

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070821\
 Data File : VD069624.D
 Acq On : 08 Jul 2021 12:48
 Operator : VA/SY
 Sample : VD0708SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

Manual Integrations
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 7/9/2021 5:44:06 PM

Quant Time: Jul 09 01:01:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062121S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 22 04:33:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.973	168	601758	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1094086	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1030085	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	474632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	382899	51.048	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.100%			
35) Dibromofluoromethane	7.909	113	374492	50.636	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.280%			
50) Toluene-d8	10.338	98	1420561	51.208	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.420%			
62) 4-Bromofluorobenzene	12.626	95	493236	54.083	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.160%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.985	85	100267	17.371	ug/l	100
3) Chloromethane	2.209	50	153111	18.135	ug/l	97
4) Vinyl Chloride	2.350	62	168187	17.870	ug/l	99
5) Bromomethane	2.750	94	113303	18.857	ug/l	95
6) Chloroethane	2.915	64	114107	18.201	ug/l	99
7) Trichlorofluoromethane	3.268	101	229551	20.538	ug/l	97
8) Diethyl Ether	3.709	74	64595	21.848	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	142480	20.842	ug/l	98
10) Methyl Iodide	4.297	142	109216	19.908	ug/l	100
11) Tert butyl alcohol	5.179	59	122976	327.642	ug/l #	83
12) 1,1-Dichloroethene	4.068	96	125178	21.066	ug/l	95
13) Acrolein	3.921	56	29321	70.231	ug/l	98
14) Allyl chloride	4.709	41	195474	23.465	ug/l	90
15) Acrylonitrile	5.415	53	150580	121.328	ug/l	97
16) Acetone	4.156	43	151135	119.710	ug/l	97
17) Carbon Disulfide	4.409	76	382829	19.568	ug/l	99
18) Methyl Acetate	4.715	43	108703	33.793	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	257349	22.036	ug/l	99
20) Methylene Chloride	4.962	84	211462	22.847	ug/l	92
21) trans-1,2-Dichloroethene	5.468	96	151100	21.076	ug/l	98
22) Diisopropyl ether	6.356	45	403094	24.013	ug/l	97
23) Vinyl Acetate	6.303	43	950365	101.261	ug/l	98
24) 1,1-Dichloroethane	6.262	63	295442	22.220	ug/l	99
25) 2-Butanone	7.209	43	190321	118.632	ug/l	94
26) 2,2-Dichloropropane	7.203	77	248881	22.896	ug/l	98
27) cis-1,2-Dichloroethene	7.209	96	168725	21.659	ug/l	95
28) Bromochloromethane	7.544	49	116702	22.409	ug/l	92
29) Tetrahydrofuran	7.556	42	105072	119.461	ug/l	96
30) Chloroform	7.709	83	301166	21.427	ug/l	90
31) Cyclohexane	7.979	56	213988	21.188	ug/l	94
32) 1,1,1-Trichloroethane	7.903	97	252641	21.812	ug/l	97
36) 1,1-Dichloropropene	8.109	75	214208	19.949	ug/l	98
37) Ethyl Acetate	7.285	43	89096	22.360	ug/l	97
38) Carbon Tetrachloride	8.091	117	210047	19.765	ug/l	95
39) Methylcyclohexane	9.356	83	202908	19.156	ug/l	99
40) Benzene	8.350	78	653019	21.095	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	48118	20.751	ug/l	88
42) 1,2-Dichloroethane	8.420	62	185142	20.586	ug/l	99
43) Isopropyl Acetate	8.450	43	164270	22.693	ug/l	96
44) Trichloroethene	9.108	130	159789	20.456	ug/l	99
45) 1,2-Dichloropropane	9.385	63	179184	22.549	ug/l	96
46) Dibromomethane	9.473	93	85694	20.591	ug/l	98
47) Bromodichloromethane	9.661	83	231700	20.733	ug/l	93
48) Methyl methacrylate	9.456	41	69610	20.242	ug/l	98
49) 1,4-Dioxane	9.456	88	17364	423.546	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	429101	112.722	ug/l	98
52) Toluene	10.397	92	402569	21.075	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	205064	21.223	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	247676	21.316	ug/l	94
55) 1,1,2-Trichloroethane	10.797	97	126110	21.458	ug/l	99
56) Ethyl methacrylate	10.655	69	130658	20.516	ug/l	96
57) 1,3-Dichloropropane	10.944	76	213626	21.514	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	351424	103.684	ug/l	97
59) 2-Hexanone	10.979	43	285848	111.276	ug/l	99
60) Dibromochloromethane	11.132	129	141506	20.429	ug/l	100
61) 1,2-Dibromoethane	11.244	107	113388	20.925	ug/l	99
64) Tetrachloroethene	10.873	164	132404	20.468	ug/l	97
65) Chlorobenzene	11.661	112	420742	20.536	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.738	131	149908	20.126	ug/l	97
67) Ethyl Benzene	11.738	91	726072	20.288	ug/l	100
68) m/p-Xylenes	11.850	106	563306	41.803	ug/l	100
69) o-Xylene	12.173	106	247871	20.520	ug/l	99
70) Styrene	12.191	104	445051	20.917	ug/l	99
71) Bromoform	12.355	173	76300	20.214	ug/l #	96
73) Isopropylbenzene	12.473	105	675186	20.647	ug/l	99
74) N-amyl acetate	12.279	43	143151	21.561	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.726	83	138306	21.056	ug/l	98
76) 1,2,3-Trichloropropane	12.779	75	100184m	21.503	ug/l	
77) Bromobenzene	12.755	156	153030	20.608	ug/l	92
78) n-propylbenzene	12.814	91	877759	21.385	ug/l	99
79) 2-Chlorotoluene	12.902	91	502644	21.436	ug/l	99
80) 1,3,5-Trimethylbenzene	12.955	105	583869	21.216	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	38377	20.567	ug/l	98
82) 4-Chlorotoluene	12.997	91	543880	21.634	ug/l	98
83) tert-Butylbenzene	13.214	119	477785	20.605	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	577497	21.109	ug/l	99
85) sec-Butylbenzene	13.391	105	718834	20.950	ug/l	100
86) p-Isopropyltoluene	13.508	119	605928	20.979	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	312347	20.538	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	314828	20.778	ug/l	99
89) n-Butylbenzene	13.832	91	592050	20.549	ug/l	98
90) Hexachloroethane	14.102	117	115981	20.543	ug/l	94
91) 1,2-Dichlorobenzene	13.879	146	273457	20.785	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.496	75	20958	21.029	ug/l	92
93) 1,2,4-Trichlorobenzene	15.149	180	152199	20.737	ug/l	100
94) Hexachlorobutadiene	15.255	225	89851	19.512	ug/l	98
95) Naphthalene	15.391	128	258738	19.679	ug/l	100
96) 1,2,3-Trichlorobenzene	15.585	180	130936	20.240	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

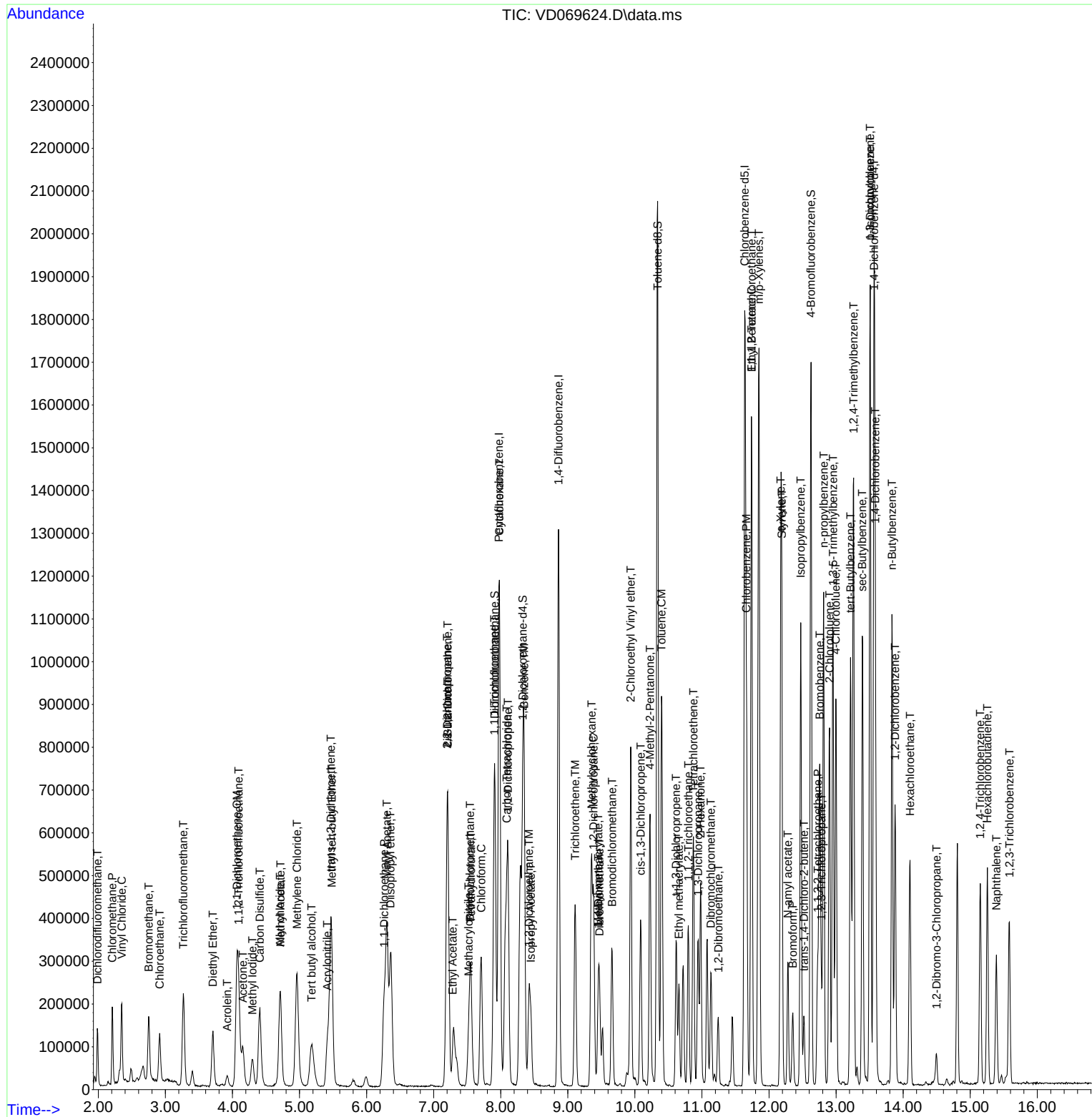
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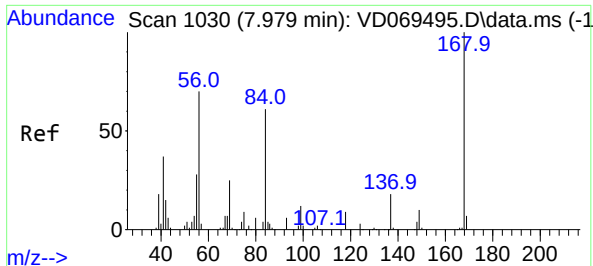
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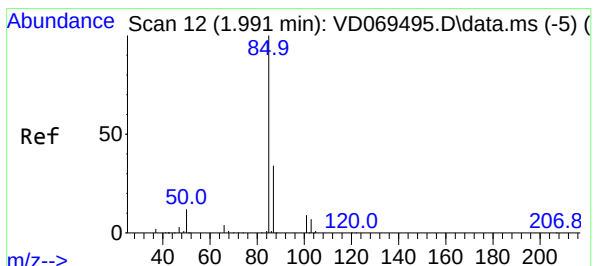
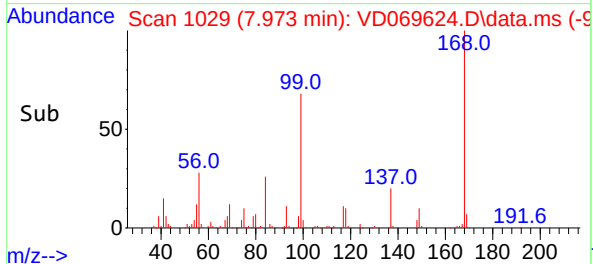
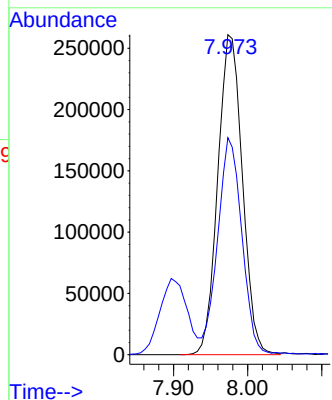
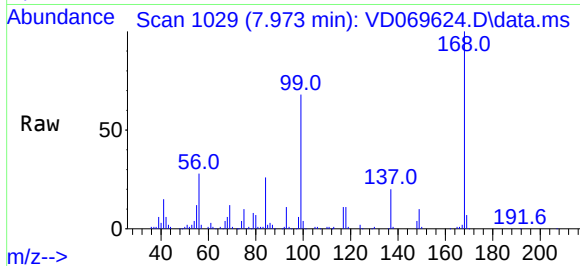
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 168 Resp: 601758
Ion Ratio Lower Upper
168 100
99 67.3 49.3 73.9

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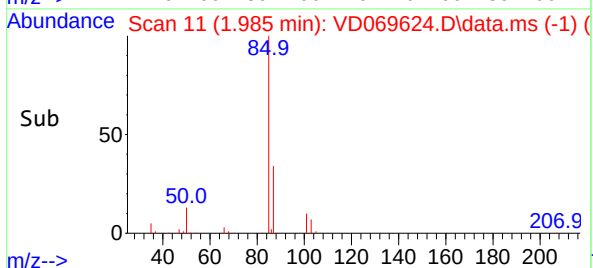
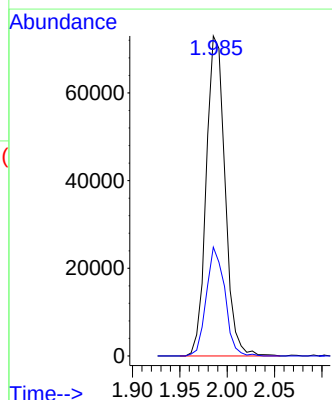
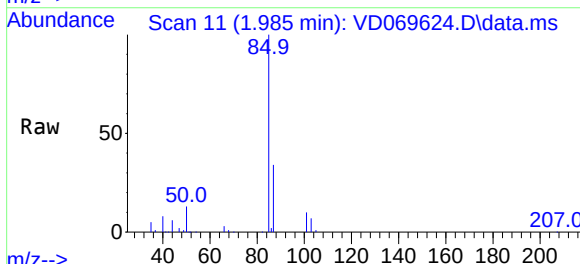
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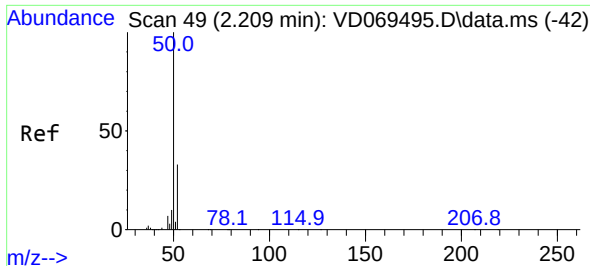
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#2
Dichlorodifluoromethane
Concen: 17.371 ug/l
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 85 Resp: 100267
Ion Ratio Lower Upper
85 100
87 34.0 17.1 51.2





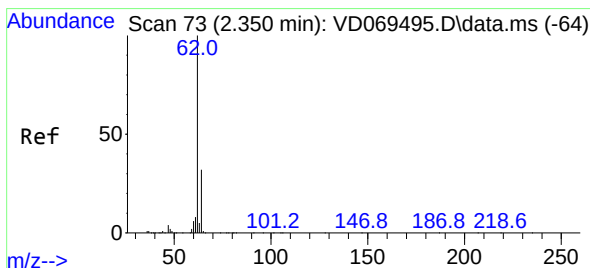
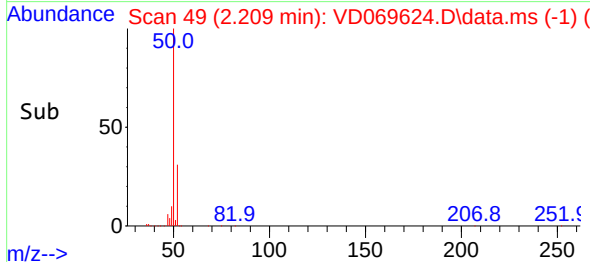
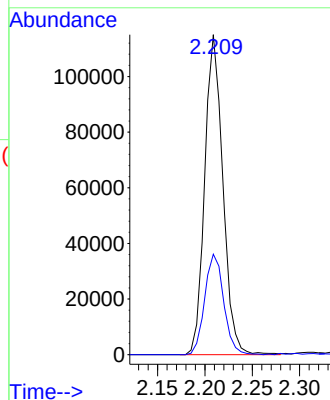
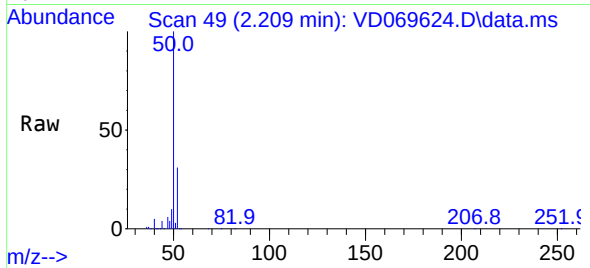
#3
Chloromethane
Concen: 18.135 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 50 Resp: 153111
Ion Ratio Lower Upper
50 100
52 31.4 26.3 39.5

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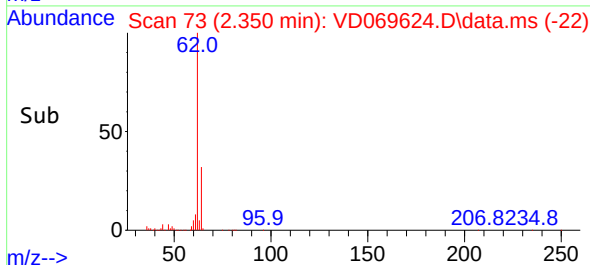
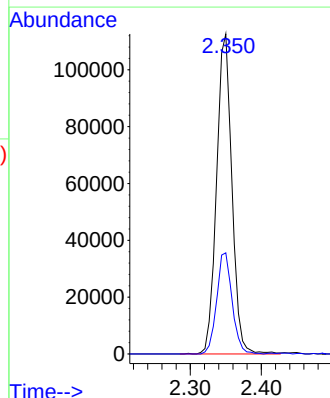
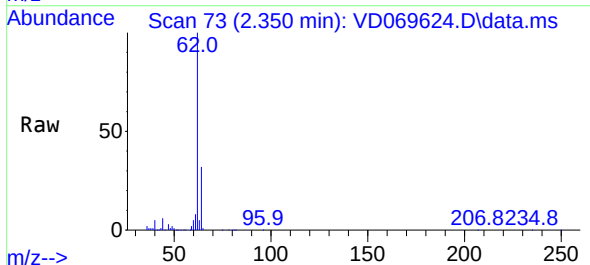
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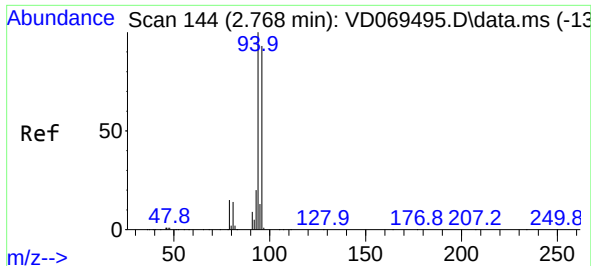
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#4
Vinyl Chloride
Concen: 17.870 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 62 Resp: 168187
Ion Ratio Lower Upper
62 100
64 31.6 25.8 38.8





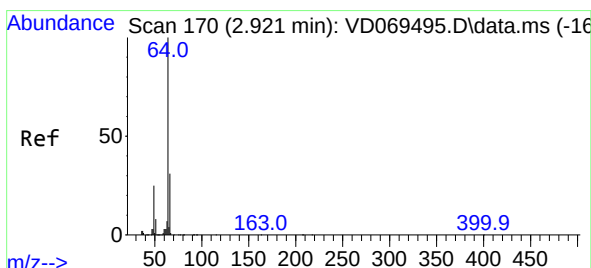
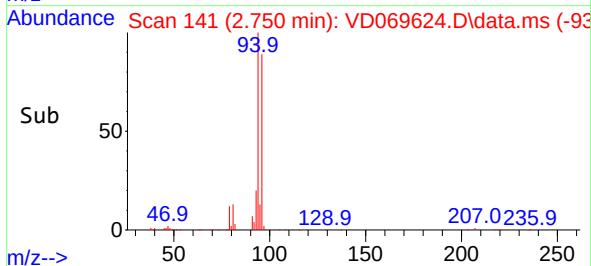
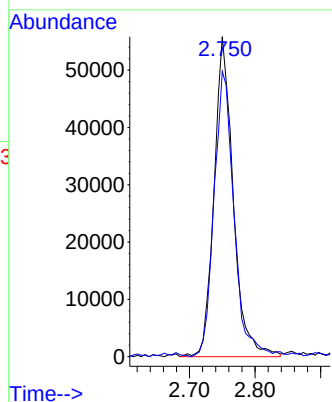
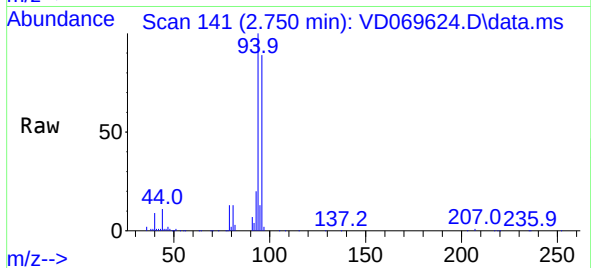
#5
Bromomethane
Concen: 18.857 ug/l
RT: 2.750 min Scan# 141
Delta R.T. -0.018 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 94 Resp: 113303
Ion Ratio Lower Upper
94 100
96 88.5 74.6 111.8

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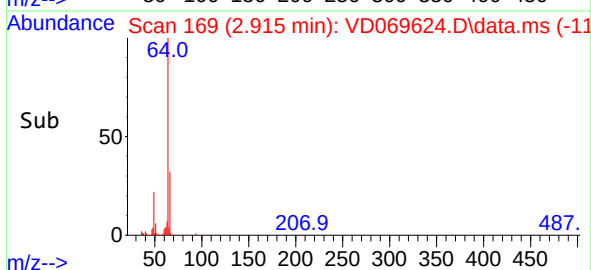
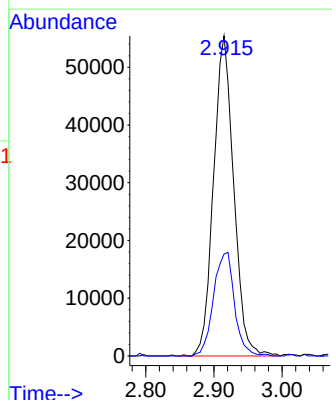
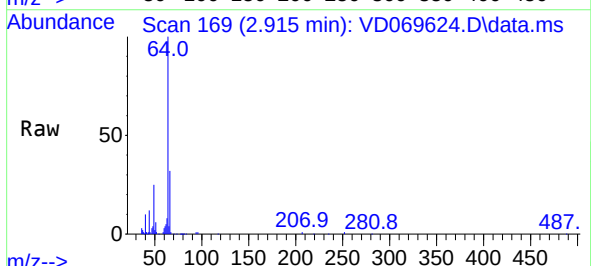
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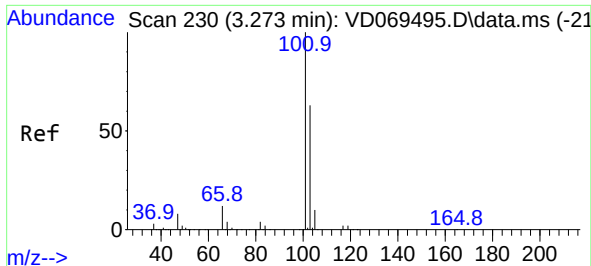
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#6
Chloroethane
Concen: 18.201 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 64 Resp: 114107
Ion Ratio Lower Upper
64 100
66 31.9 25.0 37.4





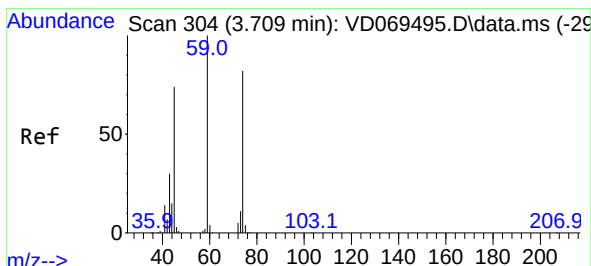
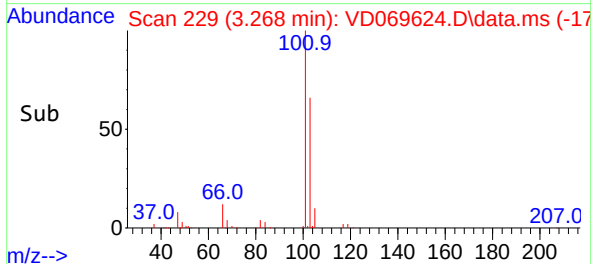
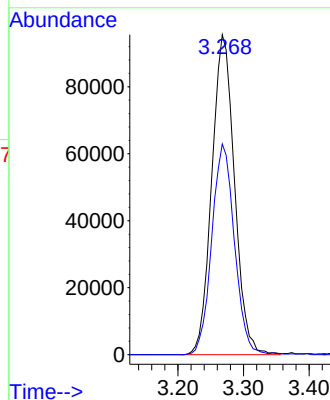
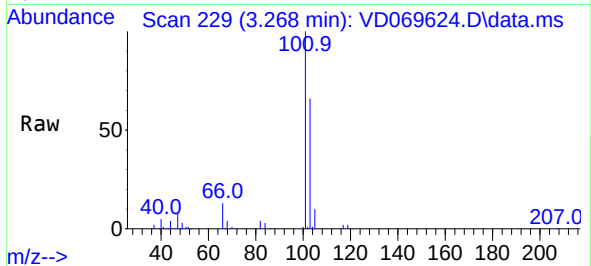
#7
Trichlorofluoromethane
Concen: 20.538 ug/l
RT: 3.268 min Scan# 229
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion:101 Resp: 229551
Ion Ratio Lower Upper
101 100
103 65.9 50.6 75.8

Instrument :
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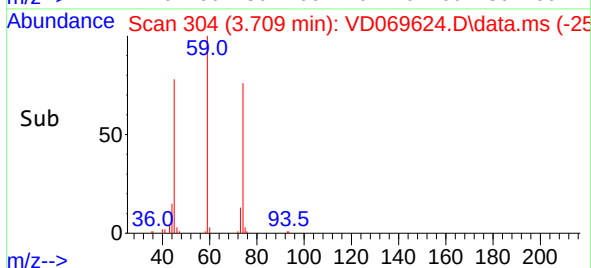
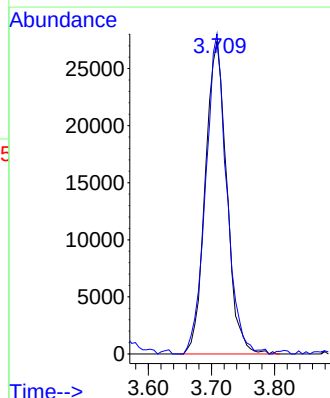
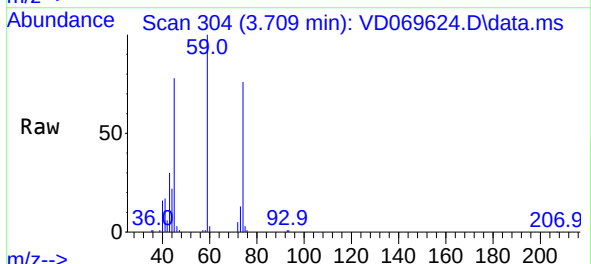
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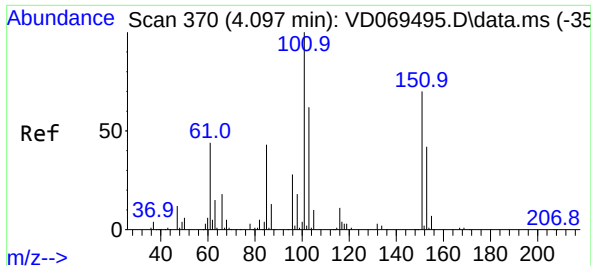
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#8
Diethyl Ether
Concen: 21.848 ug/l
RT: 3.709 min Scan# 304
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 74 Resp: 64595
Ion Ratio Lower Upper
74 100
45 100.8 45.6 136.8





