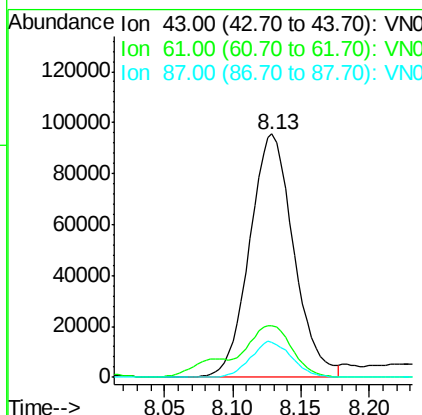
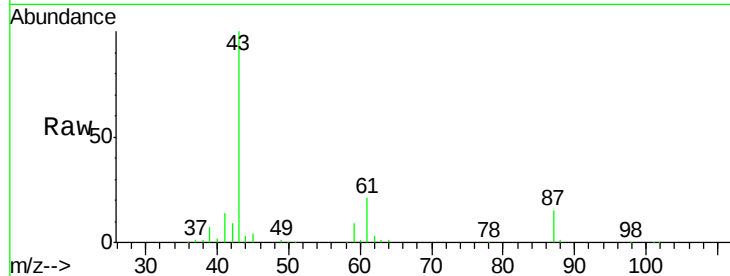
#43
Isopropyl Acetate
Concen: 47.852 ug/l
RT: 8.13 min Scan# 1987
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.2	25.8
87	14.0	11.4	17.0

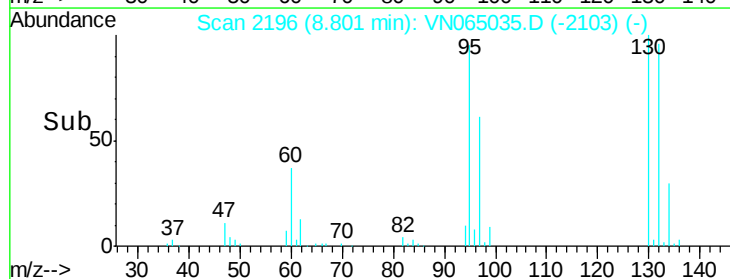
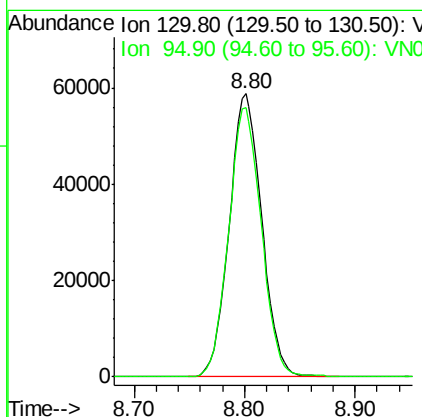
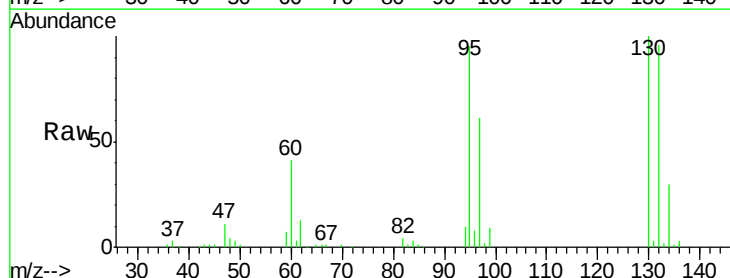
Manual Integrations
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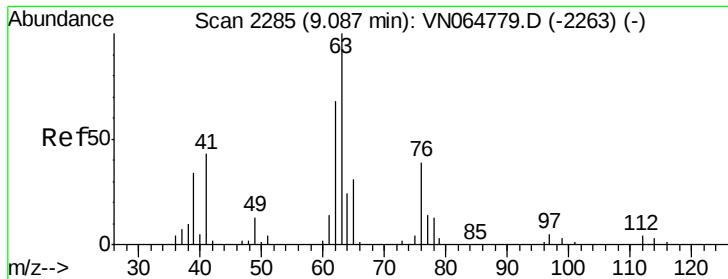
MMDadoda
12/10/2020 9:14:52 AM



#44
Trichloroethene
Concen: 46.185 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.0	0.0	197.8





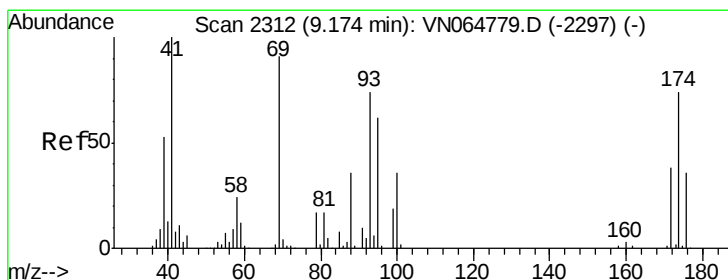
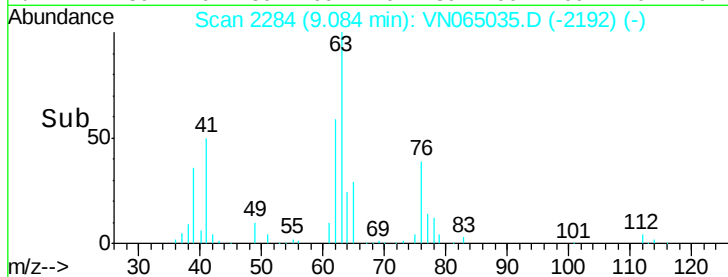
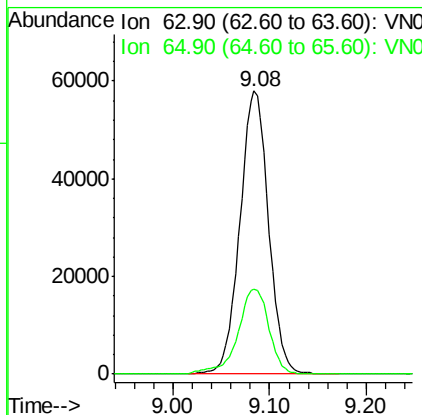
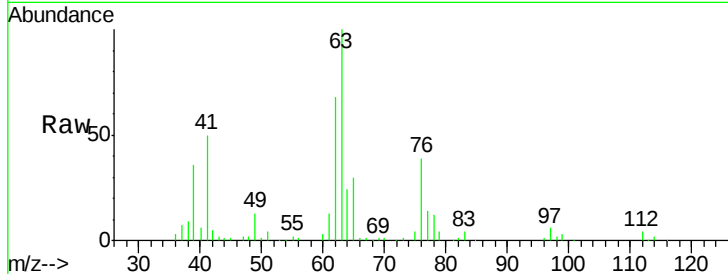
#45
 1,2-Dichloropropane
 Concen: 52.352 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 63 Resp: 119279
 Ion Ratio Lower Upper
 63 100
 65 30.2 25.0 37.4

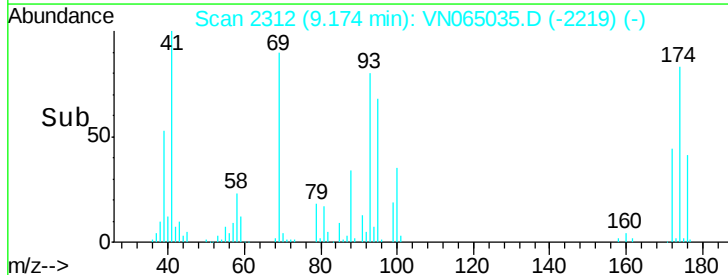
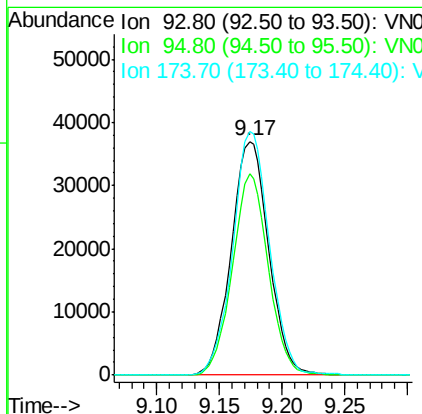
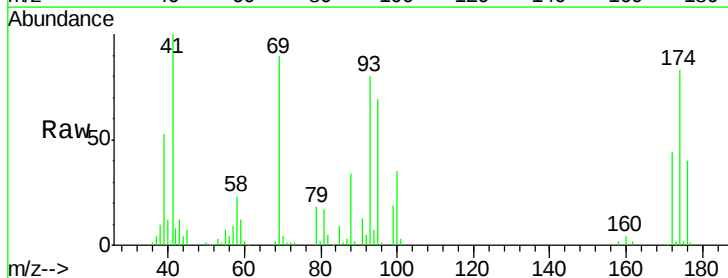
Manual Integrations
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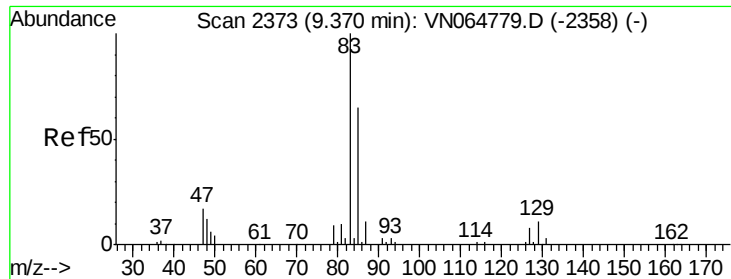
MMDadoda
 12/10/2020 9:14:52 AM



#46
 Dibromomethane
 Concen: 50.530 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion: 93 Resp: 76914
 Ion Ratio Lower Upper
 93 100
 95 82.1 68.8 103.2
 174 102.1 83.1 124.7





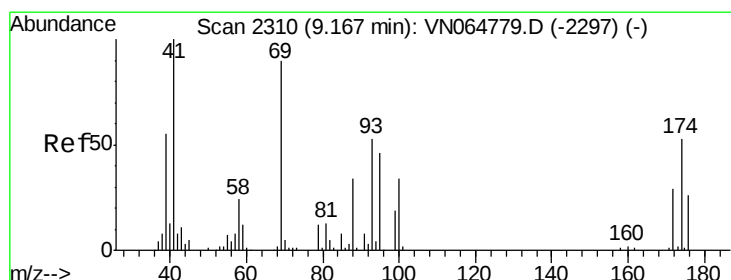
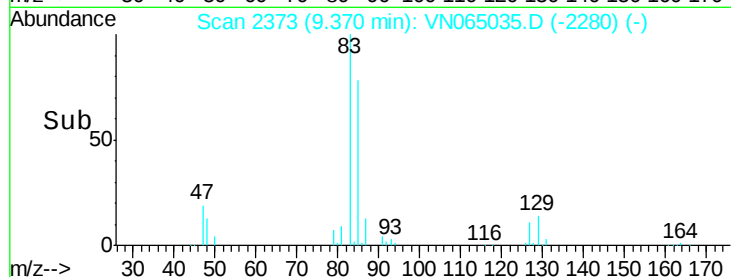
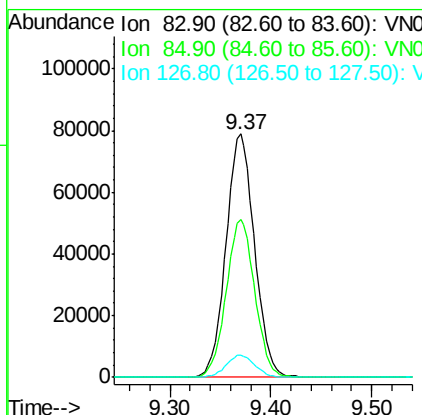
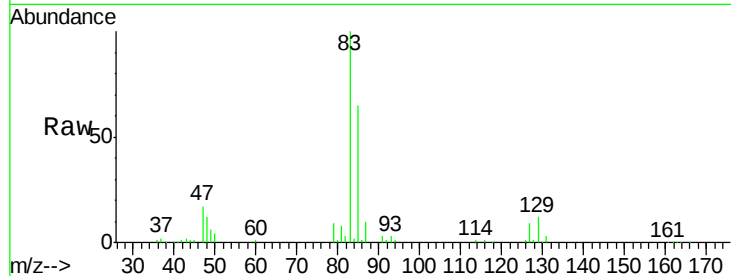
#47
Bromodichloromethane
Concen: 50.781 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	155528
Ion Ratio	100	Lower	Upper
83	100		
85	65.1	51.8	77.8
127	9.1	6.8	10.2

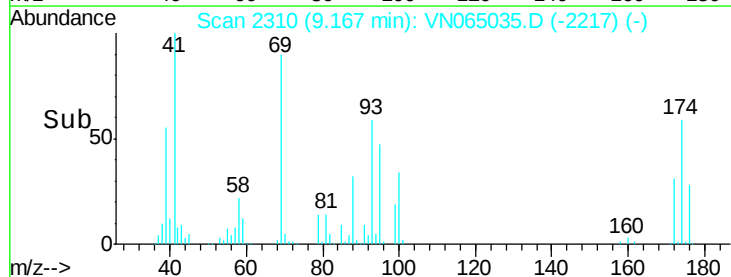
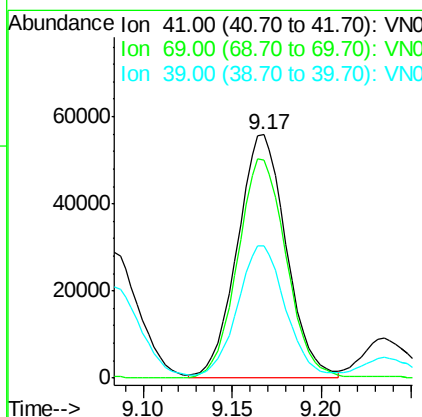
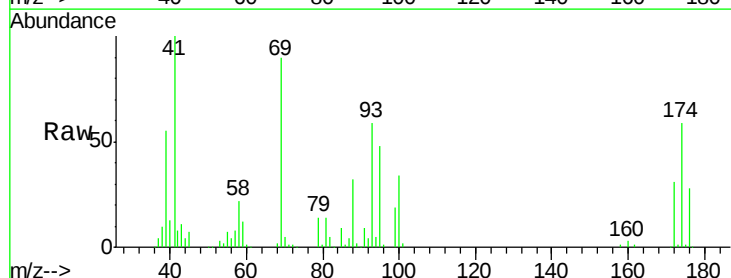
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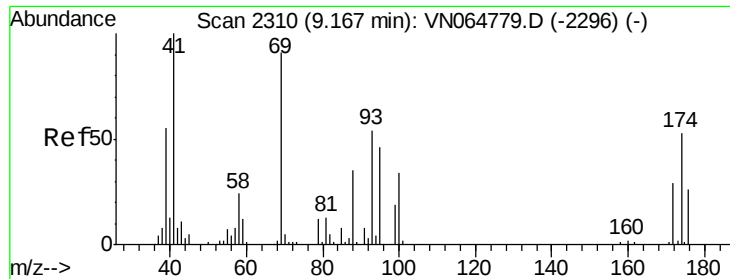
MMDadoda
12/10/2020 9:14:52 AM



#48
Methyl methacrylate
Concen: 50.008 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion	41	Resp	106341
Ion Ratio	100	Lower	Upper
41	100		
69	90.4	71.8	107.8
39	53.6	44.1	66.1





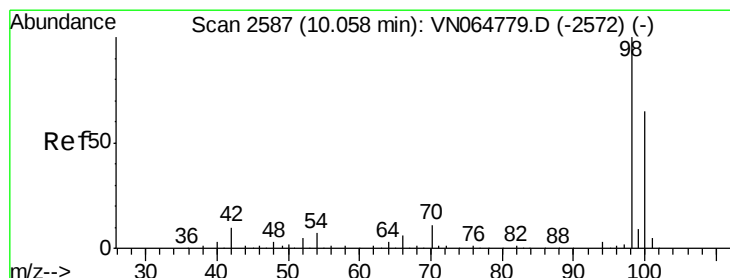
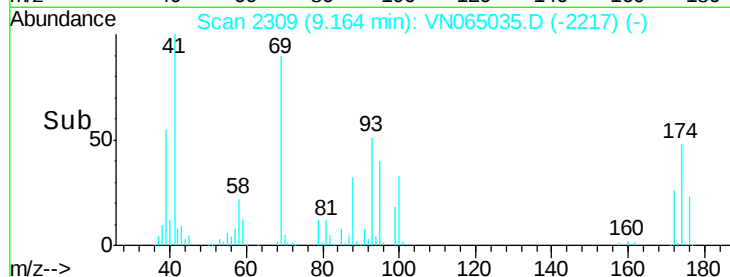
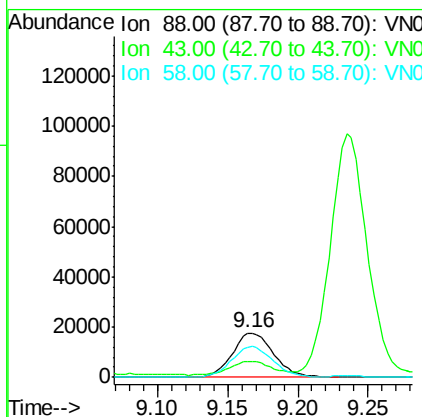
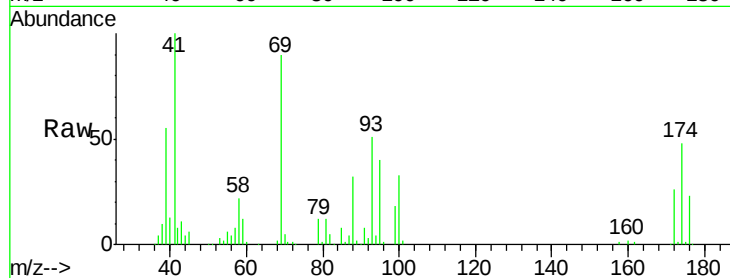
#49
 1,4-Dioxane
 Concen: 902.808 ug/l
 RT: 9.16 min Scan# 2309
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	24.2	36.4
58	69.3	52.5	78.7

