

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074522.D
 Acq On : 13 Oct 2022 10:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 13 16:54:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	104135	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	175574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	153529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	65176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48404	54.001	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.000%	
35) Dibromofluoromethane	7.804	113	57568	54.692	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.380%	
50) Toluene-d8	10.269	98	224205	55.582	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 111.160%	
62) 4-Bromofluorobenzene	12.569	95	58715	47.260	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	51368	51.021	ug/l	96
3) Chloromethane	2.146	50	58248	46.486	ug/l	91
4) Vinyl Chloride	2.281	62	66644	51.415	ug/l	99
5) Bromomethane	2.687	94	45490	49.467	ug/l	100
6) Chloroethane	2.834	64	44037	50.920	ug/l	99
7) Trichlorofluoromethane	3.169	101	99375	50.097	ug/l	96
8) Diethyl Ether	3.593	74	31181	52.365	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.963	101	67017	50.265	ug/l	99
10) Methyl Iodide	4.157	142	83846	46.899	ug/l	98
11) Tert butyl alcohol	5.046	59	20749	163.055	ug/l #	96
12) 1,1-Dichloroethene	3.934	96	68214	50.230	ug/l	90
13) Acrolein	3.793	56	10563	230.606	ug/l	100
14) Allyl chloride	4.551	41	76046	51.439	ug/l	100
15) Acrylonitrile	5.251	53	61633	260.016	ug/l	98
16) Acetone	4.022	43	53865	278.589	ug/l	97
17) Carbon Disulfide	4.263	76	190061	47.335	ug/l	97
18) Methyl Acetate	4.563	43	28074	45.630	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	136636	52.872	ug/l	99
20) Methylene Chloride	4.793	84	73758	45.271	ug/l	91
21) trans-1,2-Dichloroethene	5.310	96	74054	50.627	ug/l	90
22) Diisopropyl ether	6.210	45	153579	51.957	ug/l	97
23) Vinyl Acetate	6.151	43	345499	269.232	ug/l	99
24) 1,1-Dichloroethane	6.110	63	113880	49.770	ug/l	99
25) 2-Butanone	7.081	43	68663	257.258	ug/l	97
26) 2,2-Dichloropropane	7.069	77	101721	50.503	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	80980	51.978	ug/l	99
28) Bromochloromethane	7.422	49	30874	51.103	ug/l	96
29) Tetrahydrofuran	7.440	42	39931	271.289	ug/l	98
30) Chloroform	7.593	83	116938	52.747	ug/l	98
31) Cyclohexane	7.875	56	94397	49.497	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	106755	53.178	ug/l	98
36) 1,1-Dichloropropene	8.004	75	90954	53.978	ug/l	100
37) Ethyl Acetate	7.163	43	29650	53.612	ug/l #	95
38) Carbon Tetrachloride	7.987	117	87909	56.425	ug/l	97
39) Methylcyclohexane	9.269	83	115283	54.661	ug/l	98
40) Benzene	8.245	78	268835	53.605	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	16954	53.429	ug/l	95
42) 1,2-Dichloroethane	8.322	62	61349	51.769	ug/l	98
43) Isopropyl Acetate	8.357	43	56322	55.427	ug/l	96
44) Trichloroethene	9.028	130	76636	53.416	ug/l	97
45) 1,2-Dichloropropane	9.304	63	61116	53.490	ug/l	97
46) Dibromomethane	9.392	93	34274	53.387	ug/l	95
47) Bromodichloromethane	9.581	83	85687	53.995	ug/l	99
48) Methyl methacrylate	9.381	41	26673	54.243	ug/l	94
49) 1,4-Dioxane	9.381	88	7741	1160.668	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	142582	283.632	ug/l	98
52) Toluene	10.334	92	171400	54.076	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	77836	56.256	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	96406	55.166	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	47590	55.299	ug/l	95
56) Ethyl methacrylate	10.598	69	55214	55.656	ug/l	95
57) 1,3-Dichloropropane	10.881	76	75867	52.711	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	50465	232.550	ug/l	98
59) 2-Hexanone	10.922	43	97461	289.621	ug/l	100
60) Dibromochloromethane	11.075	129	56488	54.571	ug/l	99
61) 1,2-Dibromoethane	11.175	107	43597	54.445	ug/l	97
64) Tetrachloroethene	10.810	164	61736	53.700	ug/l	97
65) Chlorobenzene	11.604	112	181080	54.947	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	61381	54.891	ug/l	98
67) Ethyl Benzene	11.681	91	324165	55.493	ug/l	97
68) m/p-Xylenes	11.786	106	244923	105.149	ug/l	97
69) o-Xylene	12.116	106	111940	51.650	ug/l	93
70) Styrene	12.133	104	185028	50.522	ug/l	99
71) Bromoform	12.298	173	28568	50.153	ug/l #	97
73) Isopropylbenzene	12.416	105	291106	55.521	ug/l	100
74) N-amyl acetate	12.228	43	46518	56.649	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	45875	55.313	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	54012	96.969	ug/l #	1
77) Bromobenzene	12.698	156	64706	54.549	ug/l	97
78) n-propylbenzene	12.763	91	347252	54.743	ug/l	99
79) 2-Chlorotoluene	12.845	91	184666	54.240	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	234891	55.122	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.463	75	12473	56.802	ug/l	98
82) 4-Chlorotoluene	12.945	91	188119	55.050	ug/l	100
83) tert-Butylbenzene	13.163	119	204066	54.690	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	229841	54.448	ug/l	100
85) sec-Butylbenzene	13.339	105	310249	54.567	ug/l	98
86) p-Isopropyltoluene	13.457	119	258807	54.821	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	127798	52.586	ug/l	99
88) 1,4-Dichlorobenzene	13.533	146	125358	51.978	ug/l	99
89) n-Butylbenzene	13.786	91	246251	55.841	ug/l	98
90) Hexachloroethane	14.051	117	45628	54.742	ug/l	94
91) 1,2-Dichlorobenzene	13.827	146	112305	54.172	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	7026	61.967	ug/l	80
93) 1,2,4-Trichlorobenzene	15.092	180	71182	52.072	ug/l	96
94) Hexachlorobutadiene	15.198	225	38281	53.861	ug/l	99
95) Naphthalene	15.327	128	140360	54.370	ug/l	100
96) 1,2,3-Trichlorobenzene	15.516	180	62510	53.569	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Oct 12 13:14:00 2022
Response via : Initial Calibration

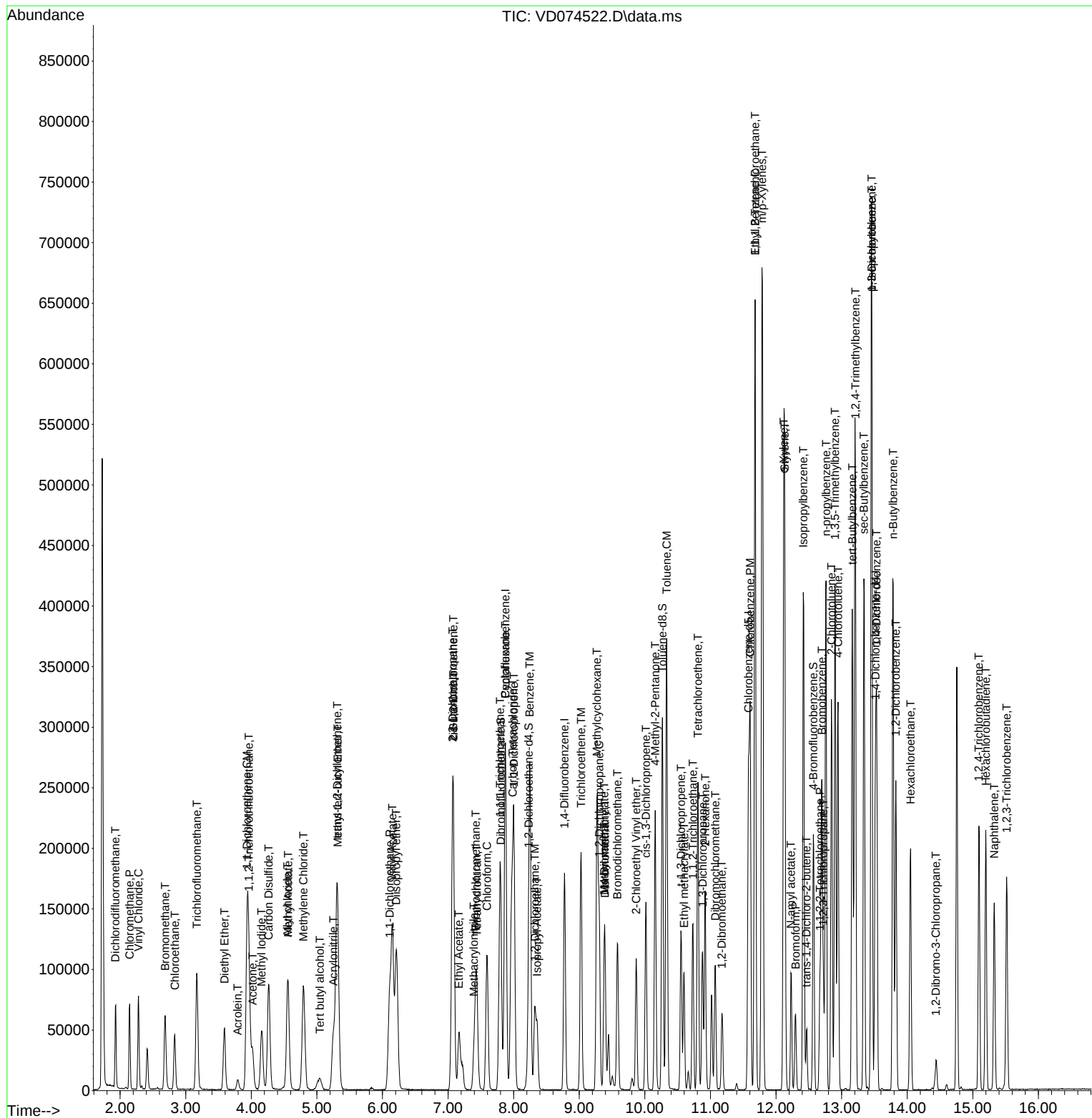
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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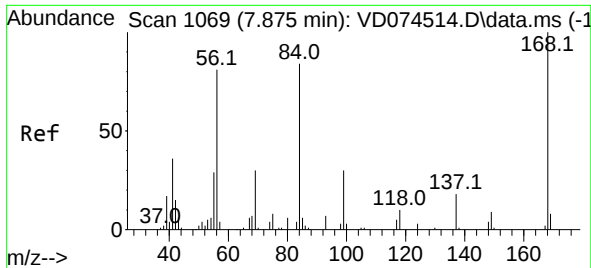
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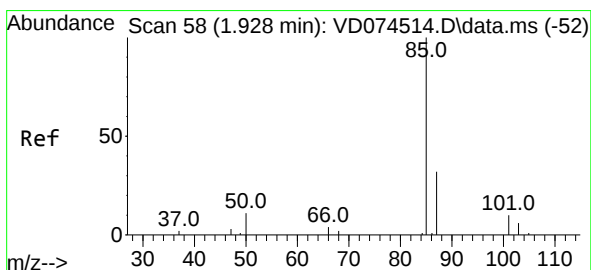
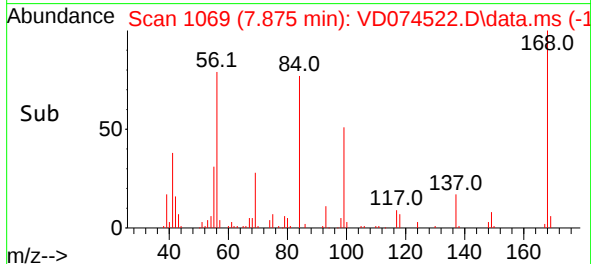
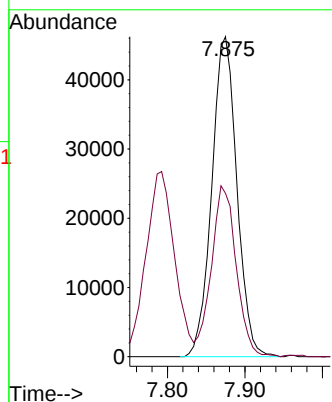
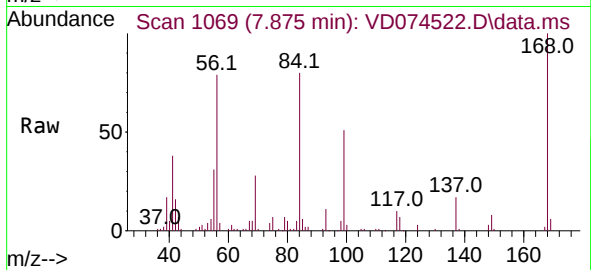




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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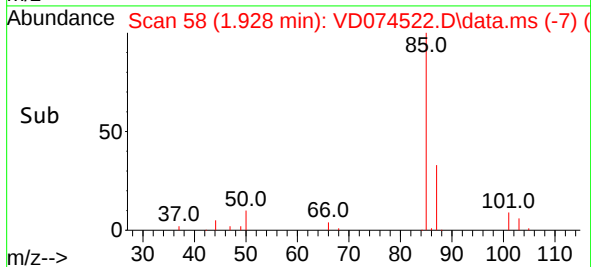
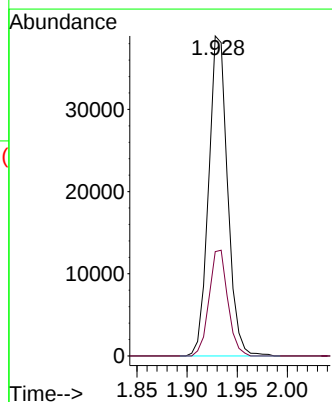
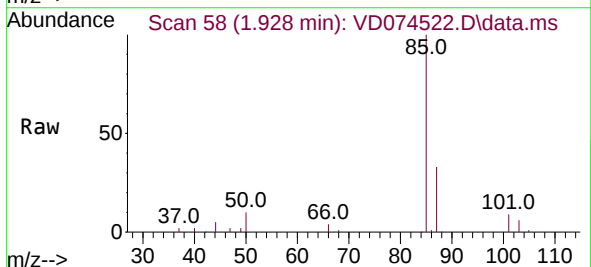
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

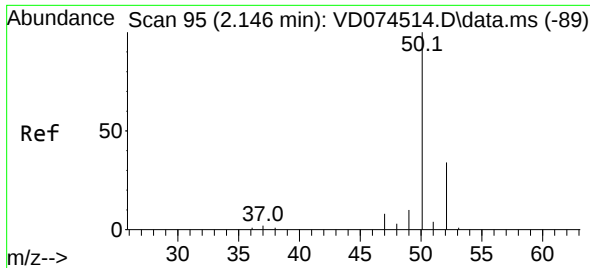
Tgt Ion:168 Resp: 104135
Ion Ratio Lower Upper
168 100
99 51.1 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 51.021 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 85 Resp: 51368
Ion Ratio Lower Upper
85 100
87 32.6 17.5 52.6