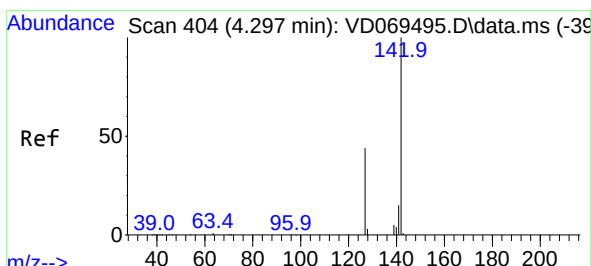
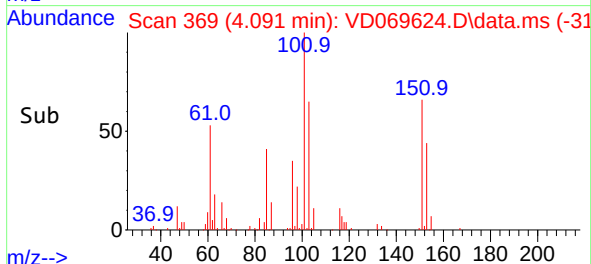
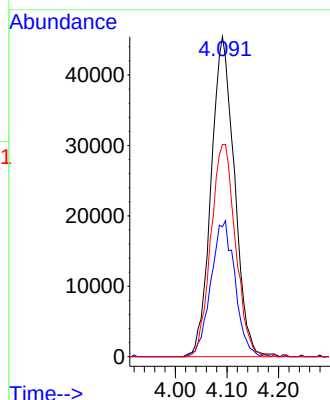
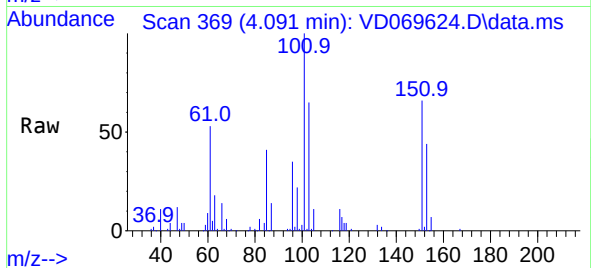
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.842 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion:101 Resp: 142480
Ion Ratio Lower Upper
101 100
85 44.0 35.9 53.9
151 70.0 57.1 85.7

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

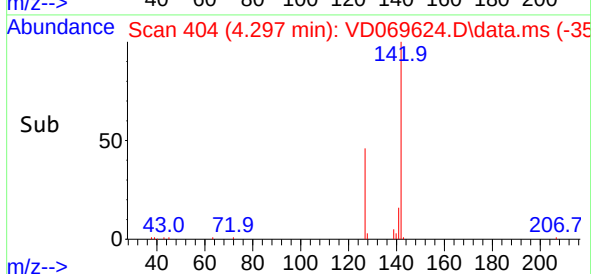
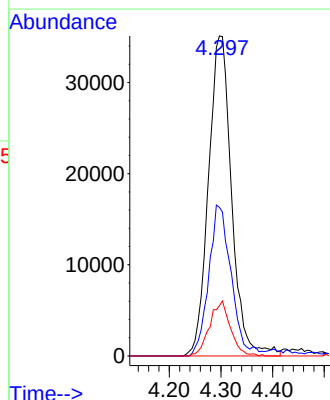
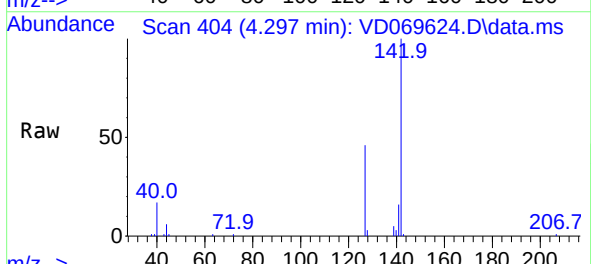
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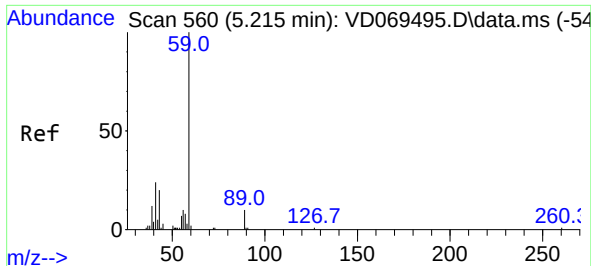
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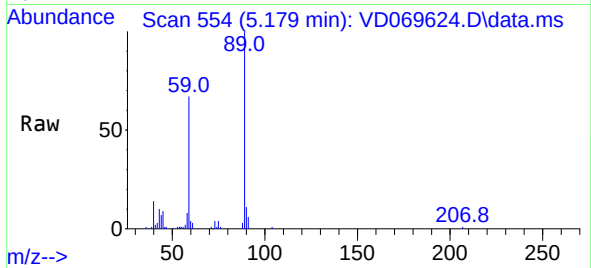
#10
Methyl Iodide
Concen: 19.908 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion:142 Resp: 109216
Ion Ratio Lower Upper
142 100
127 45.8 36.5 54.7
141 15.5 12.0 18.0

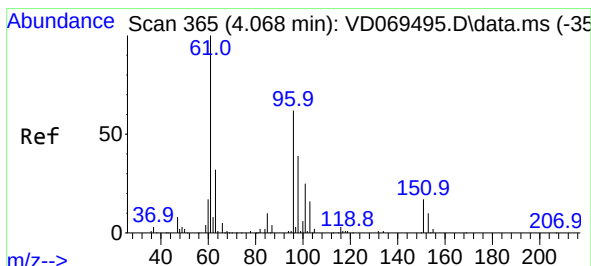
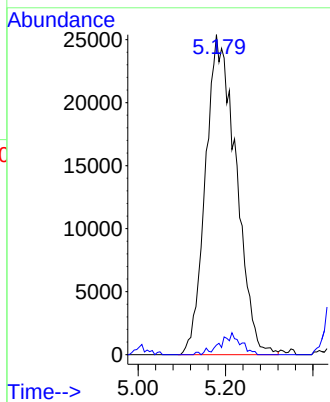
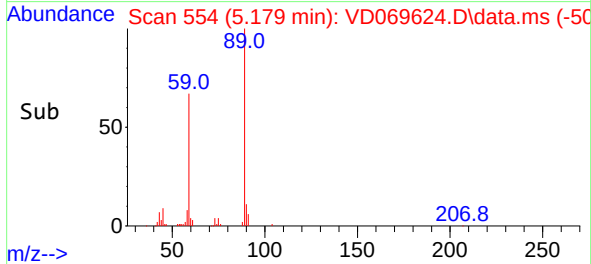




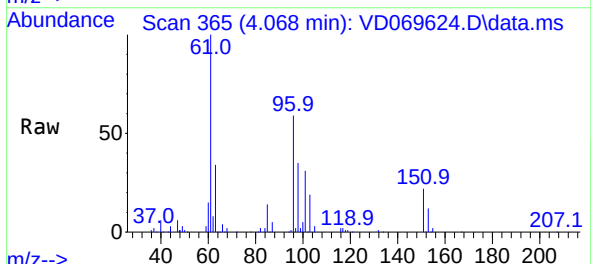
#11
Tert butyl alcohol
Concen: 327.642 ug/l
RT: 5.179 min Scan# 554
Delta R.T. -0.036 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



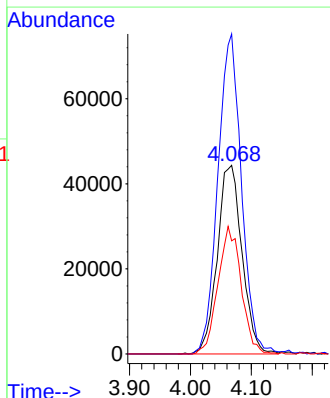
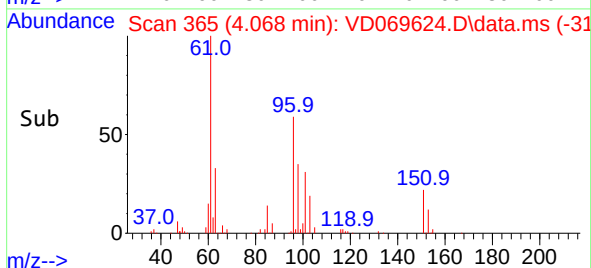
Tgt Ion: 59 Resp: 122976
Ion Ratio Lower Upper
59 100
57 0.0 4.6 7.0#



#12
1,1-Dichloroethene
Concen: 21.066 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



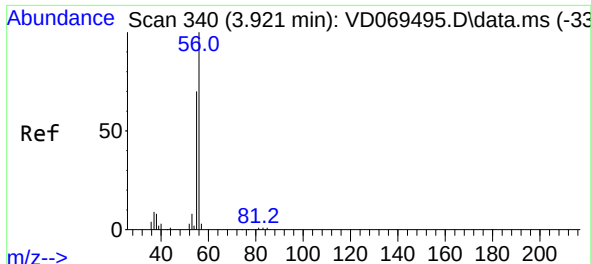
Tgt Ion: 96 Resp: 125178
Ion Ratio Lower Upper
96 100
61 169.7 130.1 195.1
98 60.0 51.2 76.8



Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

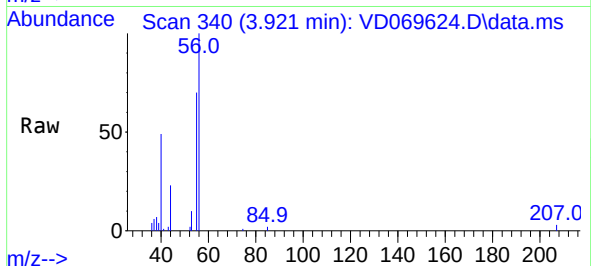
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#13
Acrolein
Concen: 70.231 ug/l
RT: 3.921 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

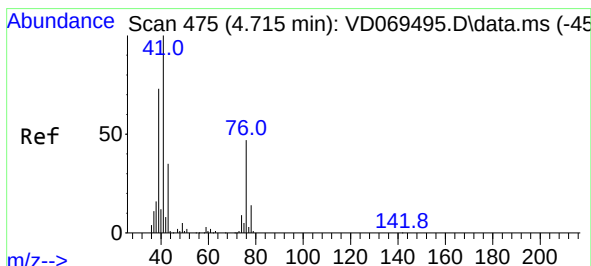
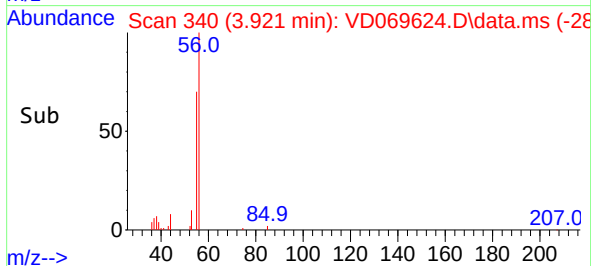
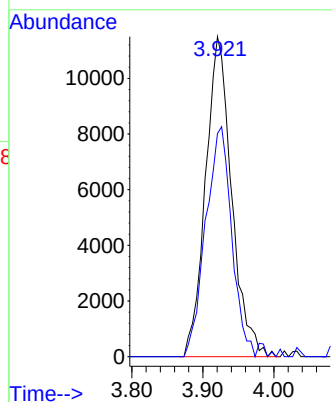
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01



Tgt Ion: 56 Resp: 29321
Ion Ratio Lower Upper
56 100
55 71.6 56.0 84.0

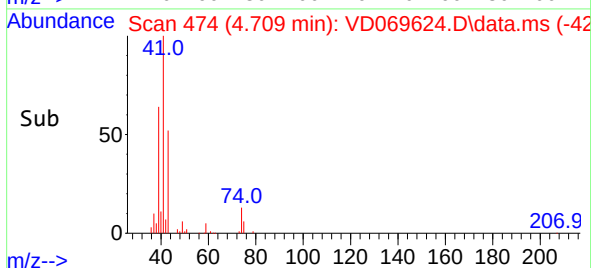
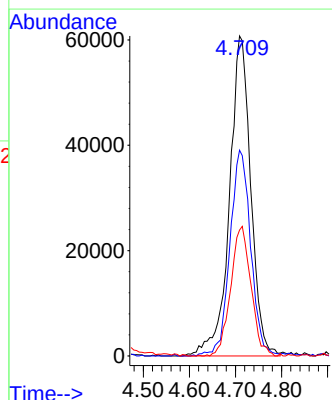
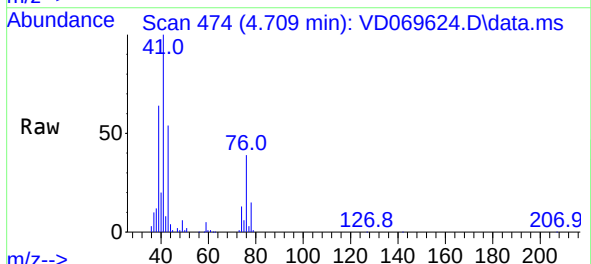
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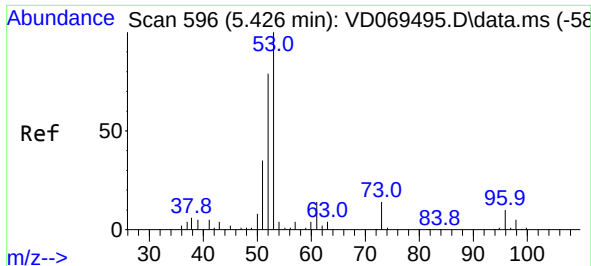
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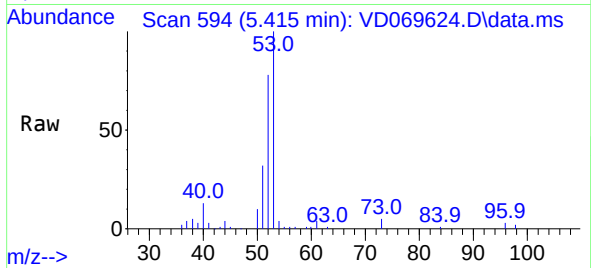
#14
Allyl chloride
Concen: 23.465 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 41 Resp: 195474
Ion Ratio Lower Upper
41 100
39 62.6 58.2 87.4
76 38.5 33.8 50.8

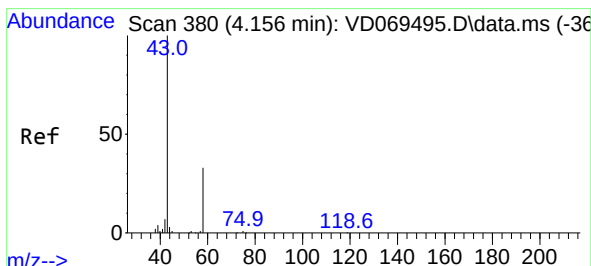
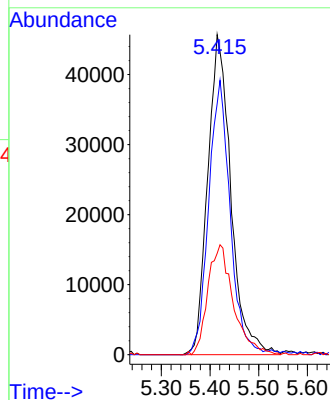
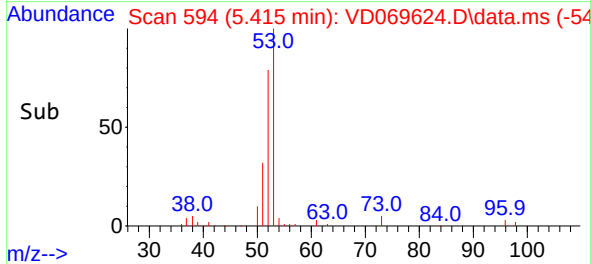




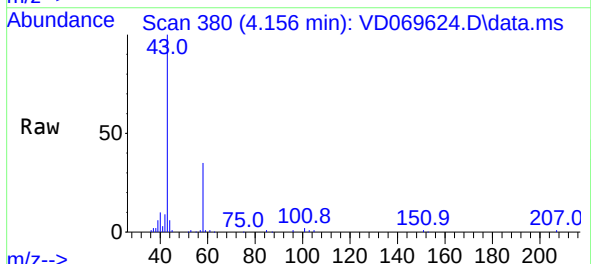
#15
Acrylonitrile
Concen: 121.328 ug/l
RT: 5.415 min Scan# 594
Delta R.T. -0.012 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



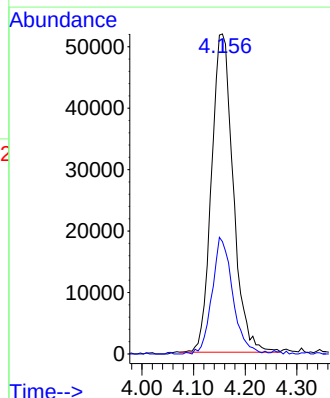
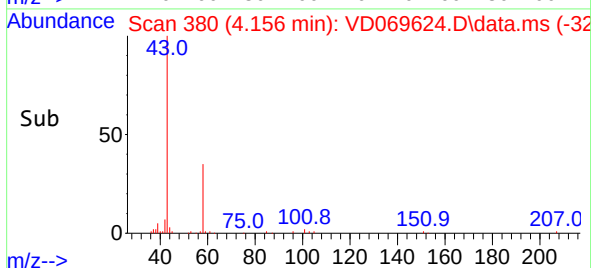
Tgt Ion: 53 Resp: 150580
Ion Ratio Lower Upper
53 100
52 79.5 65.8 98.6
51 38.0 29.7 44.5



#16
Acetone
Concen: 119.710 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



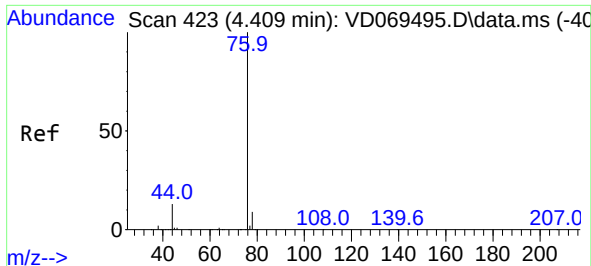
Tgt Ion: 43 Resp: 151135
Ion Ratio Lower Upper
43 100
58 35.3 26.8 40.2



Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

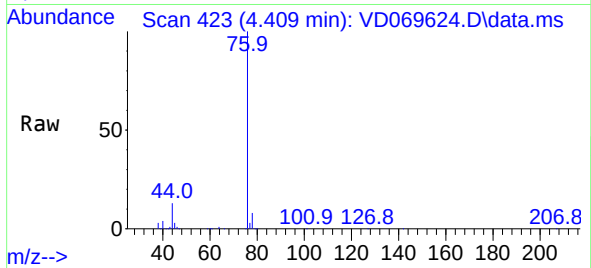
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#17
Carbon Disulfide
Concen: 19.568 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

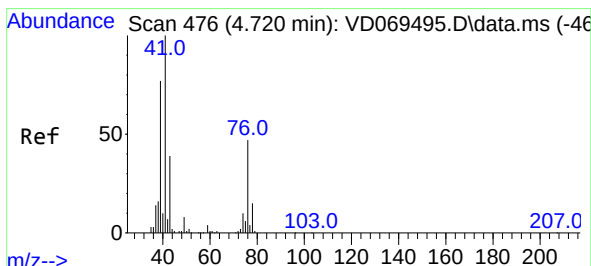
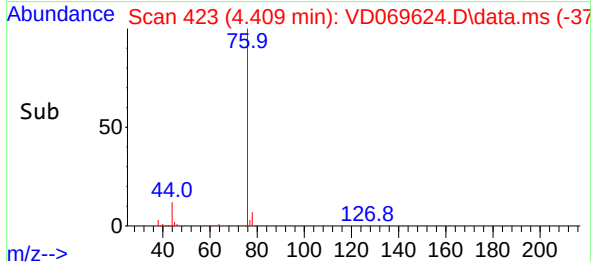
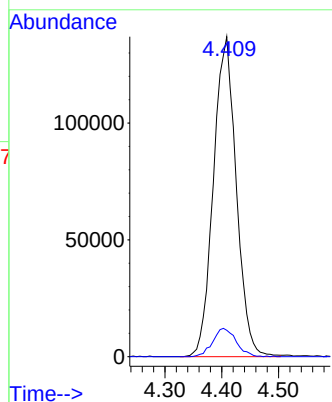
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01



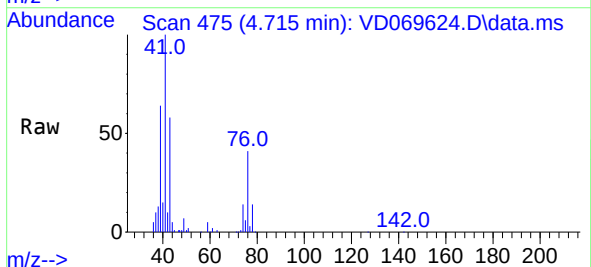
Tgt Ion: 76 Resp: 382829
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.4

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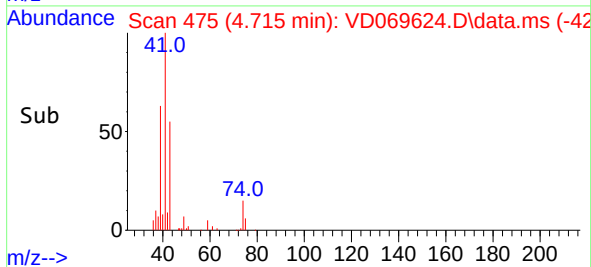
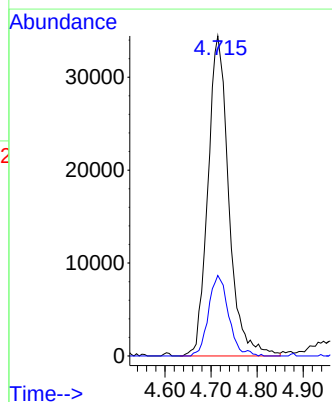
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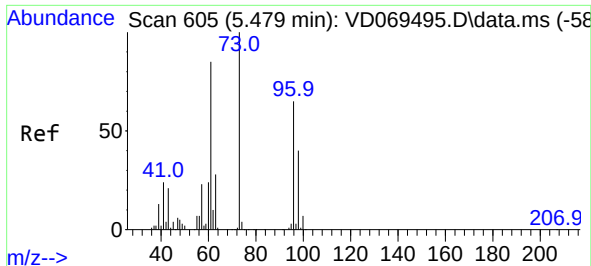


#18
Methyl Acetate
Concen: 33.793 ug/l
RT: 4.715 min Scan# 475
Delta R.T. -0.005 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



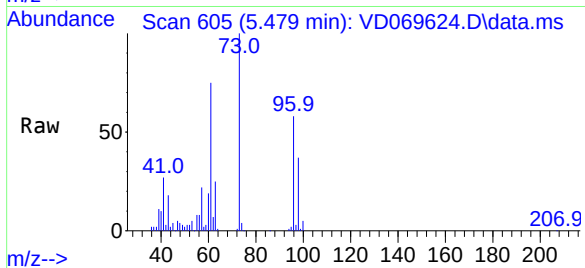
Tgt Ion: 43 Resp: 108703
Ion Ratio Lower Upper
43 100
74 24.1 21.0 31.4





#19
Methyl tert-butyl Ether
Concen: 22.036 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

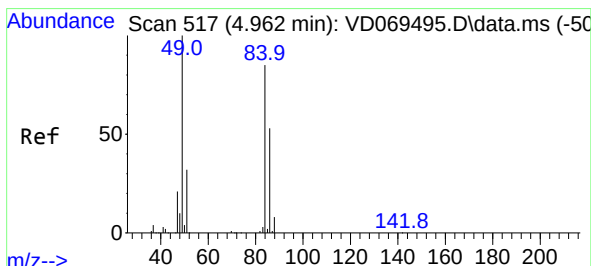
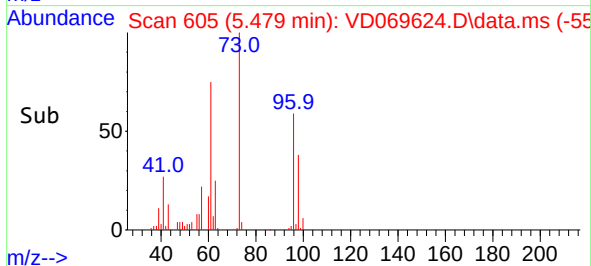
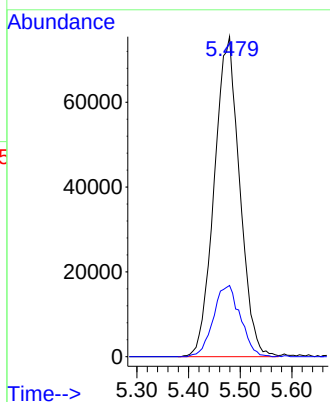
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01



Tgt Ion: 73 Resp: 257349
Ion Ratio Lower Upper
73 100
57 22.2 18.1 27.1

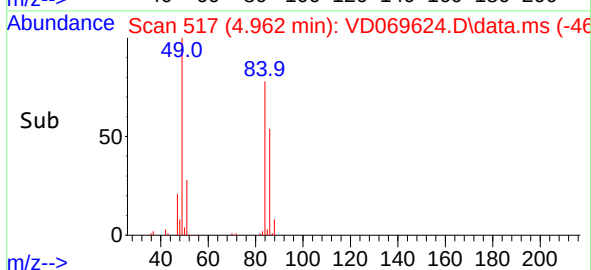
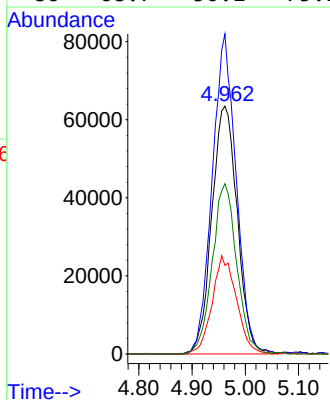
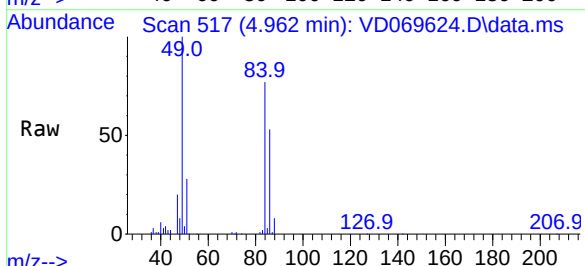
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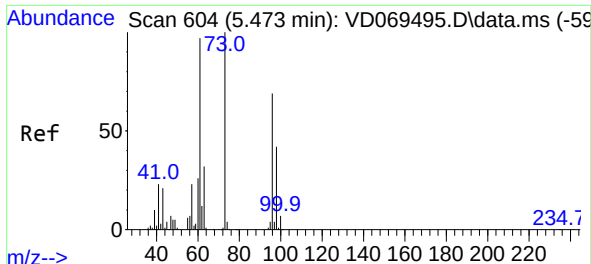
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#20
Methylene Chloride
Concen: 22.847 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 84 Resp: 211462
Ion Ratio Lower Upper
84 100
49 129.1 94.0 141.0
51 35.7 29.7 44.5
86 68.7 50.1 75.1