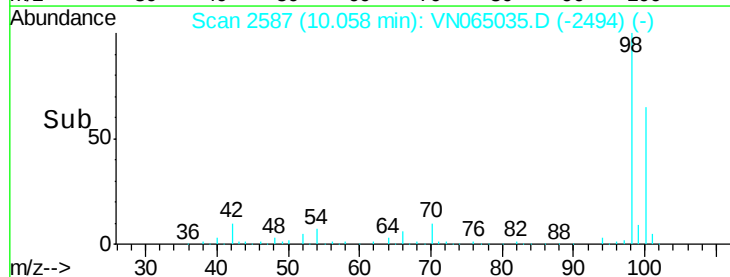
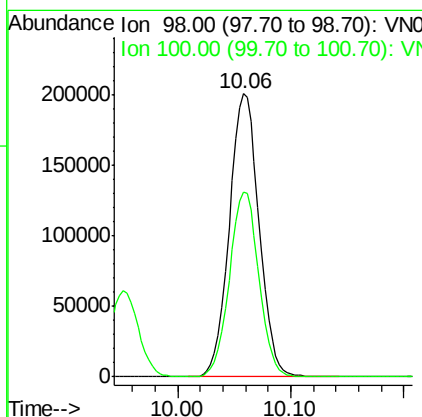
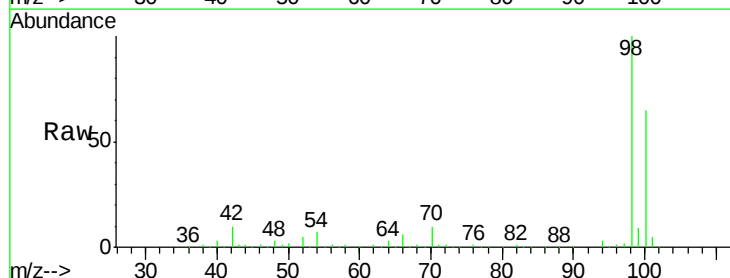
Manual Integrations
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#50
 Toluene-d8
 Concen: 48.432 ug/l
 RT: 10.06 min Scan# 2587
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5





#51

4-Methyl-2-Pentanone

Concen: 247.738 ug/l

RT: 9.95 min Scan# 2554

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 661882

Ion Ratio Lower Upper

43 100

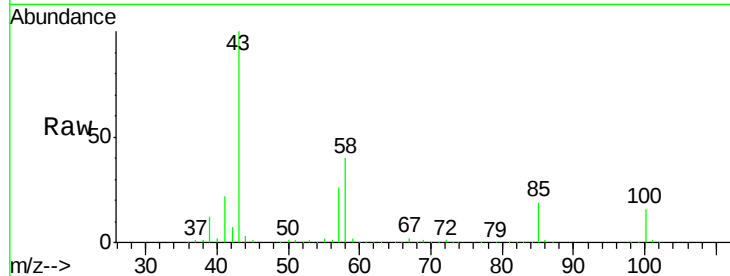
58 40.0 32.4 48.6

Manual Integrations

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MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VN064779.D (-2534) (-)

Ion 58.00 (57.70 to 58.70): VN064779.D (-2534) (-)

9.95

400000

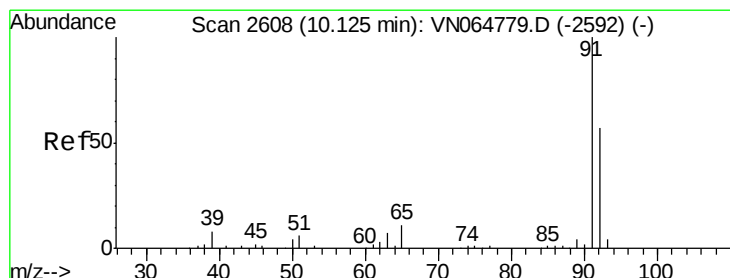
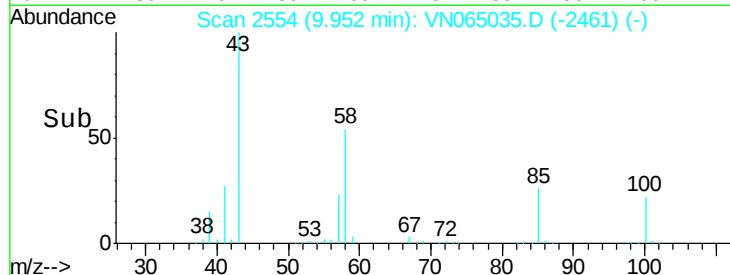
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 50.783 ug/l

RT: 10.12 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN065035.D

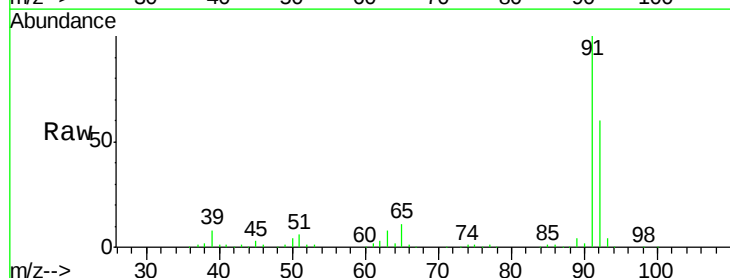
Acq: 9 Dec 2020 21:03

Tgt Ion: 92 Resp: 275152

Ion Ratio Lower Upper

92 100

91 171.6 139.1 208.7



Abundance Ion 92.00 (91.70 to 92.70): VN064779.D (-2592) (-)

Ion 91.00 (90.70 to 91.70): VN064779.D (-2592) (-)

10.12

300000

250000

200000

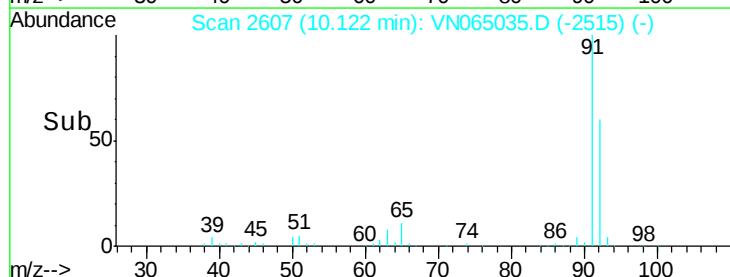
150000

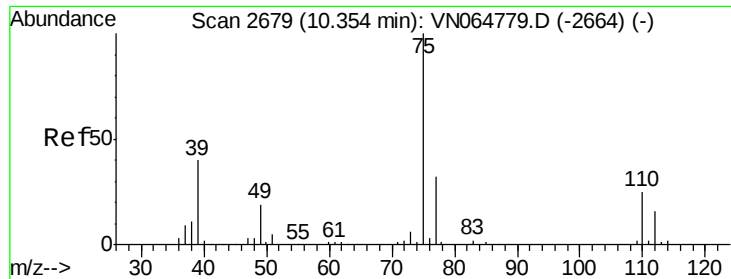
100000

50000

0

Time-->





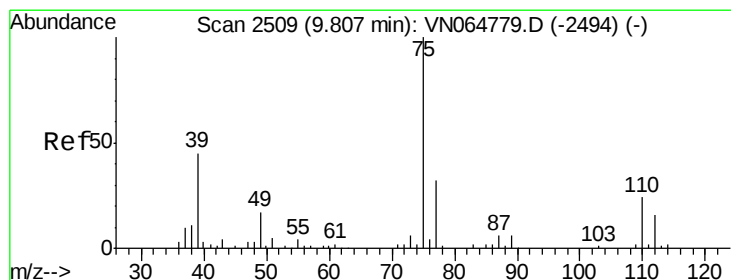
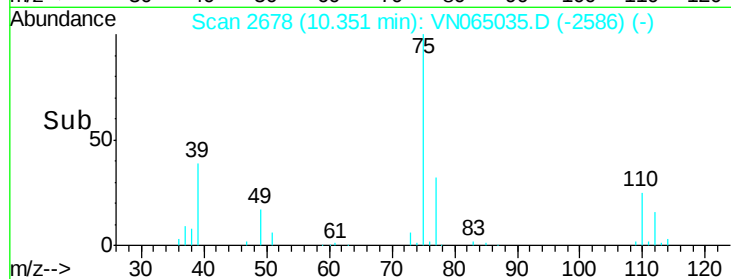
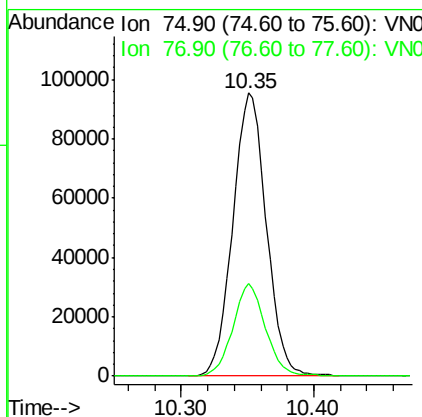
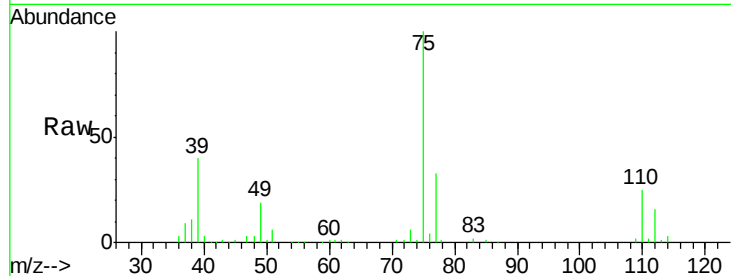
#53
t-1,3-Dichloropropene
Concen: 49.143 ug/l
RT: 10.35 min Scan# 2678
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 167641
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.6

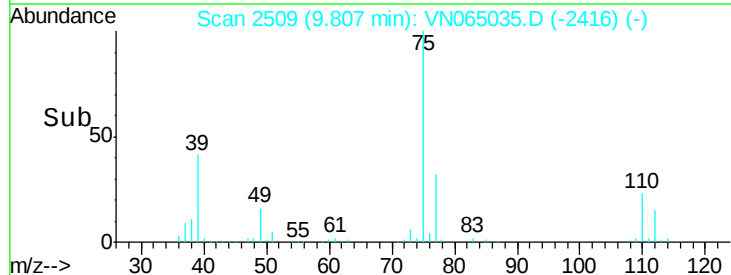
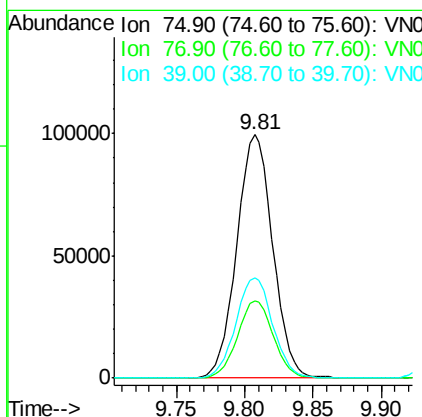
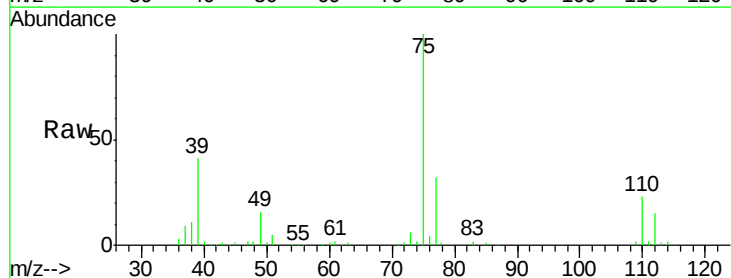
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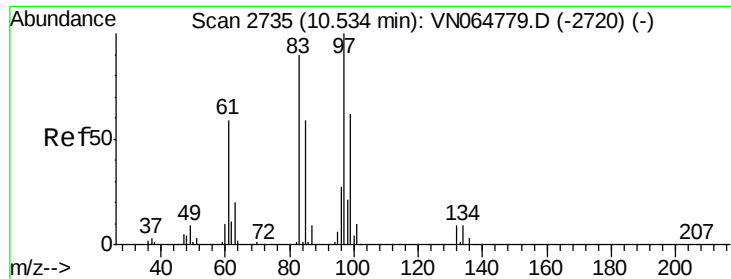
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.889 ug/l
RT: 9.81 min Scan# 2509
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion: 75 Resp: 182415
Ion Ratio Lower Upper
75 100
77 31.8 25.5 38.3
39 41.1 35.6 53.4





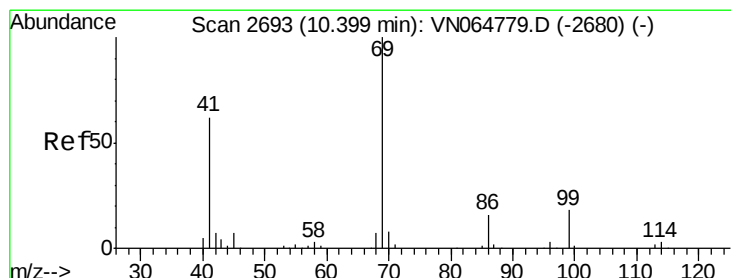
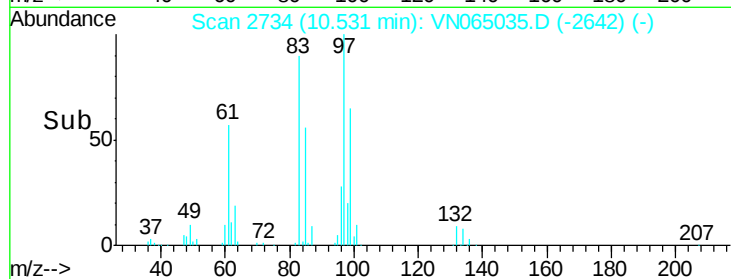
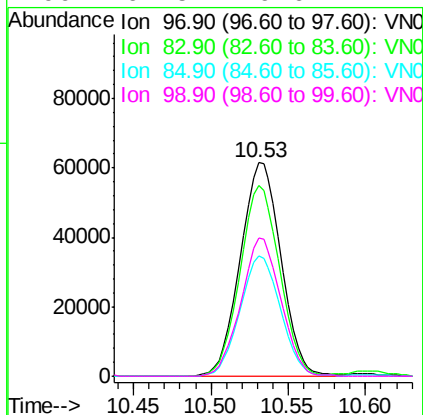
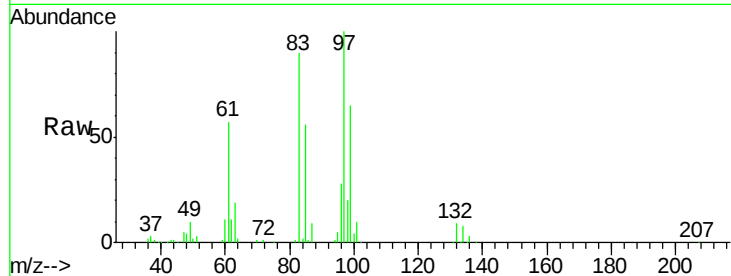
#55
 1,1,2-Trichloroethane
 Concen: 50.580 ug/l
 RT: 10.53 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	112694
Ion	Ratio	Lower	Upper
97	100		
83	89.6	72.1	108.1
85	56.4	46.8	70.2
99	64.5	49.6	74.4

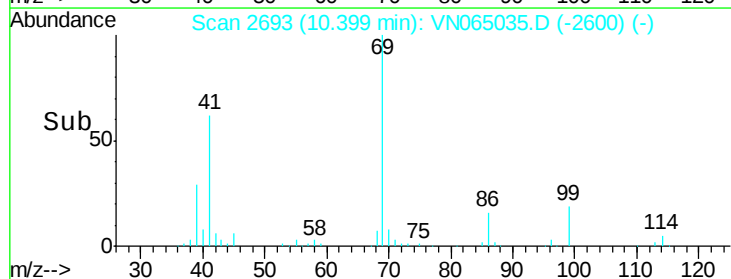
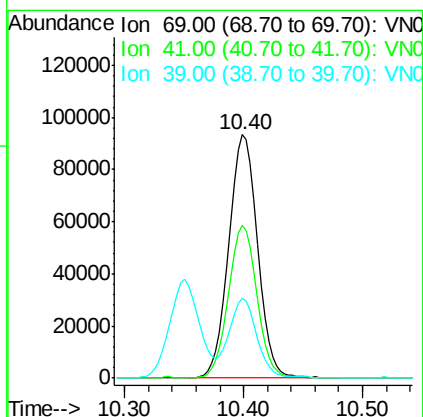
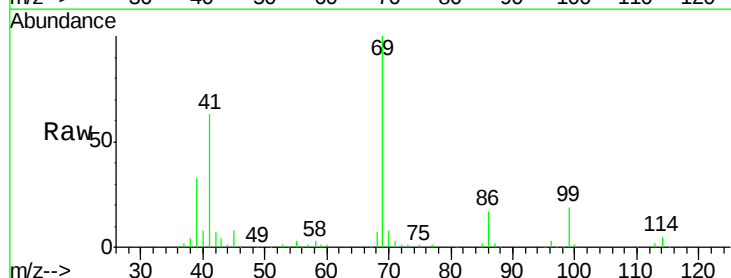
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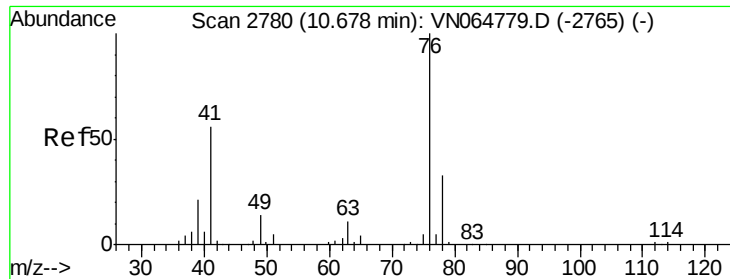
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 12/10/2020 9:14:52 AM