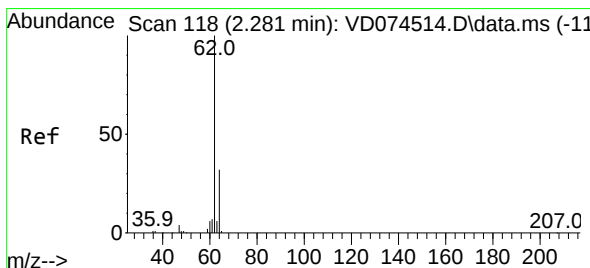
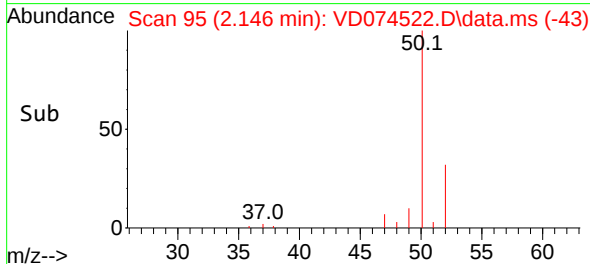
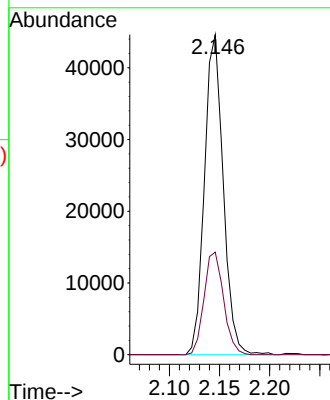
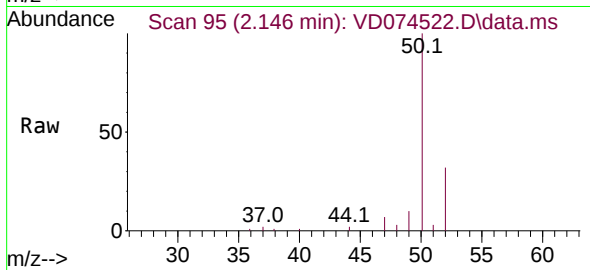




#3
Chloromethane
Concen: 46.486 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

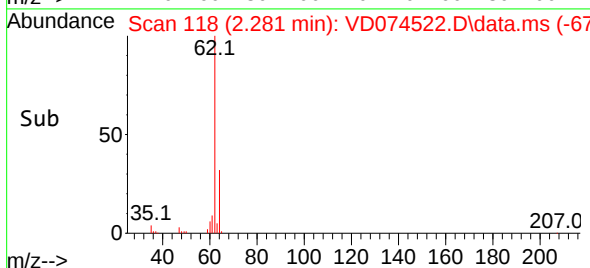
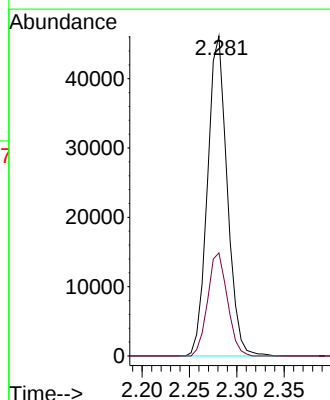
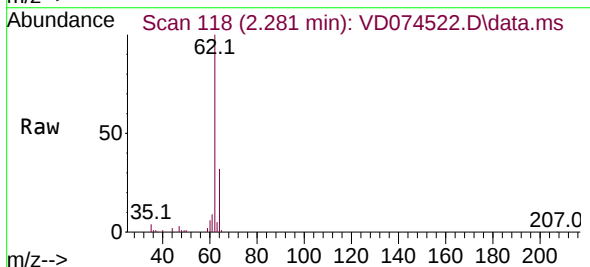
Instrument :
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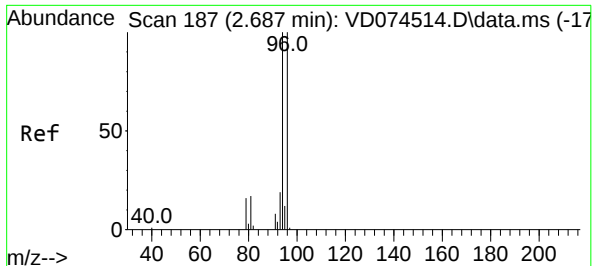
Tgt Ion: 50 Resp: 58248
Ion Ratio Lower Upper
50 100
52 32.0 30.0 45.0



#4
Vinyl Chloride
Concen: 51.415 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 62 Resp: 66644
Ion Ratio Lower Upper
62 100
64 32.2 25.5 38.3

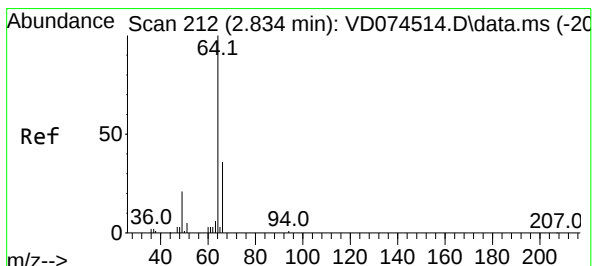
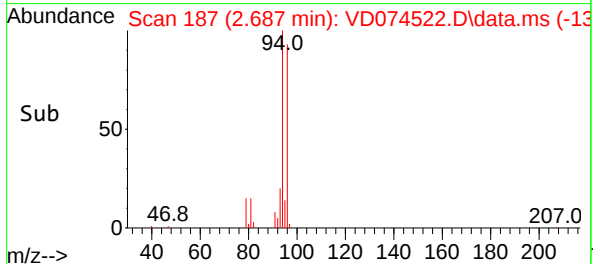
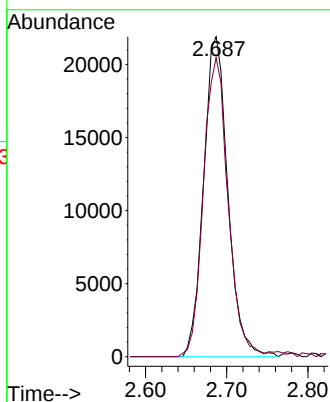
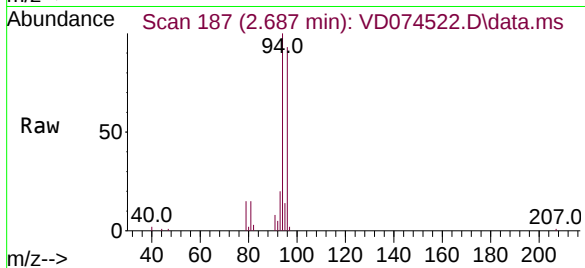




#5
Bromomethane
Concen: 49.467 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.006 min
Lab File: VD074522.D
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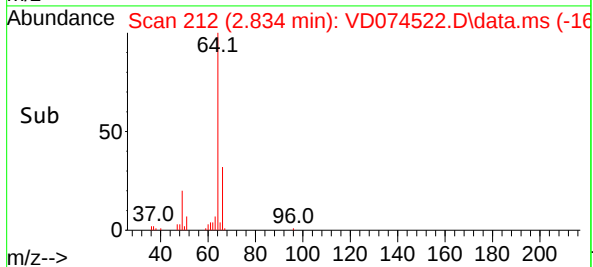
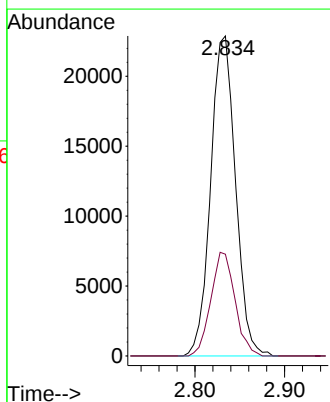
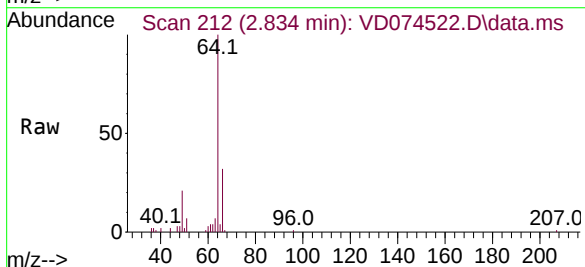
Instrument :
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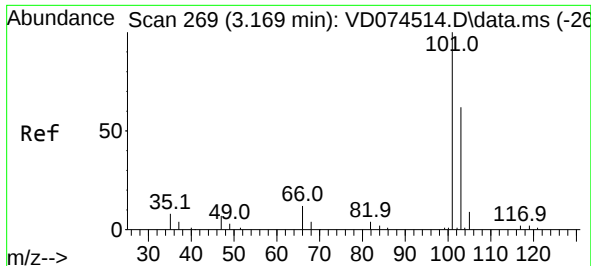
Tgt Ion: 94 Resp: 45490
Ion Ratio Lower Upper
94 100
96 93.4 74.6 112.0



#6
Chloroethane
Concen: 50.920 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 64 Resp: 44037
Ion Ratio Lower Upper
64 100
66 31.8 25.8 38.8

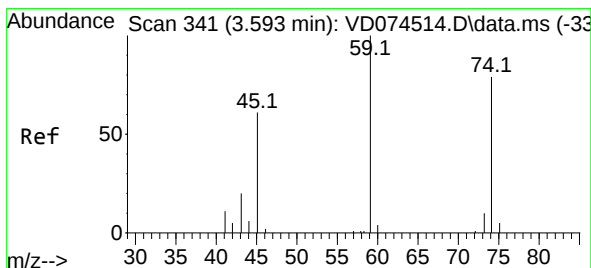
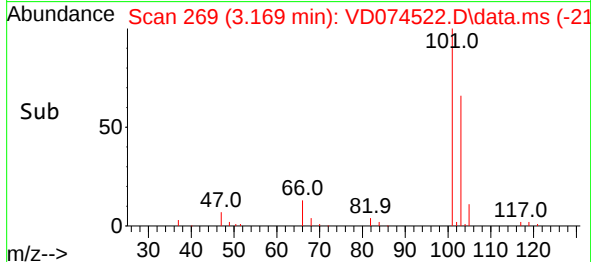
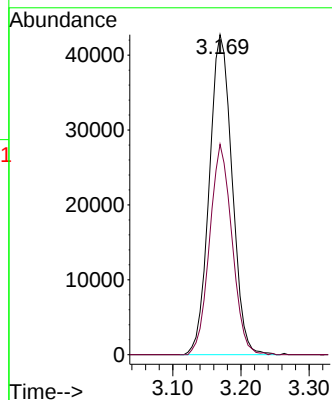
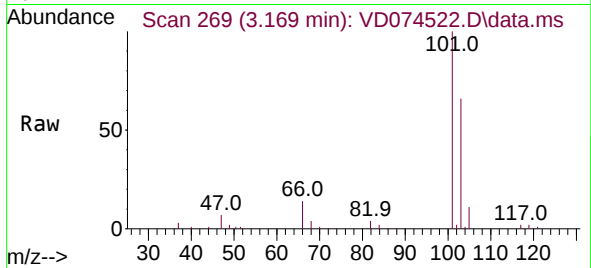




#7
 Trichlorofluoromethane
 Concen: 50.097 ug/l
 RT: 3.169 min Scan# 269
 Delta R.T. 0.000 min
 Lab File: VD074522.D
 Acq: 13 Oct 2022 10:36

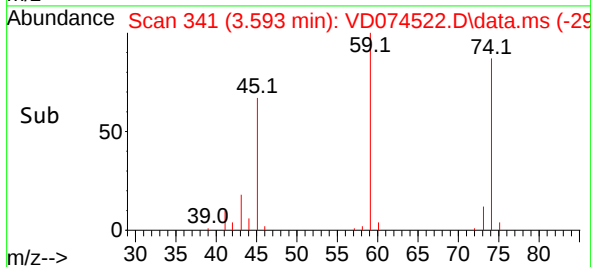
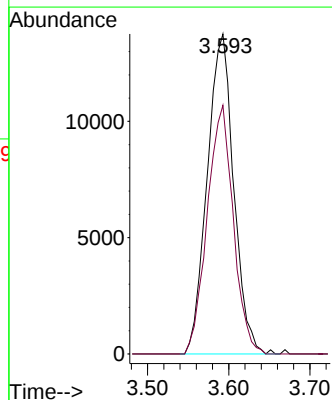
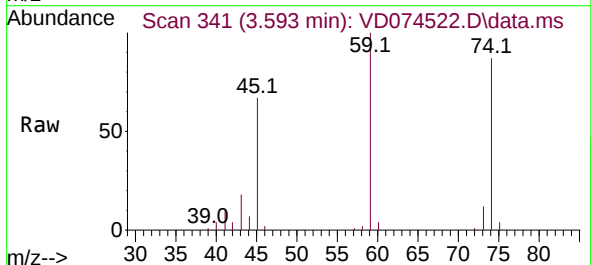
Instrument :
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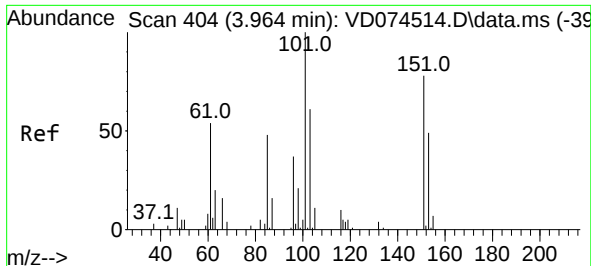
Tgt Ion:101 Resp: 99375
 Ion Ratio Lower Upper
 101 100
 103 65.7 49.8 74.8



#8
 Diethyl Ether
 Concen: 52.365 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD074522.D
 Acq: 13 Oct 2022 10:36

Tgt Ion: 74 Resp: 31181
 Ion Ratio Lower Upper
 74 100
 45 76.5 37.9 113.6

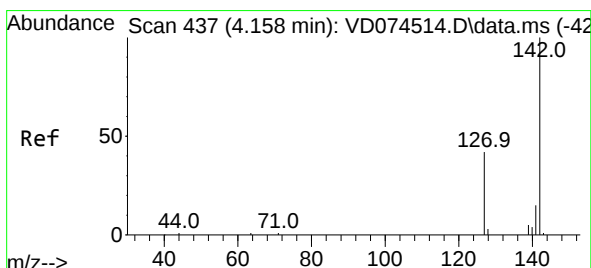
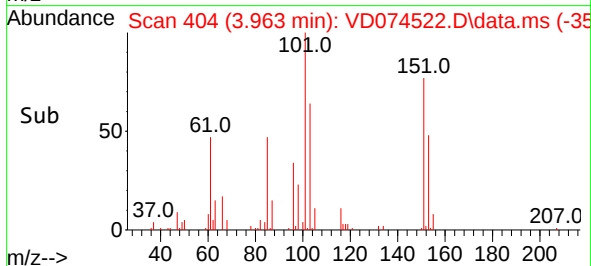
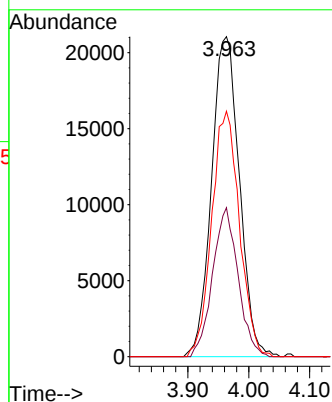
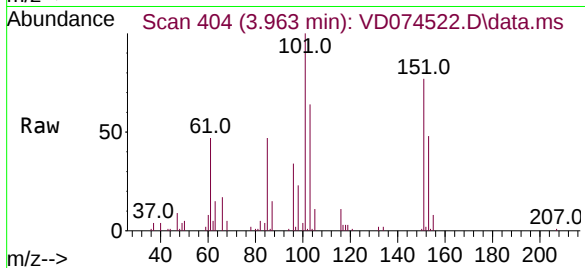