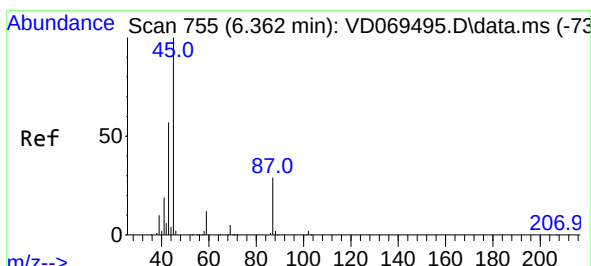
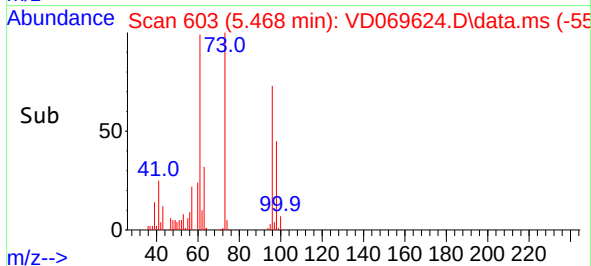
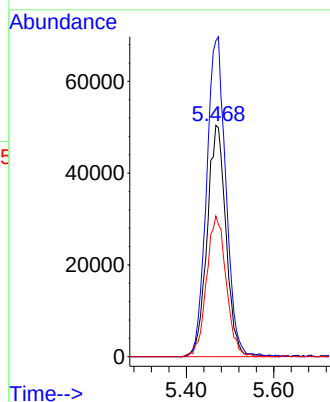
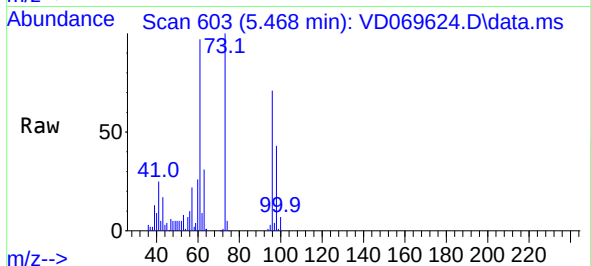
#21
trans-1,2-Dichloroethene
Concen: 21.076 ug/l
RT: 5.468 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 96 Resp: 151100
Ion Ratio Lower Upper
96 100
61 136.5 111.8 167.6
98 60.8 48.5 72.7

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

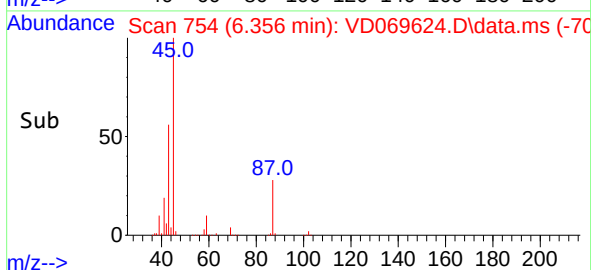
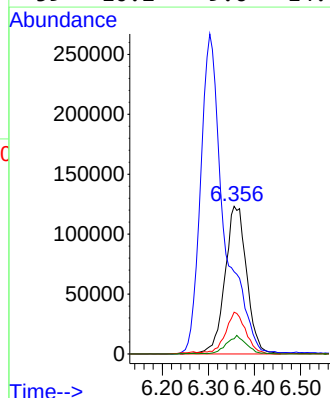
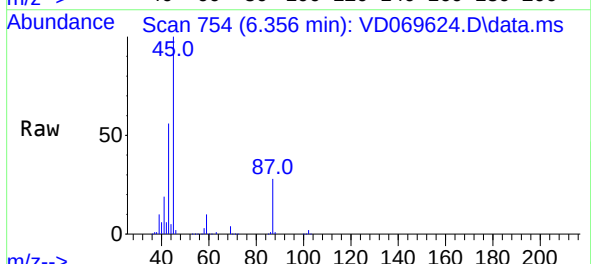
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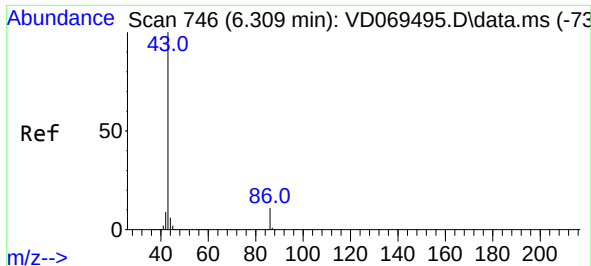
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#22
Diisopropyl ether
Concen: 24.013 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 45 Resp: 403094
Ion Ratio Lower Upper
45 100
43 55.2 45.8 68.6
87 28.3 23.4 35.2
59 10.2 9.6 14.4





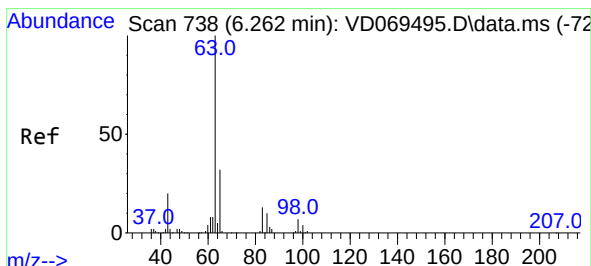
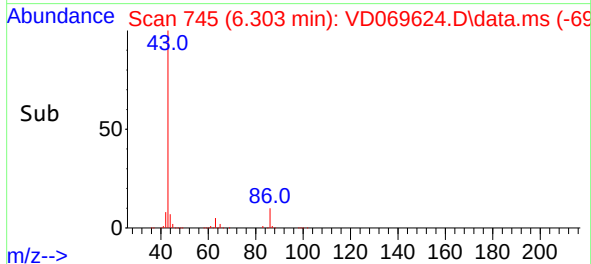
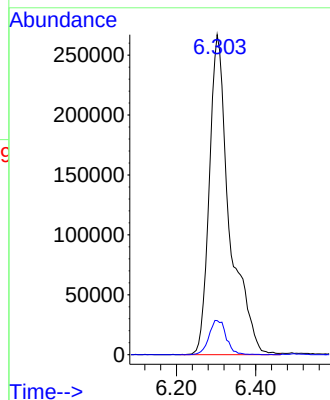
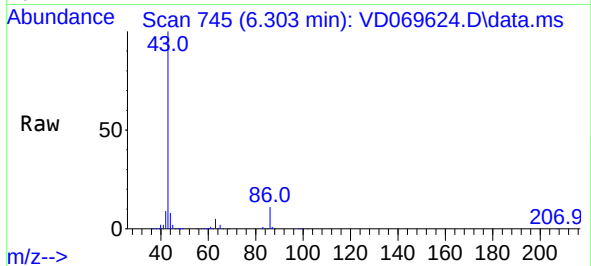
#23
 Vinyl Acetate
 Concen: 101.261 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.006 min
 Lab File: VD069624.D
 Acq: 08 Jul 2021 12:48

Tgt Ion: 43 Resp: 950365
 Ion Ratio Lower Upper
 43 100
 86 10.6 9.1 13.7

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01

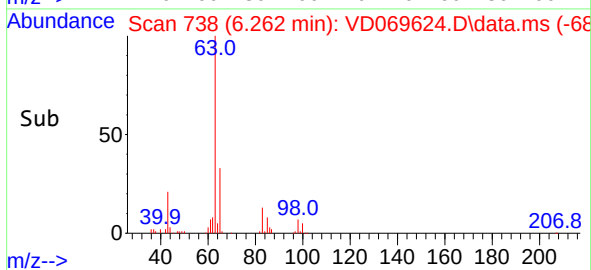
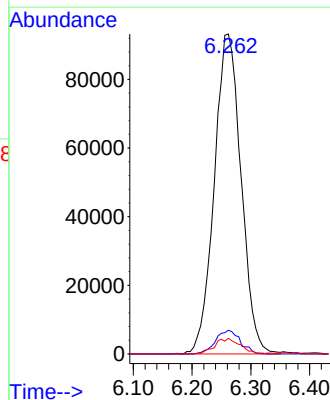
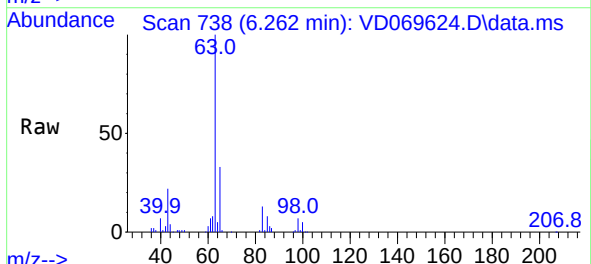
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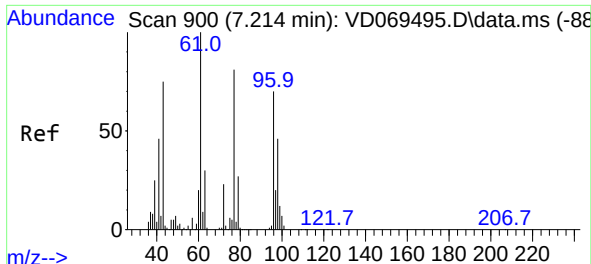
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#24
 1,1-Dichloroethane
 Concen: 22.220 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD069624.D
 Acq: 08 Jul 2021 12:48

Tgt Ion: 63 Resp: 295442
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 4.9 2.0 6.0





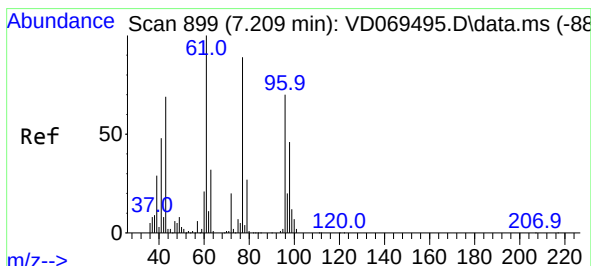
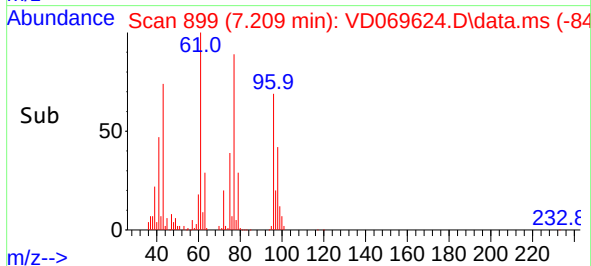
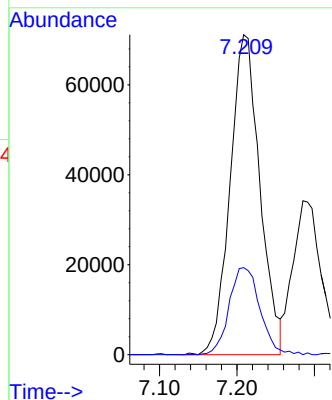
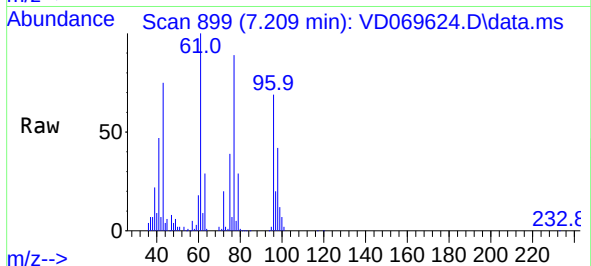
#25
2-Butanone
Concen: 118.632 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 43 Resp: 190321
Ion Ratio Lower Upper
43 100
72 27.2 24.3 36.5

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

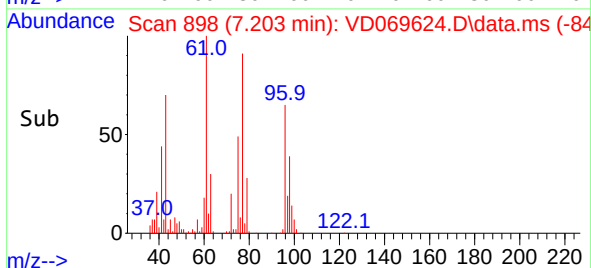
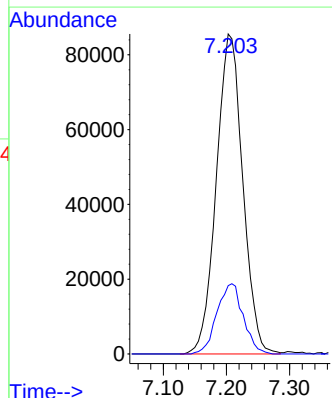
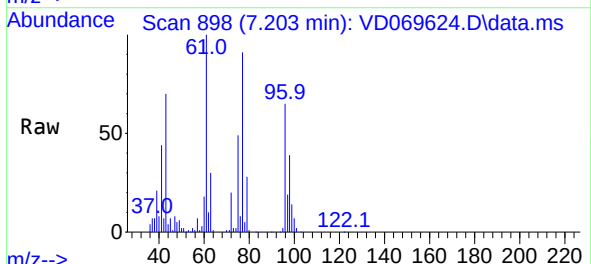
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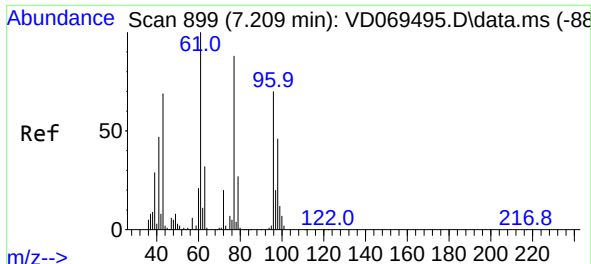
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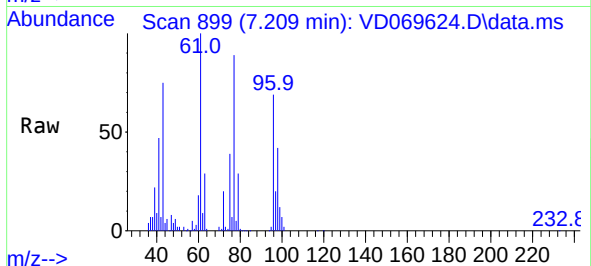
#26
2,2-Dichloropropane
Concen: 22.896 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 77 Resp: 248881
Ion Ratio Lower Upper
77 100
97 21.8 11.5 34.5

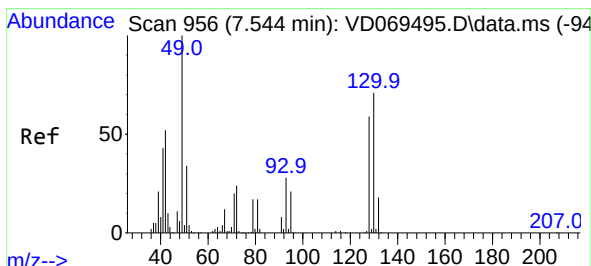
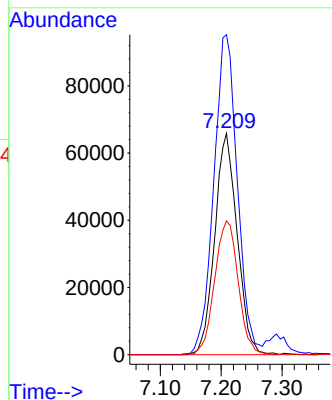
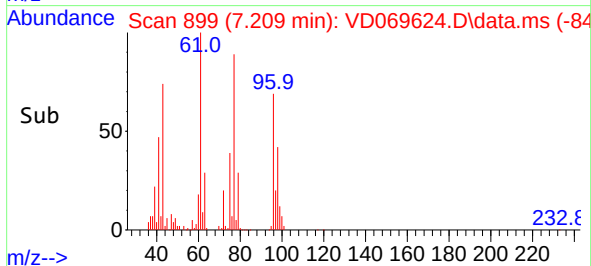




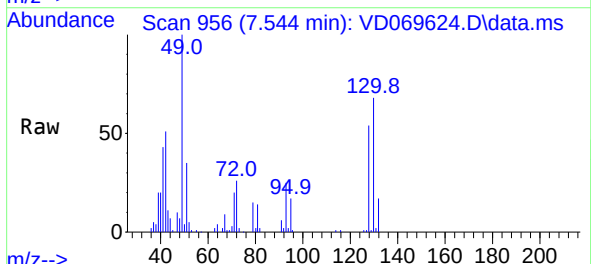
#27
cis-1,2-Dichloroethene
Concen: 21.659 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



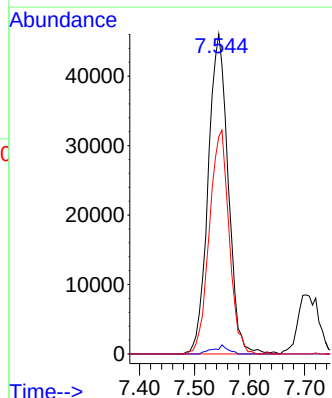
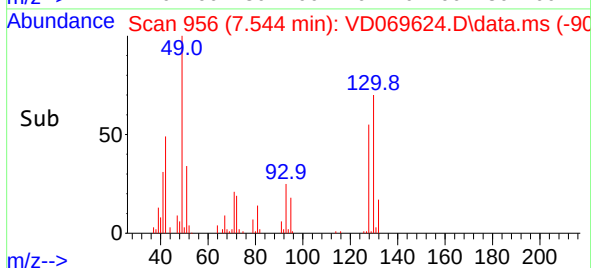
Tgt Ion: 96 Resp: 168725
Ion Ratio Lower Upper
96 100
61 151.9 0.0 290.8
98 63.4 0.0 131.8



#28
Bromochloromethane
Concen: 22.409 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



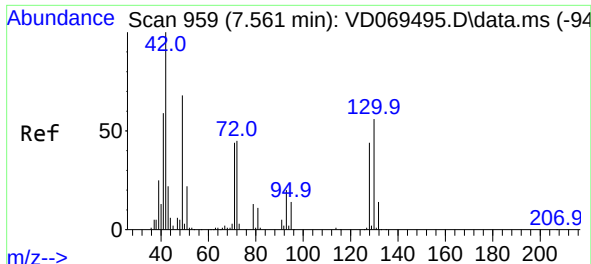
Tgt Ion: 49 Resp: 116702
Ion Ratio Lower Upper
49 100
129 2.0 0.0 2.8
130 68.8 60.6 90.8



Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

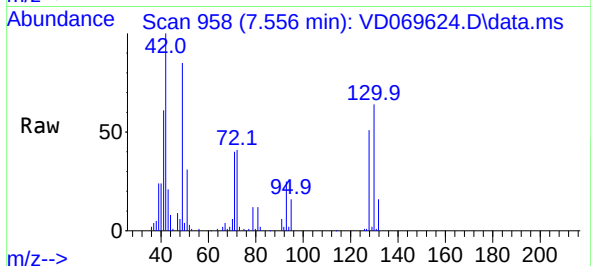
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#29
Tetrahydrofuran
Concen: 119.461 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

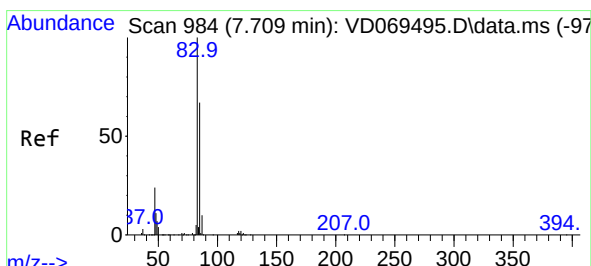
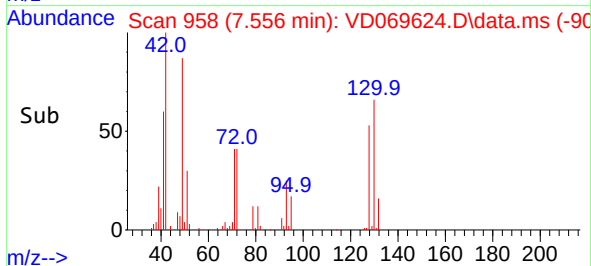
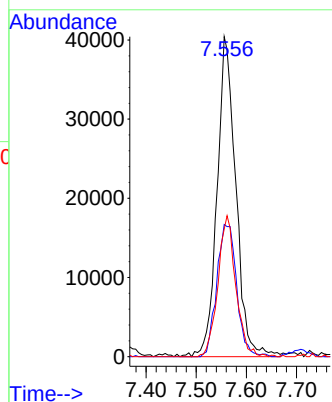
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01



Tgt Ion: 42 Resp: 105072
Ion Ratio Lower Upper
42 100
72 43.9 37.9 56.9
71 42.0 35.1 52.7

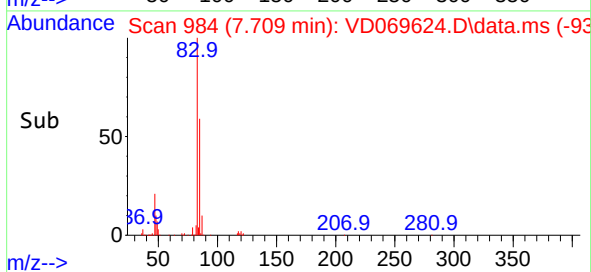
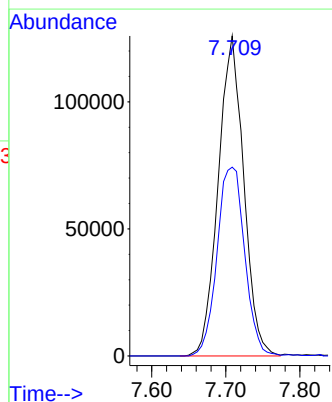
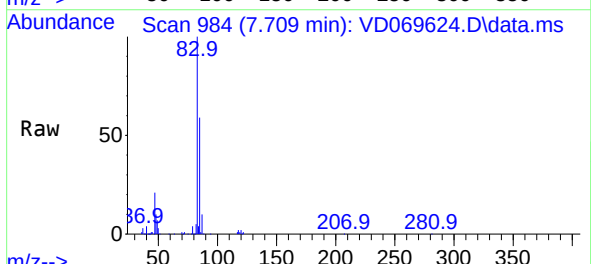
Manual Integrations
APPROVED

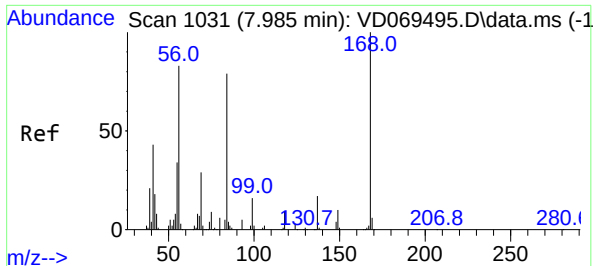
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7/9/2021 5:44:06 PM



#30
Chloroform
Concen: 21.427 ug/l
RT: 7.709 min Scan# 984
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

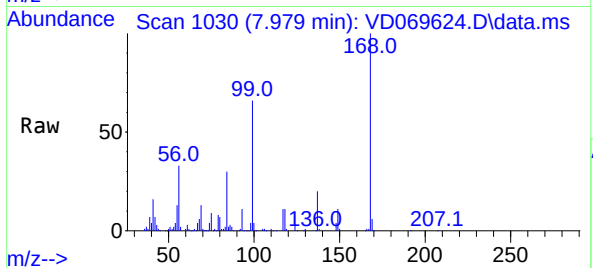
Tgt Ion: 83 Resp: 301166
Ion Ratio Lower Upper
83 100
85 59.0 53.9 80.9





#31
Cyclohexane
Concen: 21.188 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

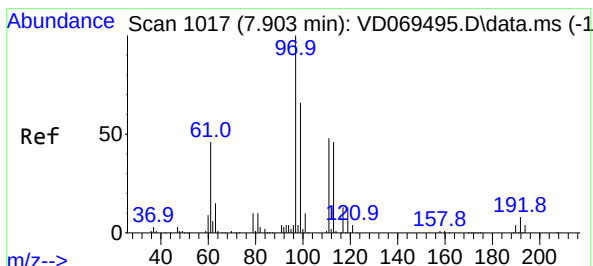
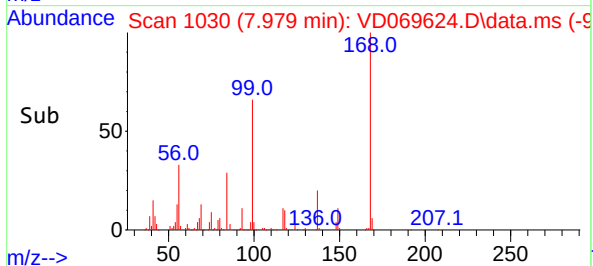
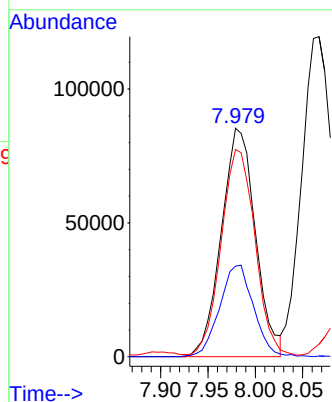
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01



Tgt Ion: 56 Resp: 213988
Ion Ratio Lower Upper
56 100
69 39.6 28.0 42.0
84 89.7 75.7 113.5

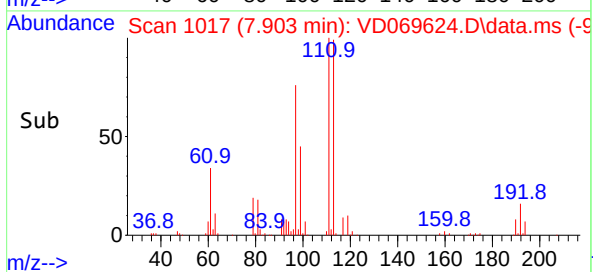
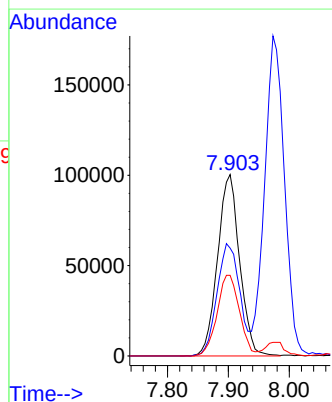
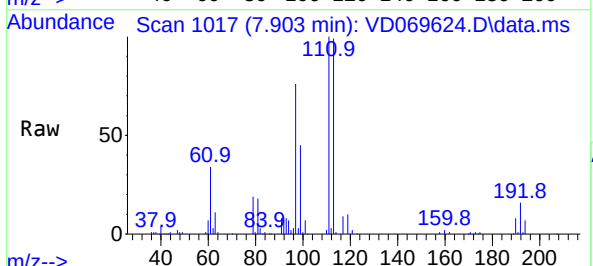
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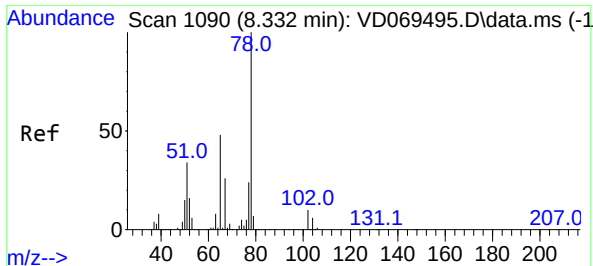
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#32
1,1,1-Trichloroethane
Concen: 21.812 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

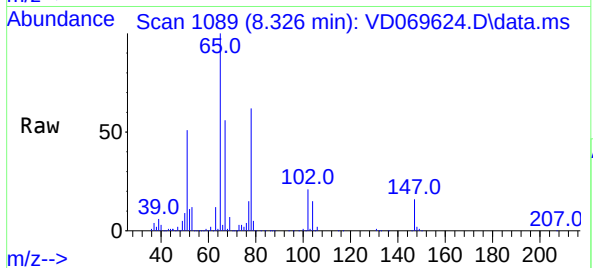
Tgt Ion: 97 Resp: 252641
Ion Ratio Lower Upper
97 100
99 62.9 52.6 78.8
61 45.1 37.0 55.4





#33
1,2-Dichloroethane-d4
Concen: 51.048 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