#56
 Ethyl methacrylate
 Concen: 51.138 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion:	69	Resp:	157227
Ion	Ratio	Lower	Upper
69	100		
41	61.4	49.4	74.0
39	31.8	25.9	38.9





#57

1,3-Dichloropropane

Concen: 50.616 ug/l

RT: 10.68 min Scan# 2780

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 186028

Ion Ratio Lower Upper

76 100

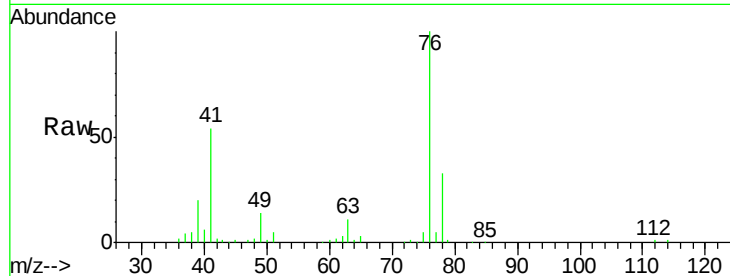
78 33.0 26.1 39.1

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Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

10.68

120000

100000

80000

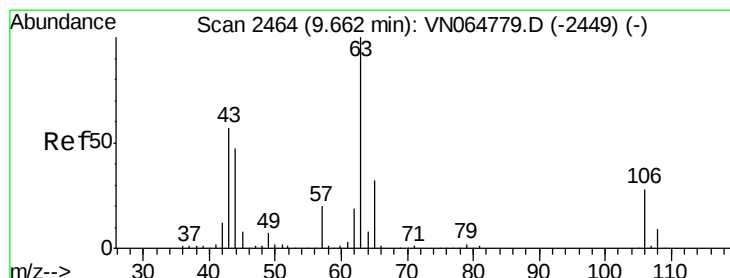
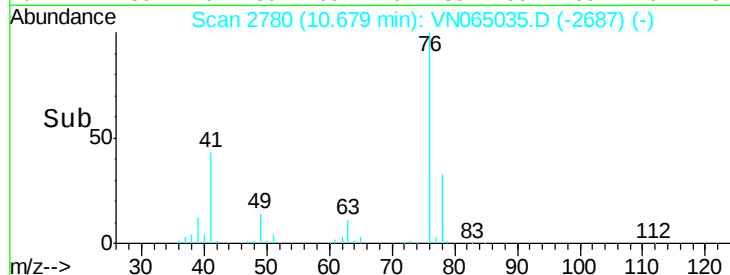
60000

40000

20000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 240.808 ug/l

RT: 9.66 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN065035.D

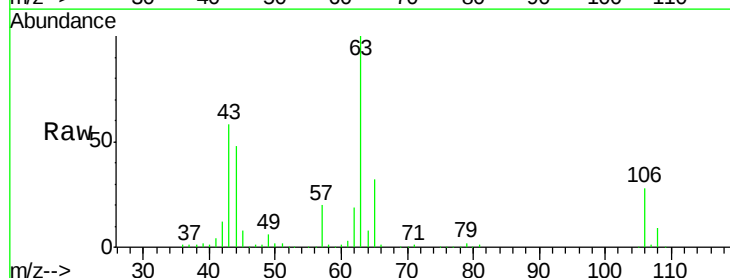
Acq: 9 Dec 2020 21:03

Tgt Ion: 63 Resp: 407264

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

9.66

250000

200000

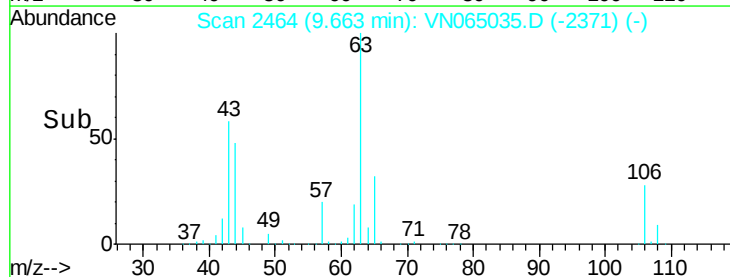
150000

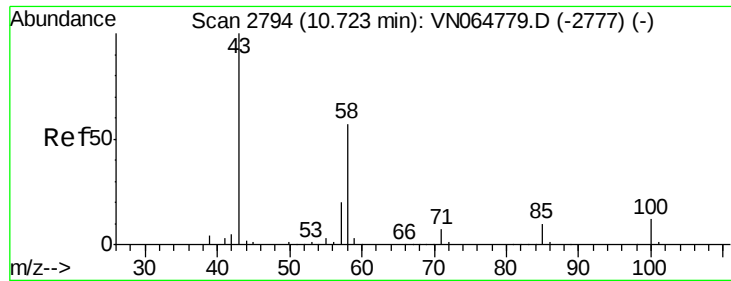
100000

50000

0

Time-->





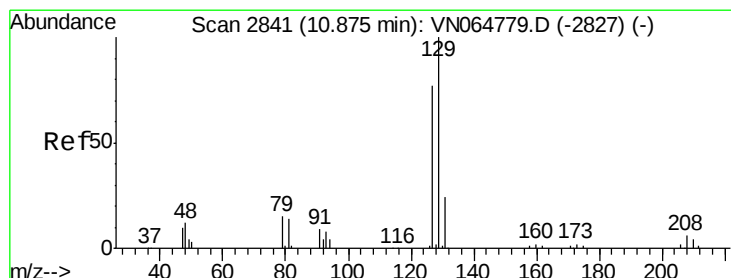
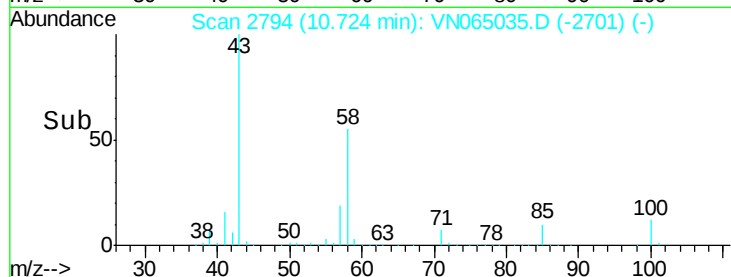
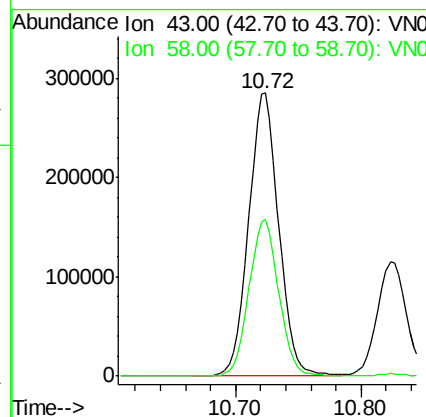
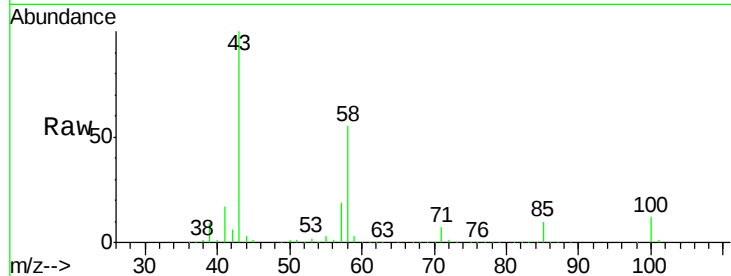
#59
2-Hexanone
Concen: 245.743 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 472512
Ion Ratio Lower Upper
43 100
58 55.3 28.3 84.9

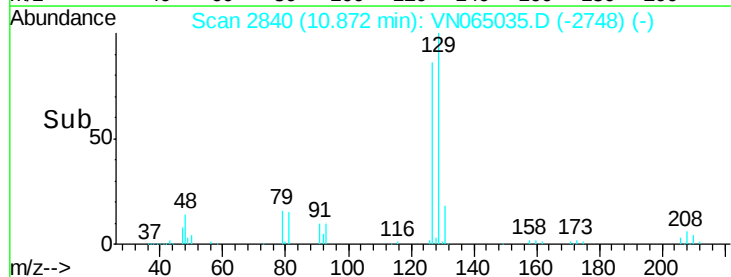
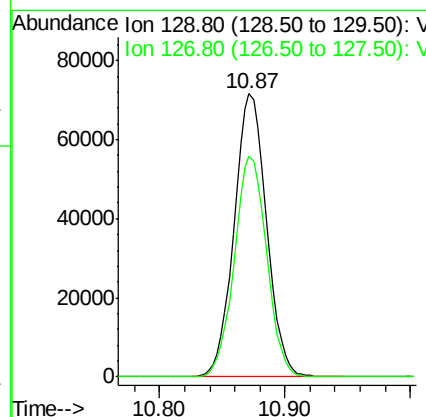
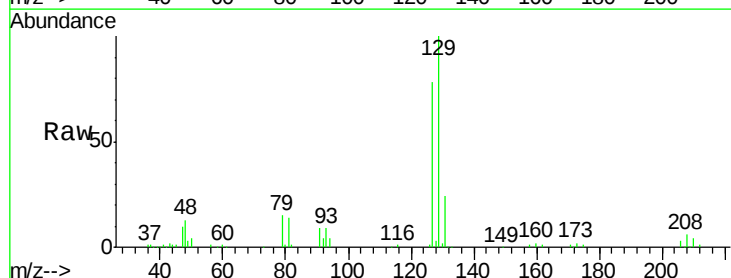
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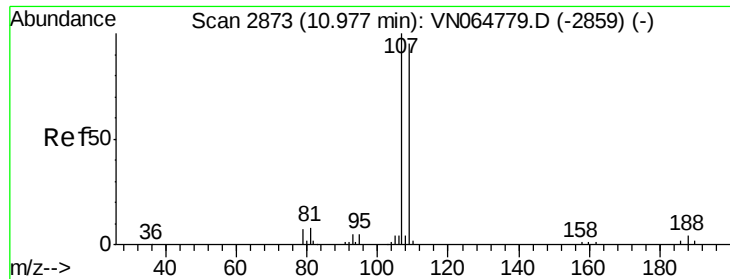
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#60
Dibromochloromethane
Concen: 51.848 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion: 129 Resp: 128409
Ion Ratio Lower Upper
129 100
127 77.8 39.1 117.2





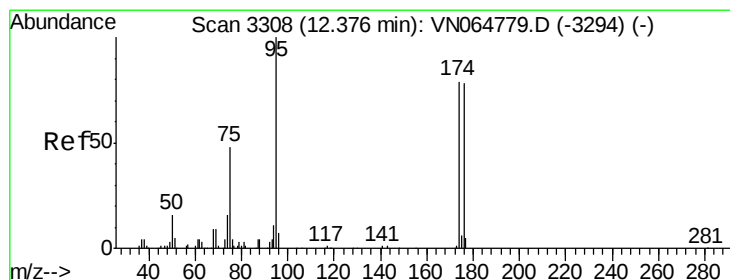
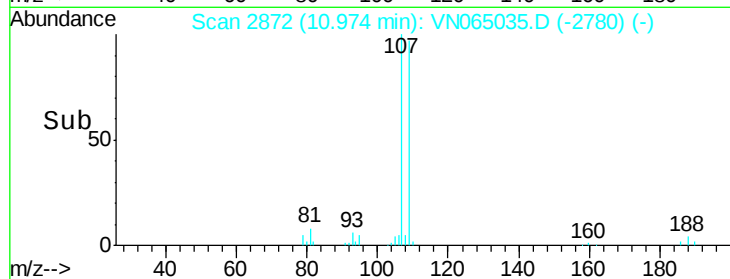
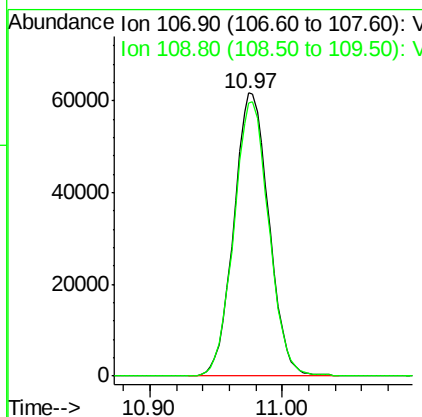
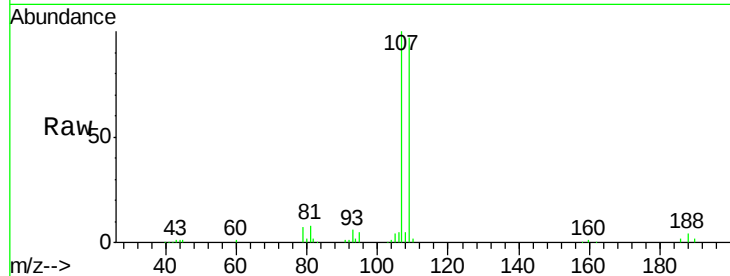
#61
 1,2-Dibromoethane
 Concen: 49.903 ug/l
 RT: 10.97 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	112961		
109	96.9	76.0	114.0	

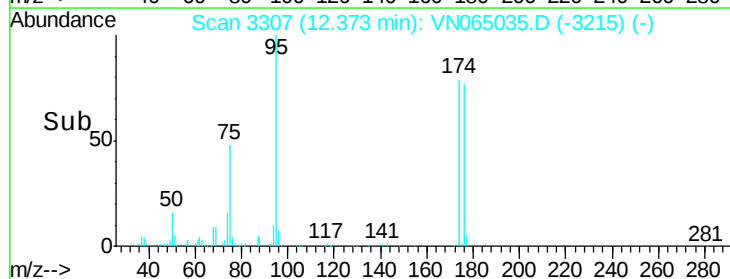
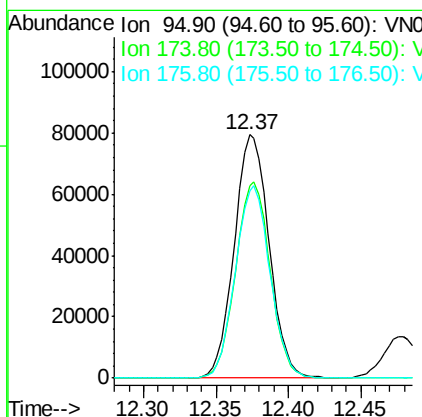
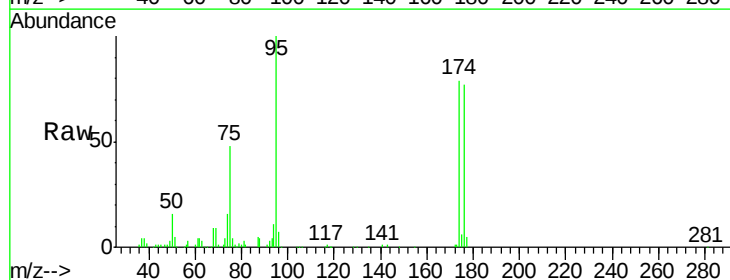
Manual Integrations
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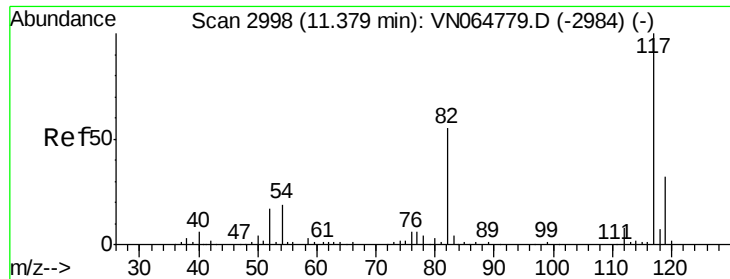
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#62
 4-Bromofluorobenzene
 Concen: 49.044 ug/l
 RT: 12.37 min Scan# 3307
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	132924		
174	79.9	0.0	160.4	
176	78.8	0.0	158.4	