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.265 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

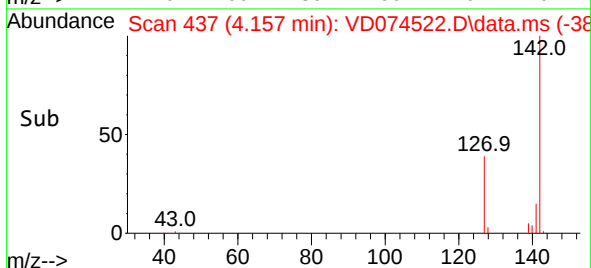
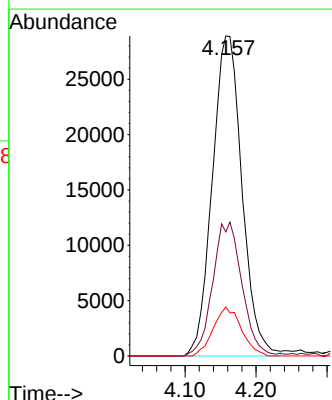
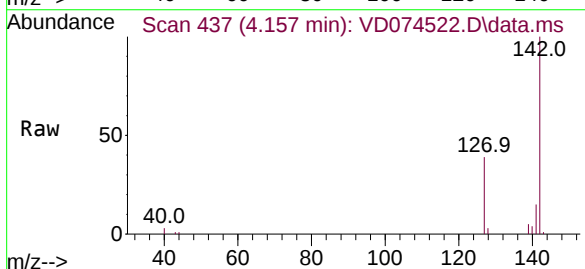
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

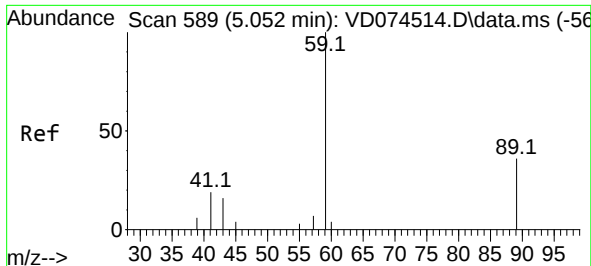
Tgt Ion:101 Resp: 67017
Ion Ratio Lower Upper
101 100
85 42.5 34.1 51.1
151 76.0 61.7 92.5



#10
Methyl Iodide
Concen: 46.899 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.001 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion:142 Resp: 83846
Ion Ratio Lower Upper
142 100
127 41.2 31.9 47.9
141 14.5 11.4 17.2

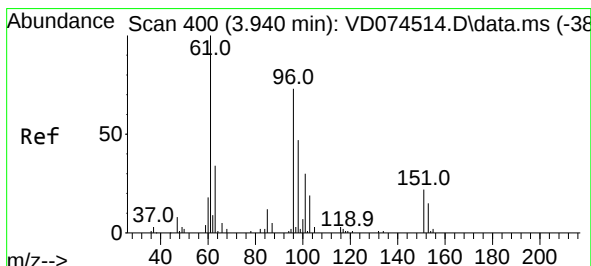
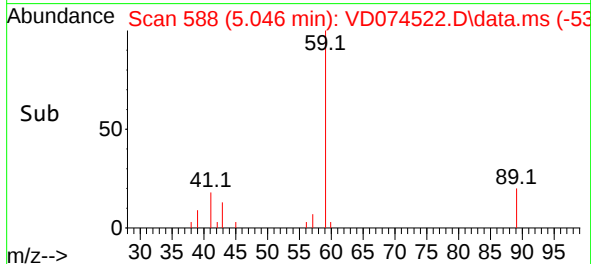
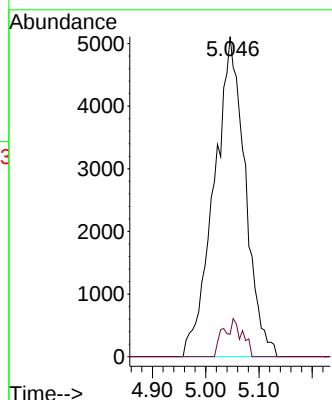
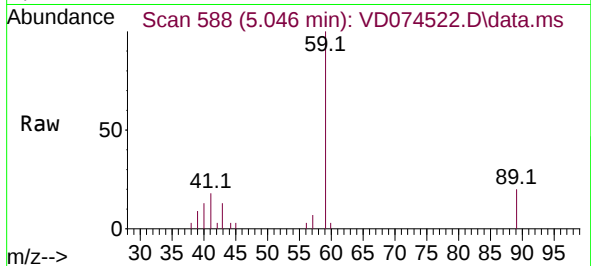




#11
Tert butyl alcohol
Concen: 163.055 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

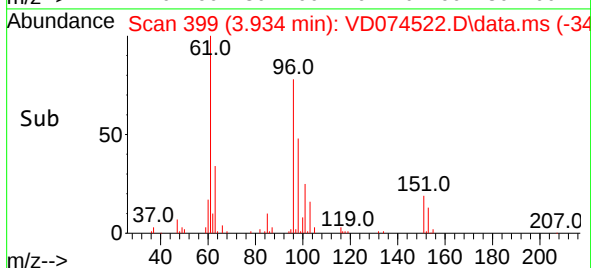
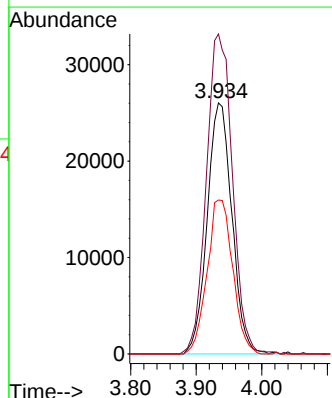
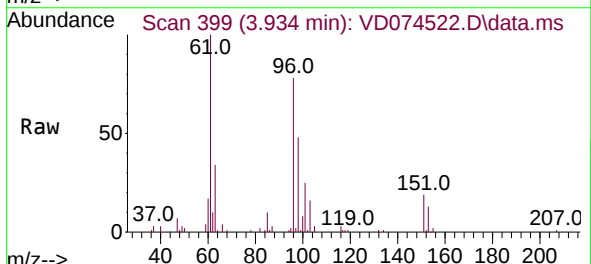
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

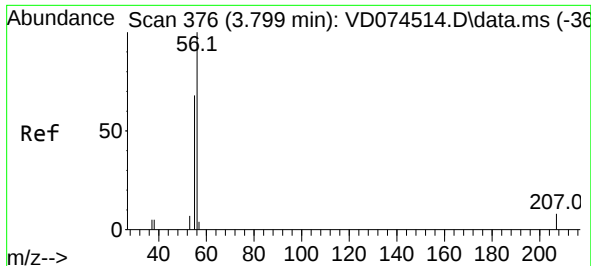
Tgt Ion: 59 Resp: 20749
Ion Ratio Lower Upper
59 100
57 4.0 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 50.230 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 96 Resp: 68214
Ion Ratio Lower Upper
96 100
61 127.5 113.9 170.9
98 61.4 51.8 77.8

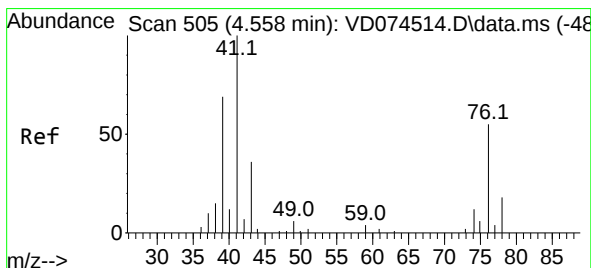
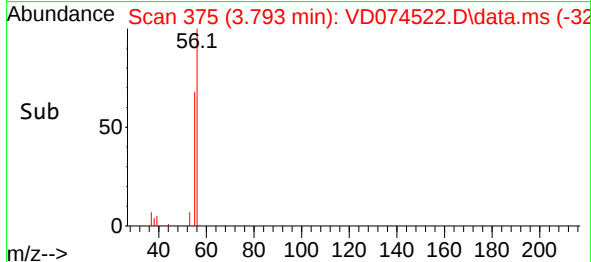
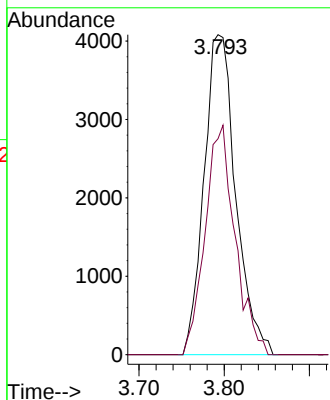
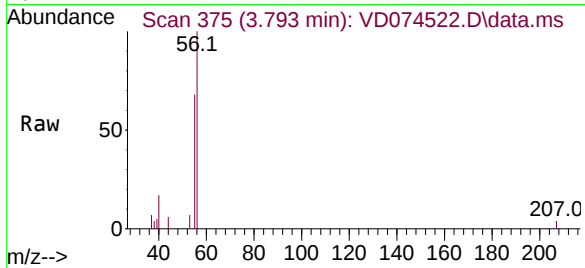




#13
Acrolein
Concen: 230.606 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

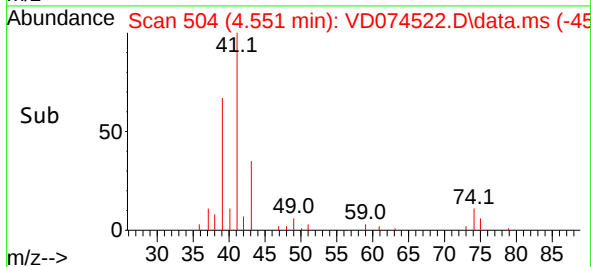
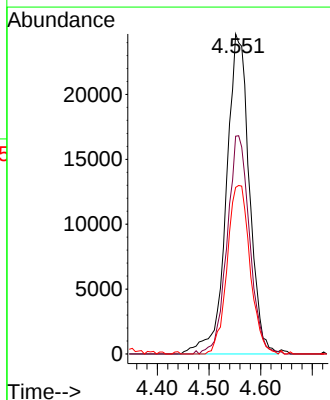
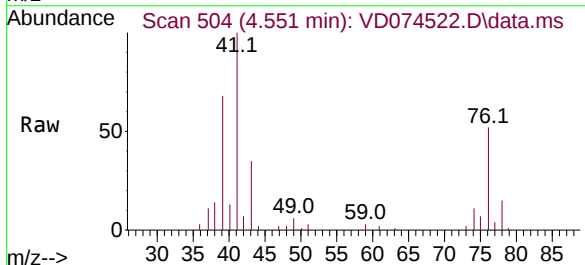
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

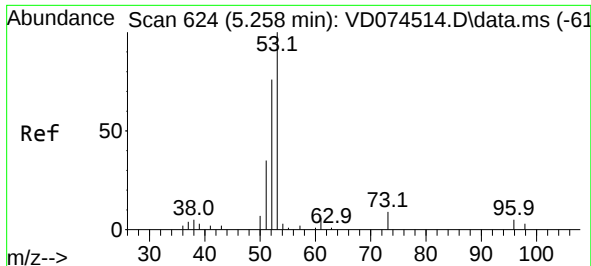
Tgt Ion: 56 Resp: 10563
Ion Ratio Lower Upper
56 100
55 67.6 54.0 81.0



#14
Allyl chloride
Concen: 51.439 ug/l
RT: 4.551 min Scan# 504
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 41 Resp: 76046
Ion Ratio Lower Upper
41 100
39 66.6 53.4 80.2
76 52.4 42.4 63.6

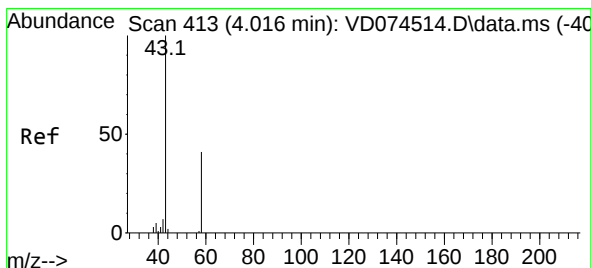
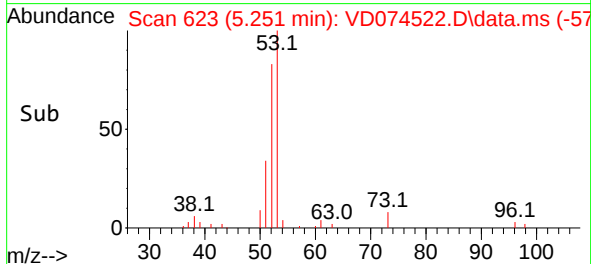
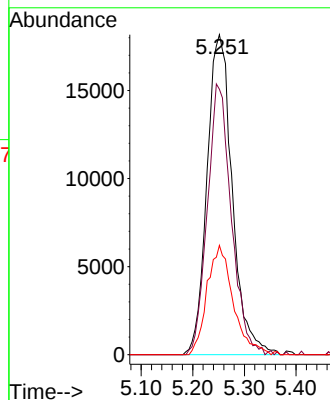
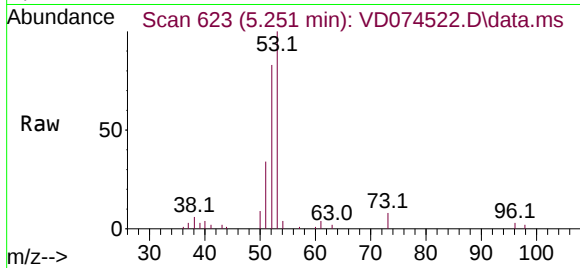




#15
Acrylonitrile
Concen: 260.016 ug/l
RT: 5.251 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

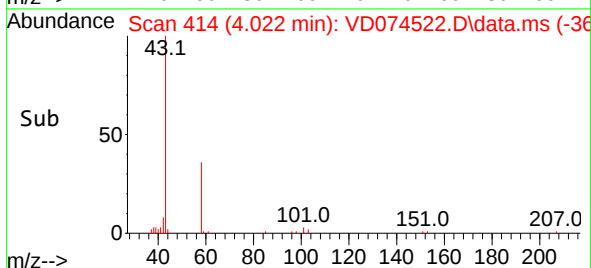
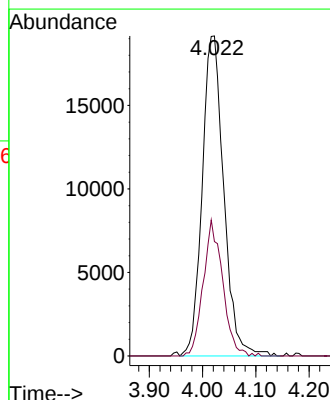
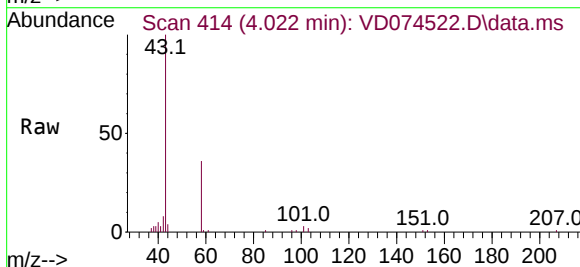
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