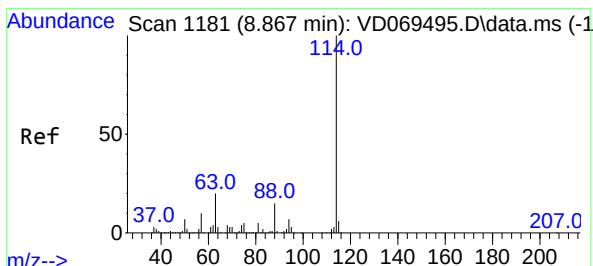
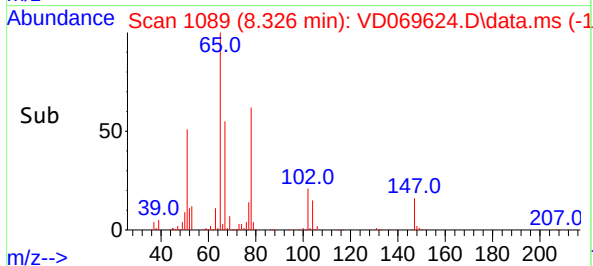
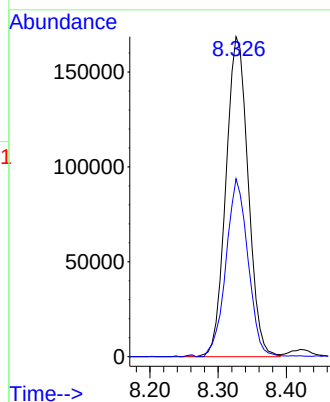
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01



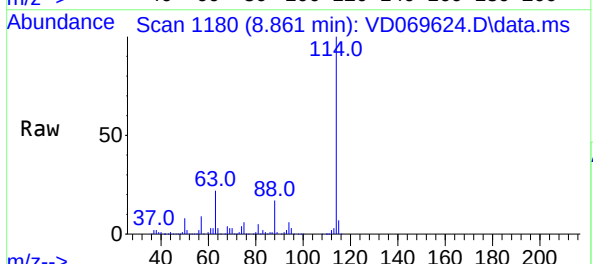
Tgt Ion: 65 Resp: 382899
Ion Ratio Lower Upper
65 100
67 55.1 0.0 105.6

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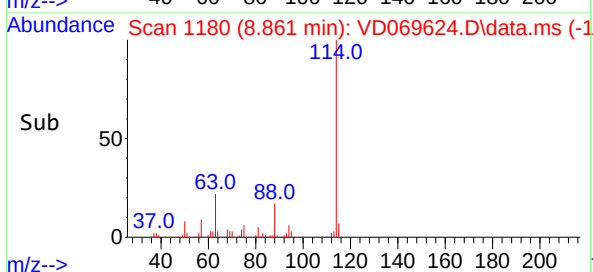
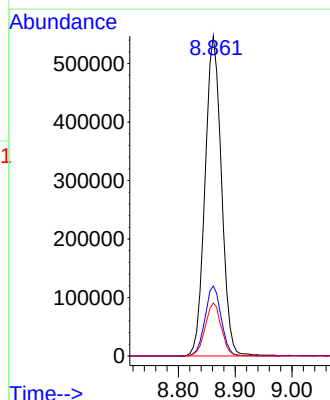
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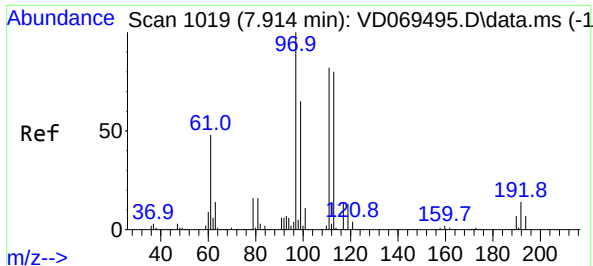


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

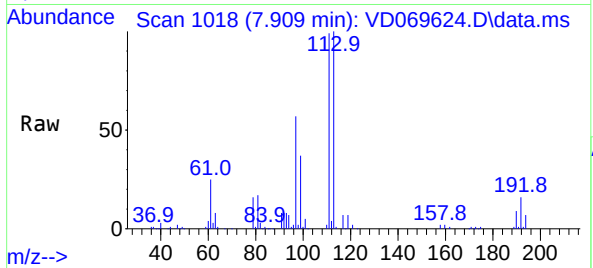


Tgt Ion: 114 Resp: 1094086
Ion Ratio Lower Upper
114 100
63 21.9 0.0 39.6
88 16.5 0.0 29.8

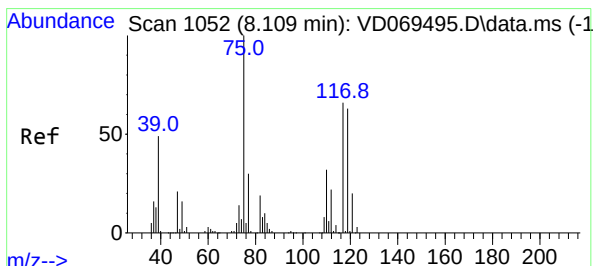
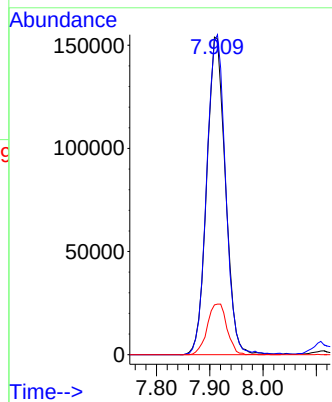
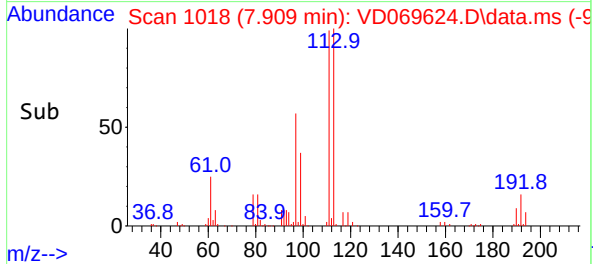




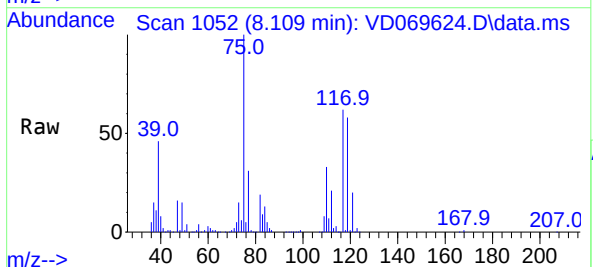
#35
Dibromofluoromethane
Concen: 50.636 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



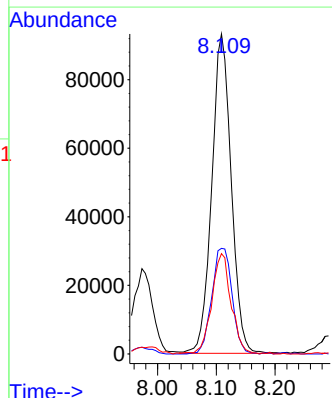
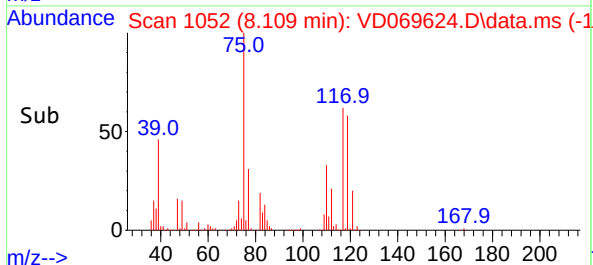
Tgt Ion:113 Resp: 374492
Ion Ratio Lower Upper
113 100
111 101.4 81.8 122.8
192 16.8 13.8 20.6



#36
1,1-Dichloropropene
Concen: 19.949 ug/l
RT: 8.109 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



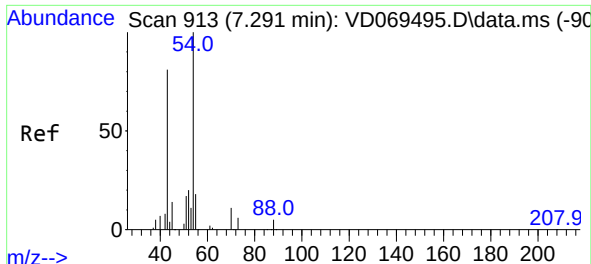
Tgt Ion: 75 Resp: 214208
Ion Ratio Lower Upper
75 100
110 34.5 16.8 50.4
77 31.4 24.3 36.5



Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

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#37

Ethyl Acetate

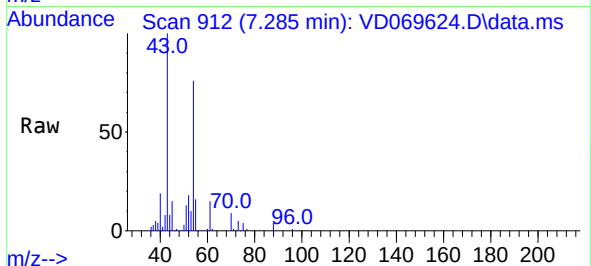
Concen: 22.360 ug/l

RT: 7.285 min Scan# 912

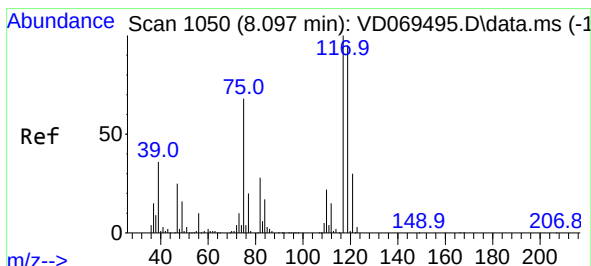
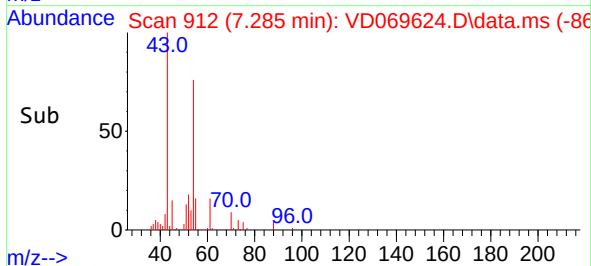
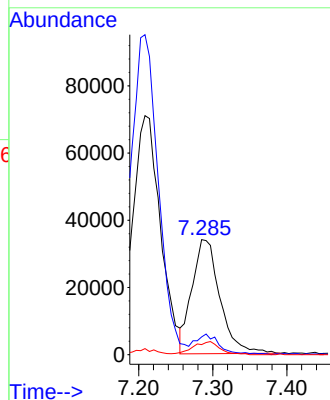
Delta R.T. -0.006 min

Lab File: VD069624.D

Acq: 08 Jul 2021 12:48



Tgt Ion:	43	Resp:	89096
Ion	Ratio	Lower	Upper
43	100		
61	15.8	11.4	17.0
70	11.1	9.5	14.3



#38

Carbon Tetrachloride

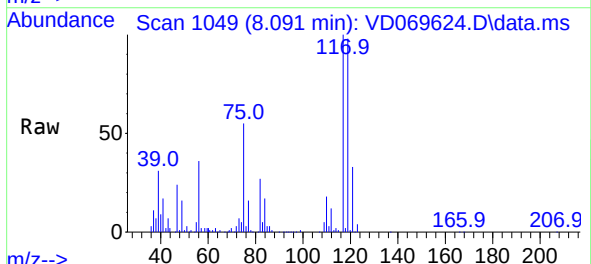
Concen: 19.765 ug/l

RT: 8.091 min Scan# 1049

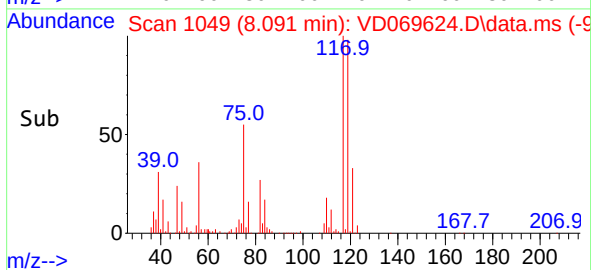
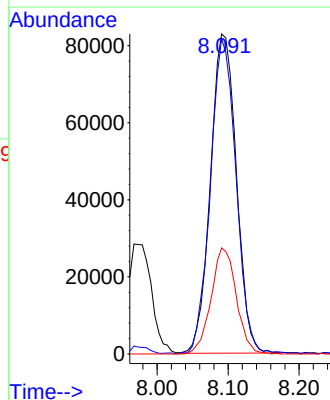
Delta R.T. -0.006 min

Lab File: VD069624.D

Acq: 08 Jul 2021 12:48



Tgt Ion:	117	Resp:	210047
Ion	Ratio	Lower	Upper
117	100		
119	98.5	75.6	113.4
121	33.3	23.8	35.8



Instrument :

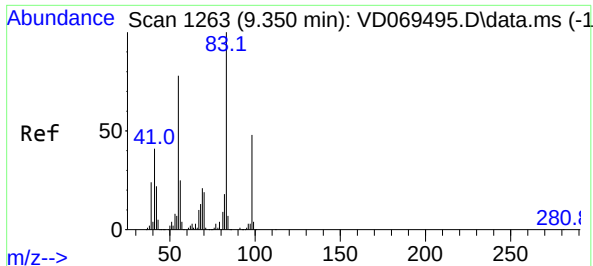
MSVOA_D

ClientSampleId :

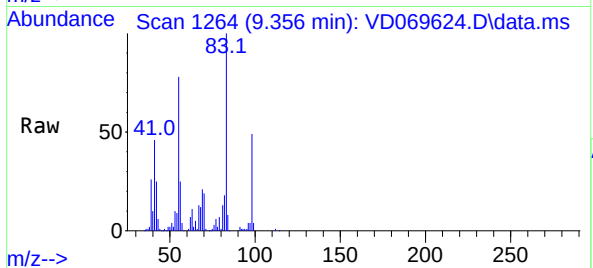
VD0708SBS01

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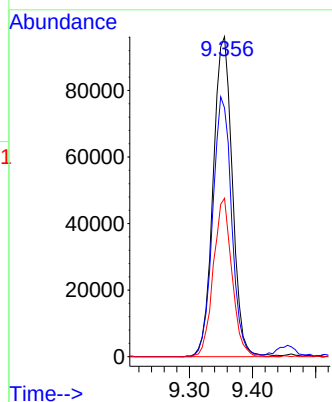
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#39
Methylcyclohexane
Concen: 19.156 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



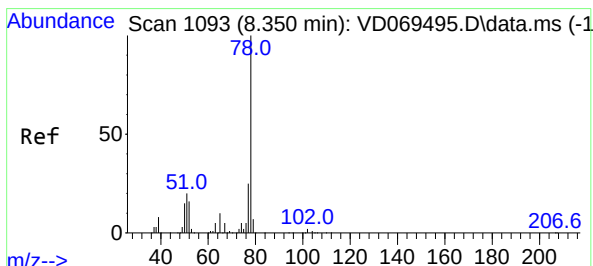
Tgt Ion: 83 Resp: 202908
Ion Ratio Lower Upper
83 100
55 77.7 62.6 93.8
98 49.5 38.7 58.1



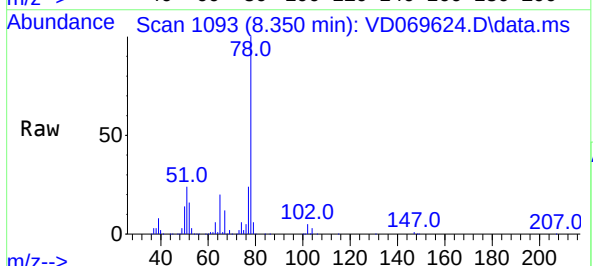
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

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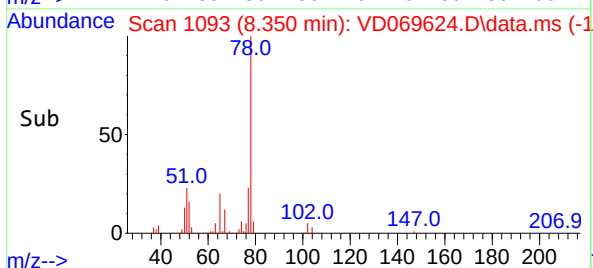
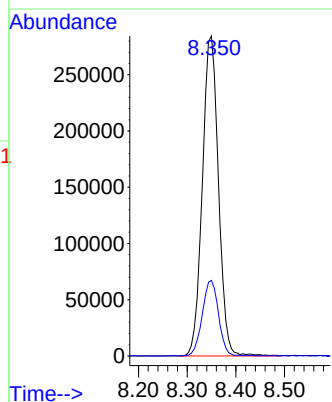
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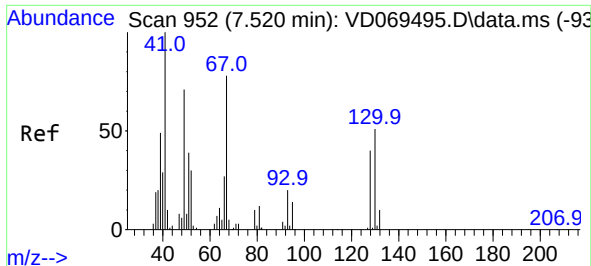


#40
Benzene
Concen: 21.095 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



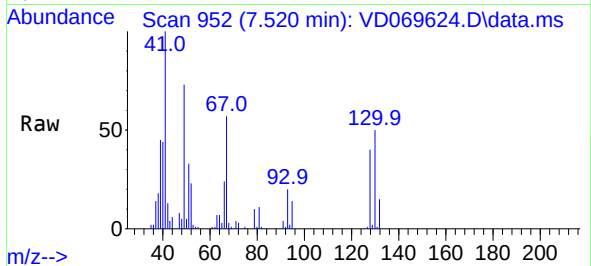
Tgt Ion: 78 Resp: 653019
Ion Ratio Lower Upper
78 100
77 23.6 19.7 29.5





#41
Methacrylonitrile
Concen: 20.751 ug/l
RT: 7.520 min Scan# 952
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

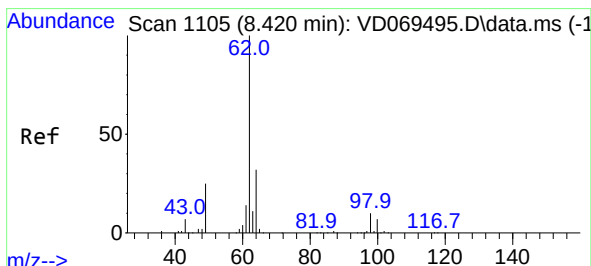
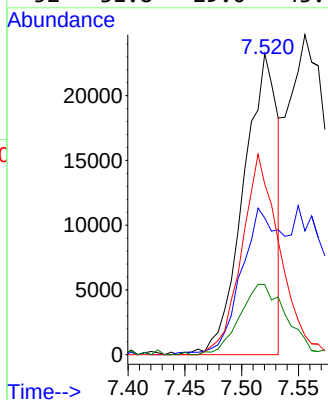
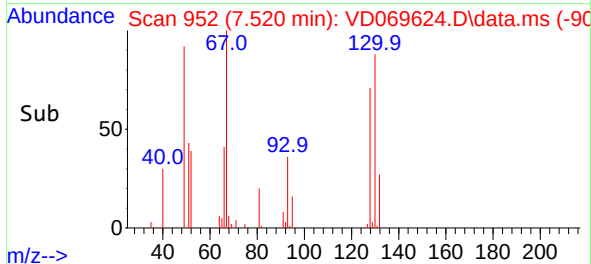
Instrument :
MSVOA_D
ClientSampled :
VD0708SBS01



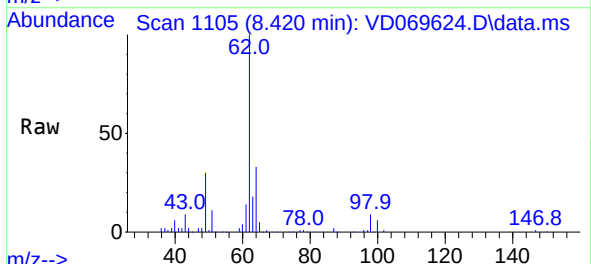
Tgt Ion: 41 Resp: 48118
Ion Ratio Lower Upper
41 100
39 58.0 41.7 62.5
67 75.2 71.8 107.6
52 31.8 29.0 43.6

Manual Integrations
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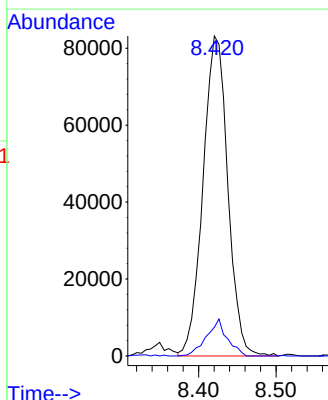
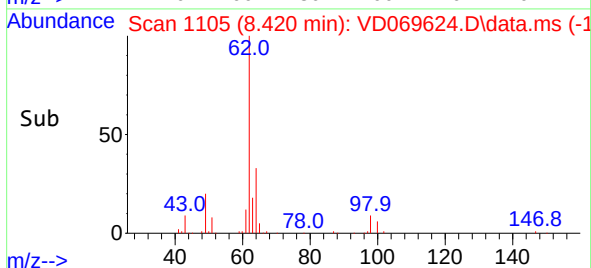
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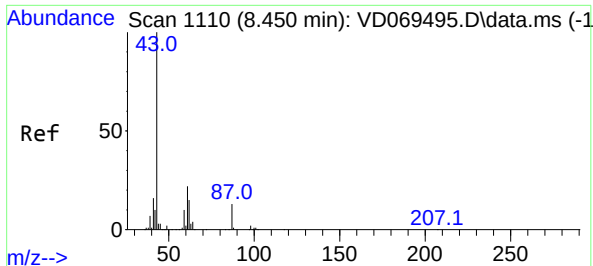


#42
1,2-Dichloroethane
Concen: 20.586 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



Tgt Ion: 62 Resp: 185142
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.6





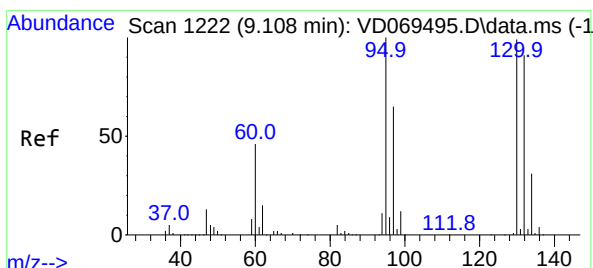
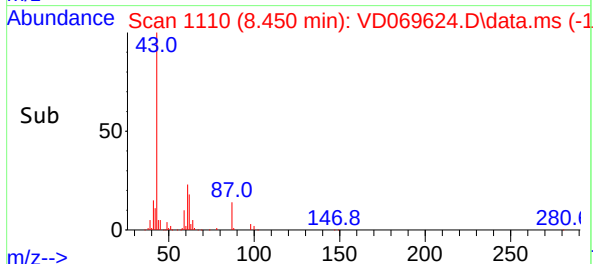
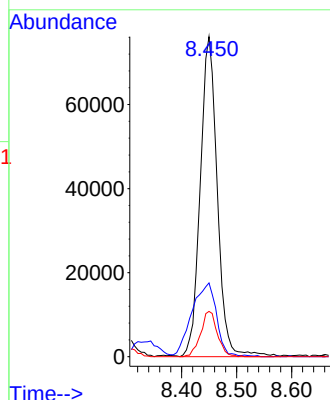
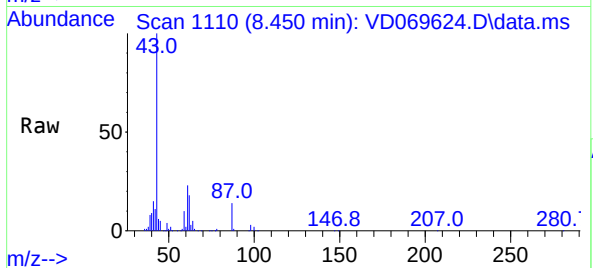
#43
Isopropyl Acetate
Concen: 22.693 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 43 Resp: 164270
Ion Ratio Lower Upper
43 100
61 32.2 28.2 42.2
87 13.9 11.4 17.0

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

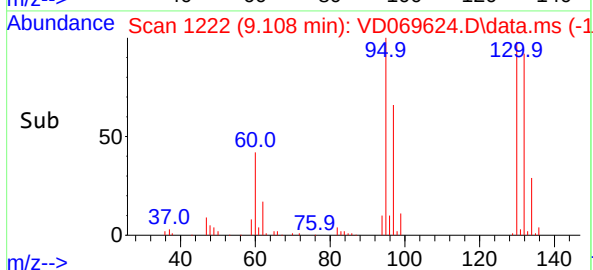
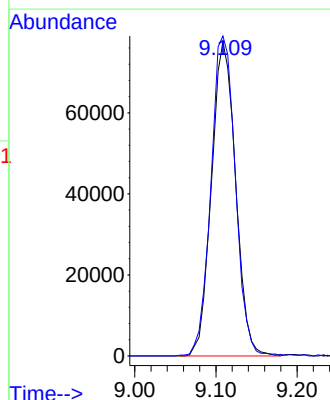
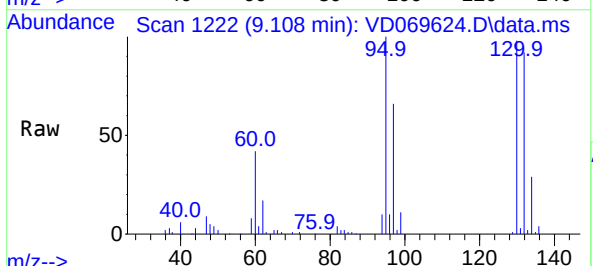
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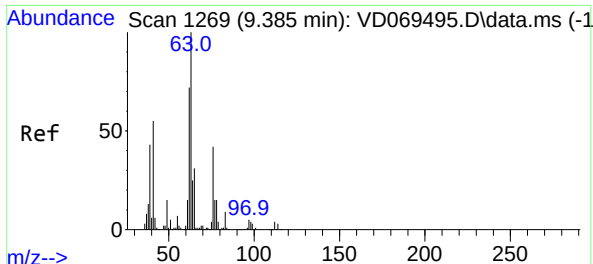
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#44
Trichloroethene
Concen: 20.456 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion:130 Resp: 159789
Ion Ratio Lower Upper
130 100
95 101.7 0.0 202.2





#45

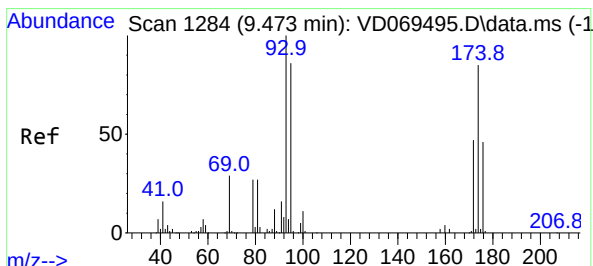
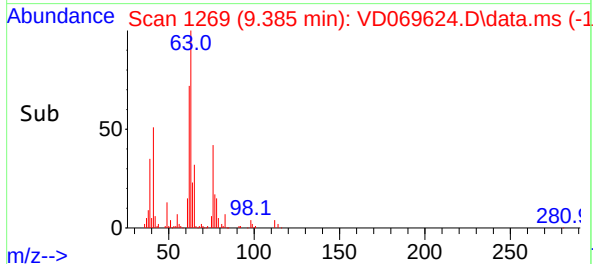
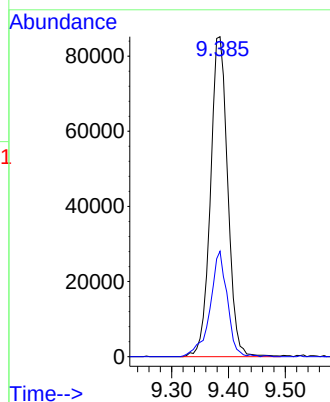
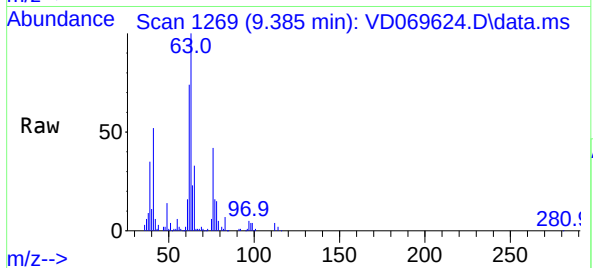
1,2-Dichloropropane
Concen: 22.549 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 63 Resp: 179184
Ion Ratio Lower Upper
63 100
65 32.9 24.7 37.1