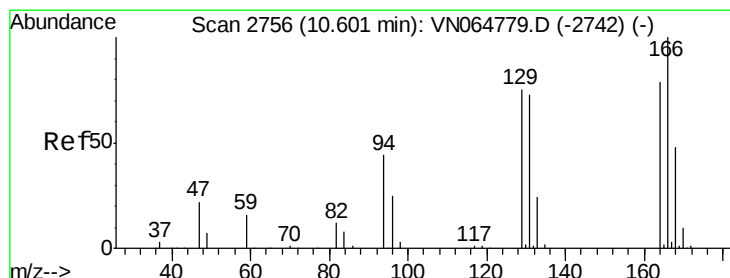
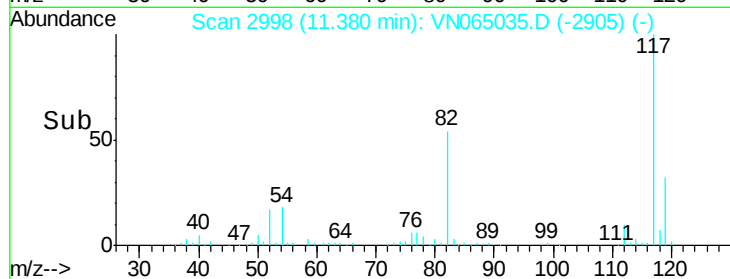
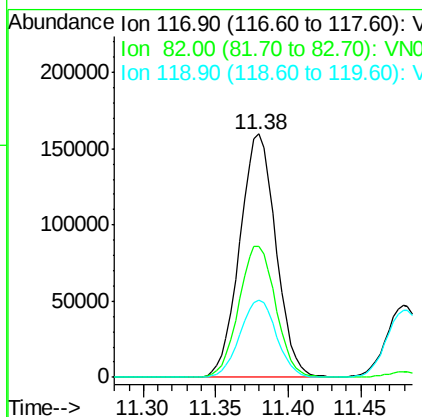
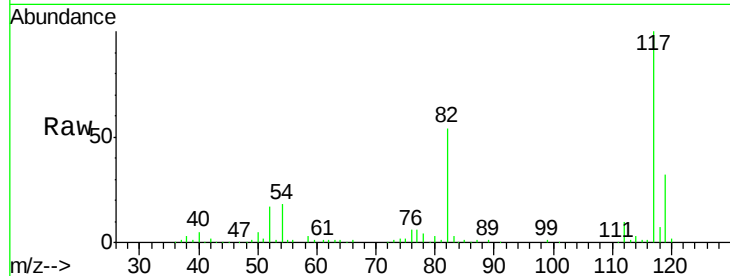
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.6	44.2	66.2
119	31.7	25.8	38.6

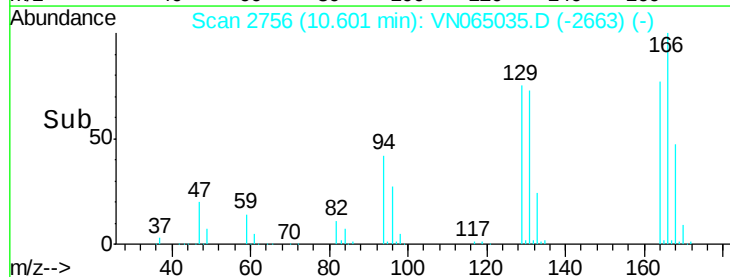
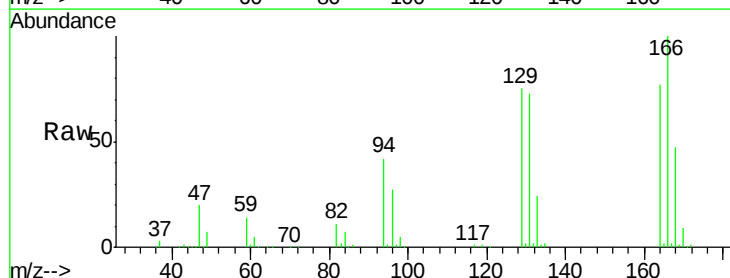
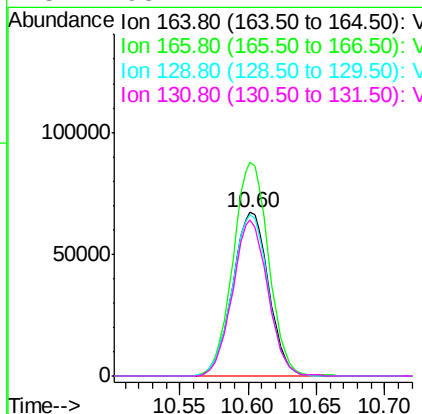
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#64
Tetrachloroethene
Concen: 45.569 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.6	101.4	152.0
129	98.6	76.1	114.1
131	95.4	74.2	111.2





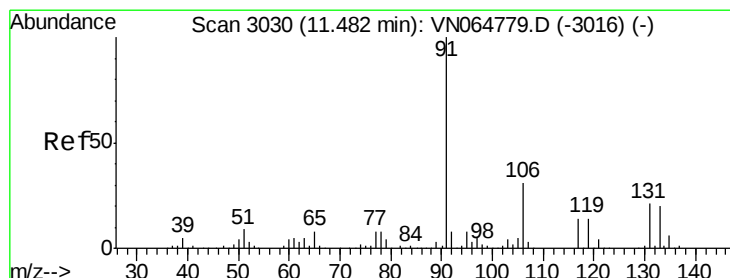
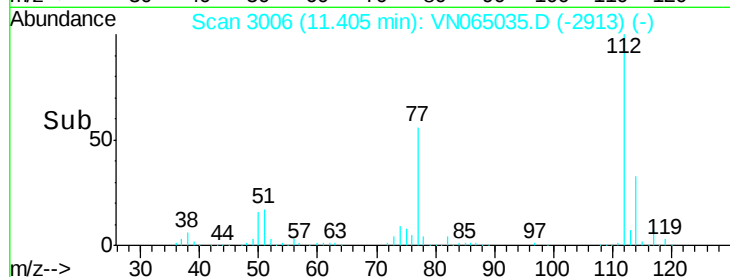
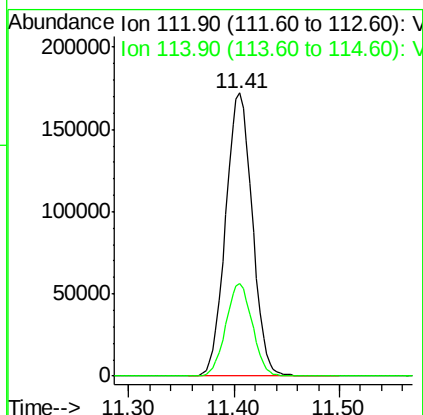
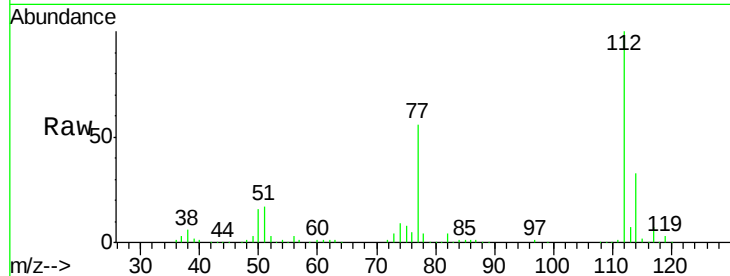
#65
Chlorobenzene
Concen: 50.563 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 301351
Ion Ratio Lower Upper
112 100
114 32.6 25.1 37.7

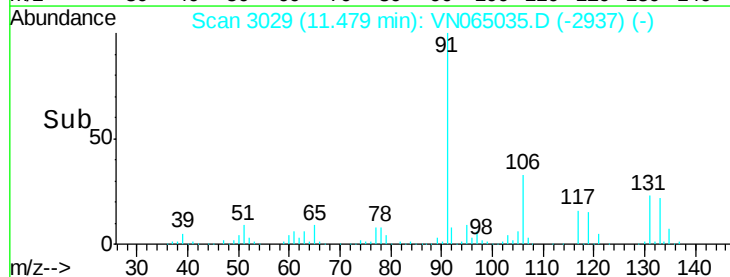
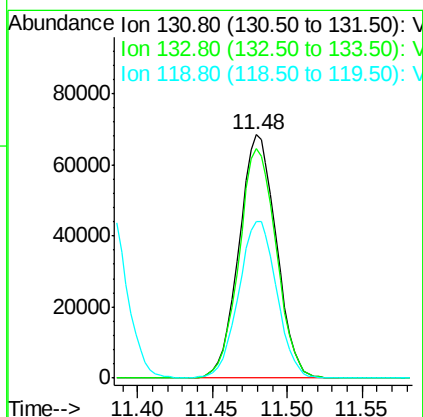
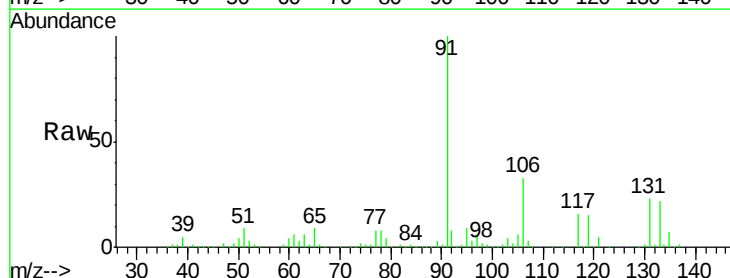
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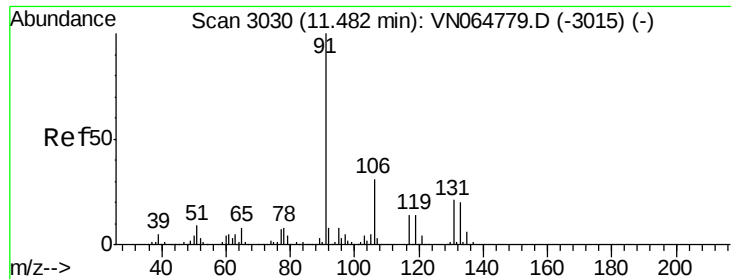
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.157 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion:131 Resp: 118619
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.5
119 65.7 33.3 99.8





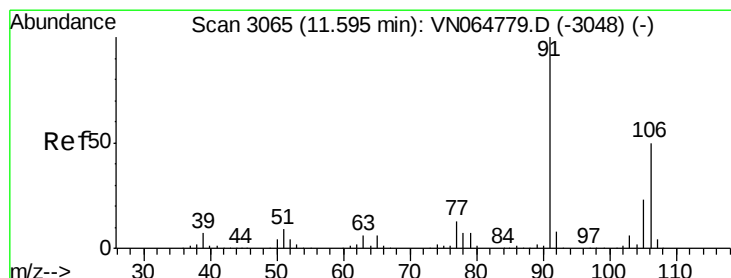
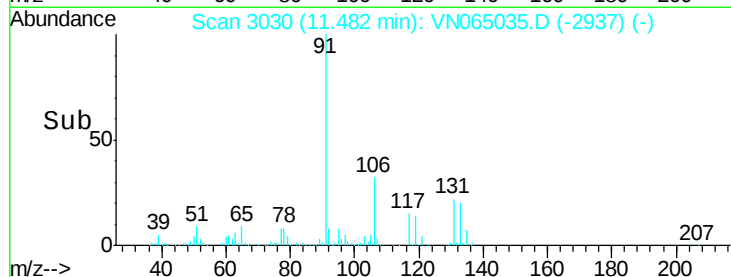
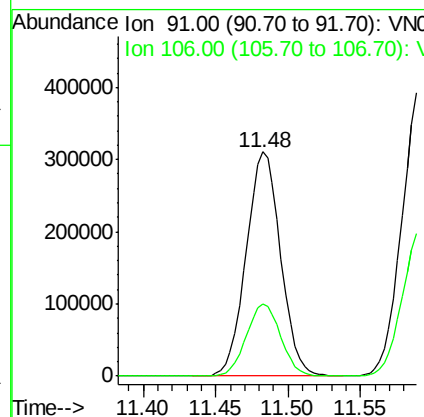
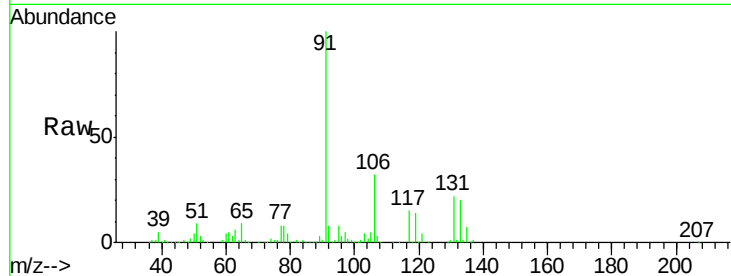
#67
Ethyl Benzene
Concen: 51.436 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 512115
Ion Ratio Lower Upper
91 100
106 32.3 25.2 37.8

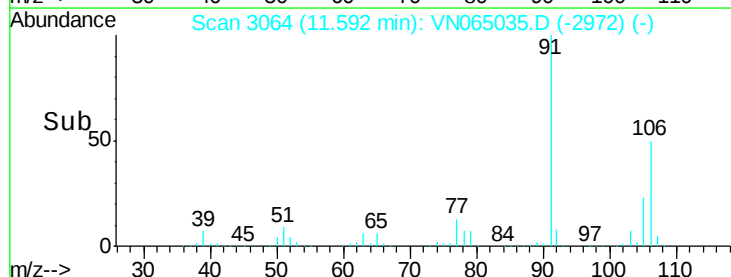
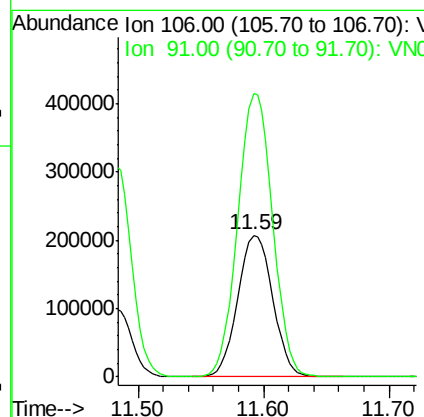
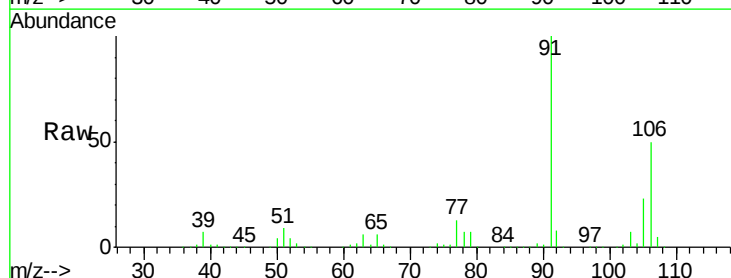
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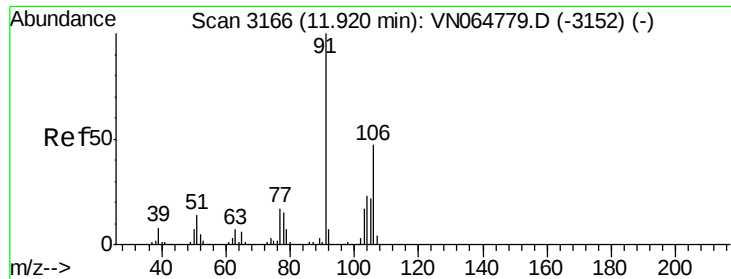
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#68
m/p-Xylenes
Concen: 106.315 ug/l
RT: 11.59 min Scan# 3064
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion: 106 Resp: 400763
Ion Ratio Lower Upper
106 100
91 199.5 161.0 241.4





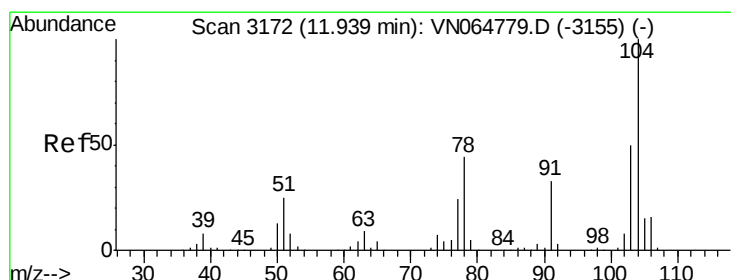
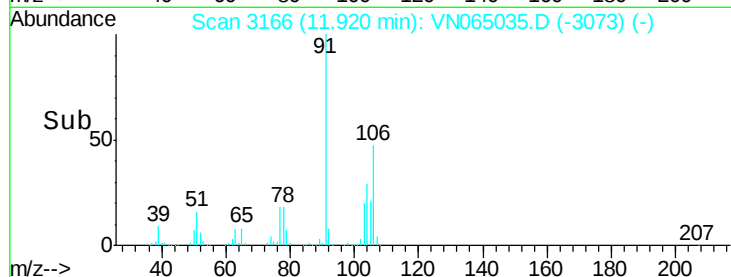
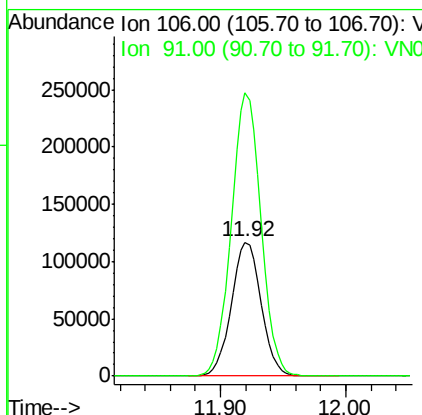
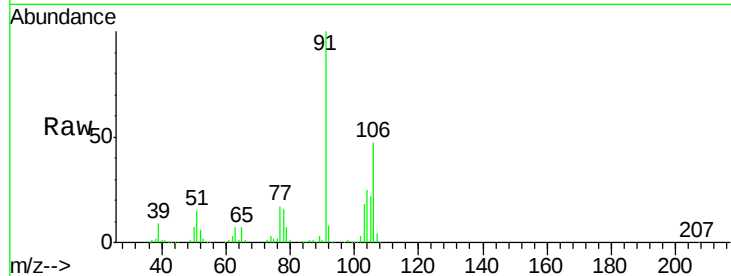
#69
o-Xylene
Concen: 53.633 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		191854		
91	211.1	105.5	316.5		