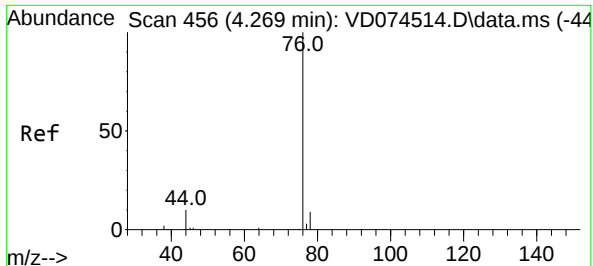
Tgt Ion: 53 Resp: 61633
Ion Ratio Lower Upper
53 100
52 80.2 66.0 99.0
51 35.2 28.3 42.5



#16
Acetone
Concen: 278.589 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 43 Resp: 53865
Ion Ratio Lower Upper
43 100
58 35.8 30.2 45.2

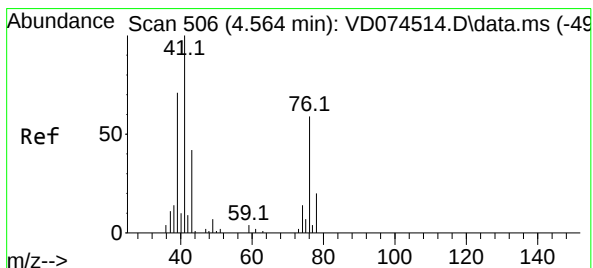
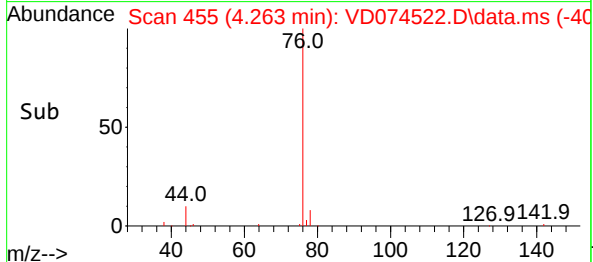
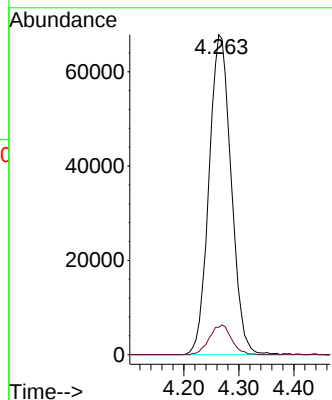
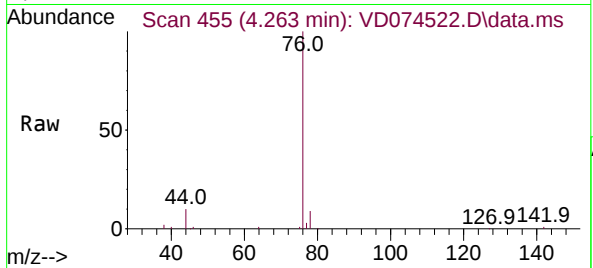




#17
Carbon Disulfide
Concen: 47.335 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

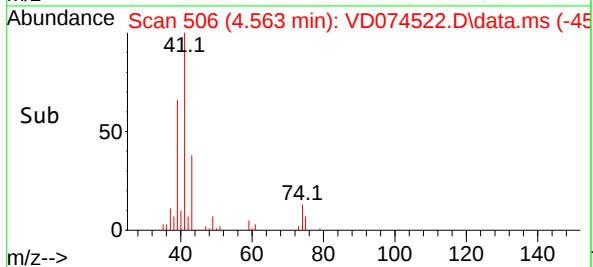
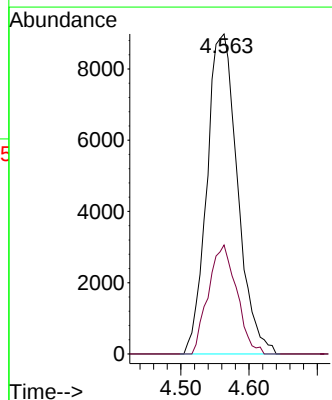
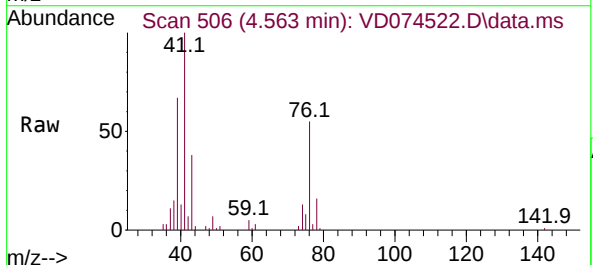
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

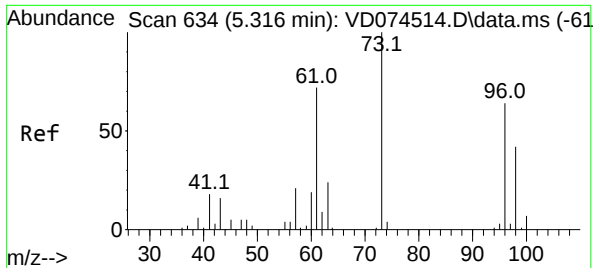
Tgt Ion: 76 Resp: 190061
Ion Ratio Lower Upper
76 100
78 8.6 7.8 11.8



#18
Methyl Acetate
Concen: 45.630 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.005 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 43 Resp: 28074
Ion Ratio Lower Upper
43 100
74 31.5 24.7 37.1

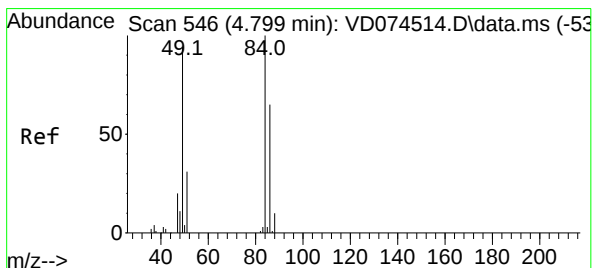
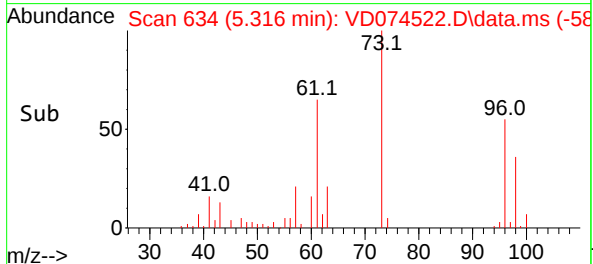
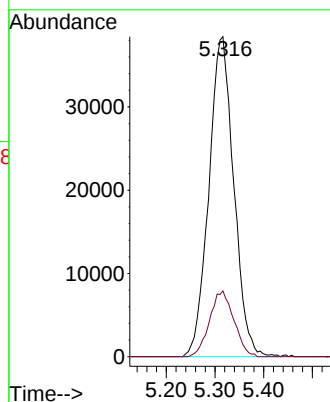
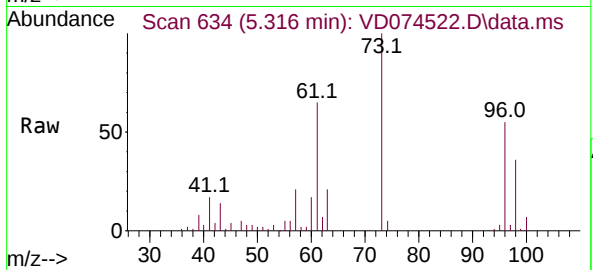




#19
Methyl tert-butyl Ether
Concen: 52.872 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

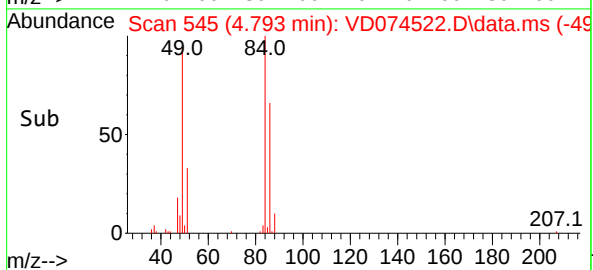
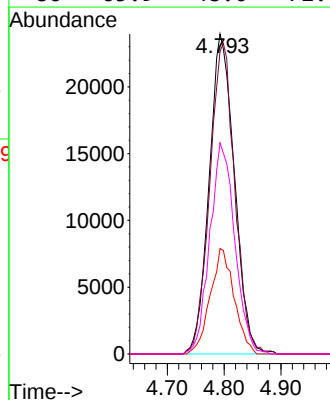
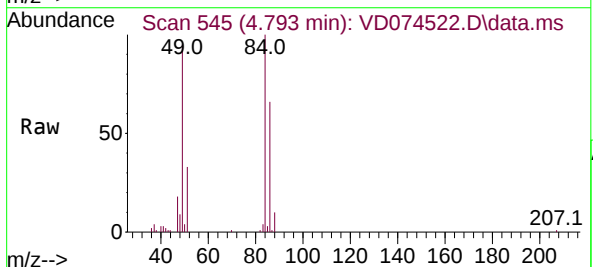
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

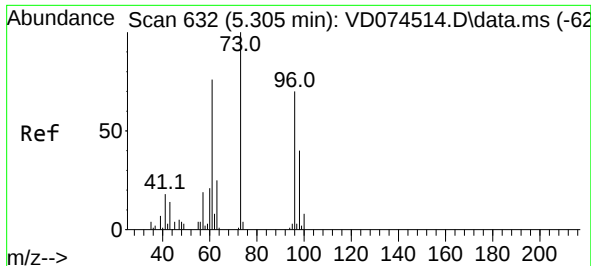
Tgt Ion: 73 Resp: 136636
Ion Ratio Lower Upper
73 100
57 20.5 16.1 24.1



#20
Methylene Chloride
Concen: 45.271 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 84 Resp: 73758
Ion Ratio Lower Upper
84 100
49 94.6 68.0 102.0
51 33.0 23.2 34.8
86 65.9 48.0 72.0

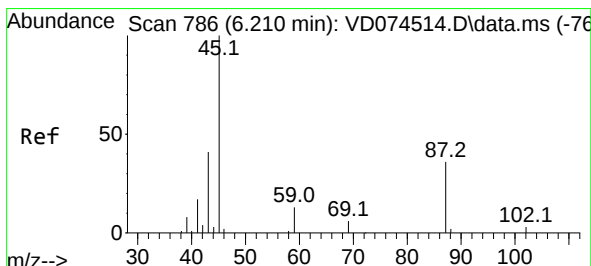
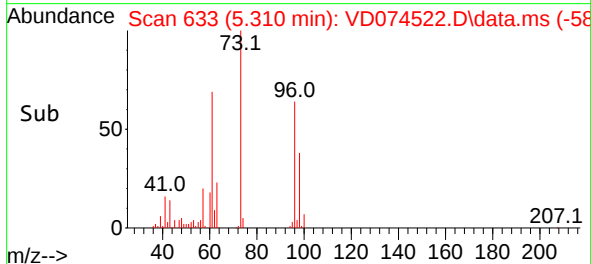
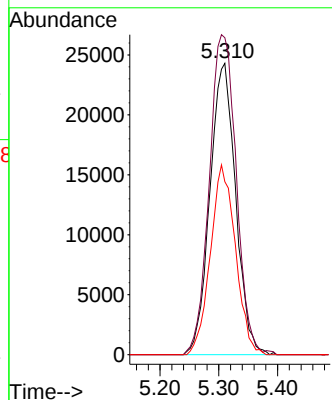
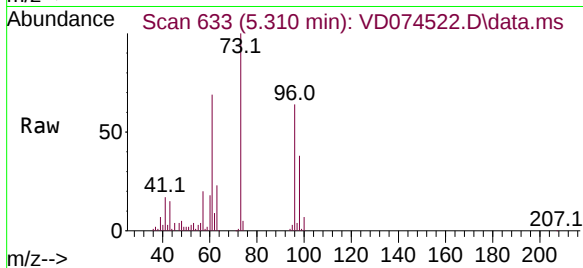




#21
trans-1,2-Dichloroethene
Concen: 50.627 ug/l
RT: 5.310 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

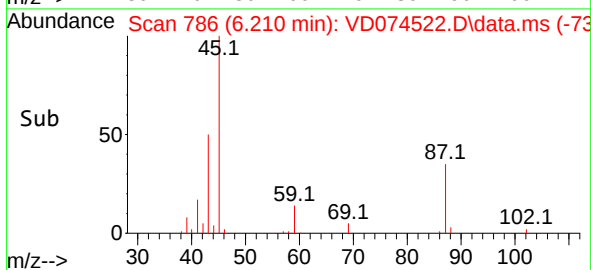
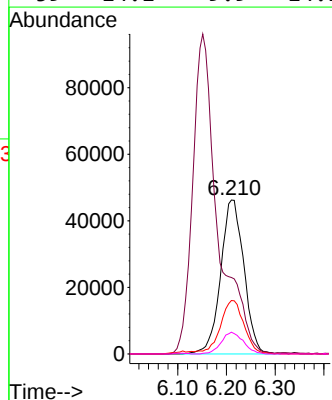
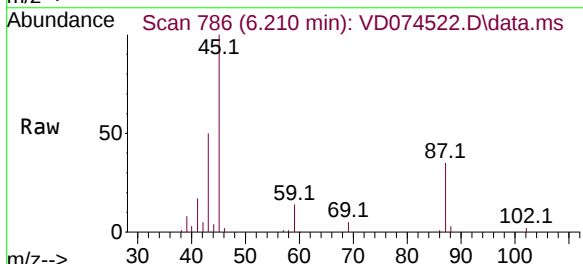
Instrument :
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ClientSampleId :
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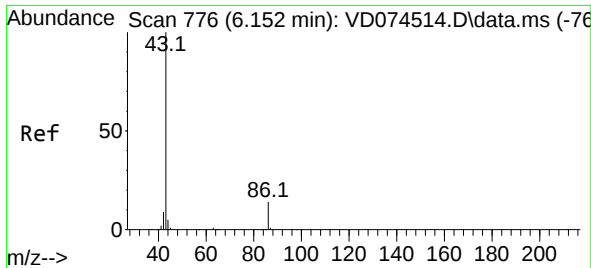
Tgt Ion: 96 Resp: 74054
Ion Ratio Lower Upper
96 100
61 108.8 95.7 143.5
98 59.4 54.8 82.2



#22
Diisopropyl ether
Concen: 51.957 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 45 Resp: 153579
Ion Ratio Lower Upper
45 100
43 48.9 37.8 56.6
87 34.7 26.6 40.0
59 14.1 9.9 14.9