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Manual Integrations
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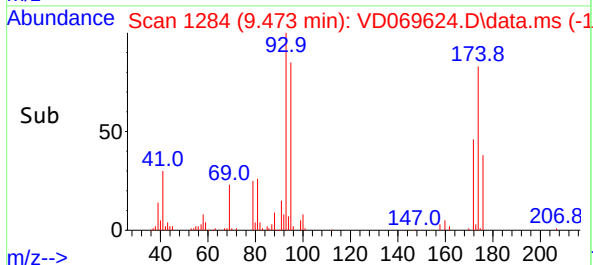
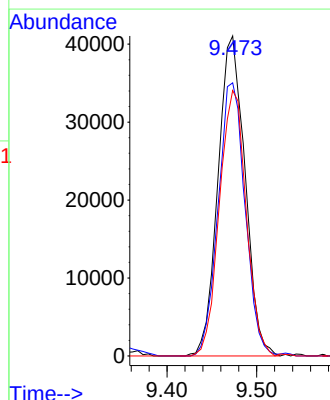
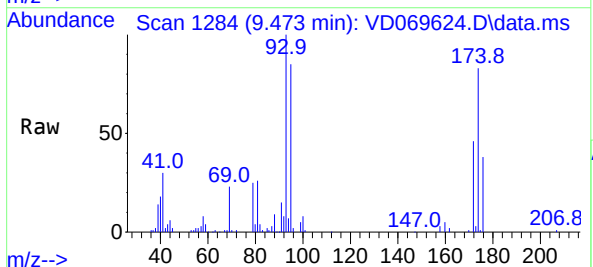
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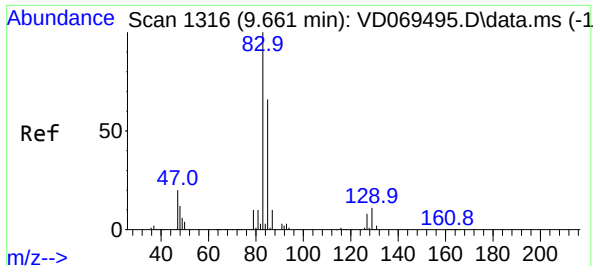


#46

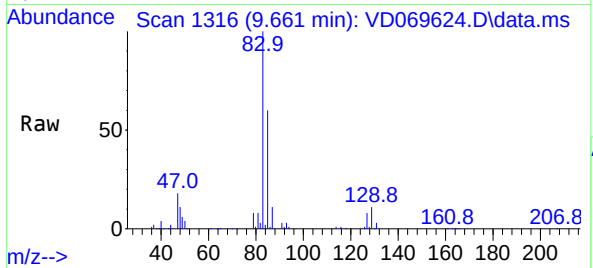
Dibromomethane
Concen: 20.591 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 93 Resp: 85694
Ion Ratio Lower Upper
93 100
95 85.4 68.3 102.5
174 82.5 69.7 104.5

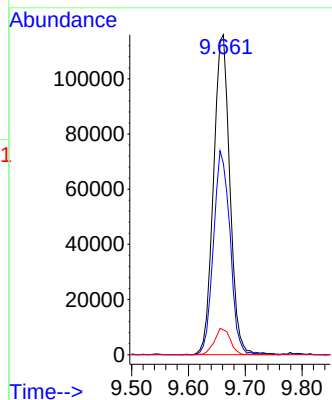




#47
Bromodichloromethane
Concen: 20.733 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



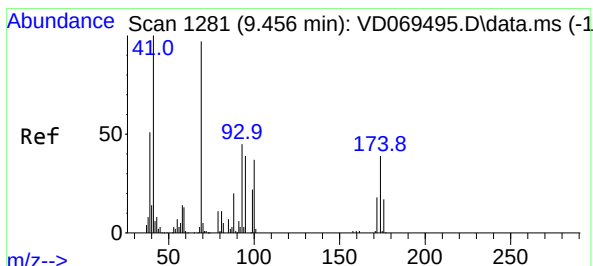
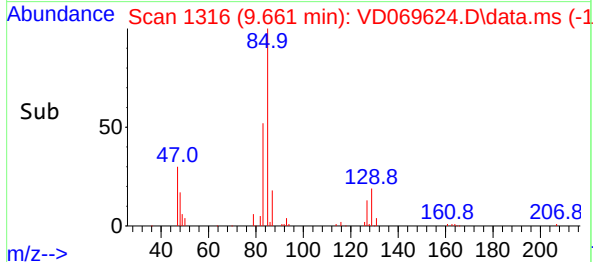
Tgt Ion: 83 Resp: 231700
Ion Ratio Lower Upper
83 100
85 59.7 52.4 78.6
127 7.8 6.6 10.0



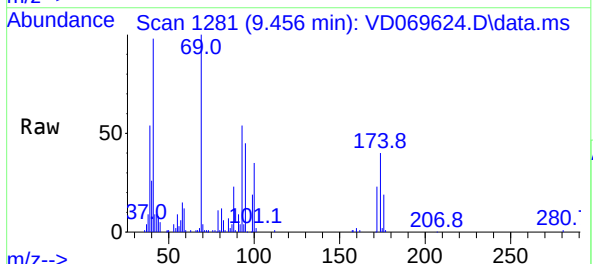
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

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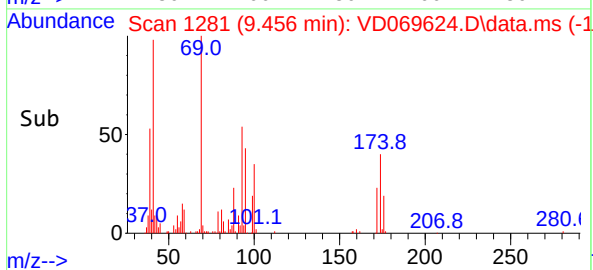
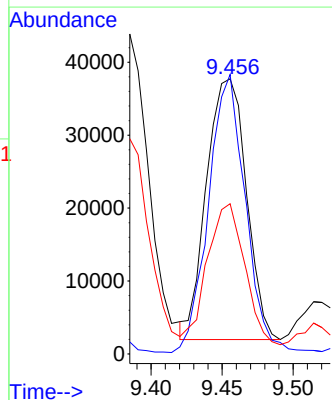
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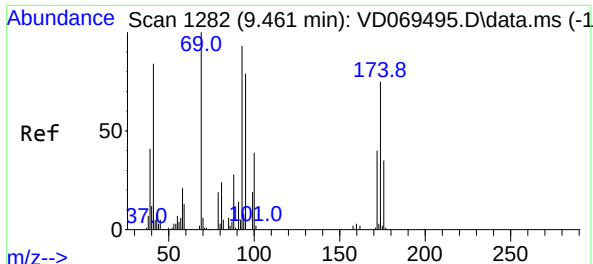


#48
Methyl methacrylate
Concen: 20.242 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



Tgt Ion: 41 Resp: 69610
Ion Ratio Lower Upper
41 100
69 98.7 80.9 121.3
39 57.9 45.8 68.6





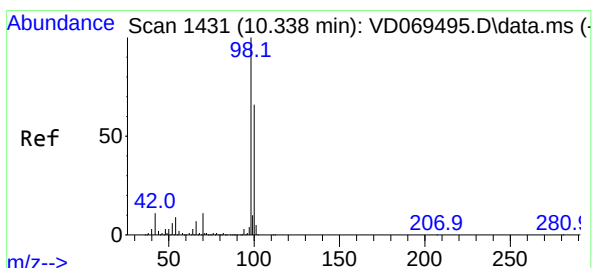
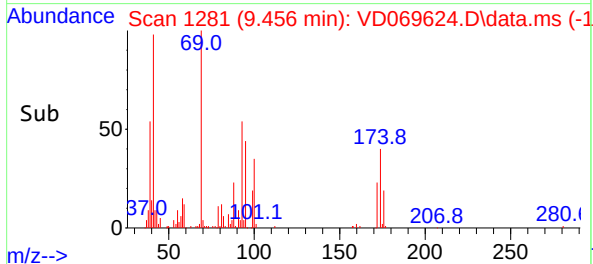
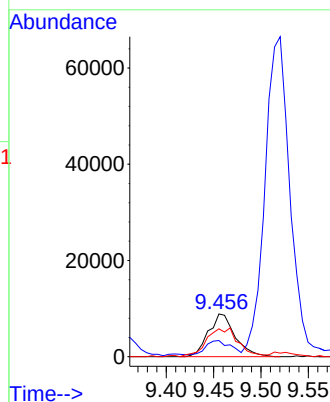
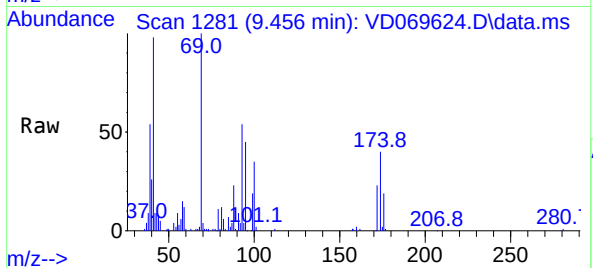
#49
1,4-Dioxane
Concen: 423.546 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 88 Resp: 17364
Ion Ratio Lower Upper
88 100
43 33.8 26.5 39.7
58 79.5 56.0 84.0

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

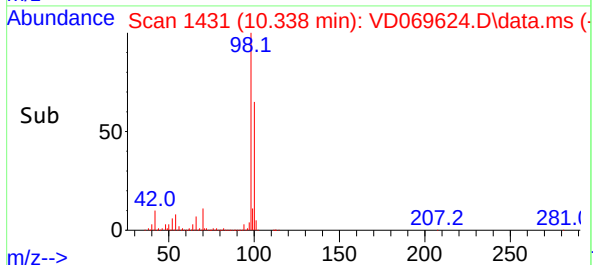
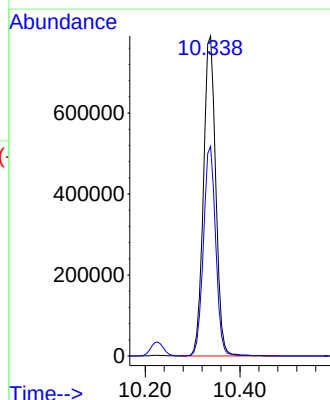
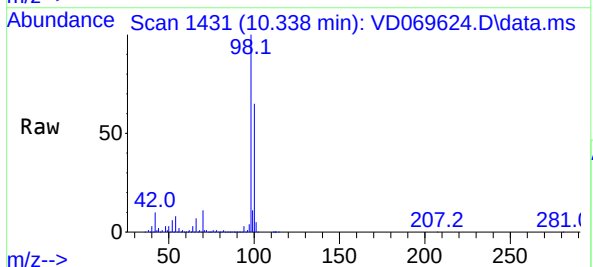
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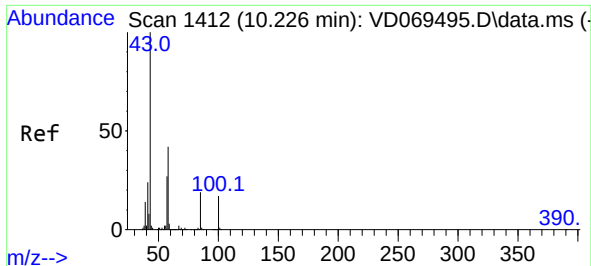
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#50
Toluene-d8
Concen: 51.208 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 98 Resp: 1420561
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5





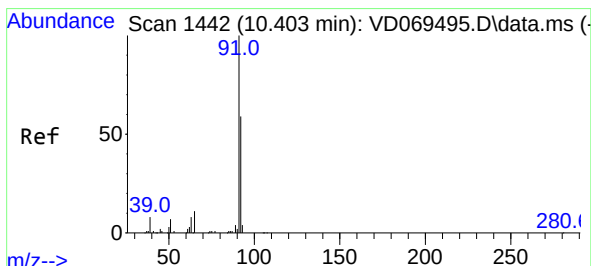
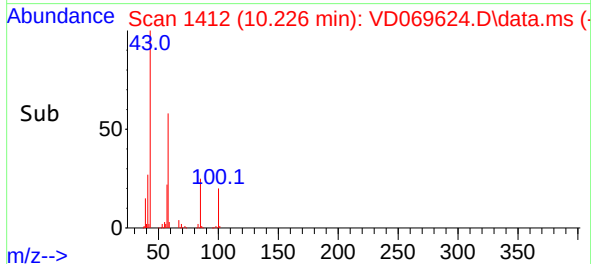
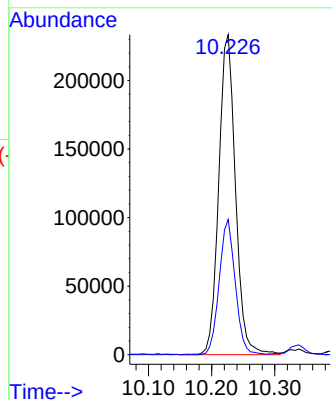
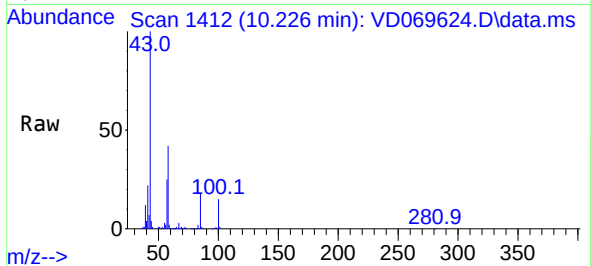
#51
4-Methyl-2-Pentanone
Concen: 112.722 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 43 Resp: 429101
Ion Ratio Lower Upper
43 100
58 40.4 33.6 50.4

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

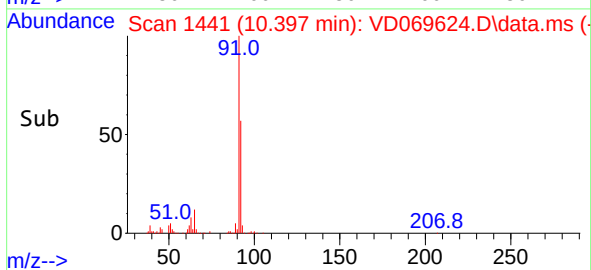
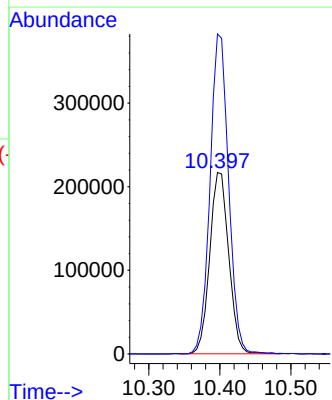
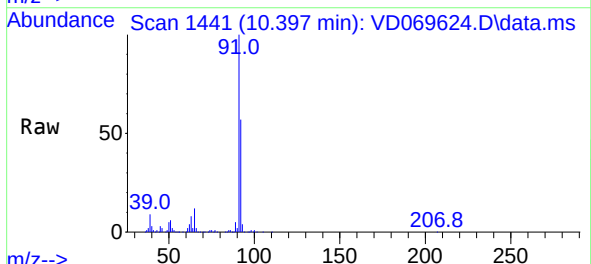
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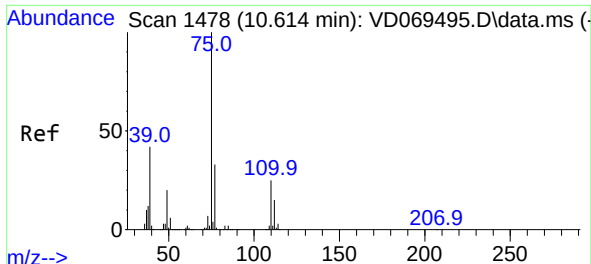
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#52
Toluene
Concen: 21.075 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 92 Resp: 402569
Ion Ratio Lower Upper
92 100
91 172.8 138.9 208.3





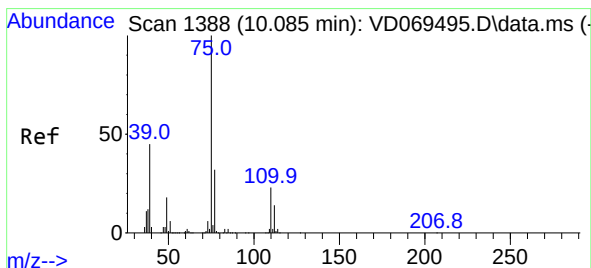
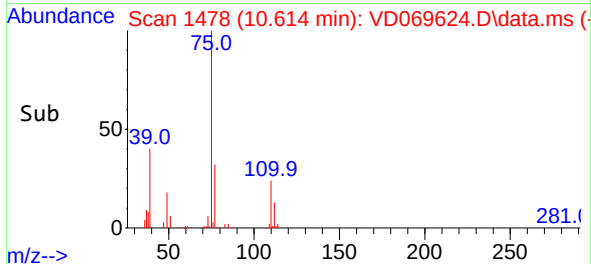
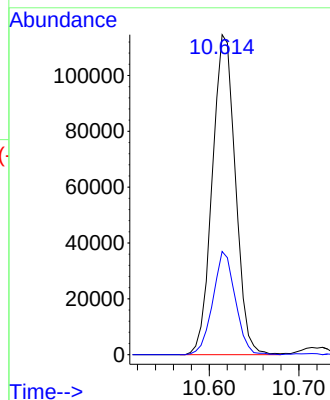
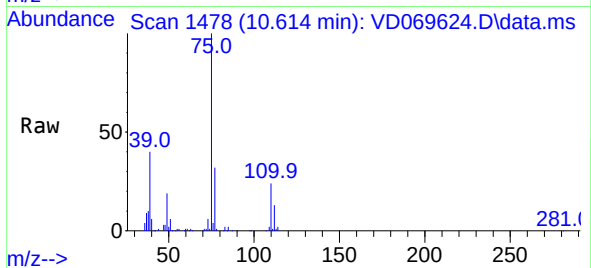
#53
t-1,3-Dichloropropene
Concen: 21.223 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 75 Resp: 205064
Ion Ratio Lower Upper
75 100
77 32.2 26.6 39.8

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

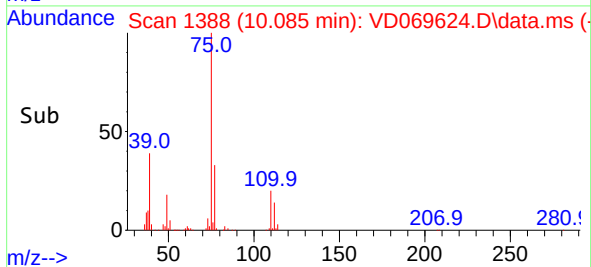
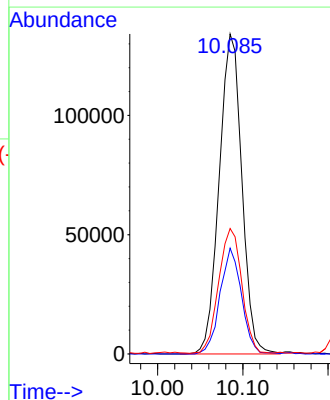
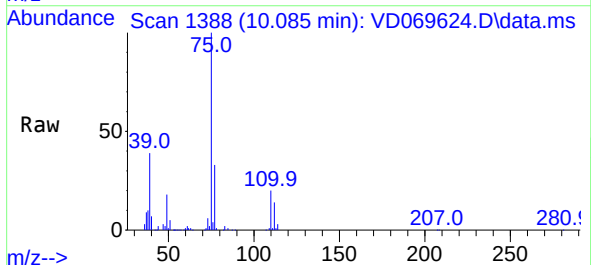
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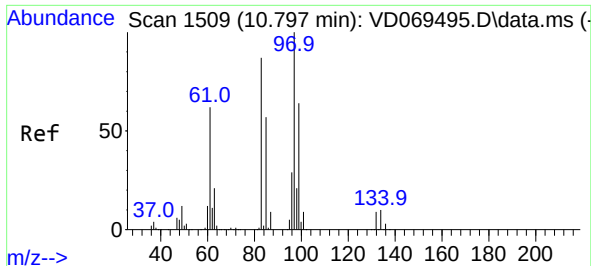
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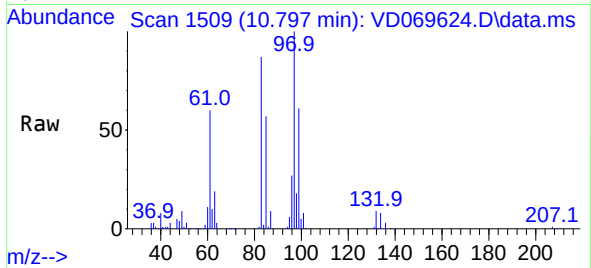
#54
cis-1,3-Dichloropropene
Concen: 21.316 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 75 Resp: 247676
Ion Ratio Lower Upper
75 100
77 33.0 25.7 38.5
39 38.8 35.8 53.8



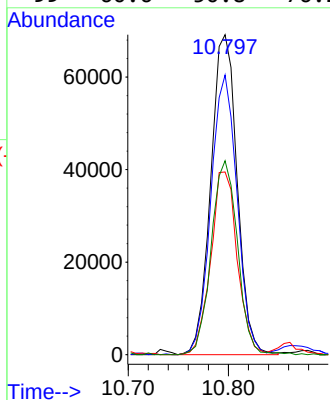


#55
1,1,2-Trichloroethane
Concen: 21.458 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



Tgt Ion: 97 Resp: 126110

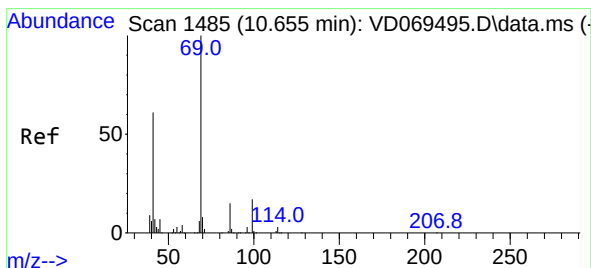
Ion	Ratio	Lower	Upper
97	100		
83	87.4	69.6	104.4
85	57.1	45.8	68.8
99	60.6	50.8	76.2



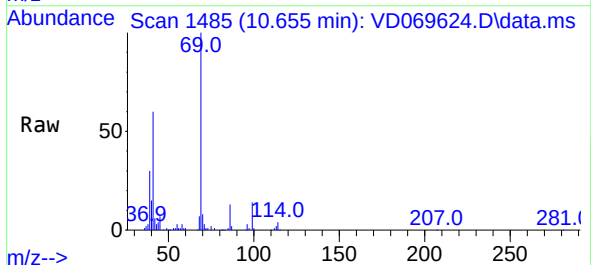
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

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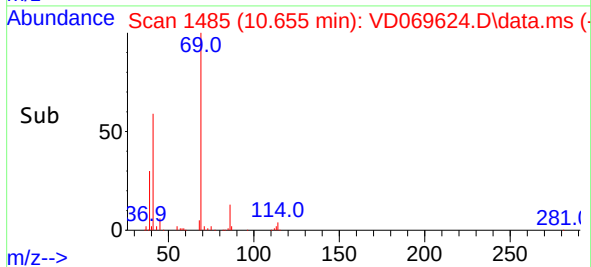
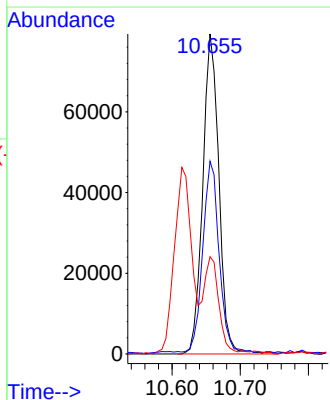


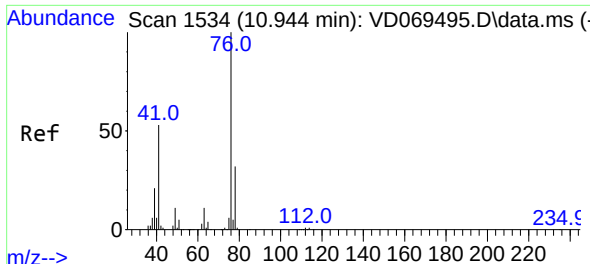
#56
Ethyl methacrylate
Concen: 20.516 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



Tgt Ion: 69 Resp: 130658

Ion	Ratio	Lower	Upper
69	100		
41	61.4	49.4	74.0
39	27.8	26.9	40.3





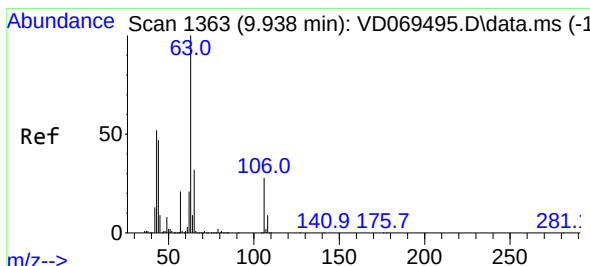
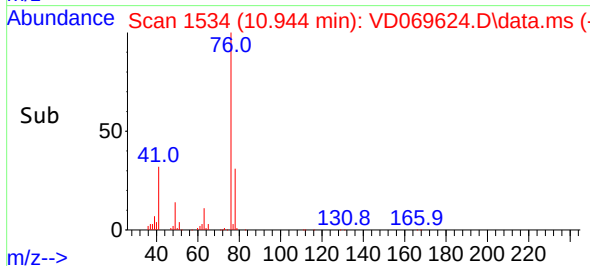
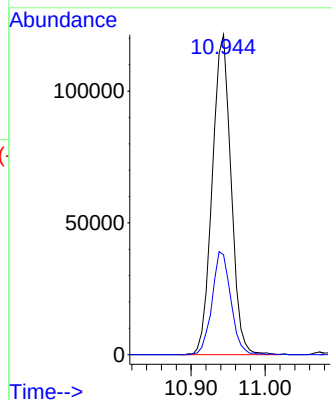
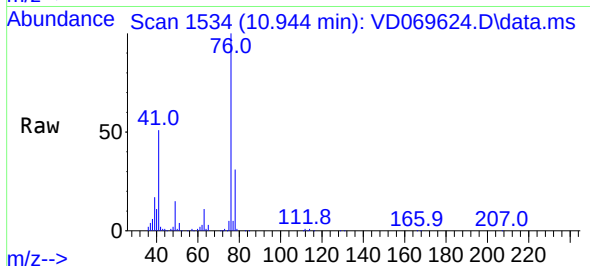
#57
1,3-Dichloropropane
Concen: 21.514 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 76 Resp: 213626
Ion Ratio Lower Upper
76 100
78 32.2 26.3 39.5

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

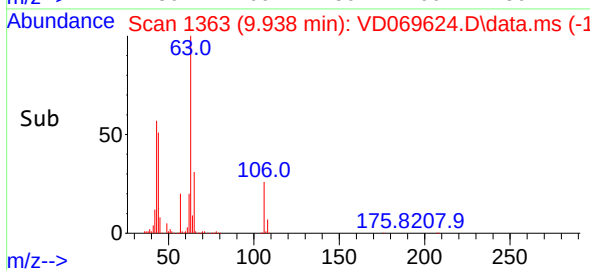
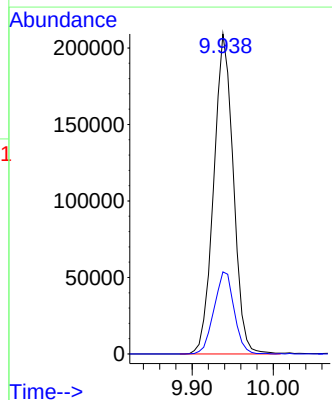
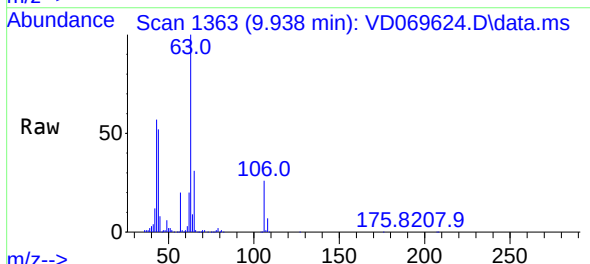
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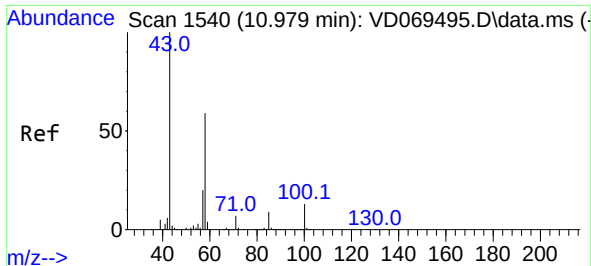
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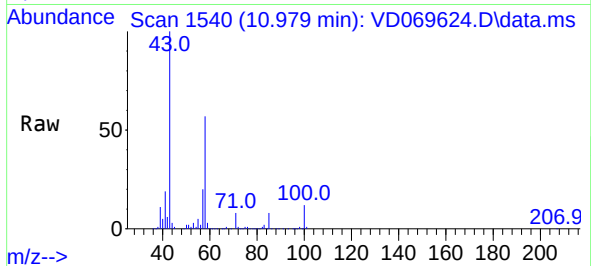
#58
2-Chloroethyl Vinyl ether
Concen: 103.684 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 63 Resp: 351424
Ion Ratio Lower Upper
63 100
106 26.3 22.2 33.2