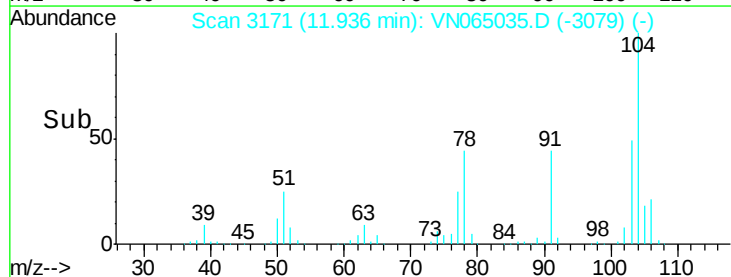
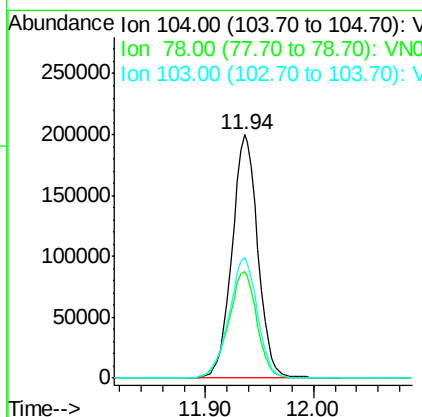
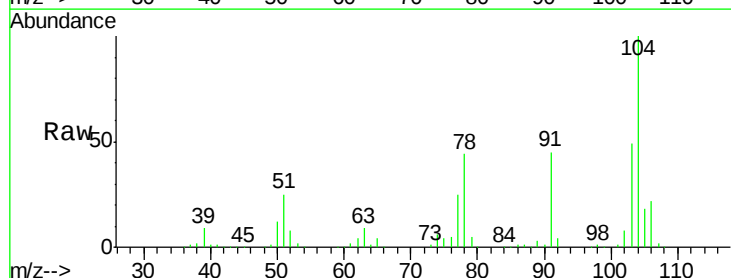
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#70
Styrene
Concen: 55.205 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		333369		
78	48.3	39.0	58.6		
103	54.5	44.3	66.5		





#71

Bromoform

Concen: 51.257 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 89669

Ion Ratio Lower Upper

173 100

175 49.0 24.3 72.8

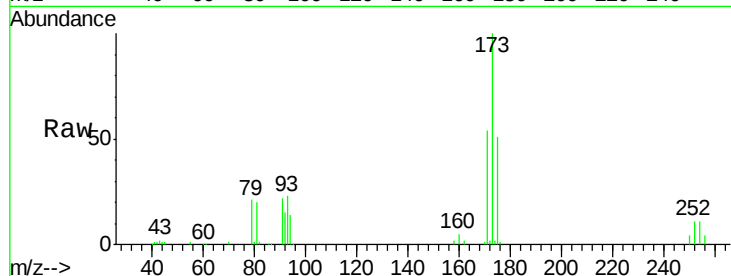
254 0.0 0.0 0.0

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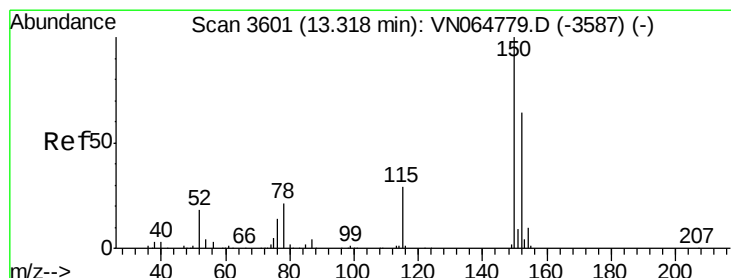
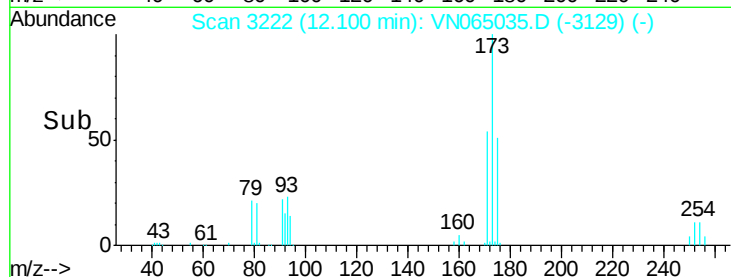
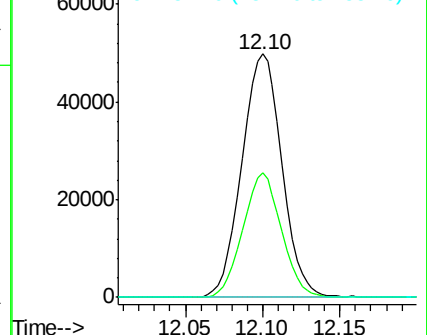
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Abundance Ion 172.70 (172.40 to 173.40): V

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: VN065035.D

Acq: 9 Dec 2020 21:03

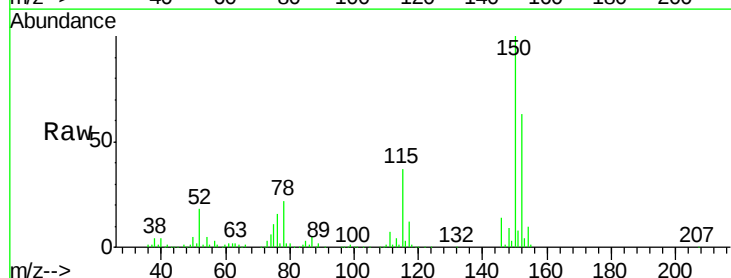
Tgt Ion:152 Resp: 141226

Ion Ratio Lower Upper

152 100

115 58.6 29.7 89.1

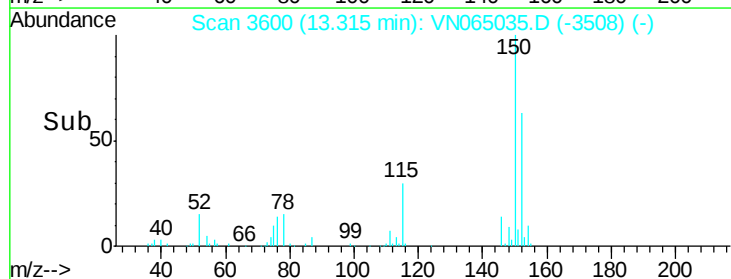
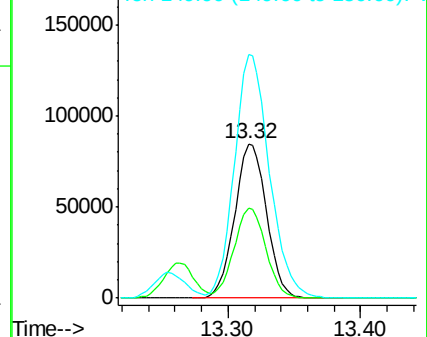
150 173.8 0.0 350.6

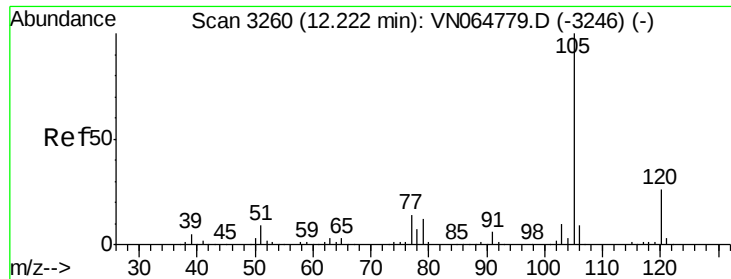


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.418 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 505089

Ion Ratio Lower Upper

105 100

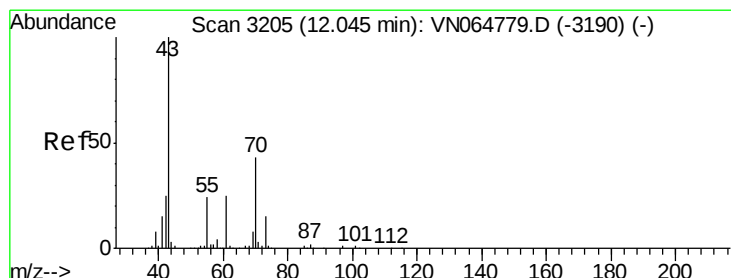
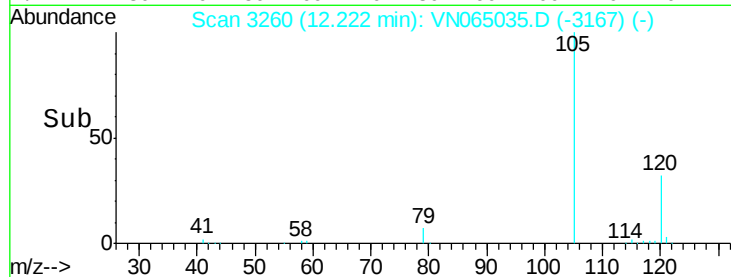
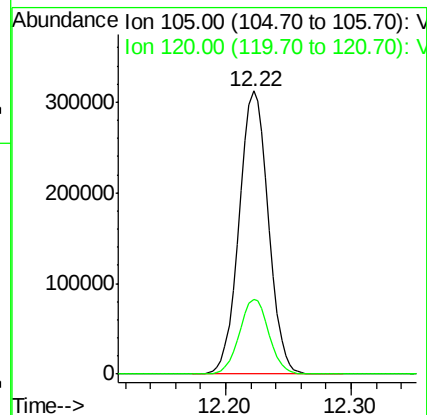
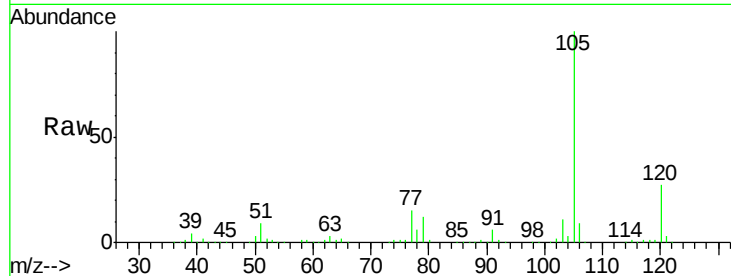
120 26.7 13.3 39.9

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#74

N-ethyl acetate

Concen: 48.750 ug/l

RT: 12.05 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Tgt Ion: 43 Resp: 188459

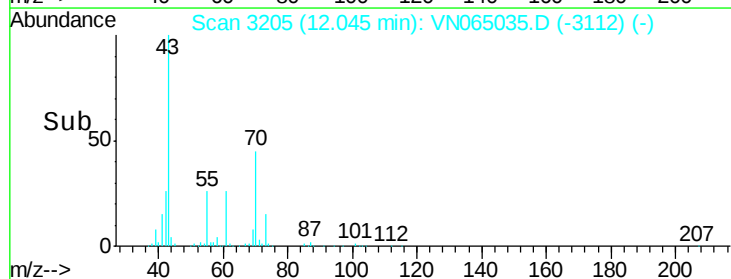
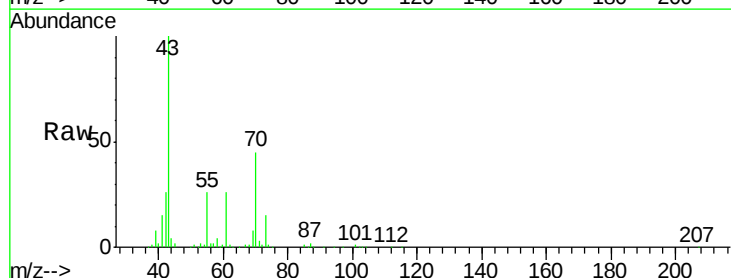
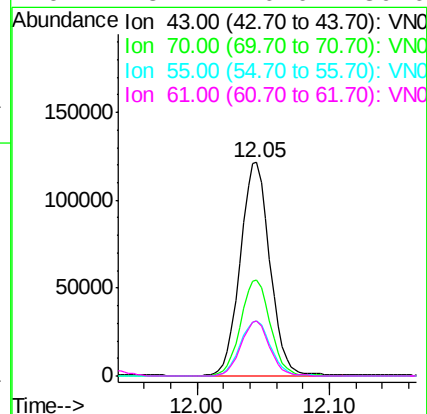
Ion Ratio Lower Upper

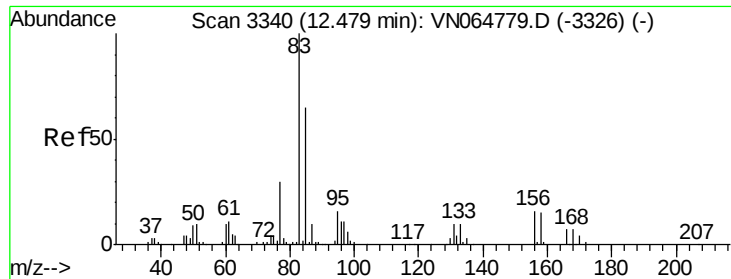
43 100

70 45.1 34.5 51.7

55 26.8 20.4 30.6

61 25.2 20.0 30.0





#75

1,1,2,2-Tetrachloroethane

Concen: 51.837 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 149252
Ion Ratio Lower Upper

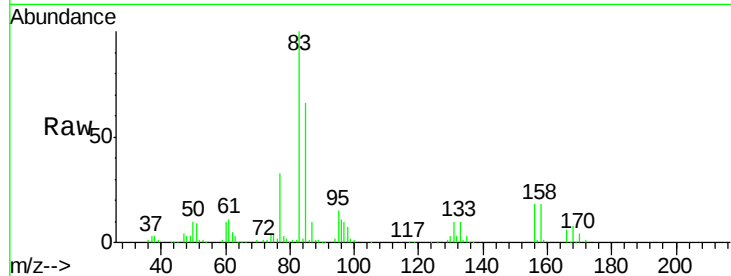
83 100

131 10.4 5.1 15.3

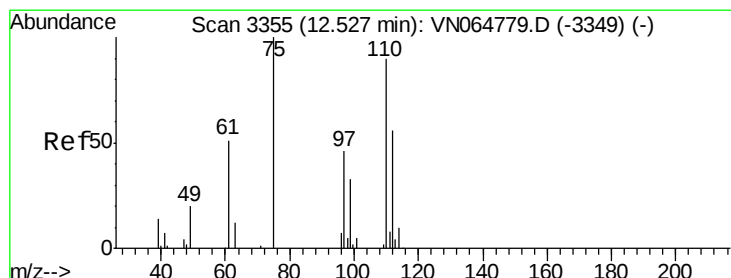
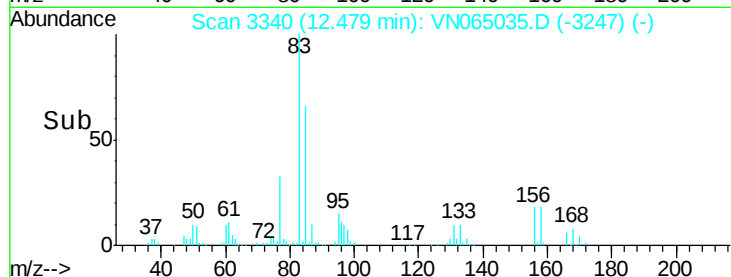
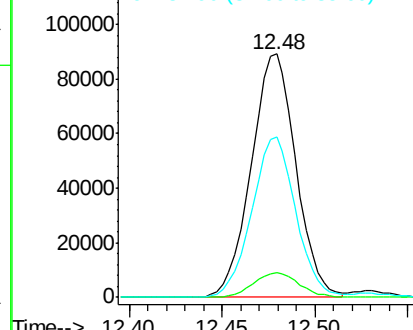
85 64.7 33.0 99.0

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Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 44.173 ug/l m

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

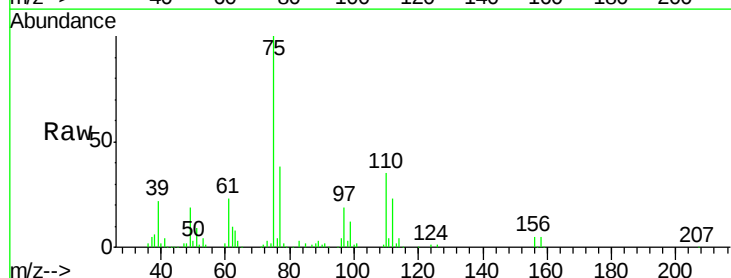
Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

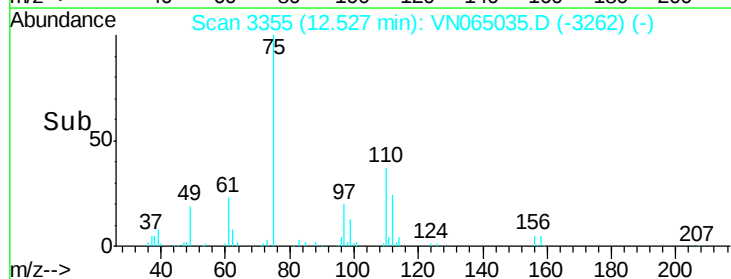
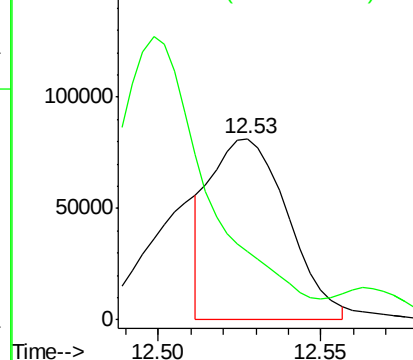
Tgt Ion: 75 Resp: 134348
Ion Ratio Lower Upper