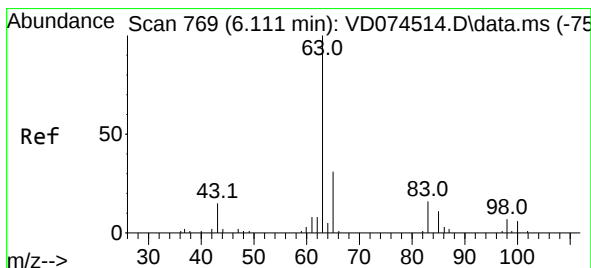
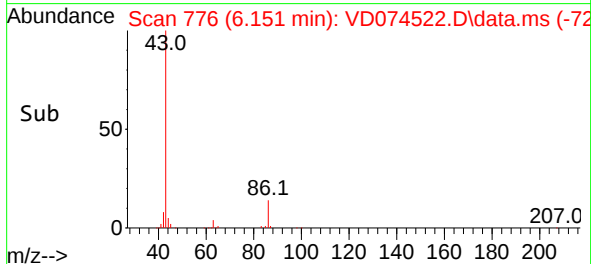
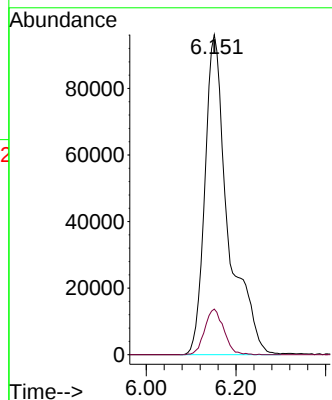
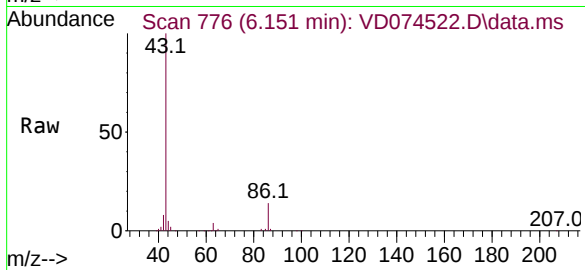




#23
 Vinyl Acetate
 Concen: 269.232 ug/l
 RT: 6.151 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: VD074522.D
 Acq: 13 Oct 2022 10:36

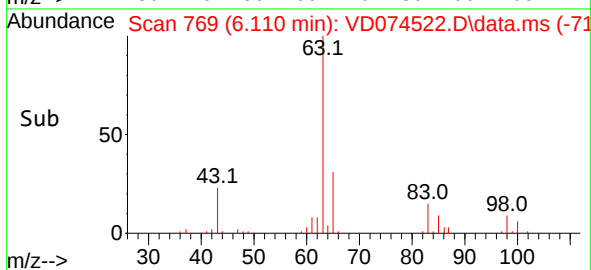
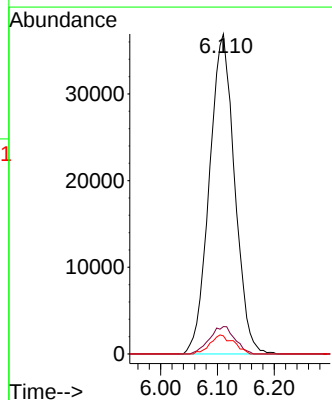
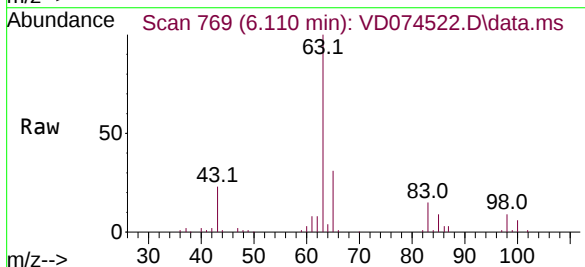
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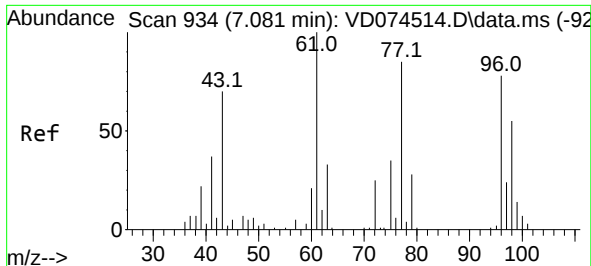
Tgt Ion: 43 Resp: 345499
 Ion Ratio Lower Upper
 43 100
 86 14.3 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 49.770 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.005 min
 Lab File: VD074522.D
 Acq: 13 Oct 2022 10:36

Tgt Ion: 63 Resp: 113880
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.6 13.8
 100 5.6 2.9 8.6

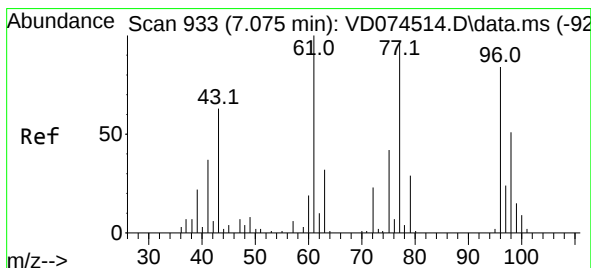
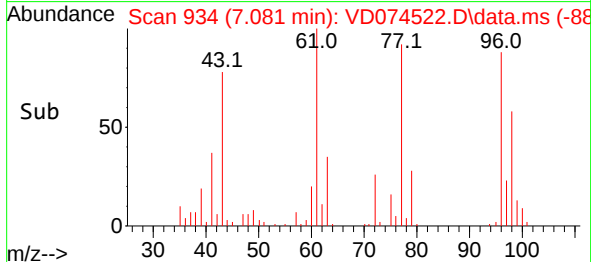
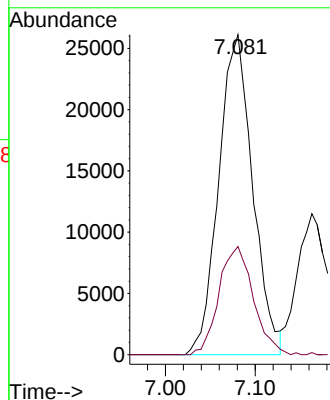
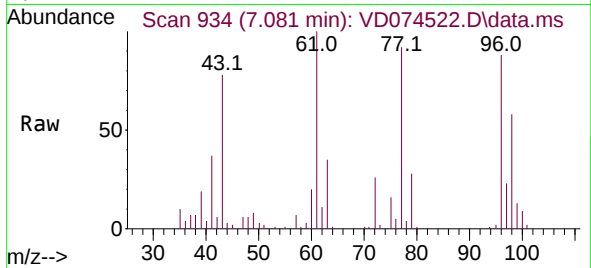




#25
2-Butanone
Concen: 257.258 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

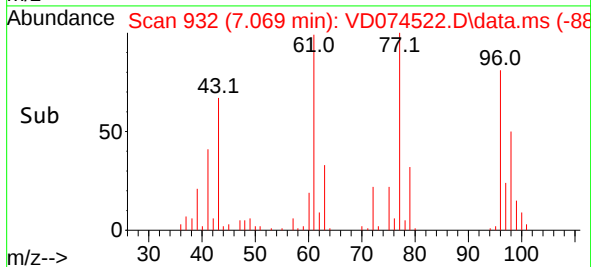
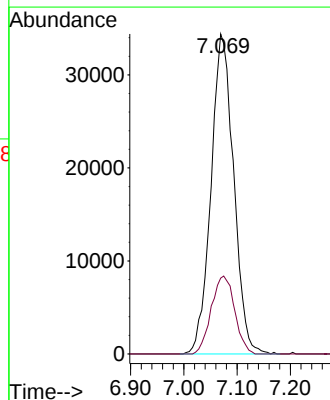
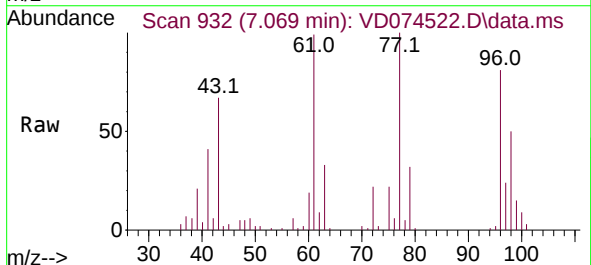
Instrument :
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ClientSampleId :
VSTDCCC050

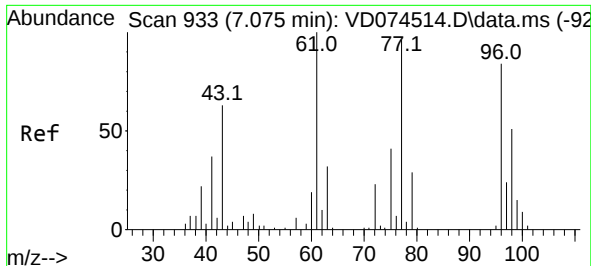
Tgt Ion: 43 Resp: 68663
Ion Ratio Lower Upper
43 100
72 33.8 25.8 38.8



#26
2,2-Dichloropropane
Concen: 50.503 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 77 Resp: 101721
Ion Ratio Lower Upper
77 100
97 25.1 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 51.978 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

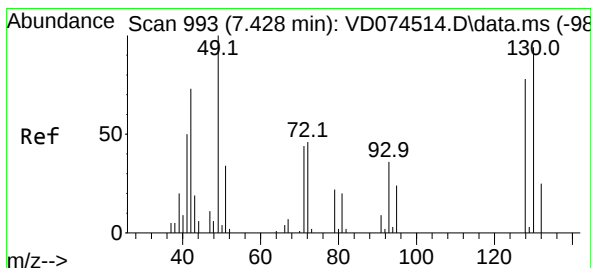
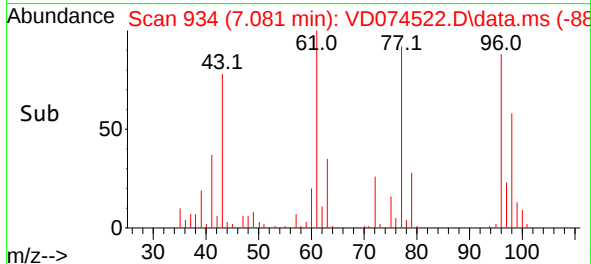
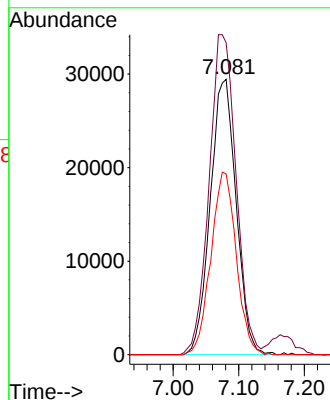
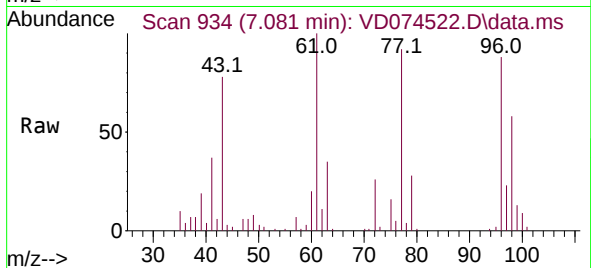
Tgt Ion: 96 Resp: 80980

Ion Ratio Lower Upper

96 100

61 120.5 0.0 242.4

98 64.7 0.0 130.0



#28

Bromochloromethane

Concen: 51.103 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

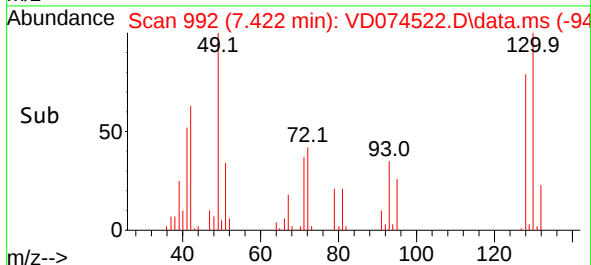
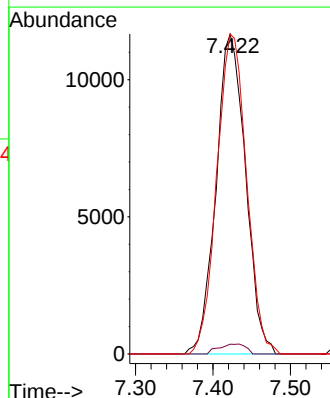
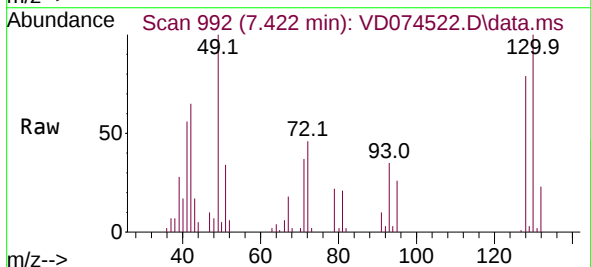
Tgt Ion: 49 Resp: 30874

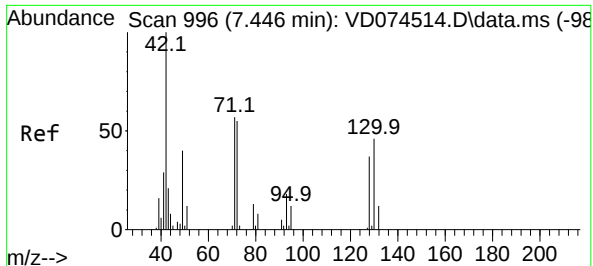
Ion Ratio Lower Upper

49 100

129 2.8 0.0 5.0

130 100.8 84.1 126.1





#29

Tetrahydrofuran

Concen: 271.289 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

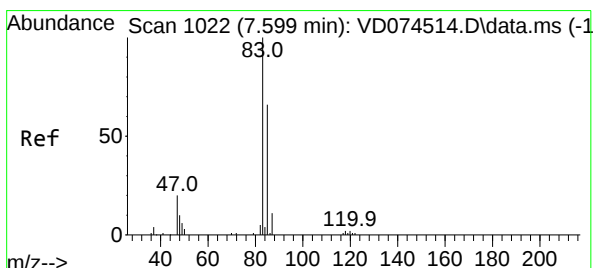
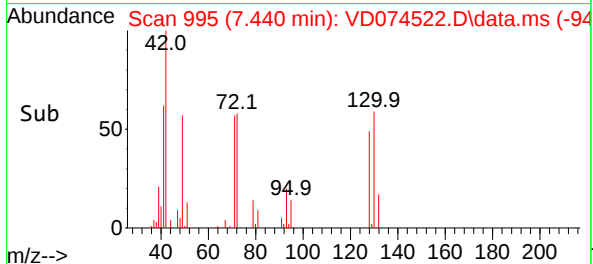
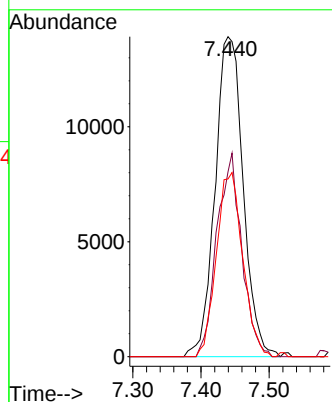
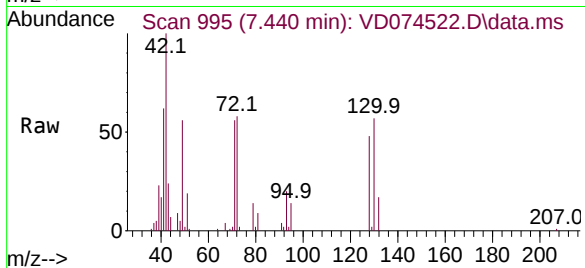
Tgt Ion: 42 Resp: 39931