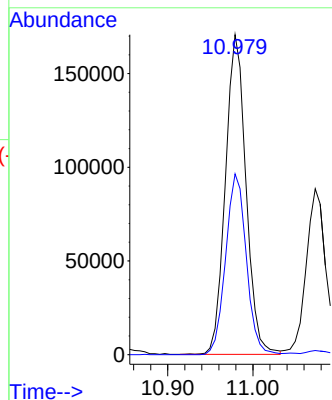
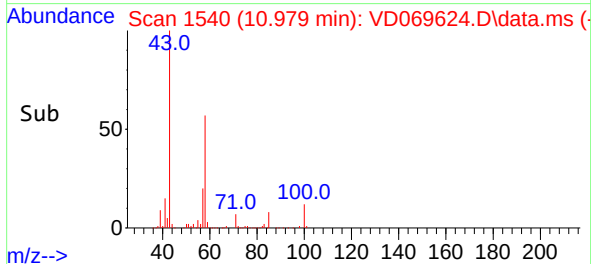




#59
2-Hexanone
Concen: 111.276 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



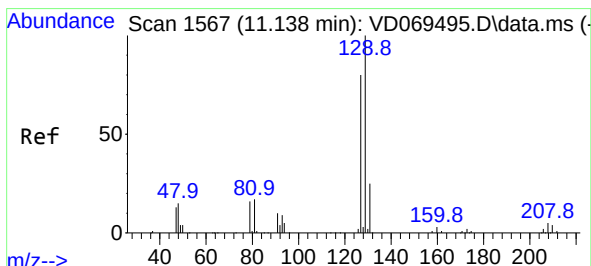
Tgt Ion: 43 Resp: 285848
Ion Ratio Lower Upper
43 100
58 56.9 28.7 86.3



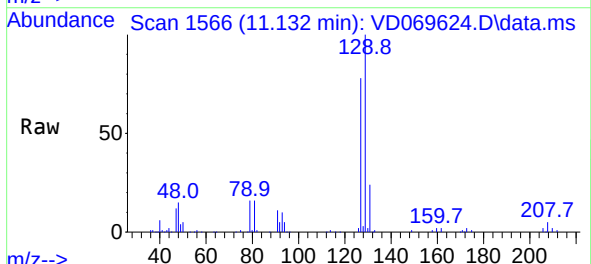
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

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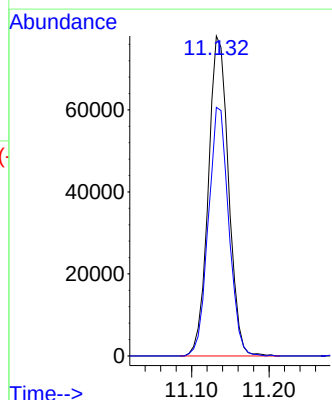
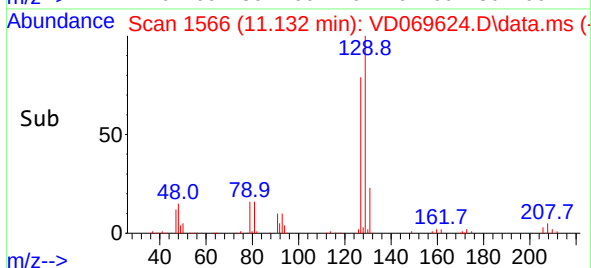
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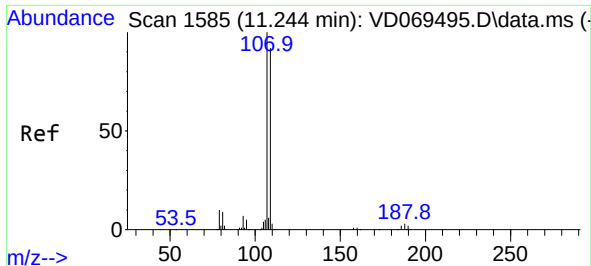


#60
Dibromochloromethane
Concen: 20.429 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



Tgt Ion: 129 Resp: 141506
Ion Ratio Lower Upper
129 100
127 78.3 39.0 116.9





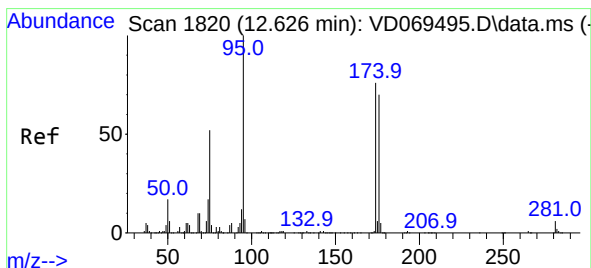
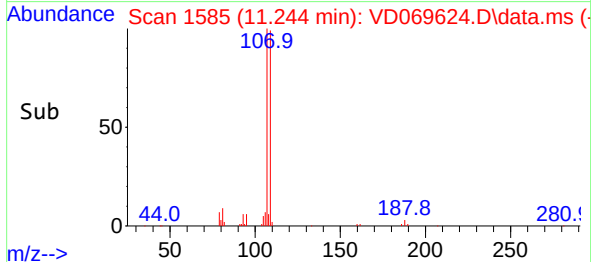
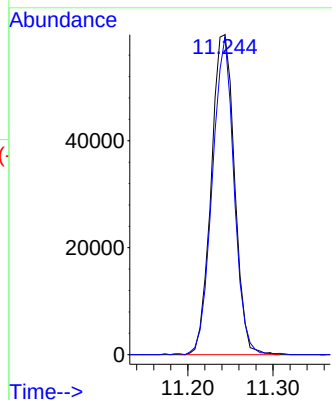
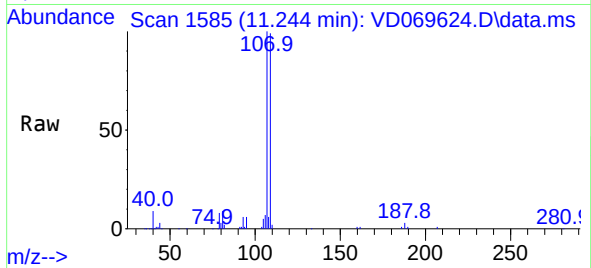
#61
1,2-Dibromoethane
Concen: 20.925 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 107 Resp: 113388
Ion Ratio Lower Upper
107 100
109 92.9 73.8 110.6

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

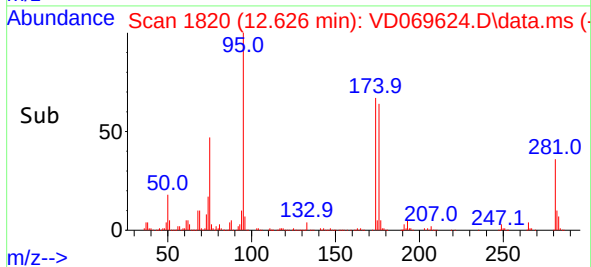
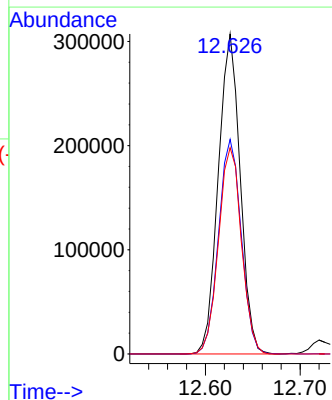
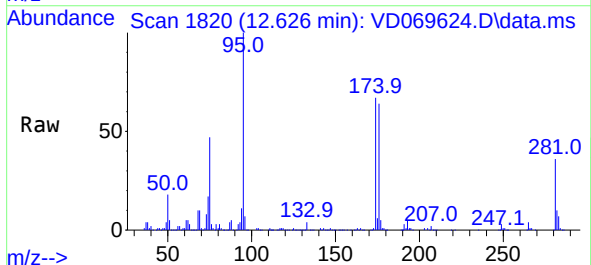
Manual Integrations
APPROVED

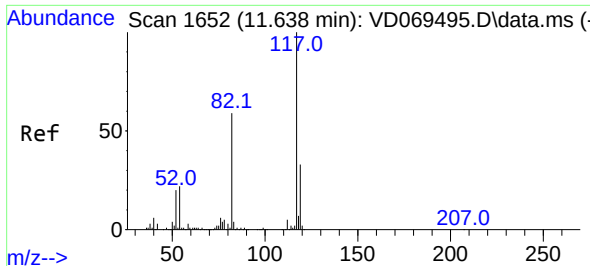
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#62
4-Bromofluorobenzene
Concen: 54.083 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

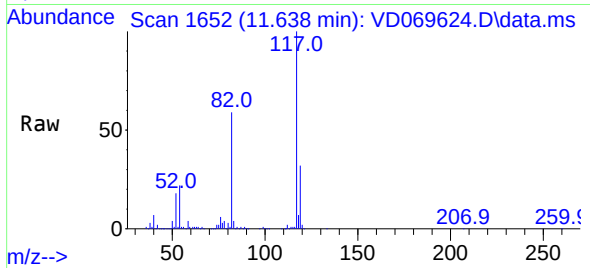
Tgt Ion: 95 Resp: 493236
Ion Ratio Lower Upper
95 100
174 69.7 0.0 148.0
176 67.5 0.0 139.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

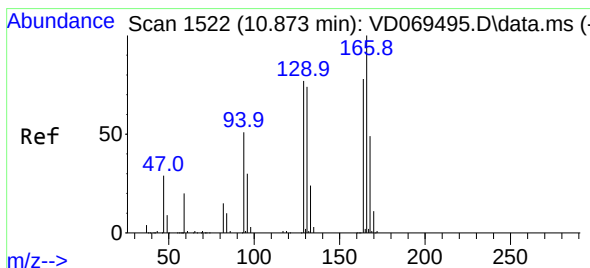
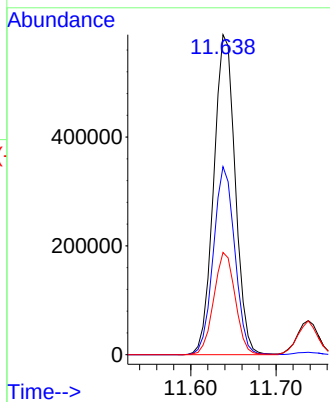
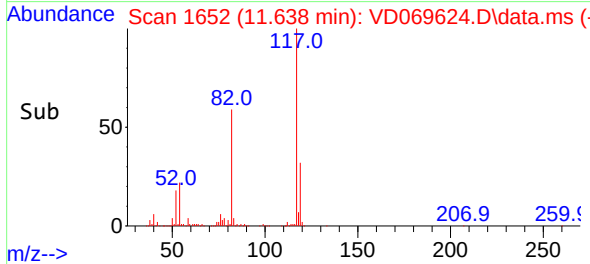
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01



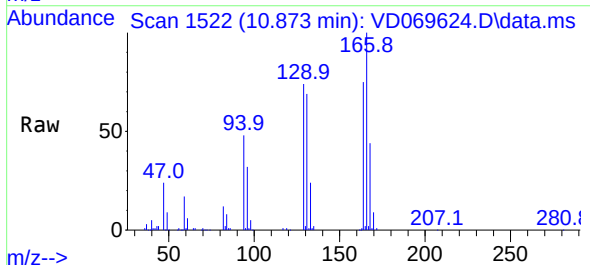
Tgt Ion:117 Resp: 1030085
Ion Ratio Lower Upper
117 100
82 58.7 46.8 70.2
119 31.9 26.2 39.2

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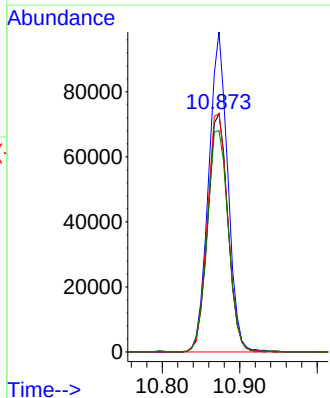
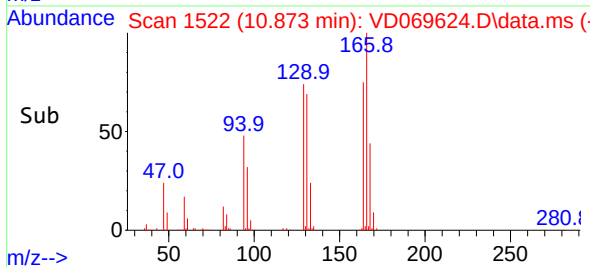
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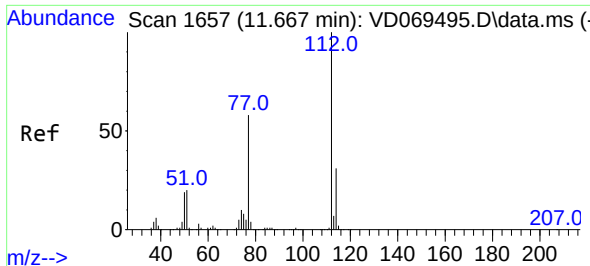


#64
Tetrachloroethene
Concen: 20.468 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



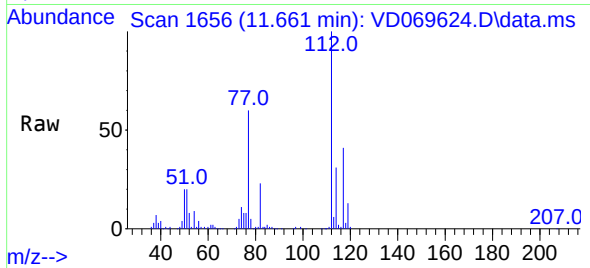
Tgt Ion:164 Resp: 132404
Ion Ratio Lower Upper
164 100
166 134.2 102.6 153.8
129 99.9 79.1 118.7
131 92.8 76.4 114.6





#65
Chlorobenzene
Concen: 20.536 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

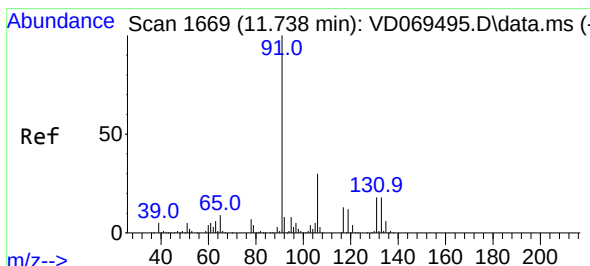
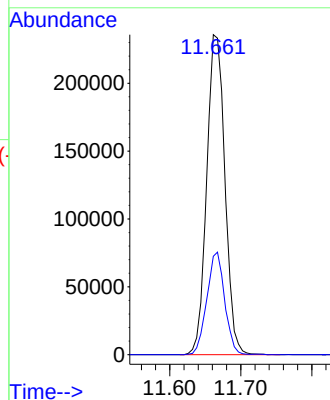
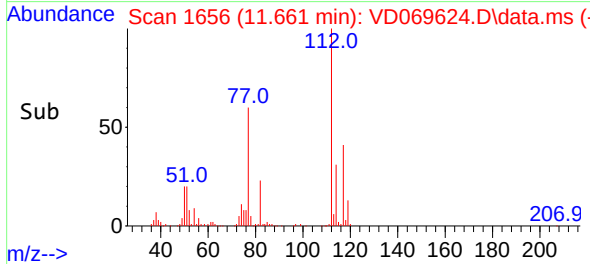
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01



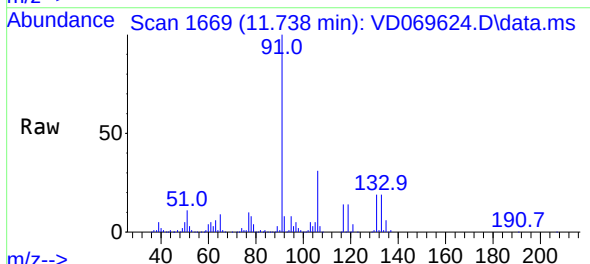
Tgt Ion:112 Resp: 420742
Ion Ratio Lower Upper
112 100
114 30.7 24.6 37.0

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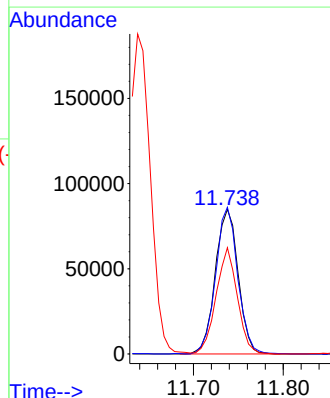
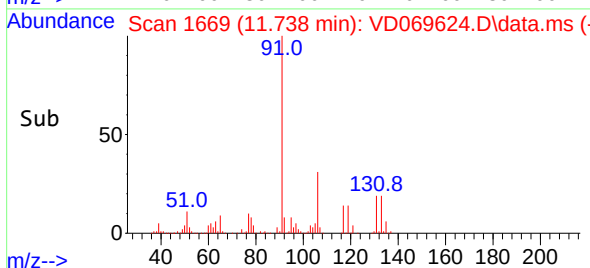
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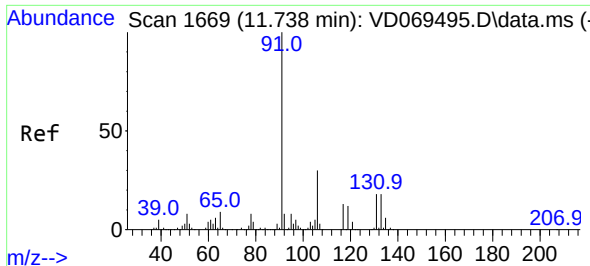


#66
1,1,1,2-Tetrachloroethane
Concen: 20.126 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



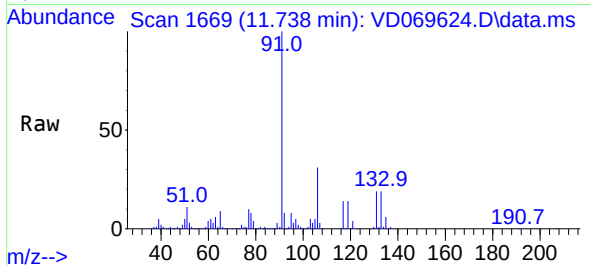
Tgt Ion:131 Resp: 149908
Ion Ratio Lower Upper
131 100
133 98.8 47.8 143.3
119 68.4 33.4 100.2



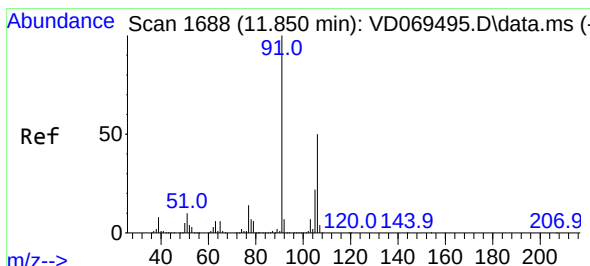
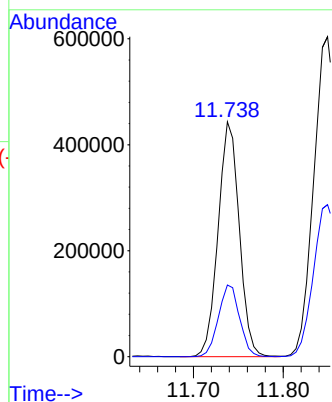
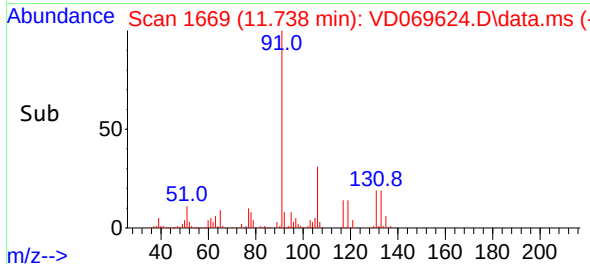


#67
Ethyl Benzene
Concen: 20.288 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

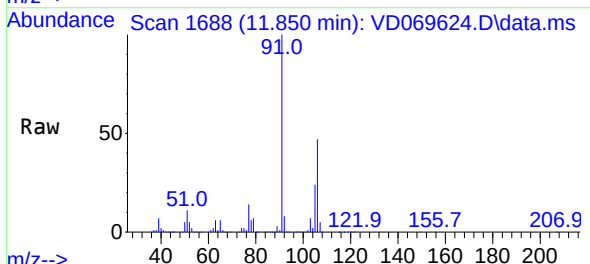
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01



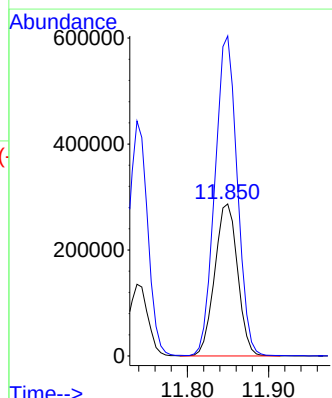
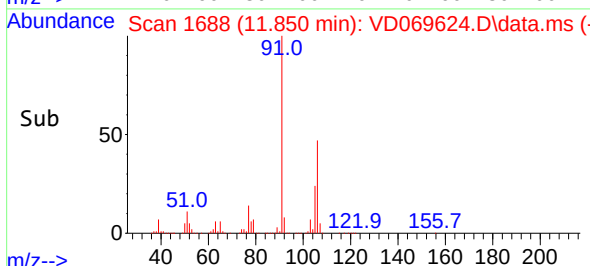
Tgt Ion: 91 Resp: 726072
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4

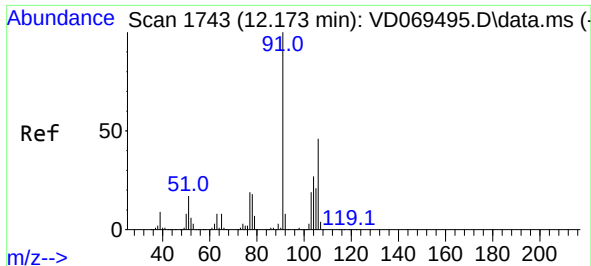


#68
m/p-Xylenes
Concen: 41.803 ug/l
RT: 11.850 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



Tgt Ion: 106 Resp: 563306
Ion Ratio Lower Upper
106 100
91 204.6 164.2 246.4





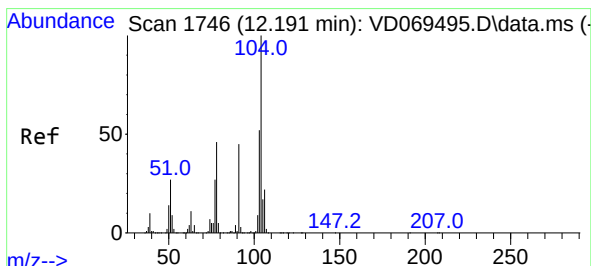
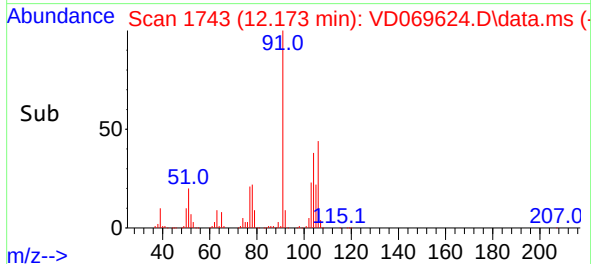
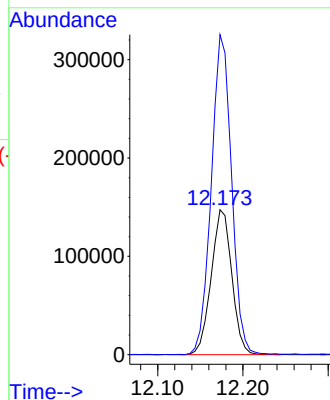
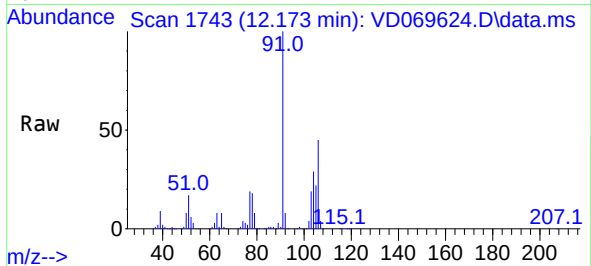
#69
o-Xylene
Concen: 20.520 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion:106 Resp: 247871
Ion Ratio Lower Upper
106 100
91 217.4 107.7 323.3

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

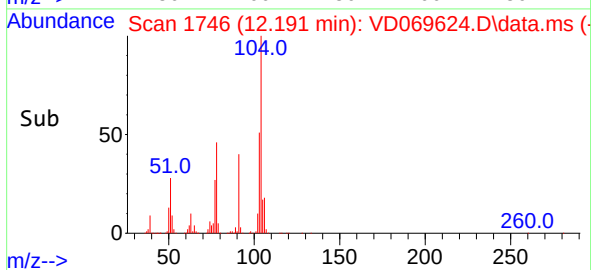
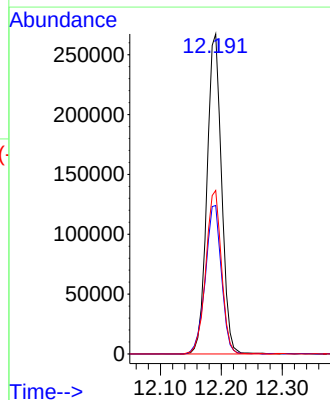
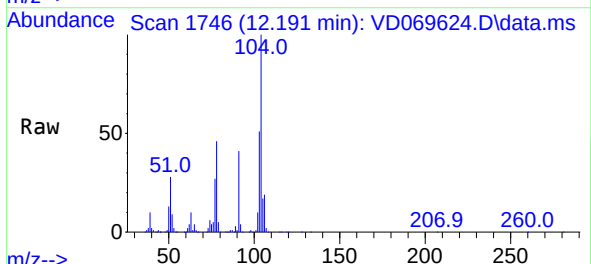
Manual Integrations
APPROVED

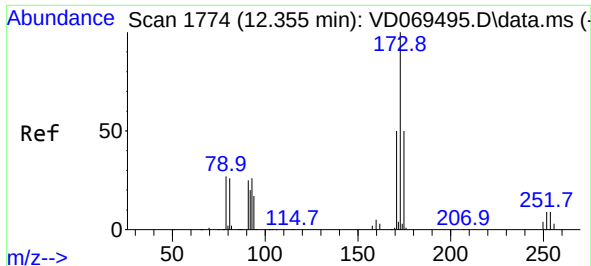
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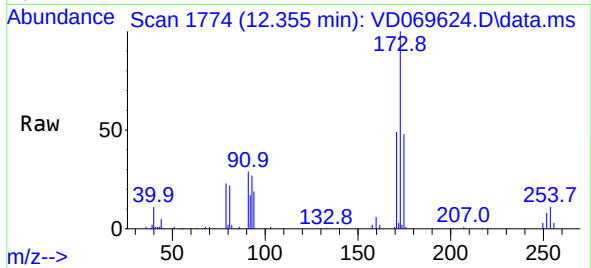
#70
Styrene
Concen: 20.917 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion:104 Resp: 445051
Ion Ratio Lower Upper
104 100
78 50.9 40.2 60.2
103 54.6 44.3 66.5