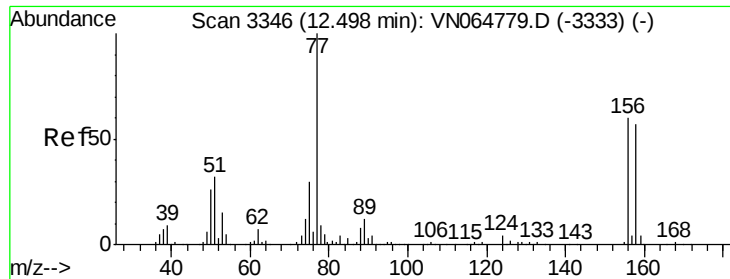
75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0
Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 50.100 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

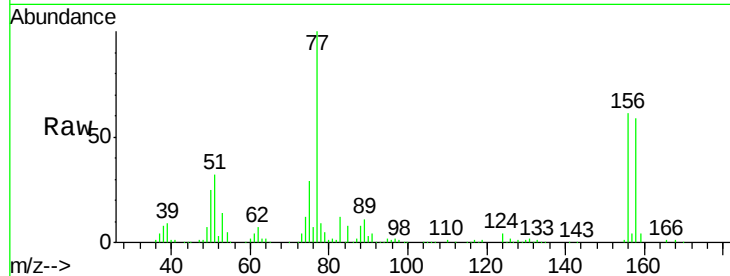
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	195.2	101.3	303.7
158	96.9	48.2	144.6

Manual Integrations
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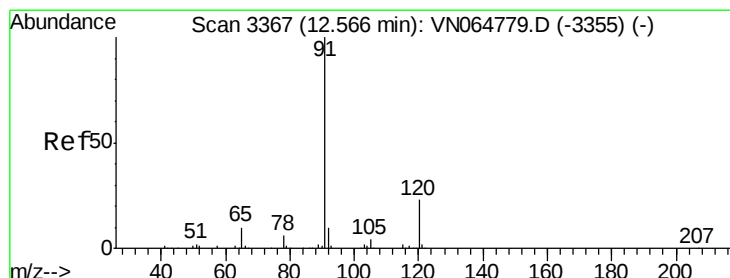
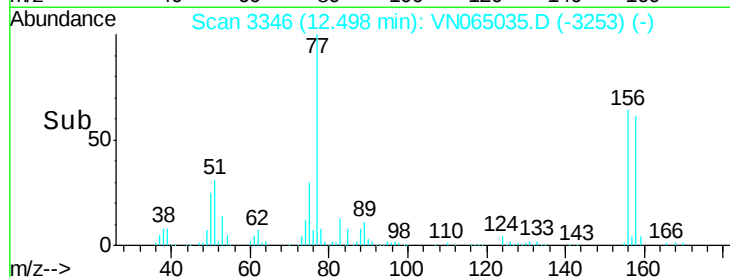
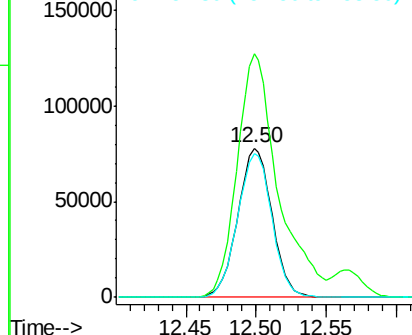
MMDadoda
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.632 ug/l

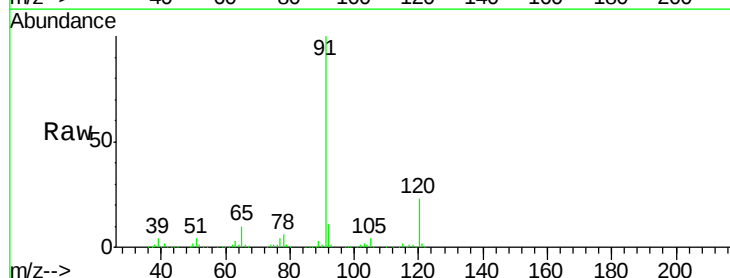
RT: 12.56 min Scan# 3366

Delta R.T. -0.00 min

Lab File: VN065035.D

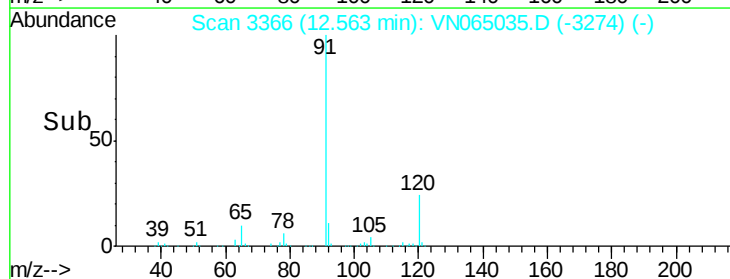
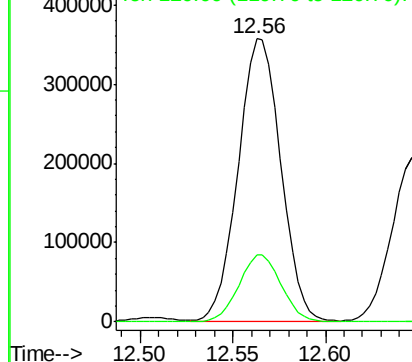
Acq: 9 Dec 2020 21:03

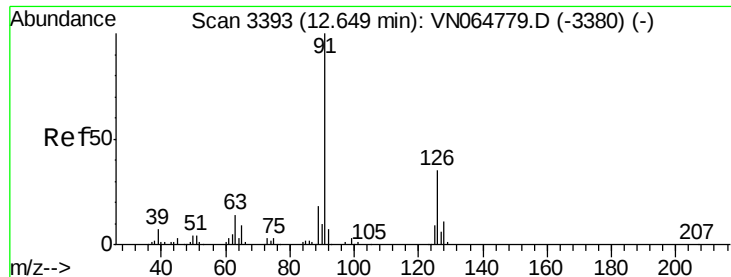
Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.6	34.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





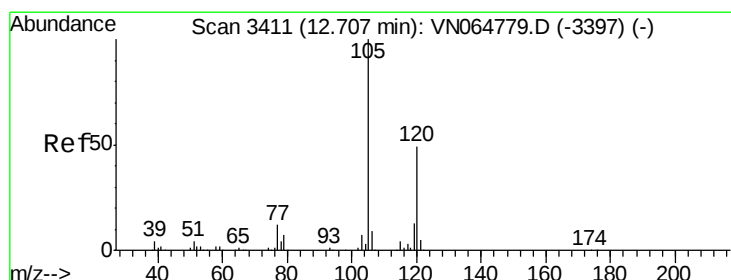
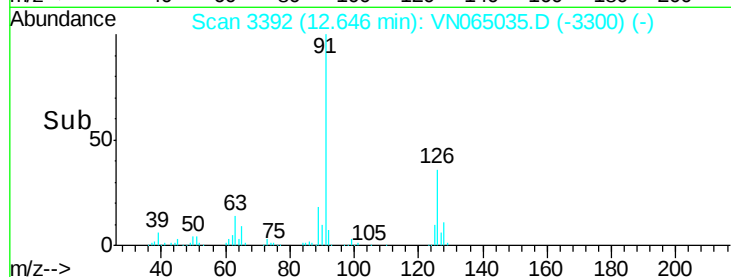
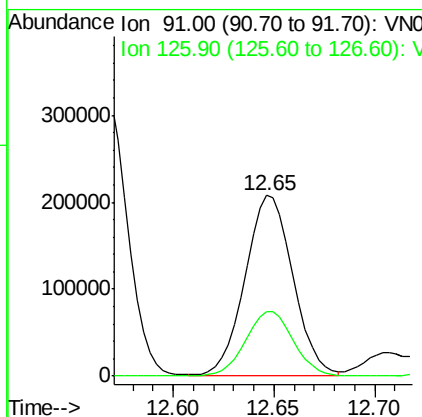
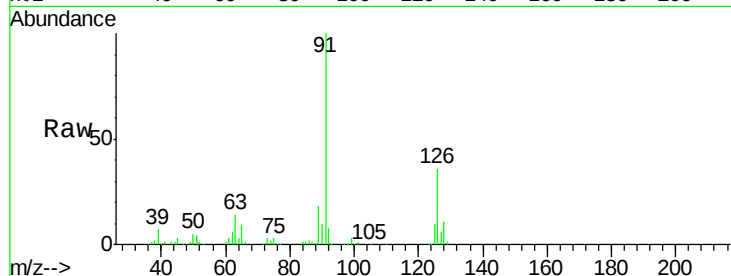
#79
2-Chlorotoluene
Concen: 49.494 ug/l
RT: 12.65 min Scan# 3392
Delta R.T. -0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 342370
Ion Ratio Lower Upper
91 100
126 36.2 17.2 51.6

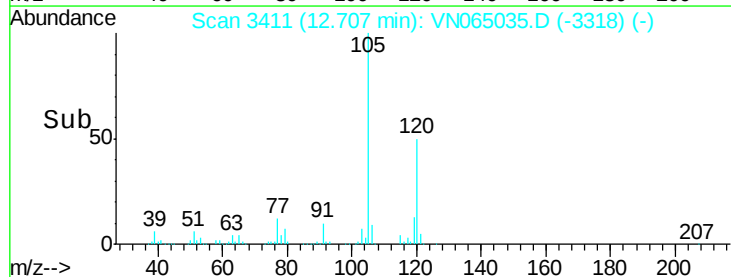
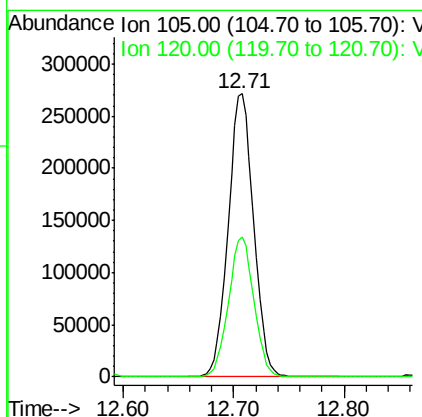
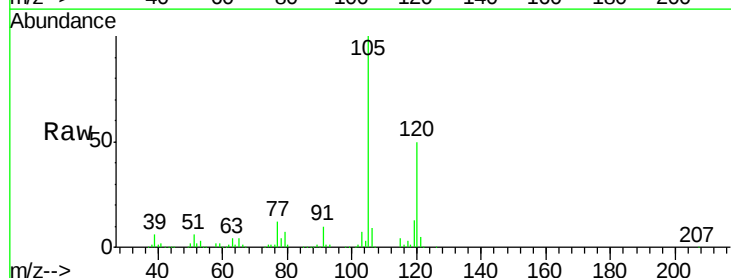
Manual Integrations
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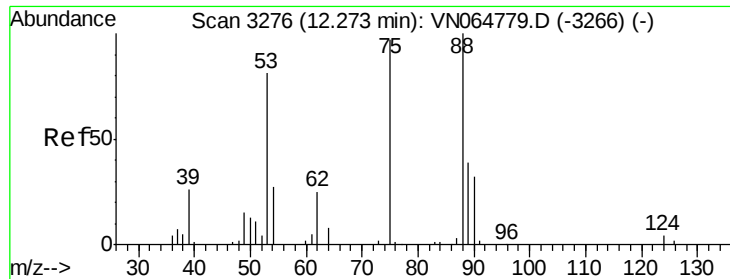
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#80
1,3,5-Trimethylbenzene
Concen: 52.990 ug/l
RT: 12.71 min Scan# 3411
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion: 105 Resp: 432667
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.6





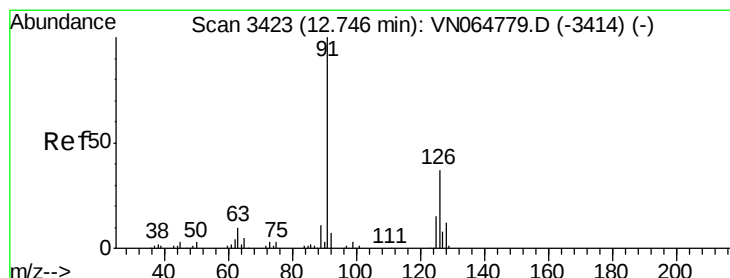
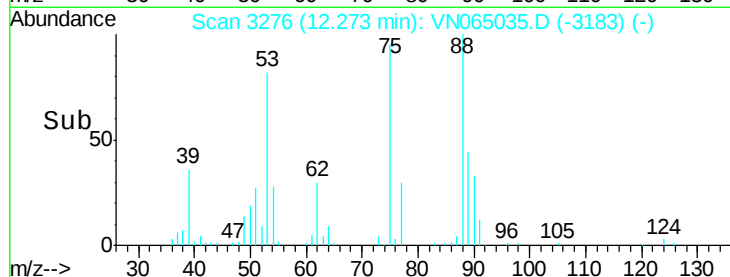
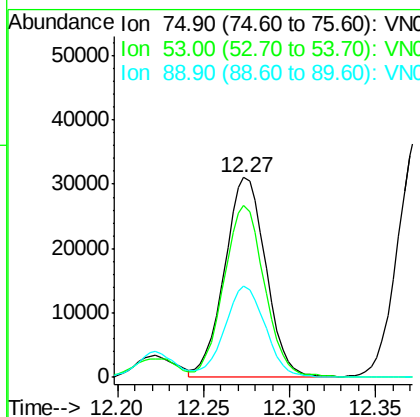
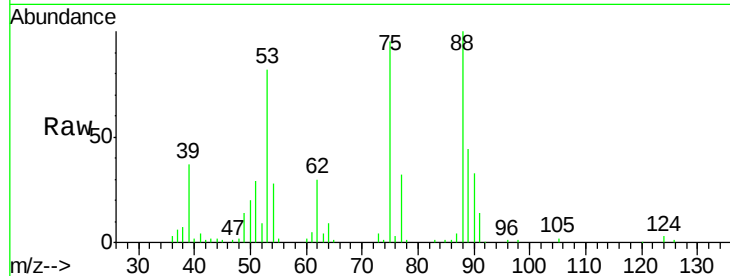
#81
trans-1,4-Dichloro-2-butene
Concen: 47.181 ug/l
RT: 12.27 min Scan# 3276
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.8	67.0	100.4
89	44.6	39.6	59.4

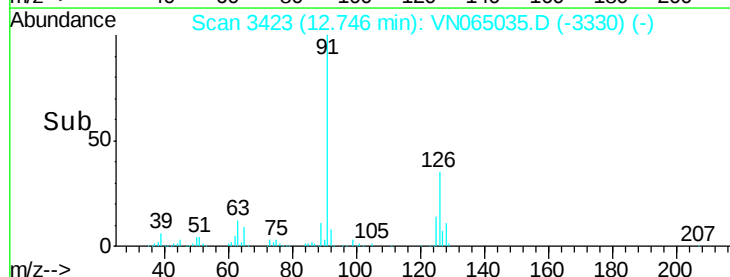
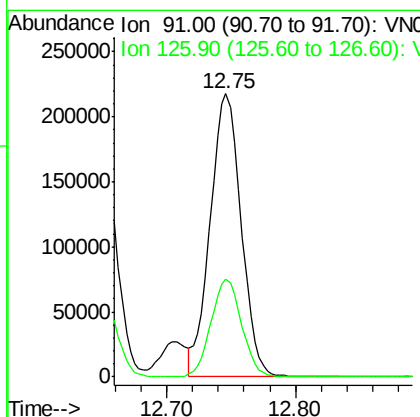
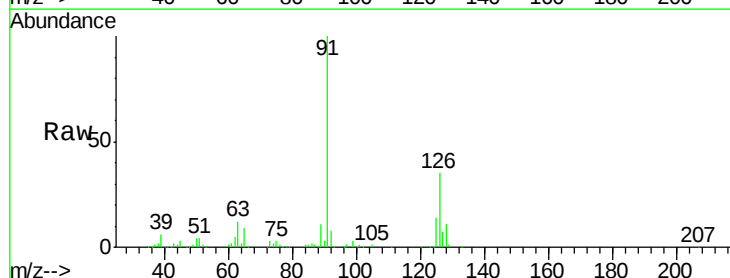
Manual Integrations
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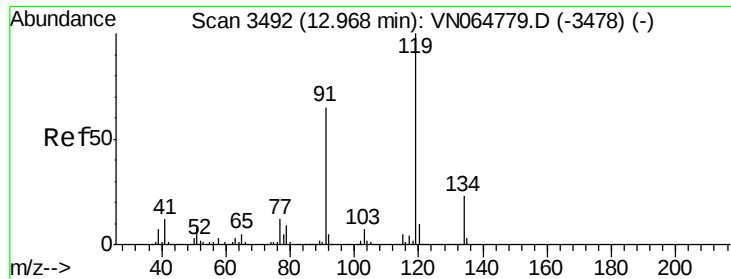
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#82
4-Chlorotoluene
Concen: 49.914 ug/l
RT: 12.75 min Scan# 3423
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.2	16.9	50.7