Ion Ratio Lower Upper

42 100

72 56.3 45.8 68.6

71 53.9 44.6 66.8



#30

Chloroform

Concen: 52.747 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD074522.D

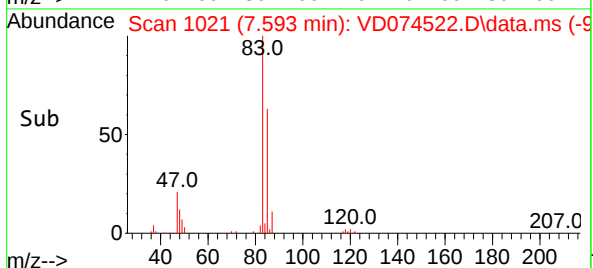
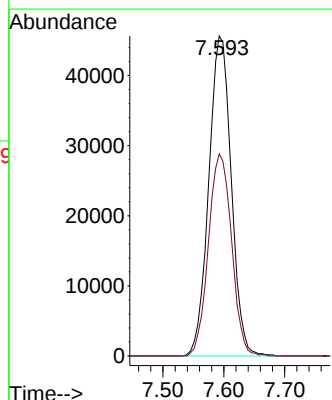
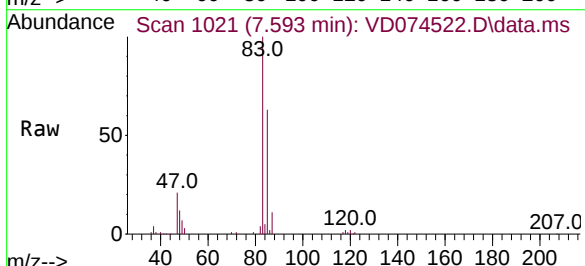
Acq: 13 Oct 2022 10:36

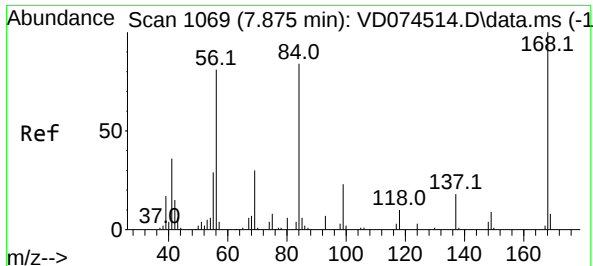
Tgt Ion: 83 Resp: 116938

Ion Ratio Lower Upper

83 100

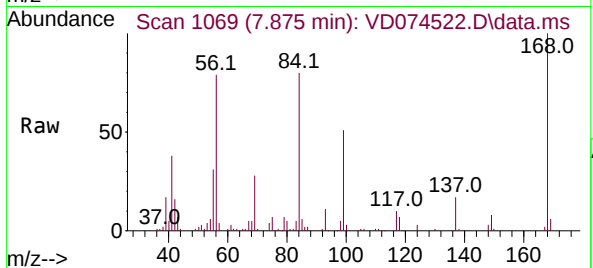
85 63.1 52.0 78.0



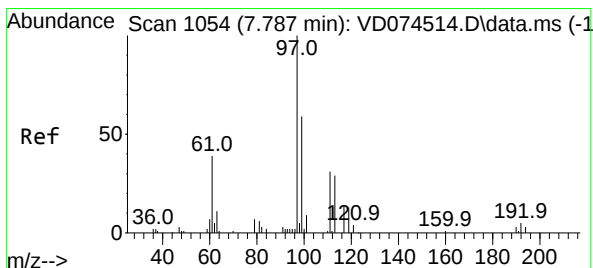
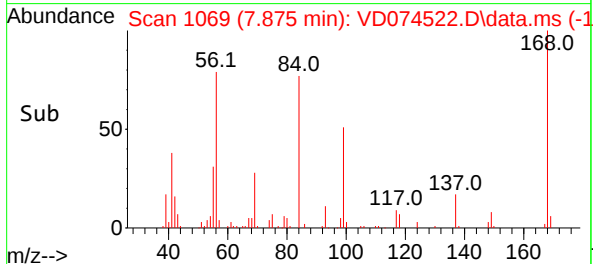
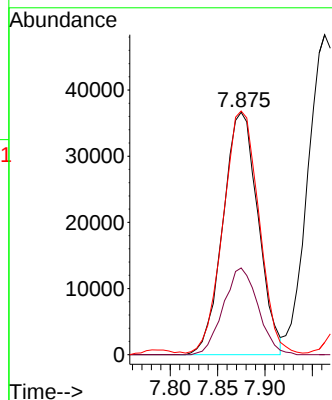


#31
Cyclohexane
Concen: 49.497 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

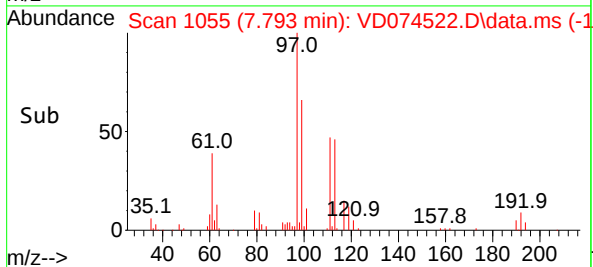
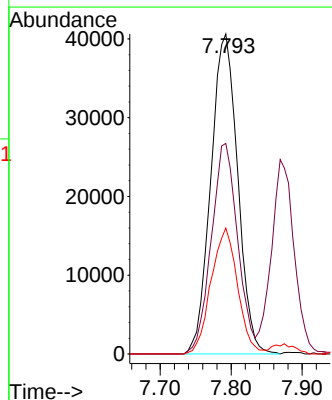
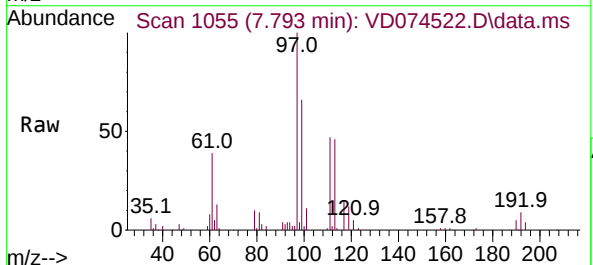


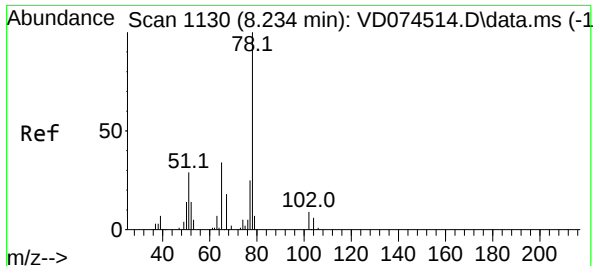
Tgt Ion: 56 Resp: 94397
Ion Ratio Lower Upper
56 100
69 35.8 29.2 43.8
84 99.4 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 53.178 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 97 Resp: 106755
Ion Ratio Lower Upper
97 100
99 64.6 53.3 79.9
61 38.7 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 54.001 ug/l

RT: 8.228 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

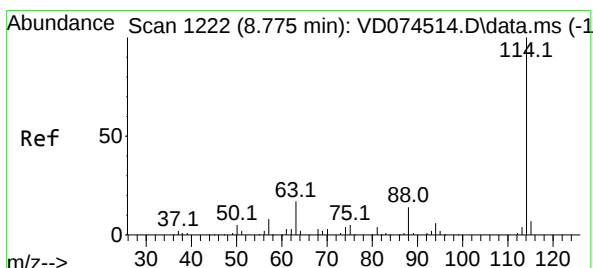
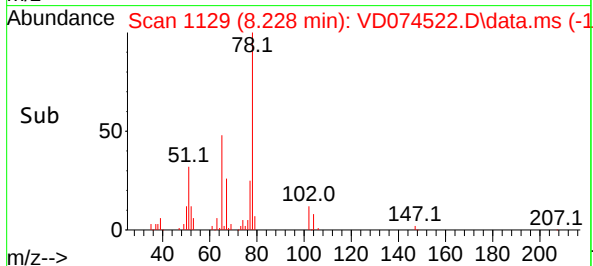
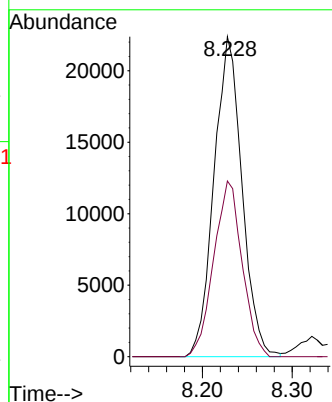
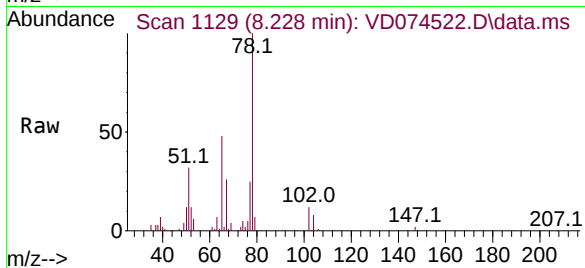
VSTDCCC050

Tgt Ion: 65 Resp: 48404

Ion Ratio Lower Upper

65 100

67 55.6 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

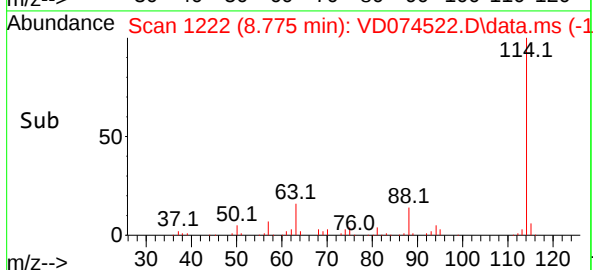
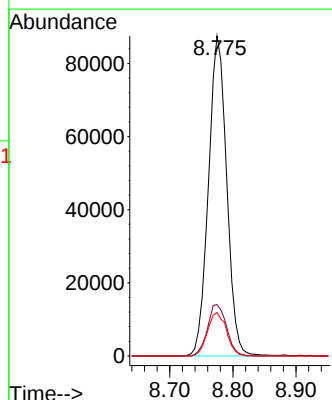
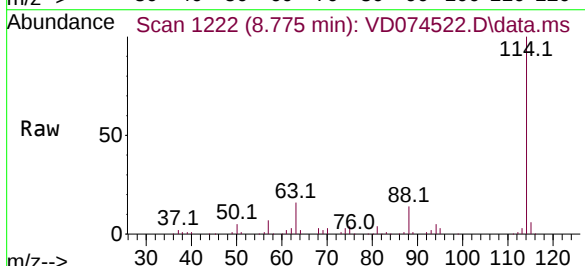
Tgt Ion: 114 Resp: 175574

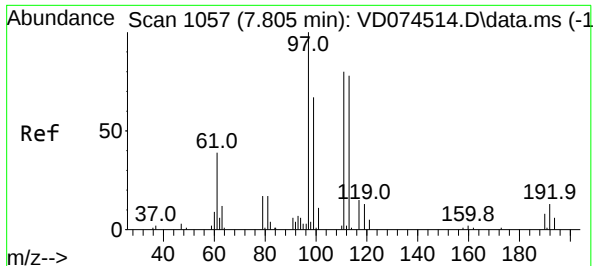
Ion Ratio Lower Upper

114 100

63 16.0 0.0 33.2

88 13.5 0.0 28.2





#35

Dibromofluoromethane

Concen: 54.692 ug/l

RT: 7.804 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

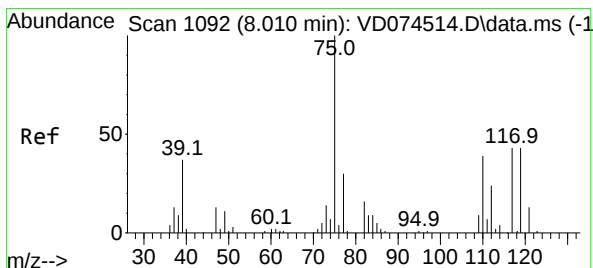
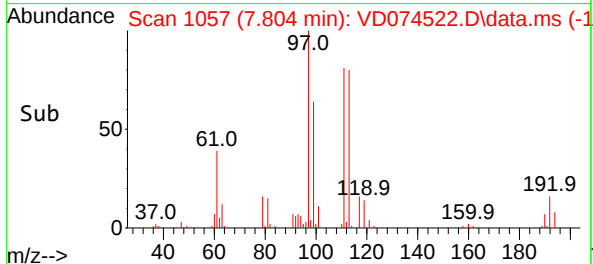
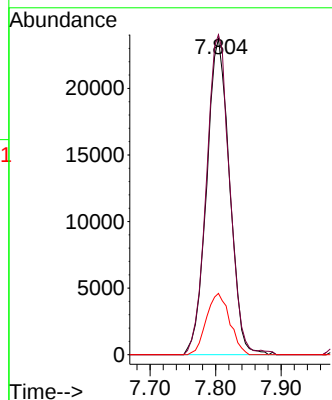
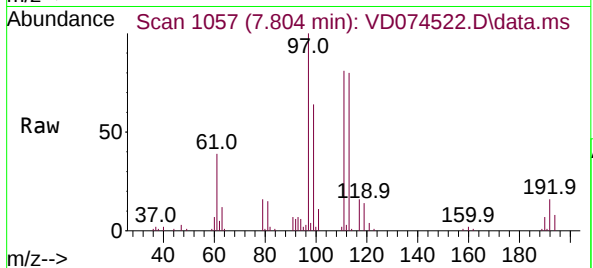
Tgt Ion:113 Resp: 57568

Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

192 19.8 16.4 24.6



#36

1,1-Dichloropropene

Concen: 53.978 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

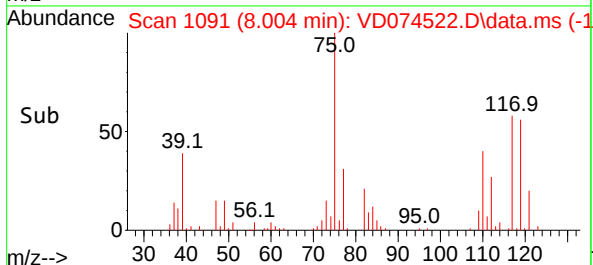
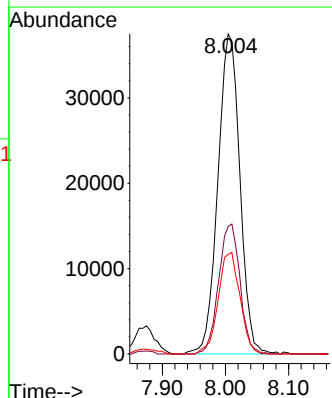
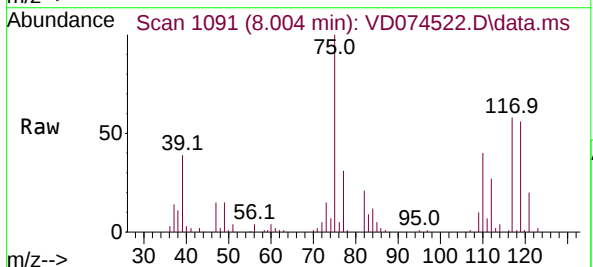
Tgt Ion: 75 Resp: 90954