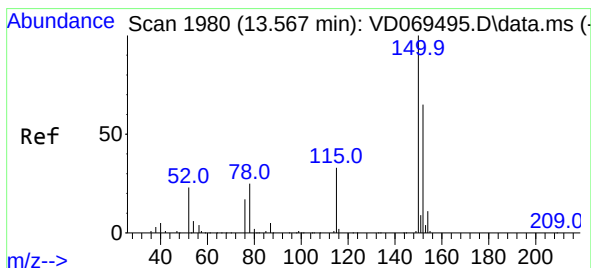
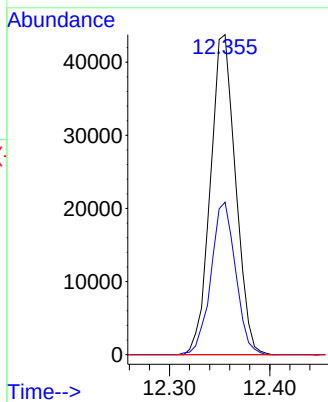
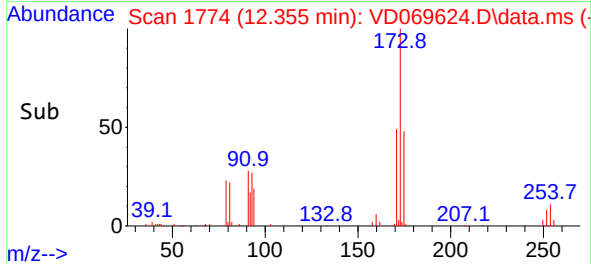




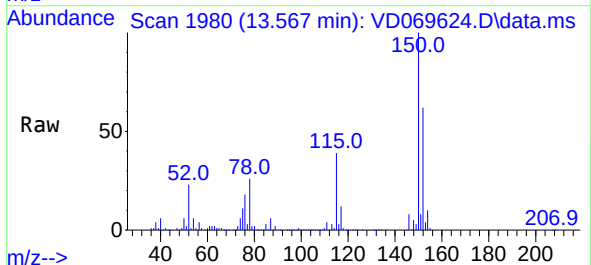
#71
Bromoform
Concen: 20.214 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



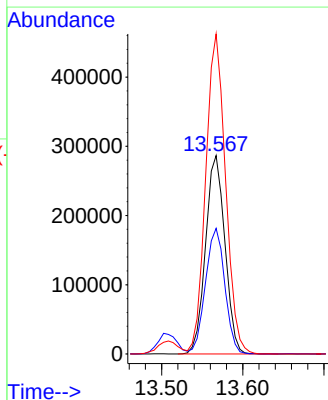
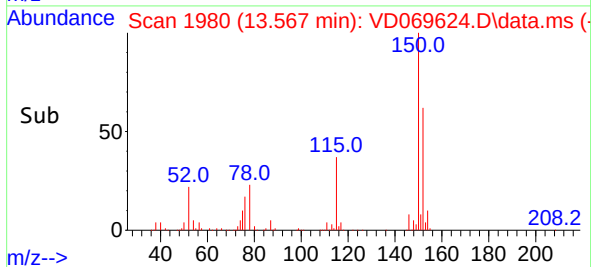
Tgt Ion:173 Resp: 76300
Ion Ratio Lower Upper
173 100
175 46.6 24.6 73.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



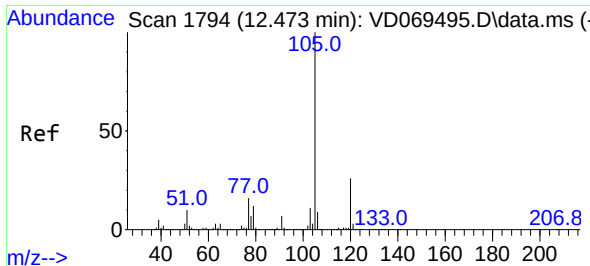
Tgt Ion:152 Resp: 474632
Ion Ratio Lower Upper
152 100
115 63.3 31.7 95.1
150 165.2 0.0 350.8



Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

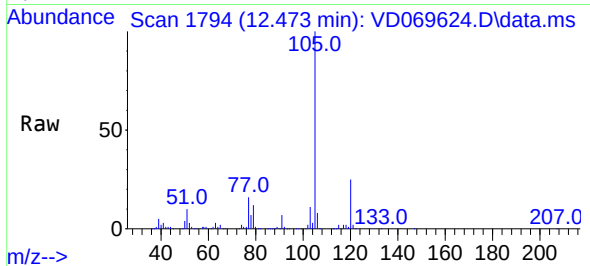
Manual Integrations
APPROVED

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#73
Isopropylbenzene
Concen: 20.647 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

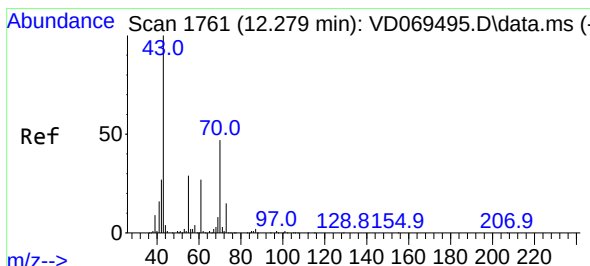
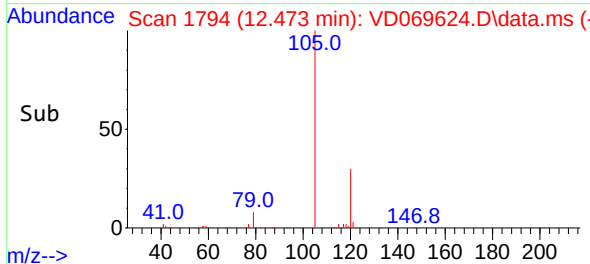
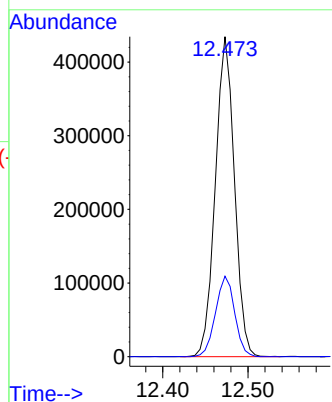
Instrument :
MSVOA_D
ClientSampled :
VD0708SBS01



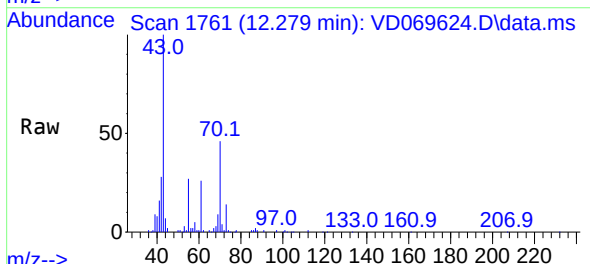
Tgt Ion:105 Resp: 675186
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.6

Manual Integrations
APPROVED

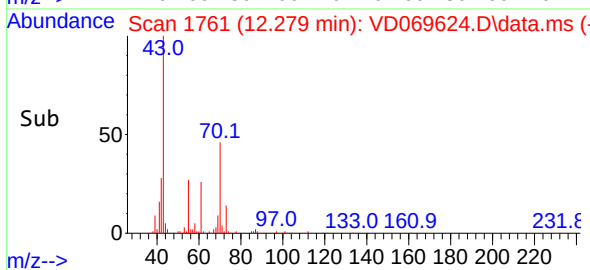
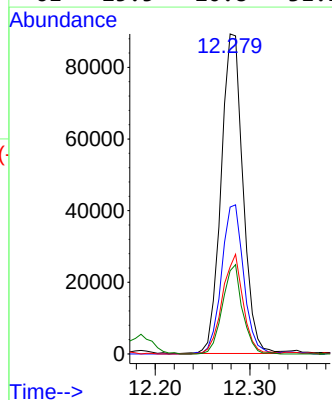
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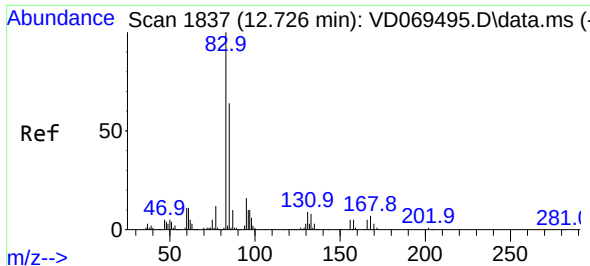


#74
N-ethyl acetate
Concen: 21.561 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



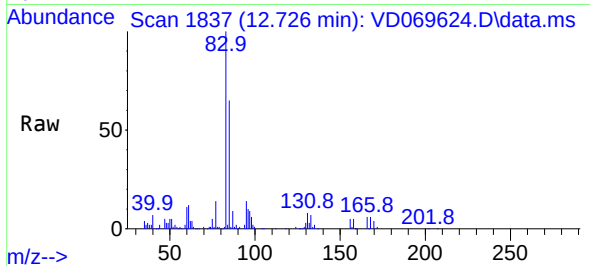
Tgt Ion: 43 Resp: 143151
Ion Ratio Lower Upper
43 100
70 47.2 38.1 57.1
55 30.0 24.1 36.1
61 25.5 20.8 31.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.056 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

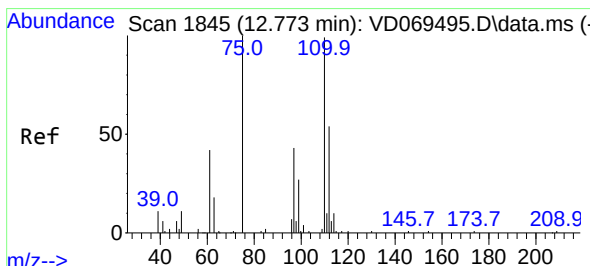
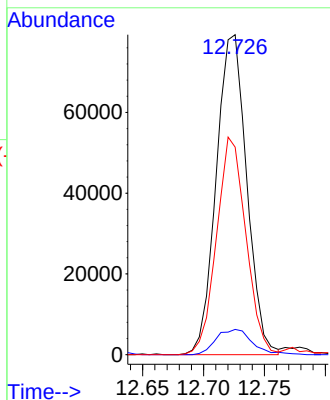
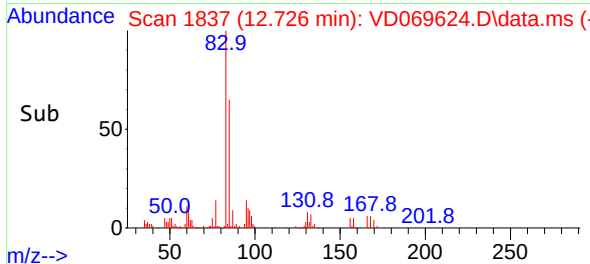
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01



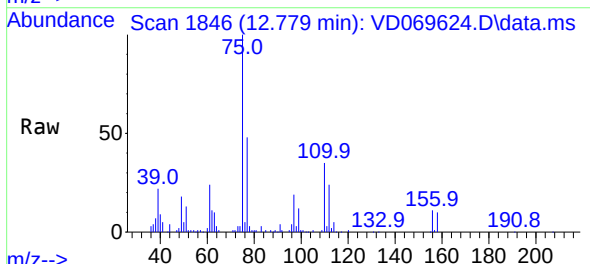
Tgt Ion: 83 Resp: 138306
Ion Ratio Lower Upper
83 100
131 9.4 4.9 14.6
85 65.5 31.7 95.1

Manual Integrations
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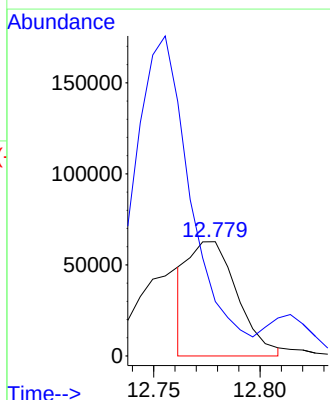
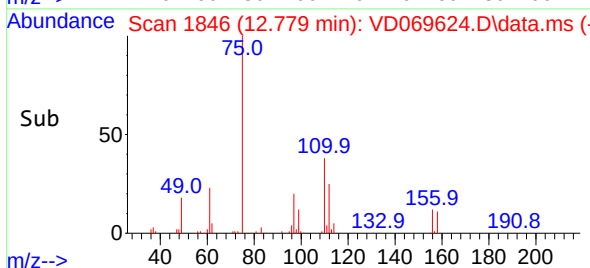
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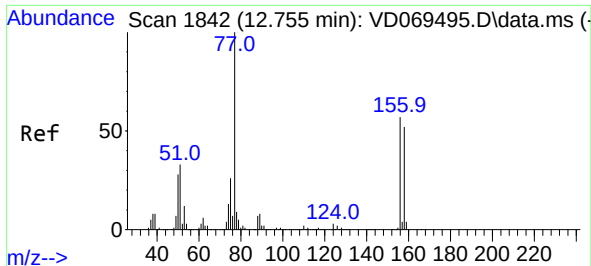


#76
1,2,3-Trichloropropane
Concen: 21.503 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



Tgt Ion: 75 Resp: 100184
Ion Ratio Lower Upper
75 100
77 0.0 162.6 487.8#





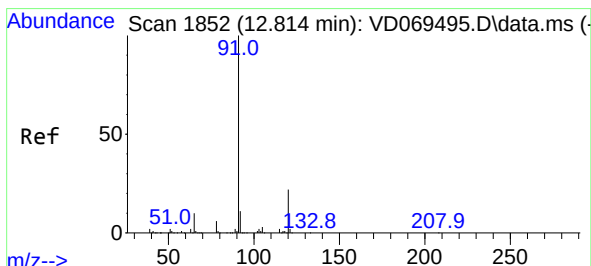
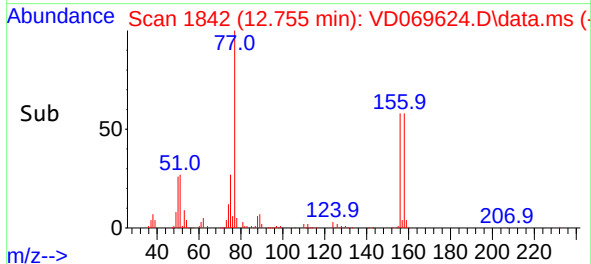
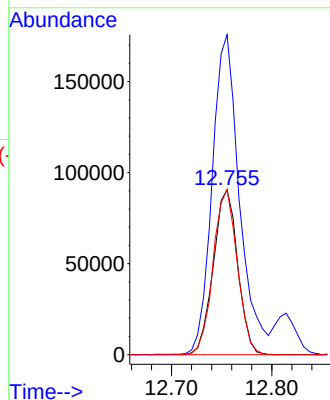
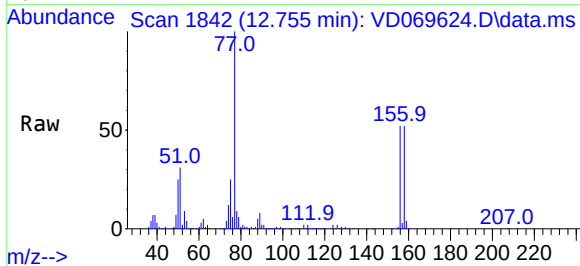
#77
Bromobenzene
Concen: 20.608 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion:156 Resp: 153030
Ion Ratio Lower Upper
156 100
77 217.3 100.8 302.6
158 98.9 47.4 142.2

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

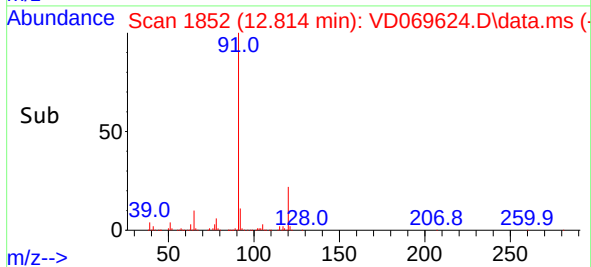
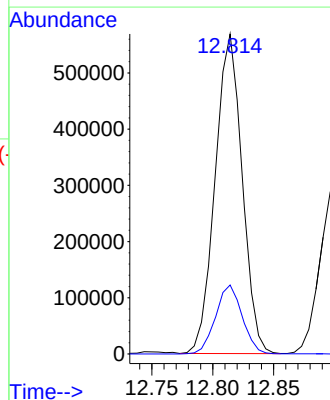
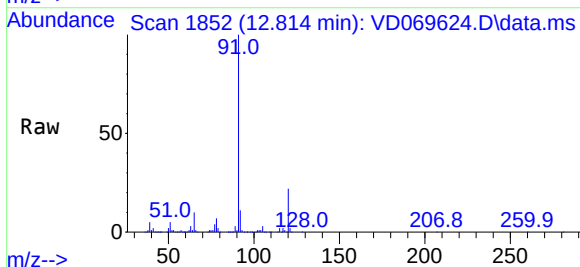
Manual Integrations
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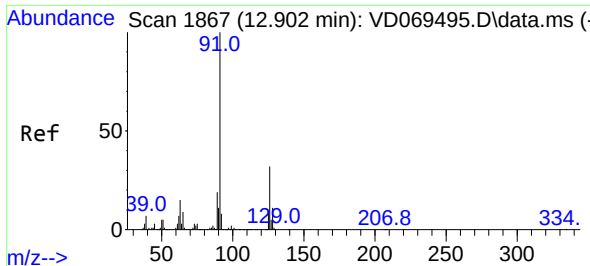
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#78
n-propylbenzene
Concen: 21.385 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

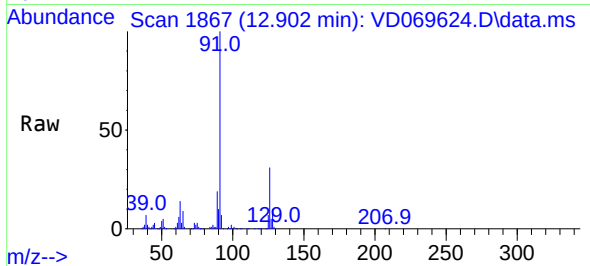
Tgt Ion: 91 Resp: 877759
Ion Ratio Lower Upper
91 100
120 21.3 10.9 32.9





#79
2-Chlorotoluene
Concen: 21.436 ug/l
RT: 12.902 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

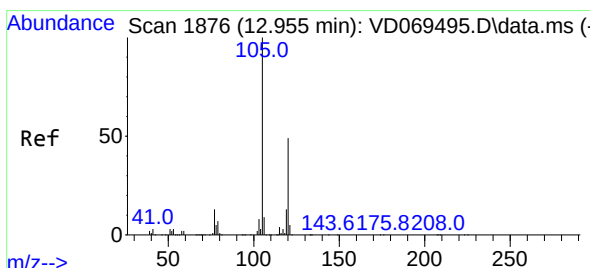
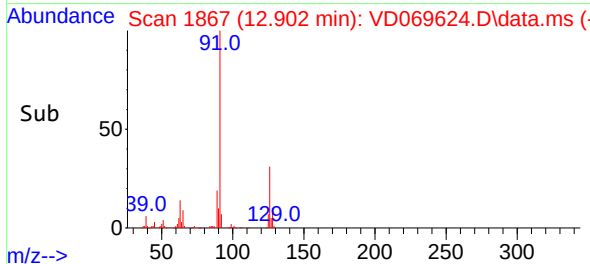
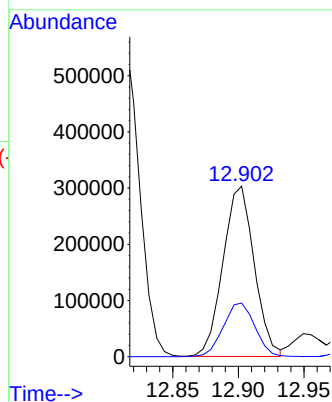
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01



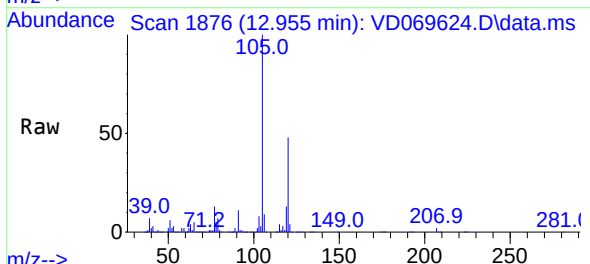
Tgt Ion: 91 Resp: 502644
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.6

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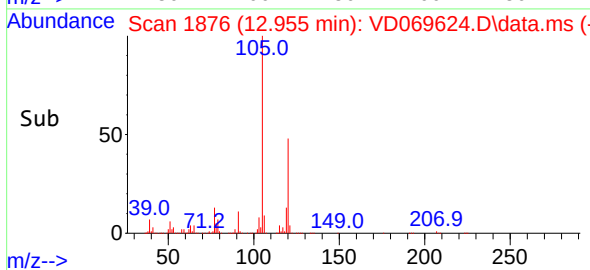
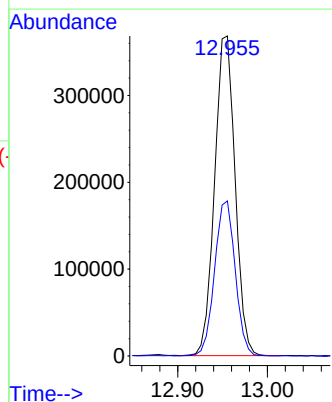
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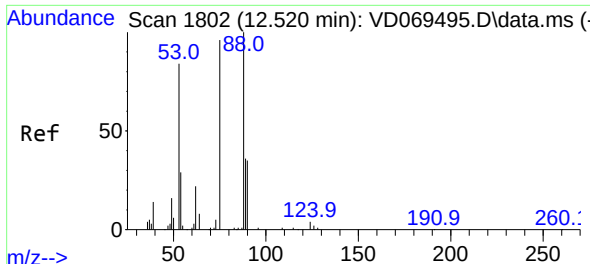


#80
1,3,5-Trimethylbenzene
Concen: 21.216 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



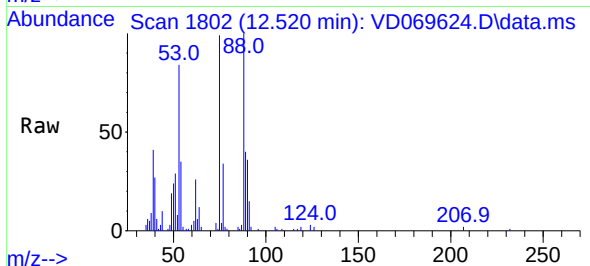
Tgt Ion: 105 Resp: 583869
Ion Ratio Lower Upper
105 100
120 48.9 23.6 70.8





#81
trans-1,4-Dichloro-2-butene
Concen: 20.567 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

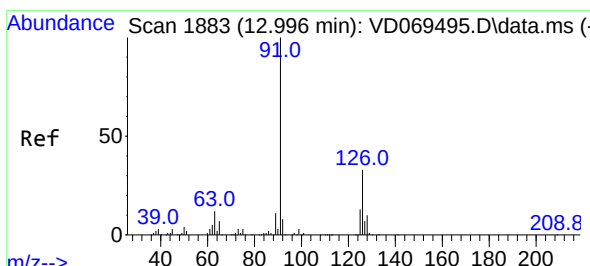
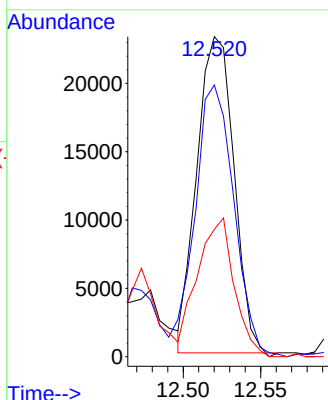
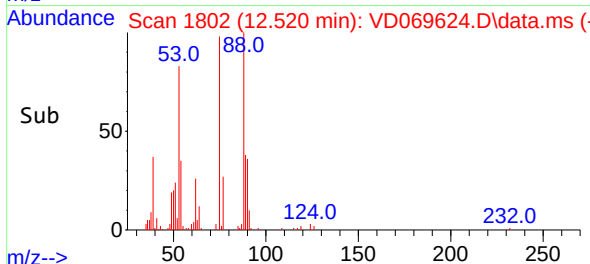
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01



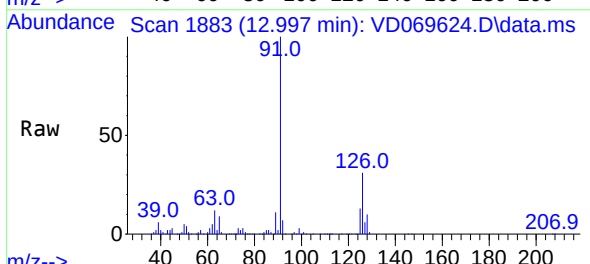
Tgt Ion: 75 Resp: 38377
Ion Ratio Lower Upper
75 100
53 90.7 74.6 112.0
89 43.7 35.3 52.9

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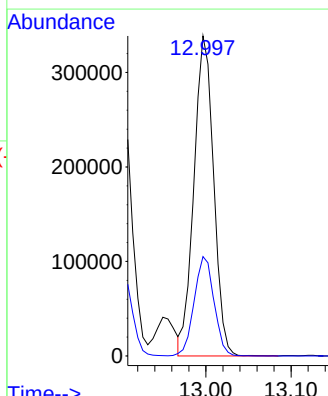
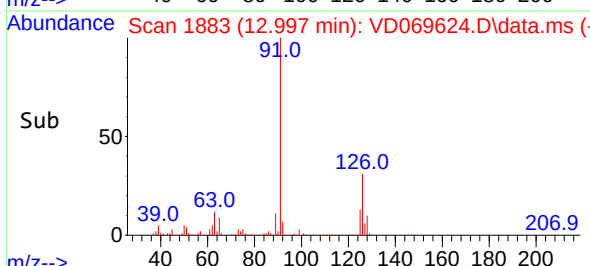
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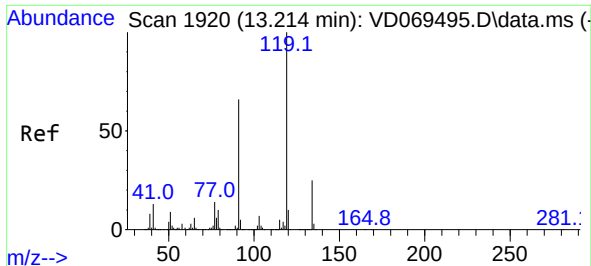


#82
4-Chlorotoluene
Concen: 21.634 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



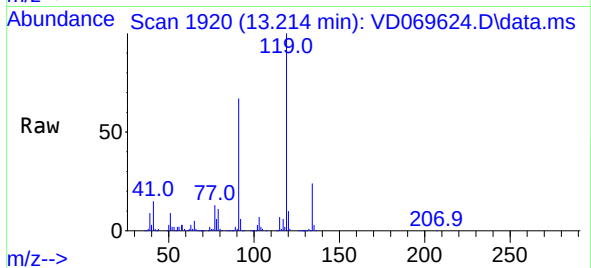
Tgt Ion: 91 Resp: 543880
Ion Ratio Lower Upper
91 100
126 31.3 16.2 48.5





#83
tert-Butylbenzene
Concen: 20.605 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

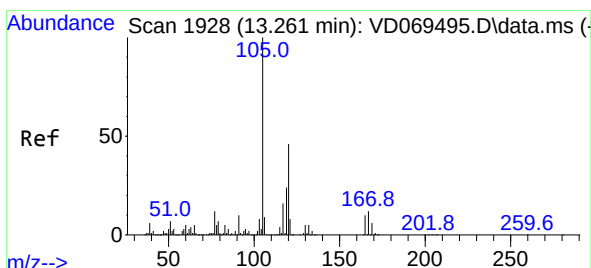
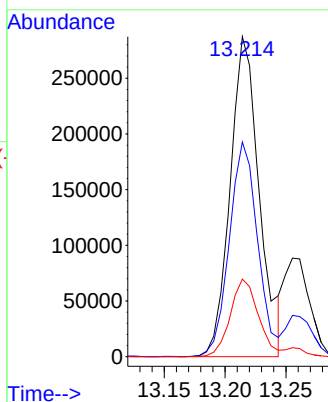
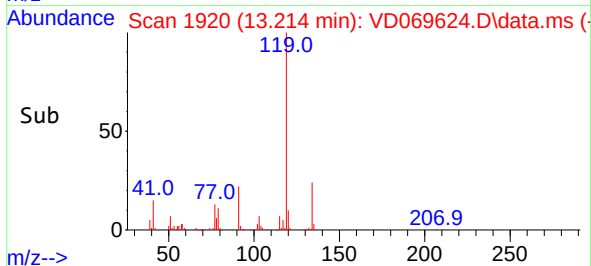
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01