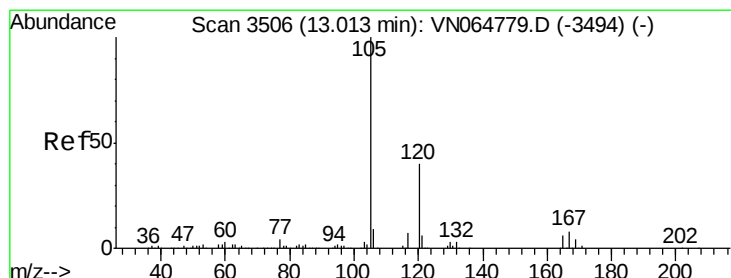
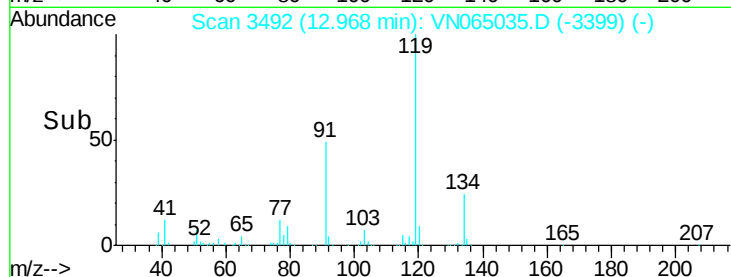
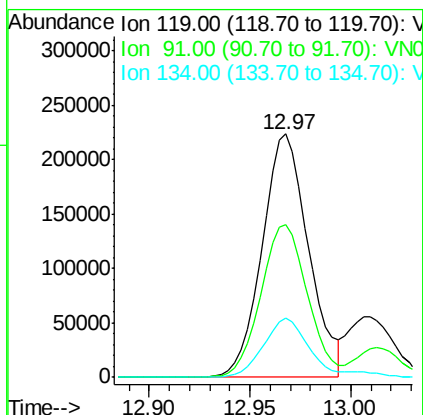
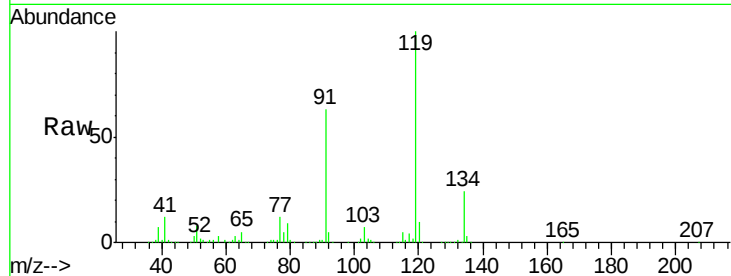
#83
tert-Butylbenzene
Concen: 52.334 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	63.0	32.3	96.8
134	25.1	12.6	37.6

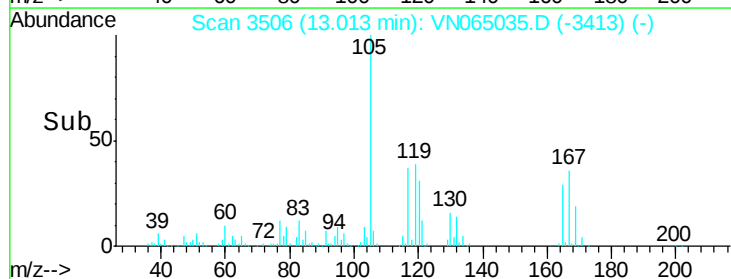
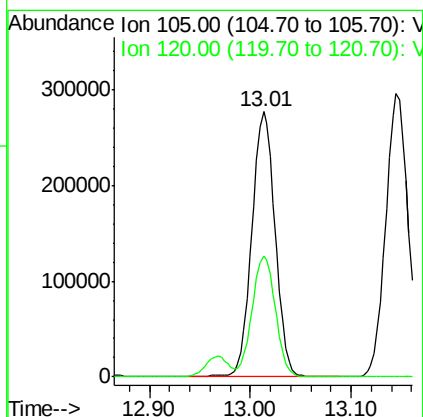
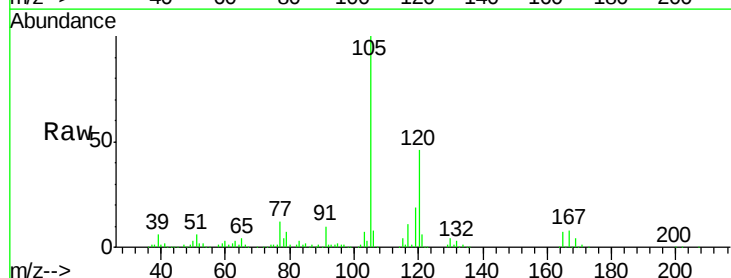
Manual Integrations
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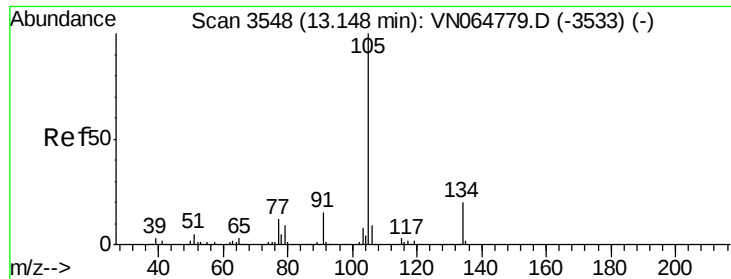
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#84
1,2,4-Trimethylbenzene
Concen: 53.278 ug/l
RT: 13.01 min Scan# 3506
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.2





#85

sec-Butylbenzene

Concen: 50.792 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 461539

Ion Ratio Lower Upper

105 100

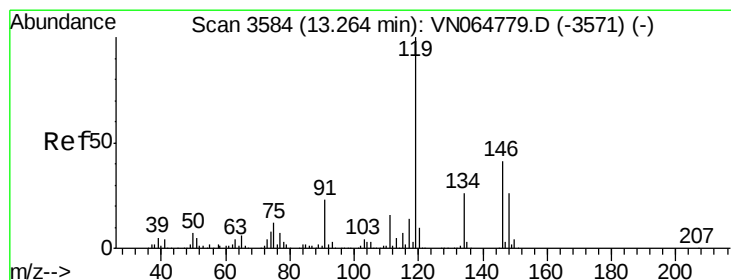
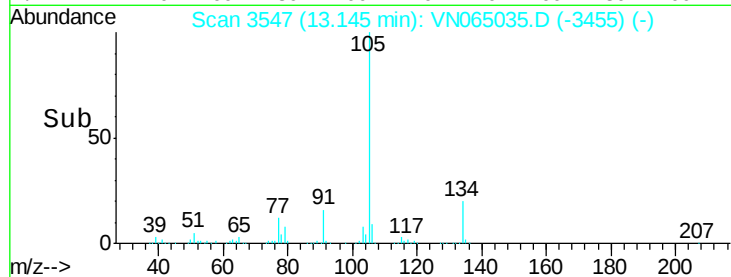
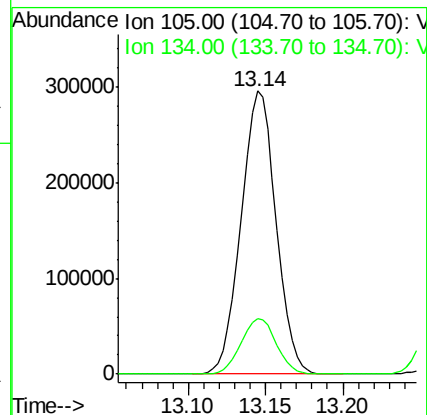
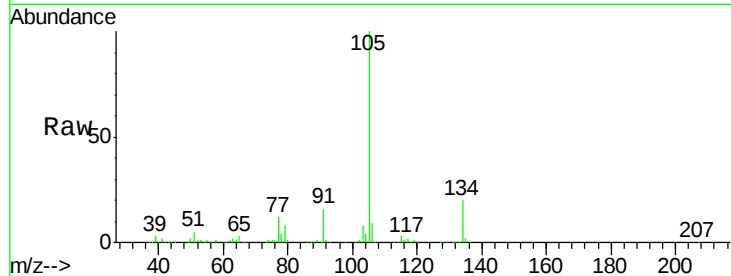
134 19.9 10.1 30.1

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.261 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

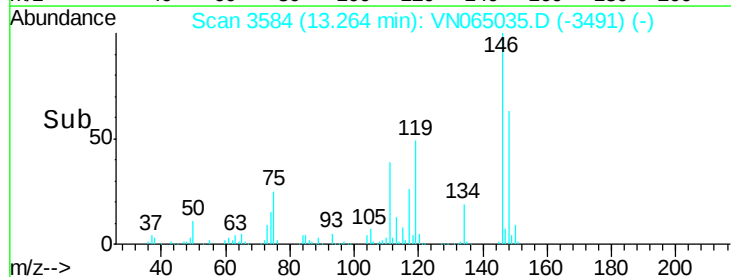
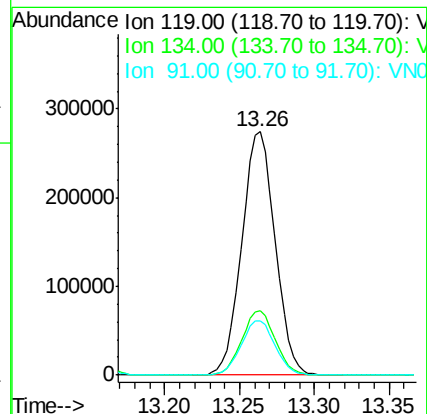
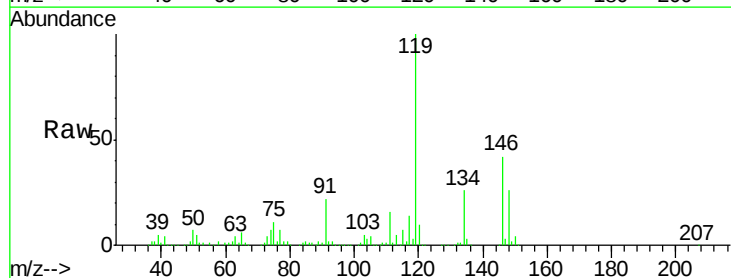
Tgt Ion:119 Resp: 424079

Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.1

91 22.8 11.5 34.5





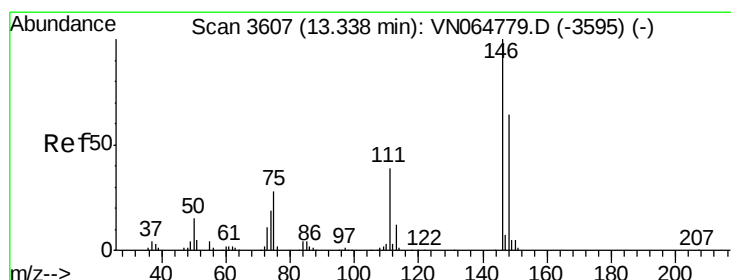
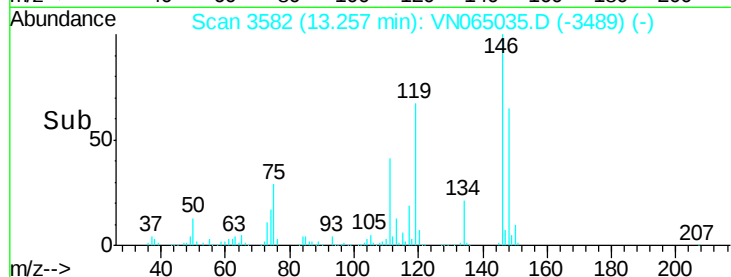
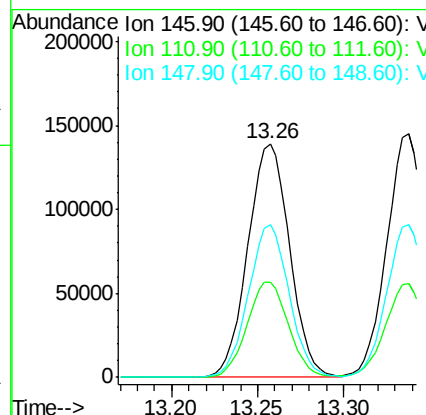
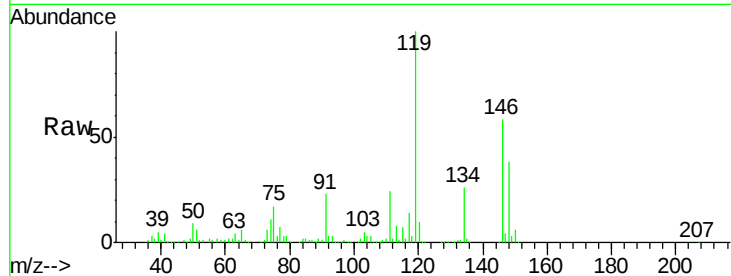
#87
 1,3-Dichlorobenzene
 Concen: 49.768 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.5	20.6	61.9
148	63.6	31.9	95.5

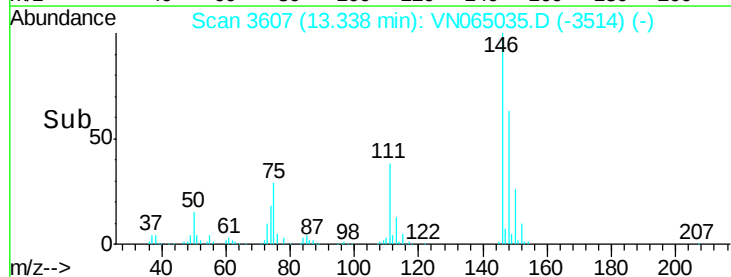
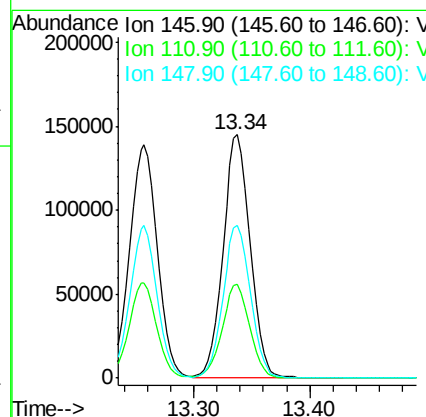
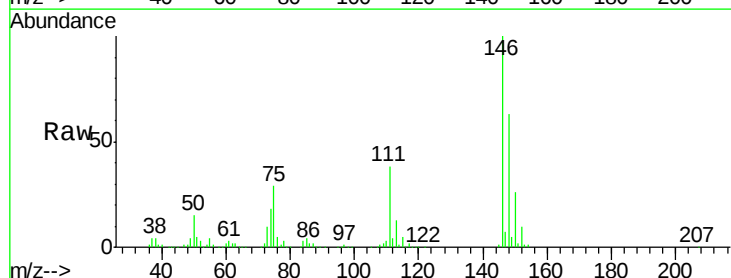
Manual Integrations
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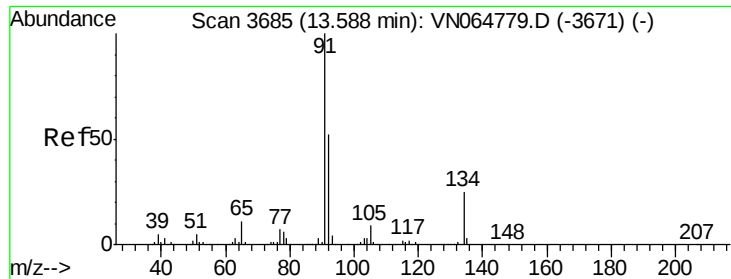
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#88
 1,4-Dichlorobenzene
 Concen: 47.511 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.8	59.3
148	63.7	31.9	95.5





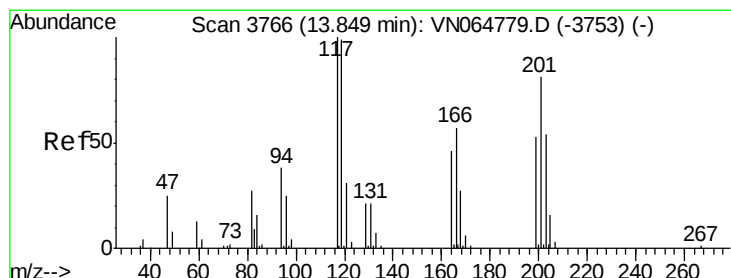
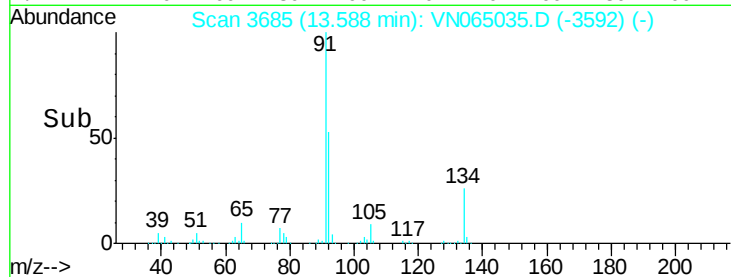
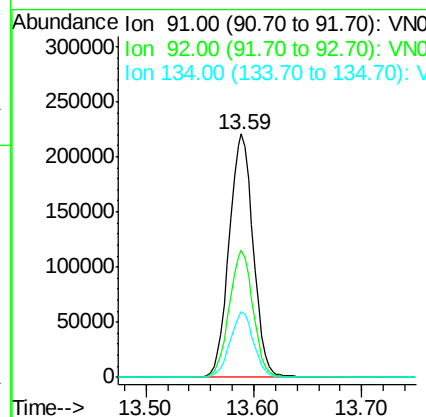
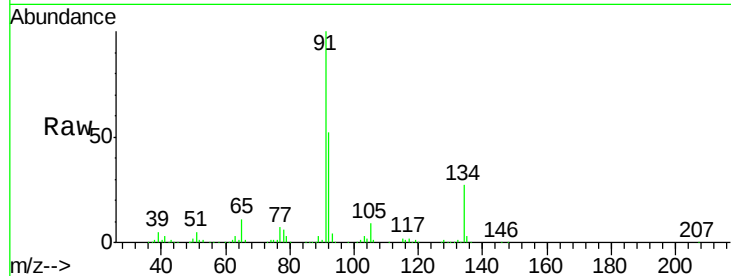
#89
n-Butylbenzene
Concen: 47.256 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.0	78.0
134	26.1	12.9	38.6