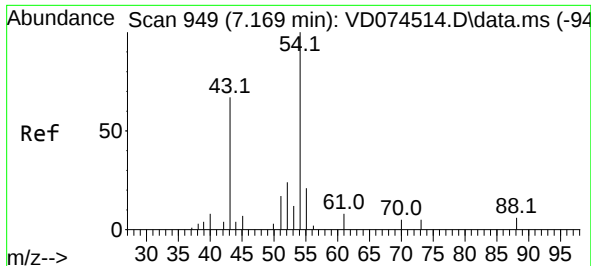
Ion Ratio Lower Upper

75 100

110 39.3 19.7 59.0

77 31.4 25.4 38.2





#37

Ethyl Acetate

Concen: 53.612 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

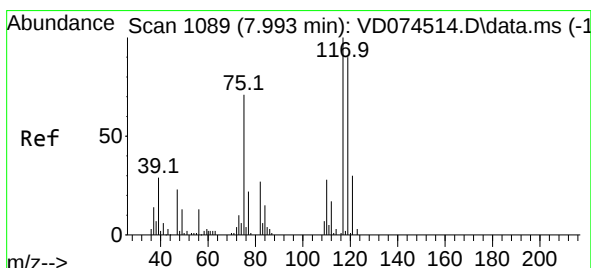
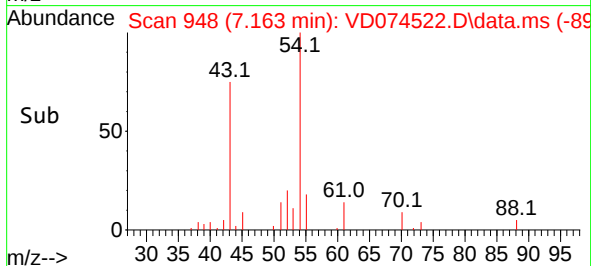
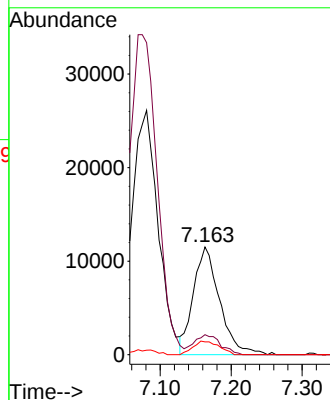
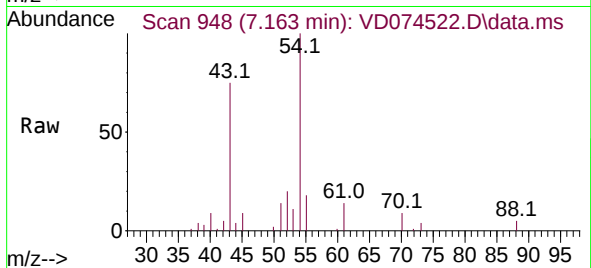
Tgt Ion: 43 Resp: 29650

Ion Ratio Lower Upper

43 100

61 18.6 12.2 18.4#

70 12.4 9.6 14.4



#38

Carbon Tetrachloride

Concen: 56.425 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

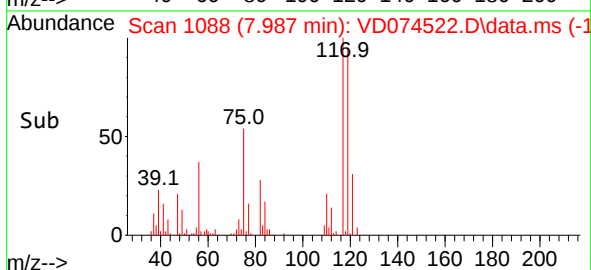
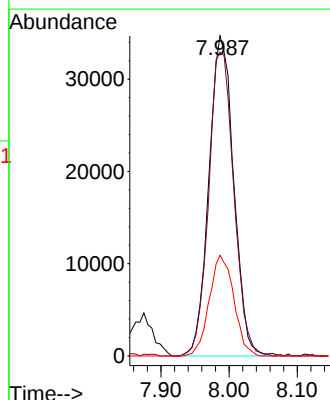
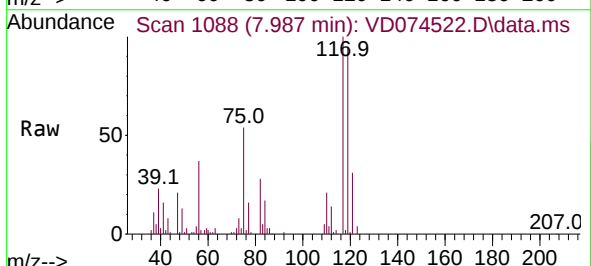
Tgt Ion: 117 Resp: 87909

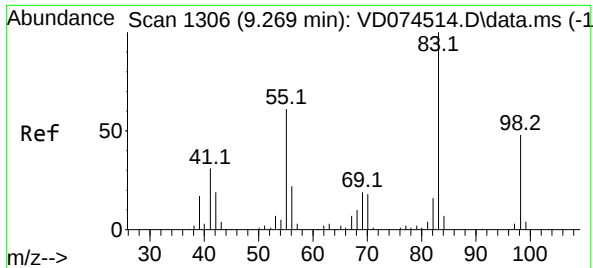
Ion Ratio Lower Upper

117 100

119 94.9 73.1 109.7

121 31.5 25.0 37.6





#39

Methylcyclohexane

Concen: 54.661 ug/l

RT: 9.269 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

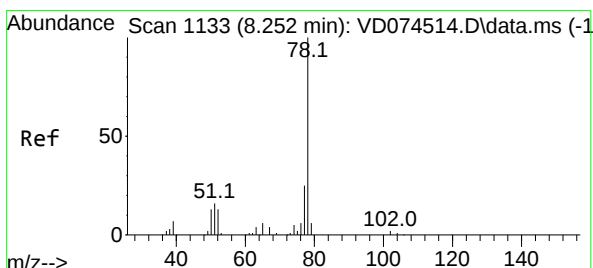
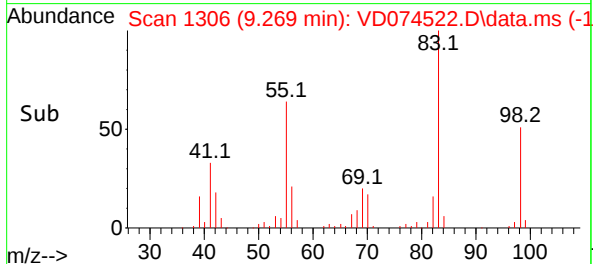
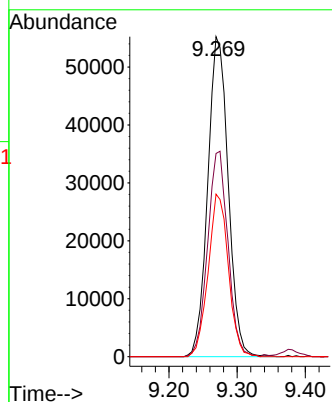
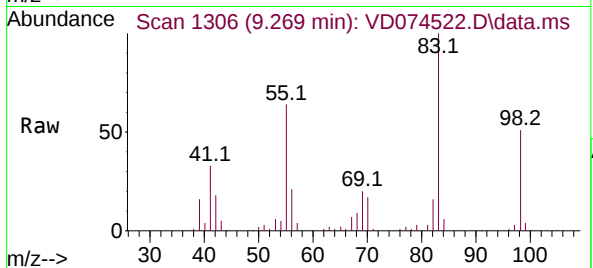
Tgt Ion: 83 Resp: 115283

Ion Ratio Lower Upper

83 100

55 63.5 49.0 73.4

98 50.8 41.7 62.5



#40

Benzene

Concen: 53.605 ug/l

RT: 8.245 min Scan# 1132

Delta R.T. -0.007 min

Lab File: VD074522.D

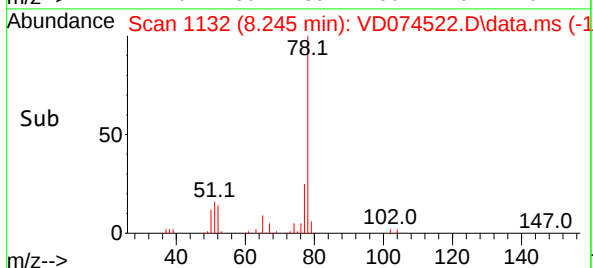
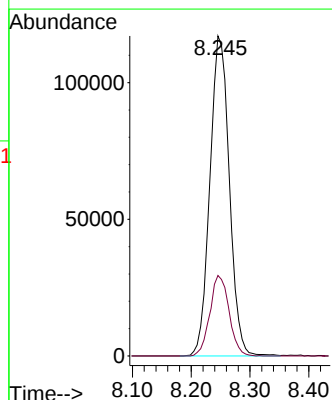
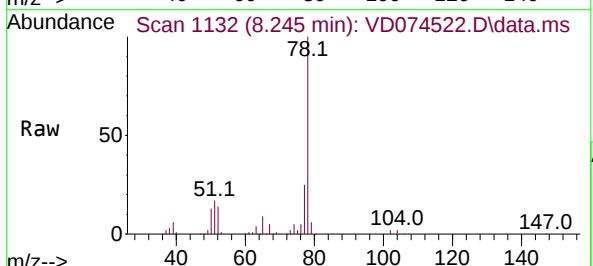
Acq: 13 Oct 2022 10:36

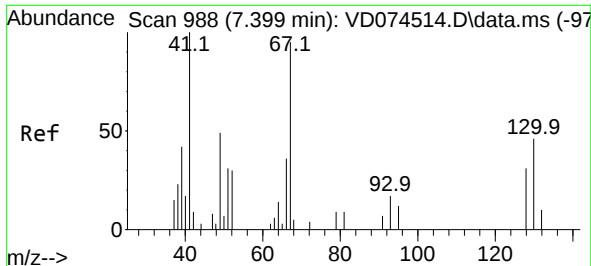
Tgt Ion: 78 Resp: 268835

Ion Ratio Lower Upper

78 100

77 25.2 20.1 30.1

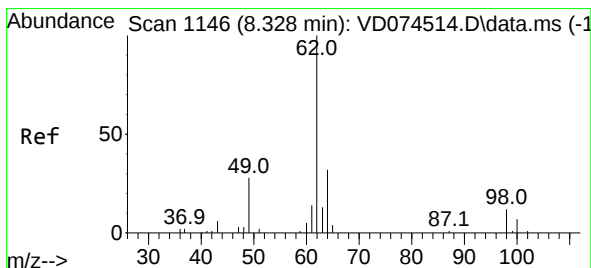
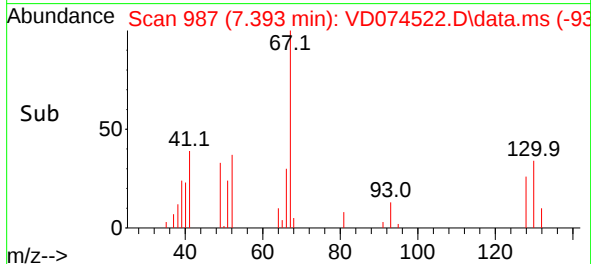
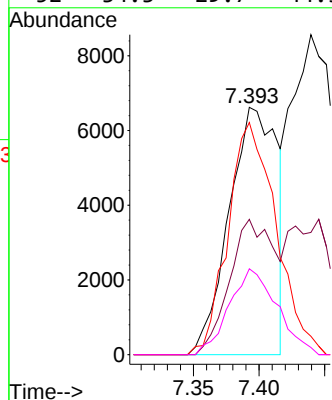
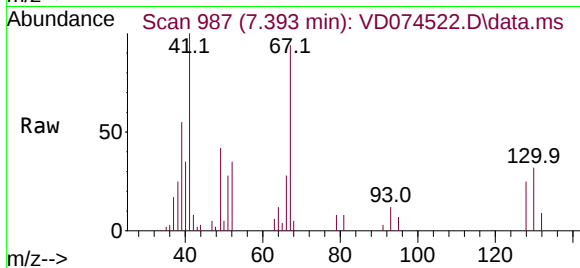




#41
Methacrylonitrile
Concen: 53.429 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.011 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

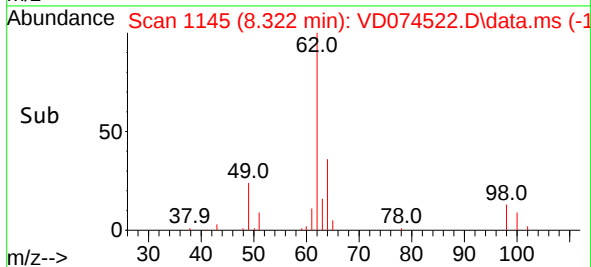
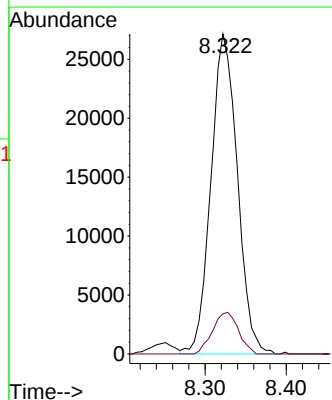
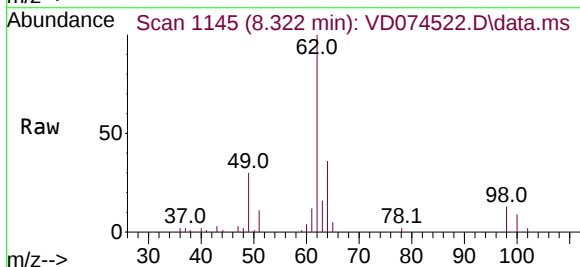
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

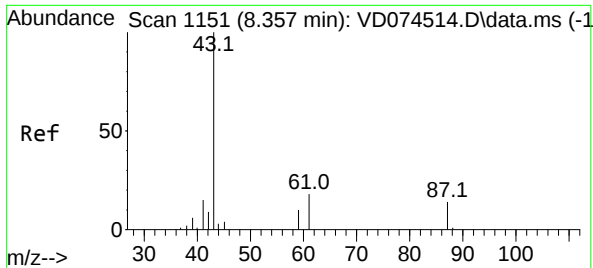
Tgt Ion:	41	Resp:	16954
Ion	Ratio	Lower	Upper
41	100		
39	51.2	35.0	52.6
67	93.6	77.0	115.6
52	34.3	29.7	44.5



#42
1,2-Dichloroethane
Concen: 51.769 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion:	62	Resp:	61349
Ion	Ratio	Lower	Upper
62	100		
98	12.8	0.0	24.2

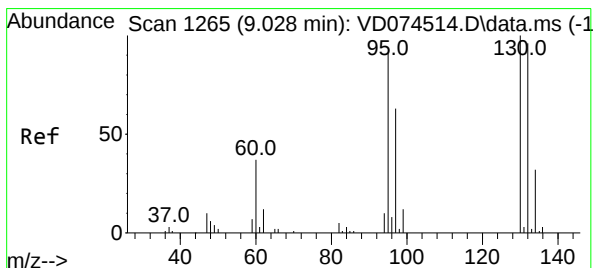
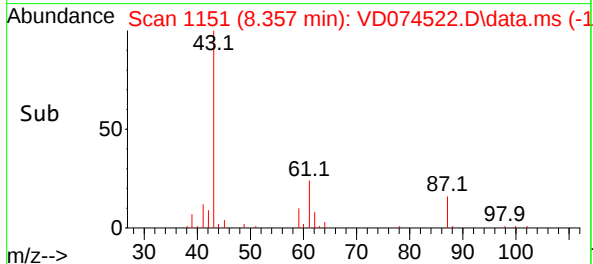
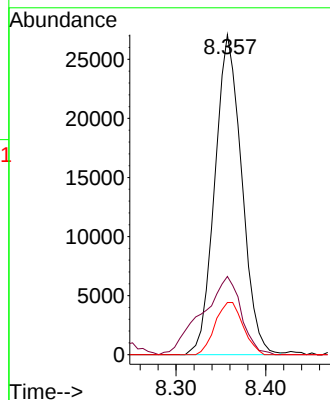
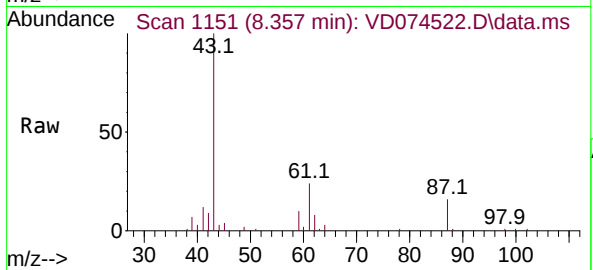