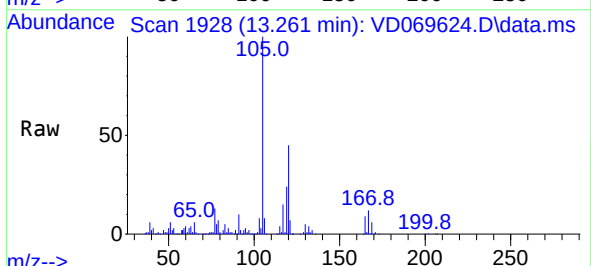
Tgt Ion:119 Resp: 477785
Ion Ratio Lower Upper
119 100
91 65.4 32.5 97.4
134 23.8 12.9 38.7

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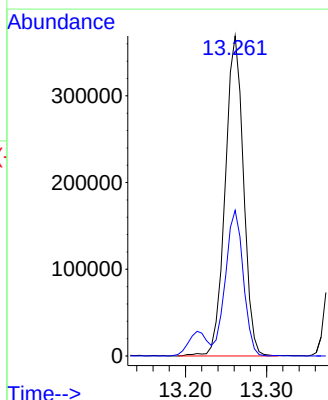
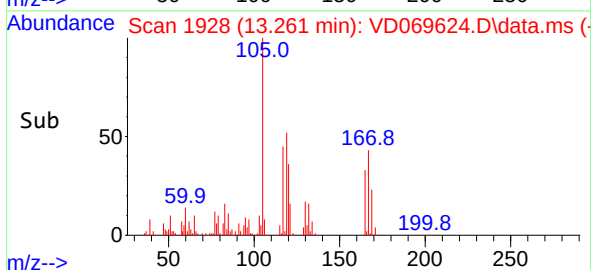
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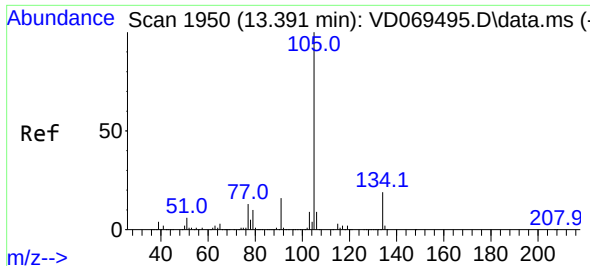


#84
1,2,4-Trimethylbenzene
Concen: 21.109 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



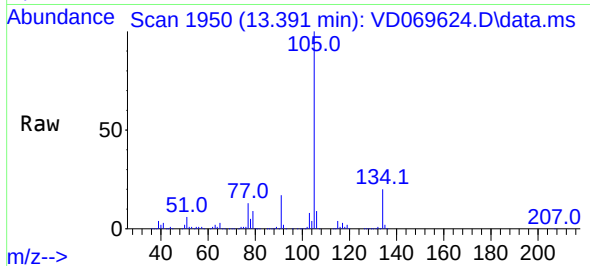
Tgt Ion:105 Resp: 577497
Ion Ratio Lower Upper
105 100
120 44.4 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 20.950 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD069624.D
 Acq: 08 Jul 2021 12:48

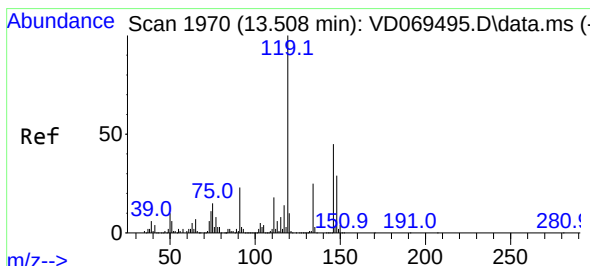
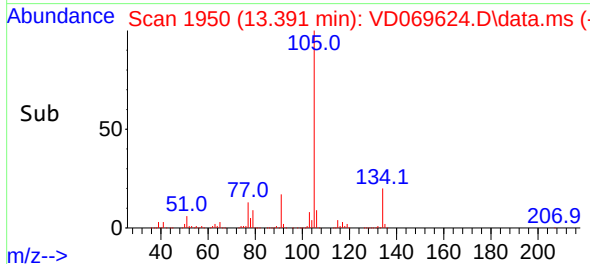
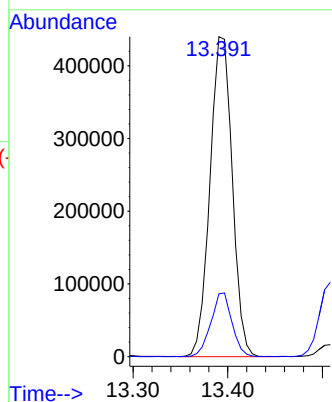
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBS01



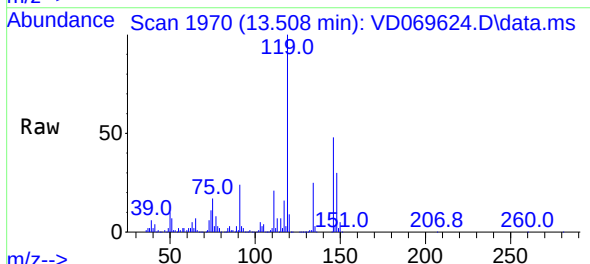
Tgt Ion:105 Resp: 718834
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.5 28.5

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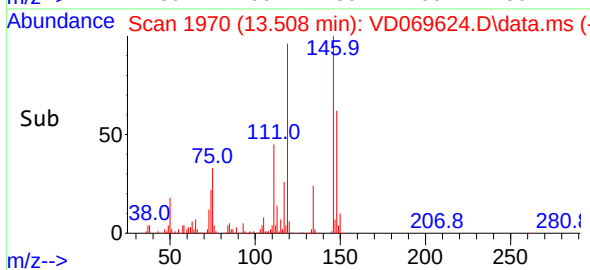
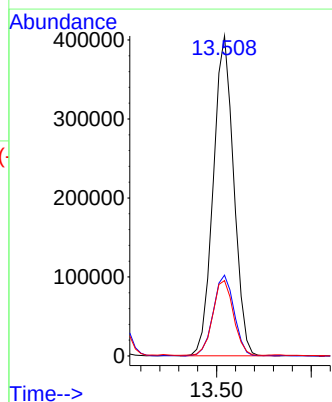
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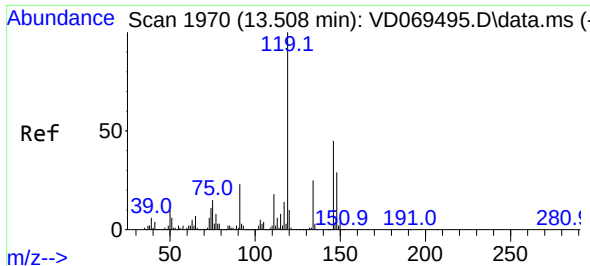


#86
 p-Isopropyltoluene
 Concen: 20.979 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. 0.000 min
 Lab File: VD069624.D
 Acq: 08 Jul 2021 12:48



Tgt Ion:119 Resp: 605928
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.6
 91 23.8 11.8 35.4





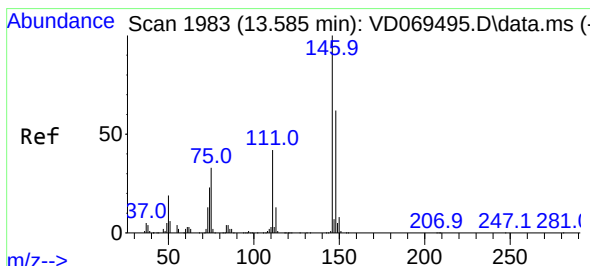
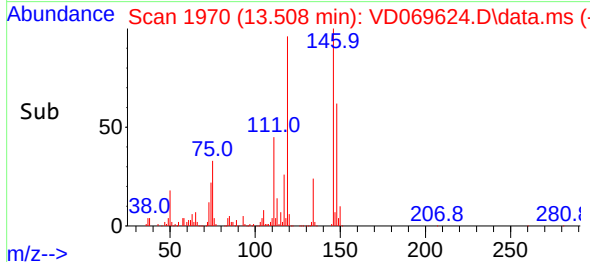
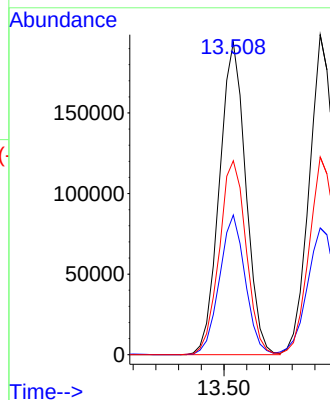
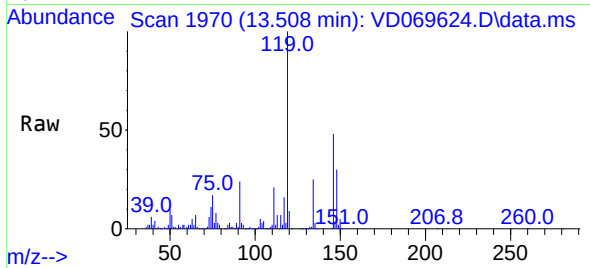
#87
1,3-Dichlorobenzene
Concen: 20.538 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion:146 Resp: 312347
Ion Ratio Lower Upper
146 100
111 43.7 21.1 63.1
148 63.5 31.6 94.8

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

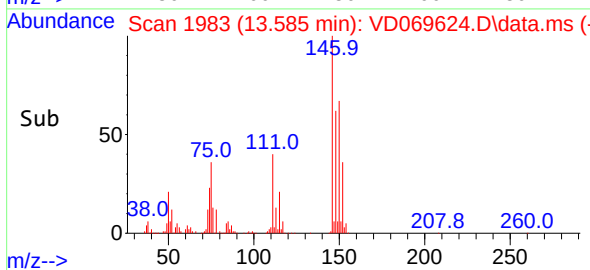
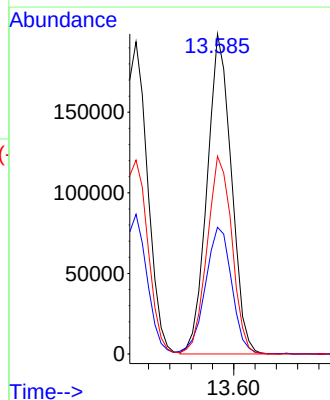
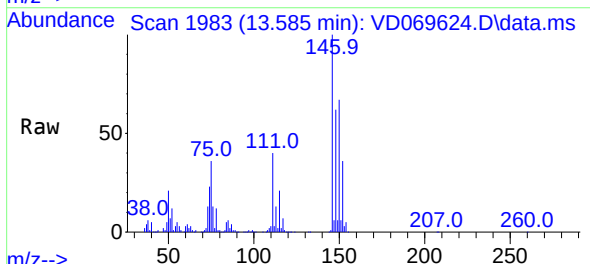
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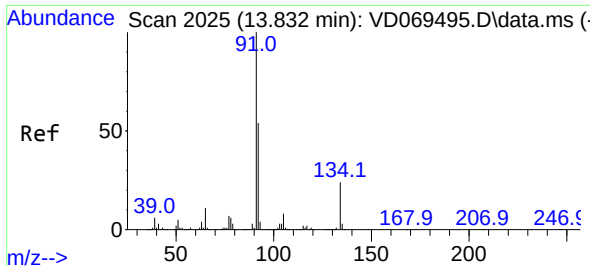
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#88
1,4-Dichlorobenzene
Concen: 20.778 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

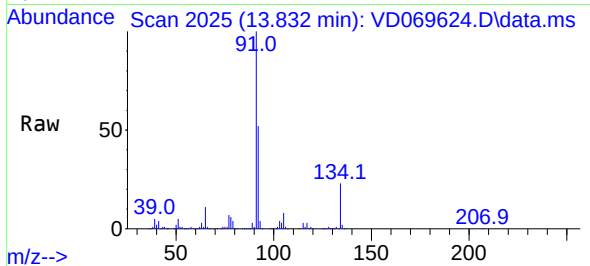
Tgt Ion:146 Resp: 314828
Ion Ratio Lower Upper
146 100
111 43.2 20.7 62.1
148 63.3 31.6 94.7





#89
n-Butylbenzene
Concen: 20.549 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

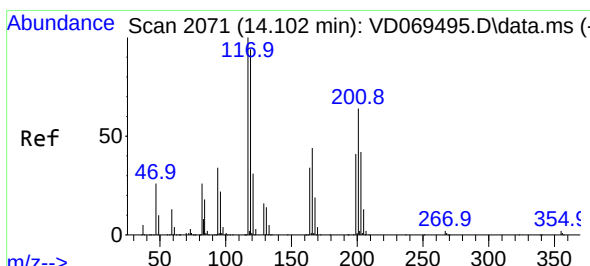
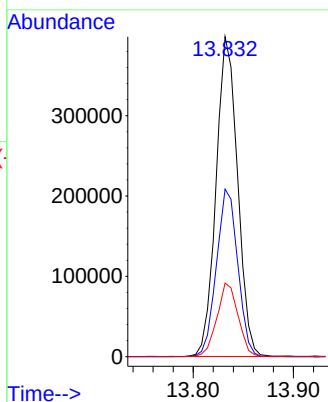
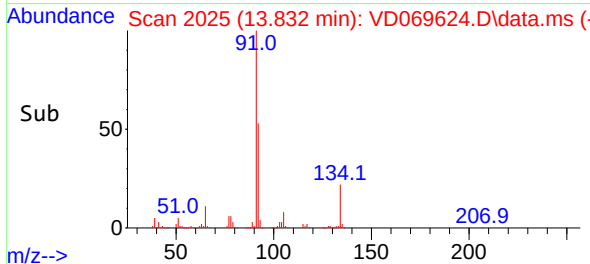
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01



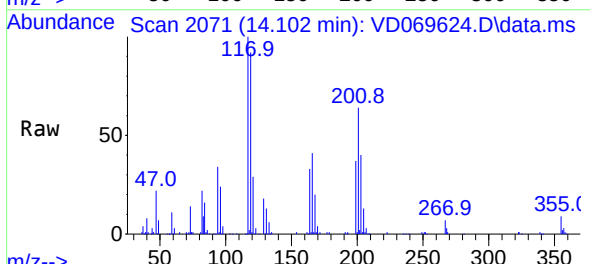
Tgt Ion: 91 Resp: 592050
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.5
134 22.7 11.9 35.9

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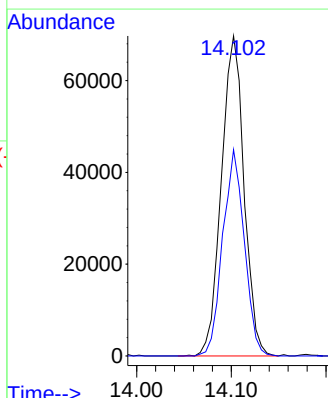
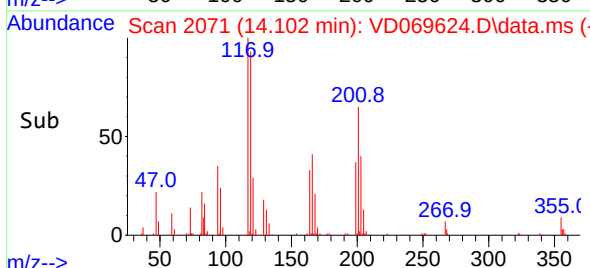
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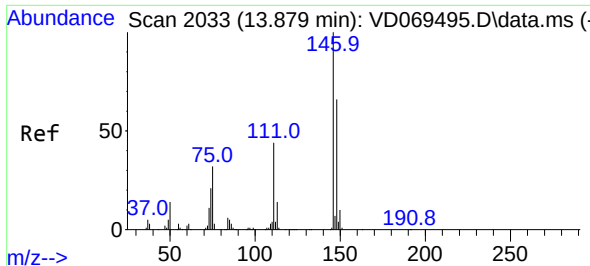


#90
Hexachloroethane
Concen: 20.543 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



Tgt Ion: 117 Resp: 115981
Ion Ratio Lower Upper
117 100
201 61.5 33.1 99.2





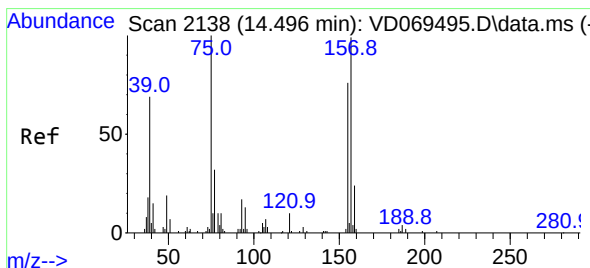
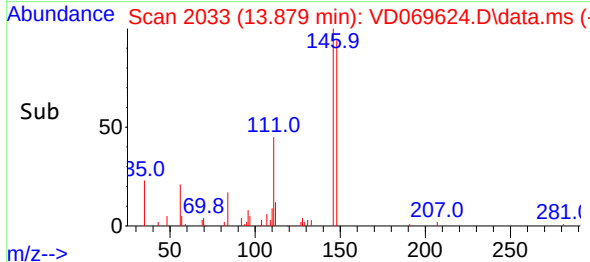
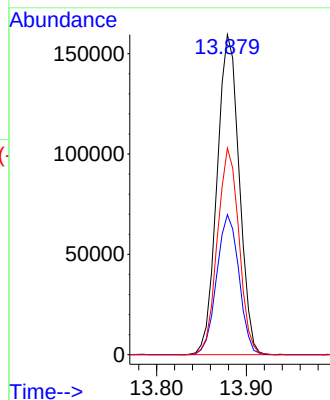
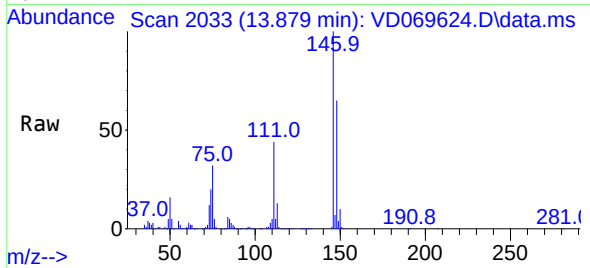
#91
1,2-Dichlorobenzene
Concen: 20.785 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion:146 Resp: 273457
Ion Ratio Lower Upper
146 100
111 44.1 21.8 65.4
148 62.9 32.0 96.2

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

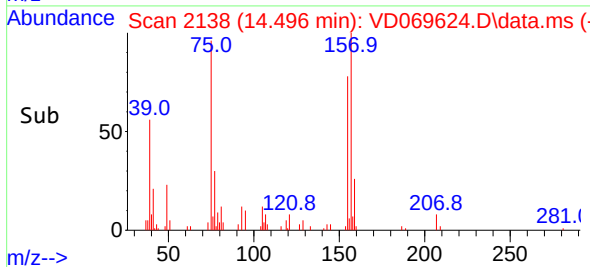
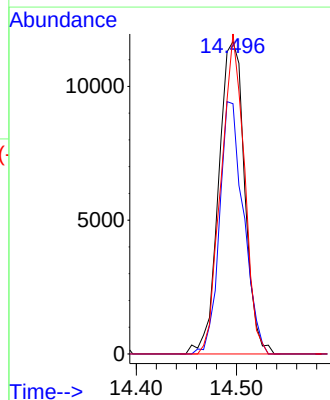
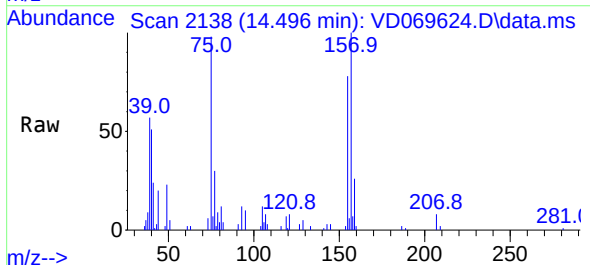
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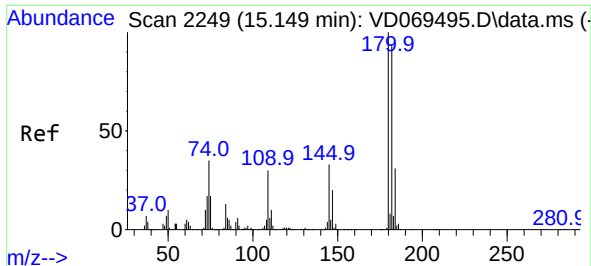
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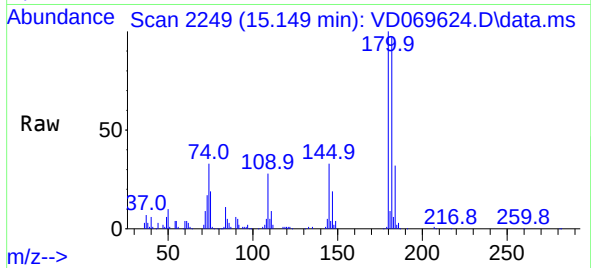
#92
1,2-Dibromo-3-Chloropropane
Concen: 21.029 ug/l
RT: 14.496 min Scan# 2138
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion: 75 Resp: 20958
Ion Ratio Lower Upper
75 100
155 74.8 39.4 118.1
157 91.6 51.2 153.6

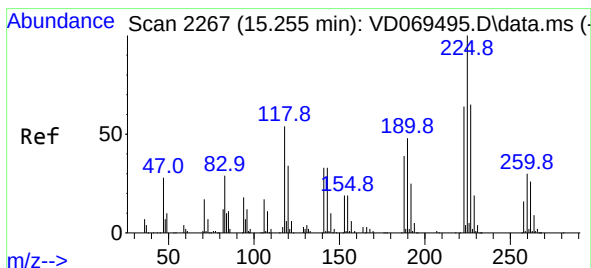
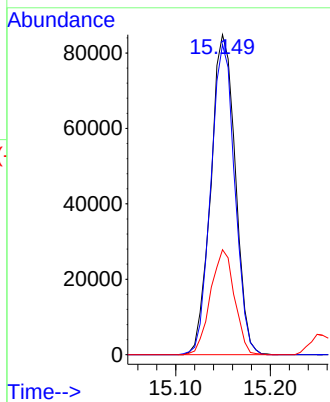
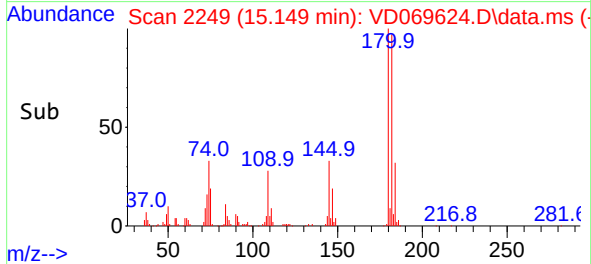




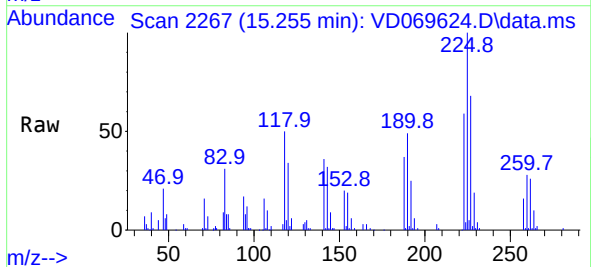
#93
1,2,4-Trichlorobenzene
Concen: 20.737 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



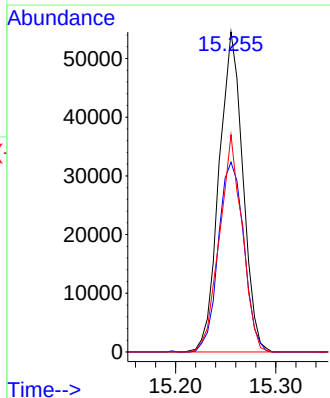
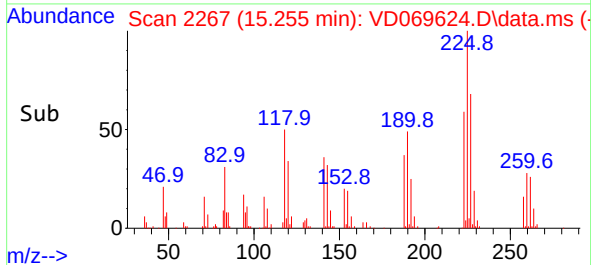
Tgt Ion:180 Resp: 152199
Ion Ratio Lower Upper
180 100
182 94.6 47.2 141.6
145 32.3 16.1 48.2



#94
Hexachlorobutadiene
Concen: 19.512 ug/l
RT: 15.255 min Scan# 2267
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48



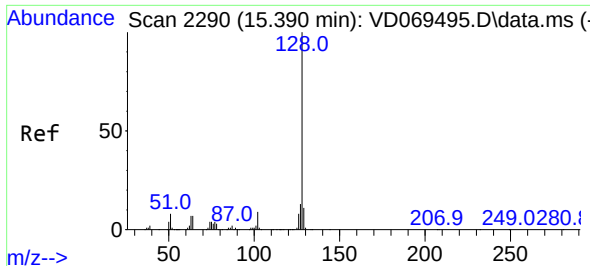
Tgt Ion:225 Resp: 89851
Ion Ratio Lower Upper
225 100
223 63.6 31.4 94.2
227 65.0 31.8 95.3



Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Manual Integrations
APPROVED

MMDadoda
7/9/2021 5:44:06 PM



#95
Naphthalene
Concen: 19.679 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.001 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

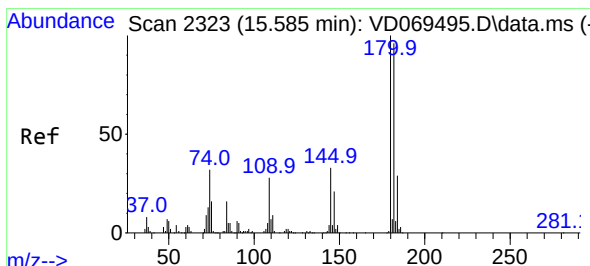
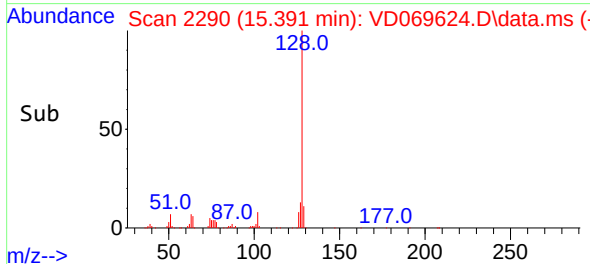
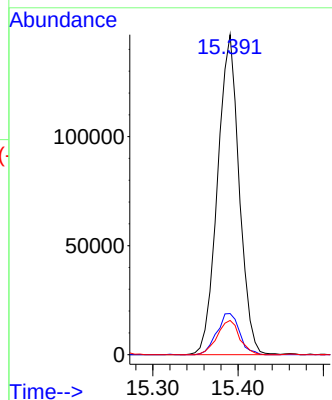
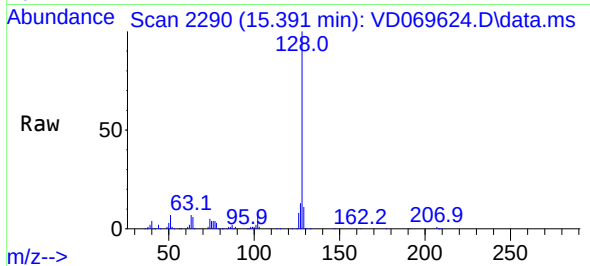
Tgt Ion:128 Resp: 258738

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	16.0
129	11.1	8.7	13.1

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBS01

Manual Integrations
APPROVED

MMDadoda
7/9/2021 5:44:06 PM



#96
1,2,3-Trichlorobenzene
Concen: 20.240 ug/l
RT: 15.585 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VD069624.D
Acq: 08 Jul 2021 12:48

Tgt Ion:180 Resp: 130936

Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.6	142.8
145	33.4	17.1	51.2