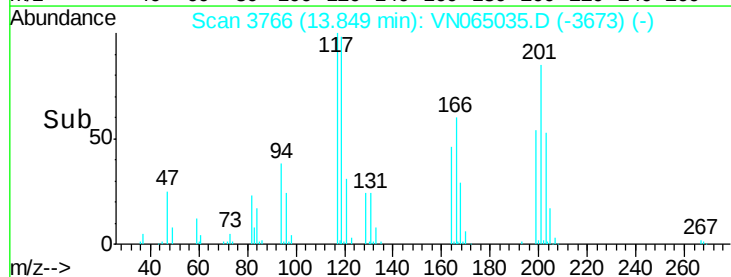
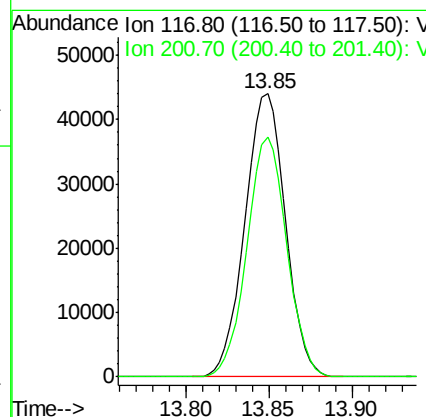
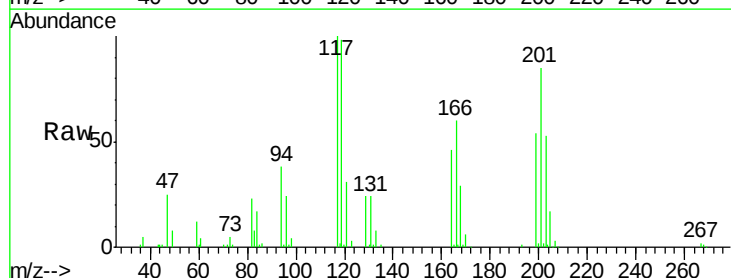
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#90
Hexachloroethane
Concen: 52.095 ug/l
RT: 13.85 min Scan# 3766
Delta R.T. 0.00 min
Lab File: VN065035.D
Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.1	40.1	120.3





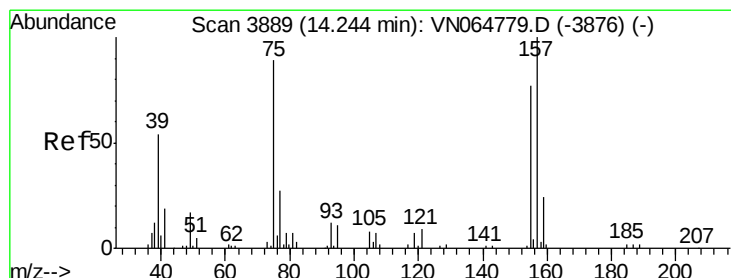
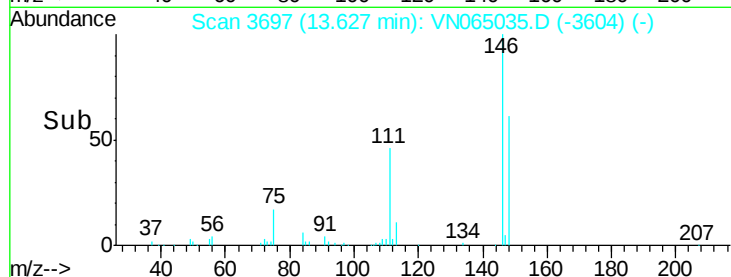
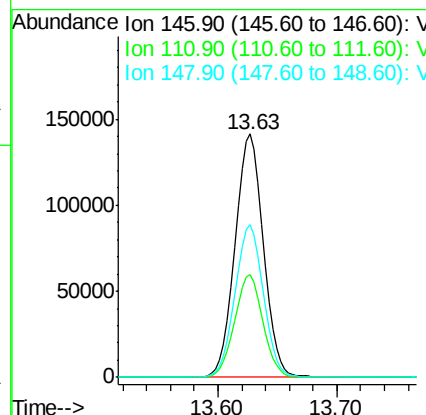
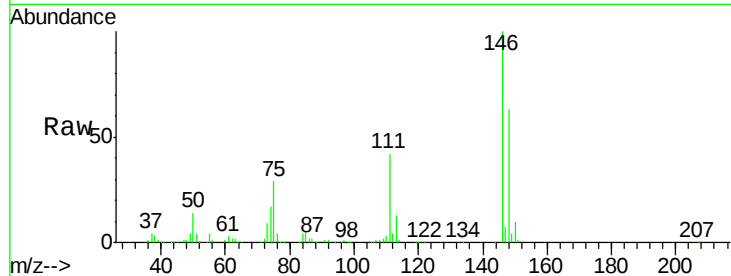
#91
 1,2-Dichlorobenzene
 Concen: 50.540 ug/l
 RT: 13.63 min Scan# 3697
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	233494		
111	42.1	21.1	63.1	
148	62.8	32.0	96.2	

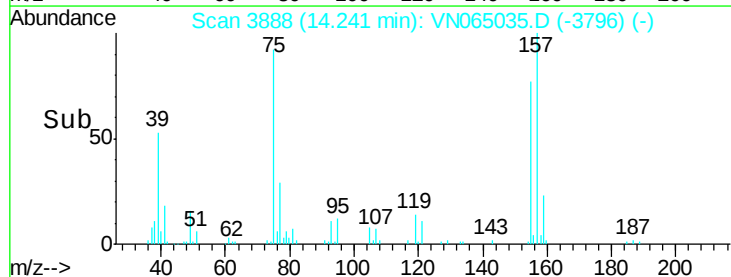
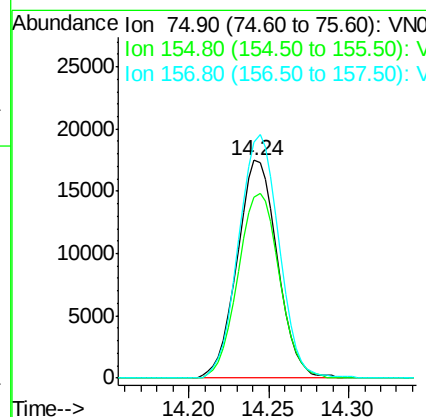
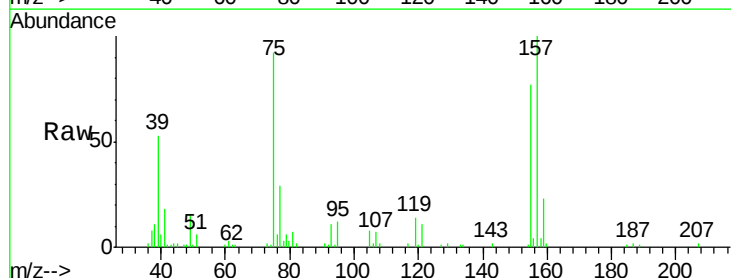
Manual Integrations
 APPROVED

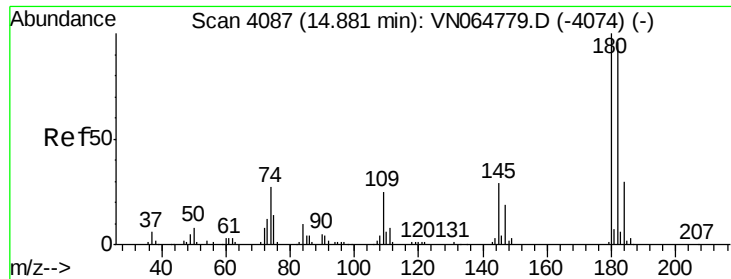
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.253 ug/l
 RT: 14.24 min Scan# 3888
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	29965		
155	87.0	42.8	128.3	
157	112.3	56.4	169.1	





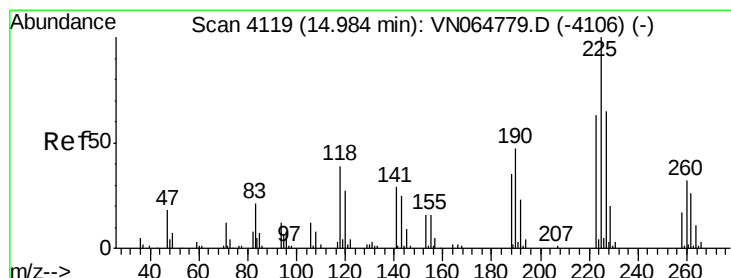
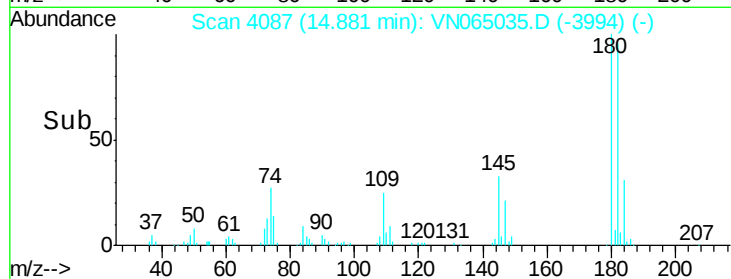
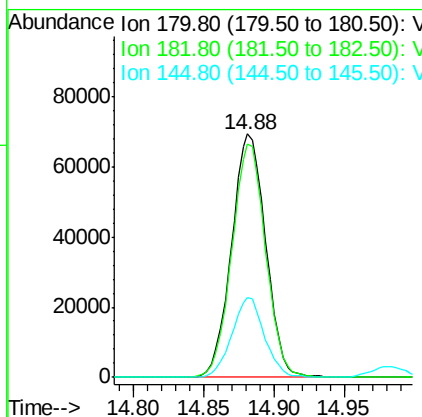
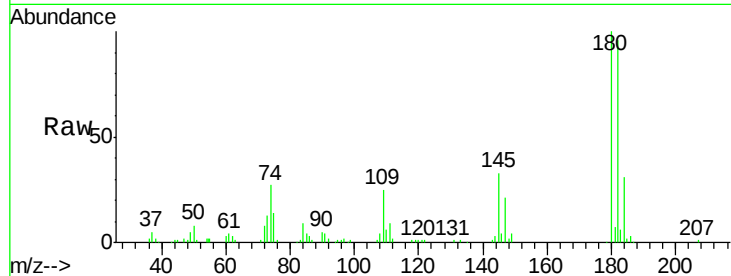
#93
 1,2,4-Trichlorobenzene
 Concen: 41.110 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	117491		
182	95.1	47.6	142.9	
145	31.3	15.3	45.8	

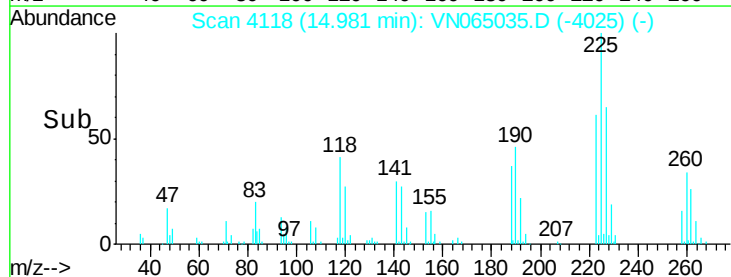
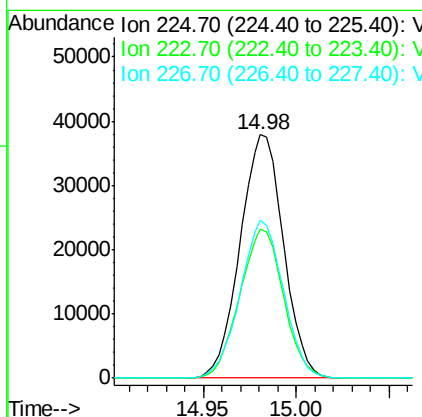
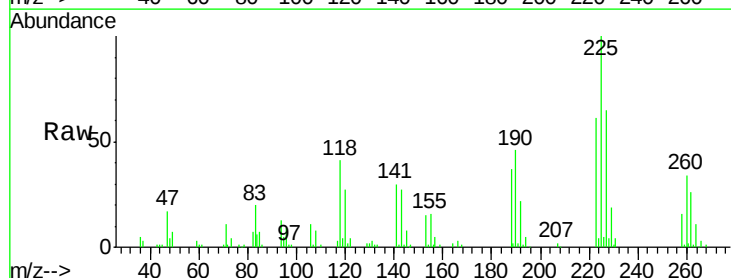
Manual Integrations
 APPROVED

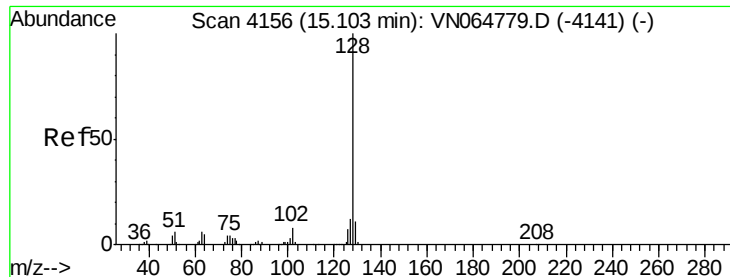
MMDadoda
 12/10/2020 9:14:52 AM



#94
 Hexachlorobutadiene
 Concen: 47.941 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. -0.00 min
 Lab File: VN065035.D
 Acq: 9 Dec 2020 21:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	61679		
223	61.7	31.0	93.0	
227	64.3	32.0	96.0	





#95

Naphthalene

Concen: 41.349 ug/l

RT: 15.10 min Scan# 4156

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Instrument :

MSVOA_N

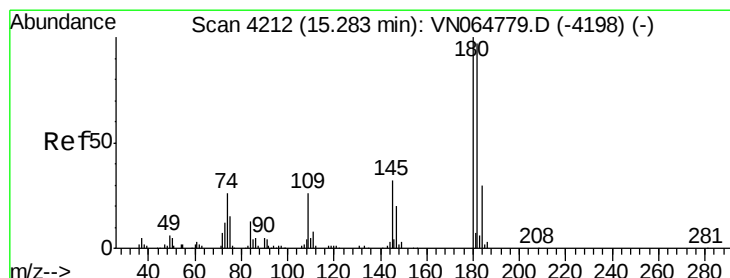
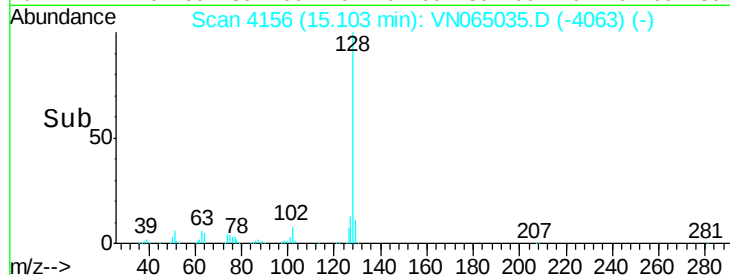
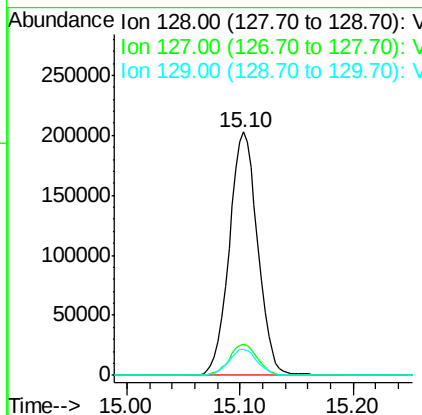
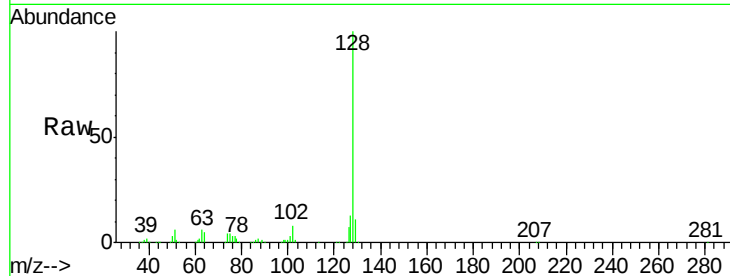
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	354036
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.3	15.5
129	10.7	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
12/10/2020 9:14:52 AM



#96

1,2,3-Trichlorobenzene

Concen: 41.964 ug/l

RT: 15.28 min Scan# 4212

Delta R.T. 0.00 min

Lab File: VN065035.D

Acq: 9 Dec 2020 21:03

Tgt Ion:	180	Resp:	113348
Ion Ratio	Lower	Upper	
180	100		
182	95.5	48.1	144.4
145	32.0	16.4	49.1