#43
Isopropyl Acetate
Concen: 55.427 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

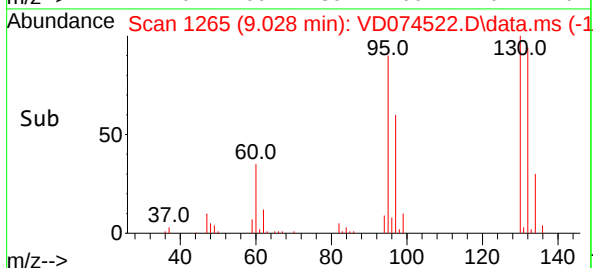
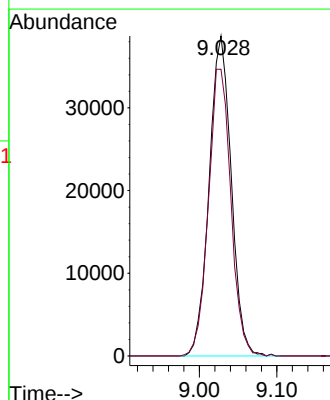
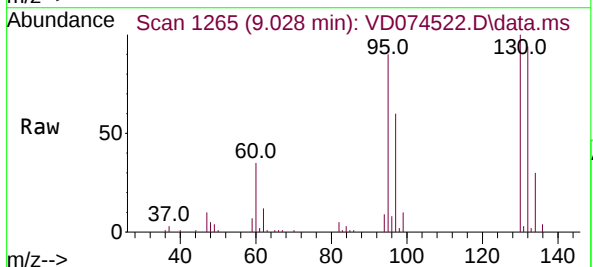
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

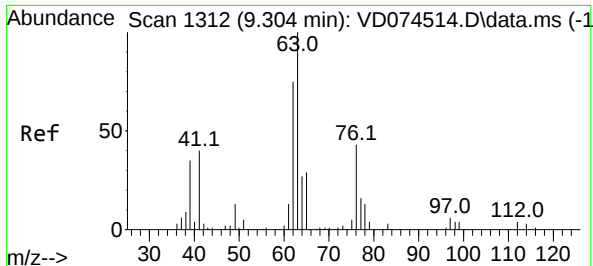
Tgt Ion: 43 Resp: 56322
Ion Ratio Lower Upper
43 100
61 35.5 30.9 46.3
87 16.9 14.3 21.5



#44
Trichloroethene
Concen: 53.416 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion:130 Resp: 76636
Ion Ratio Lower Upper
130 100
95 89.6 0.0 185.4





#45

1,2-Dichloropropane

Concen: 53.490 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

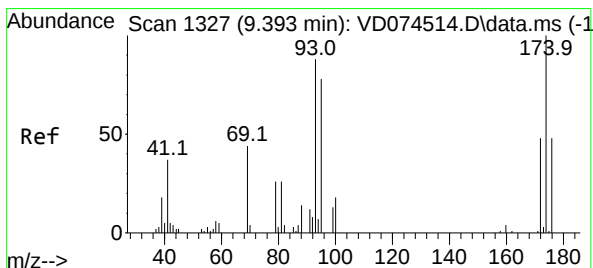
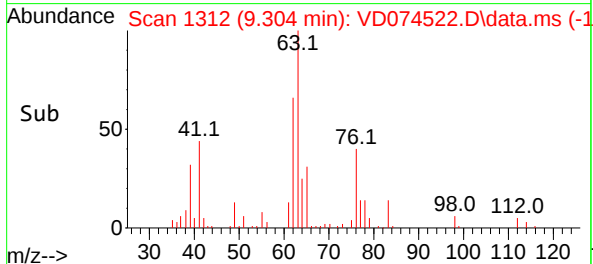
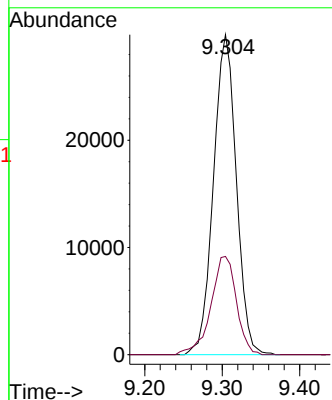
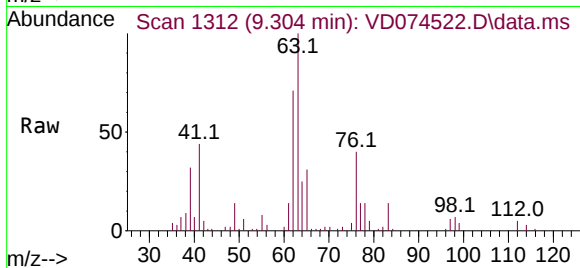
VSTDCCC050

Tgt Ion: 63 Resp: 61116

Ion Ratio Lower Upper

63 100

65 30.7 23.1 34.7



#46

Dibromomethane

Concen: 53.387 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.007 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

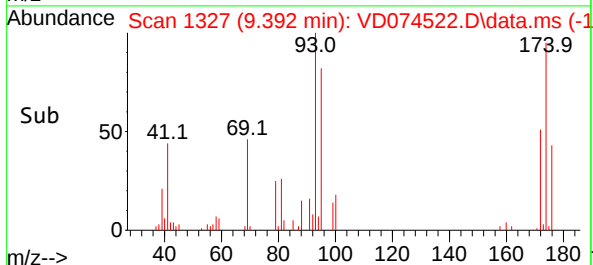
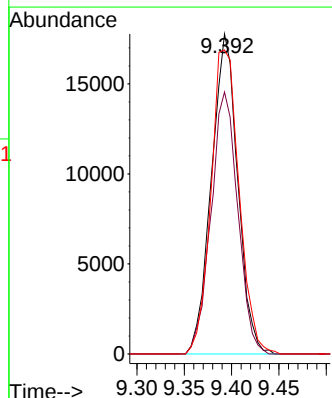
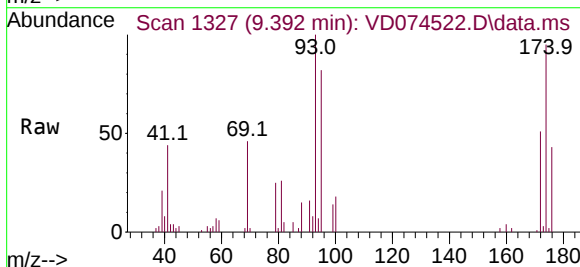
Tgt Ion: 93 Resp: 34274

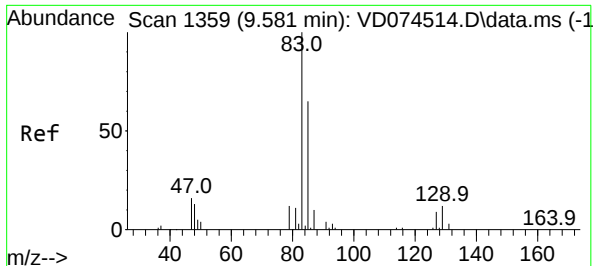
Ion Ratio Lower Upper

93 100

95 83.3 68.2 102.2

174 101.9 87.4 131.0

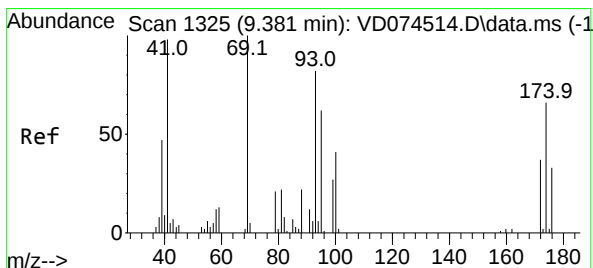
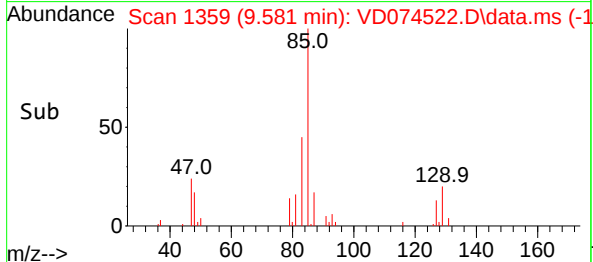
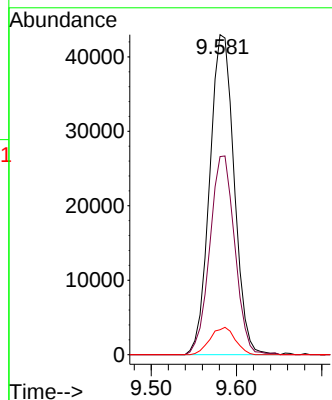
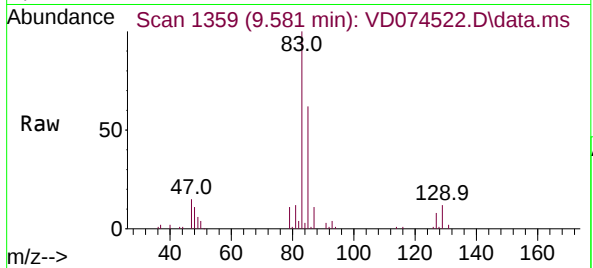




#47
Bromodichloromethane
Concen: 53.995 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

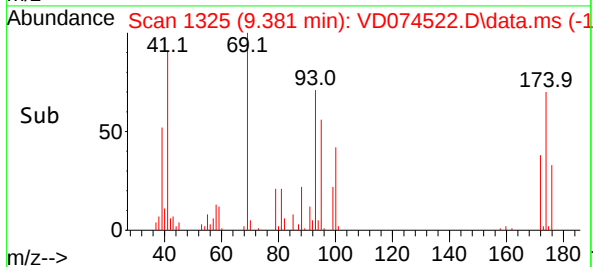
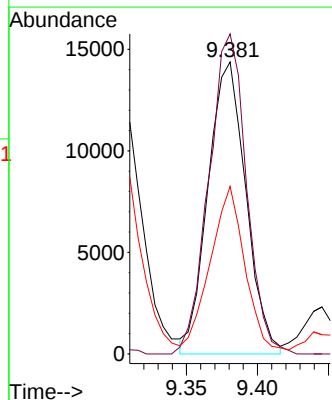
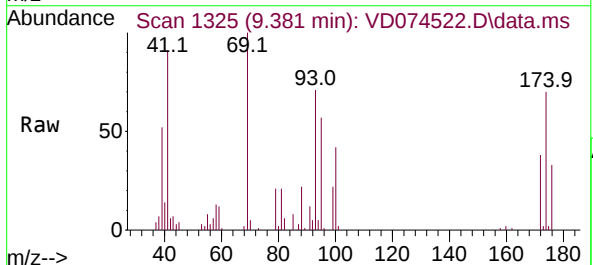
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

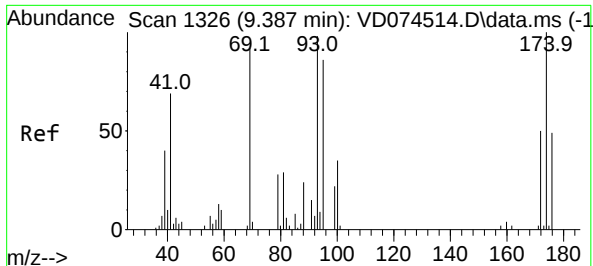
Tgt Ion: 83 Resp: 85687
Ion Ratio Lower Upper
83 100
85 61.9 48.8 73.2
127 7.8 6.7 10.1



#48
Methyl methacrylate
Concen: 54.243 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 41 Resp: 26673
Ion Ratio Lower Upper
41 100
69 108.5 93.0 139.4
39 53.6 44.6 66.8





#49

1,4-Dioxane

Concen: 1160.668 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

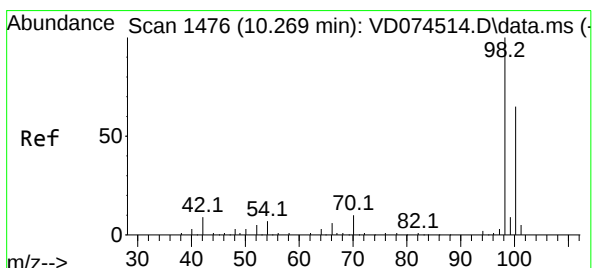
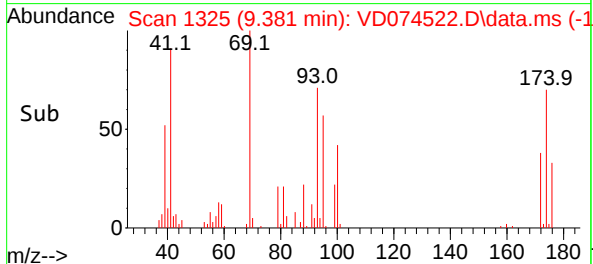
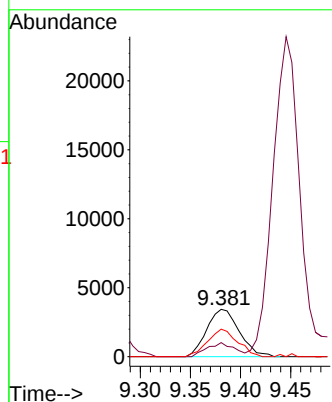
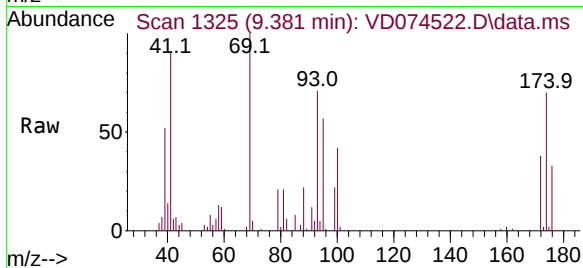
Tgt Ion: 88 Resp: 7741

Ion Ratio Lower Upper

88 100

43 24.8 24.1 36.1

58 53.4 43.1 64.7



#50

Toluene-d8

Concen: 55.582 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD074522.D

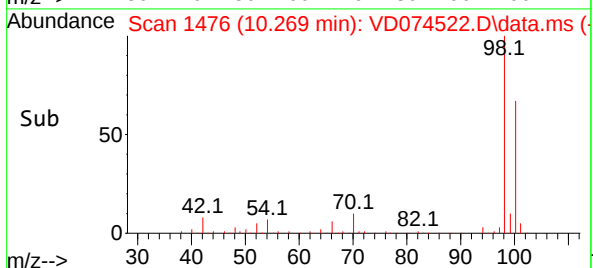
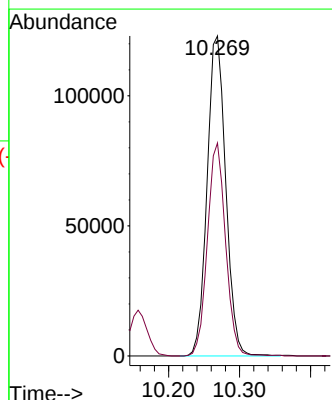
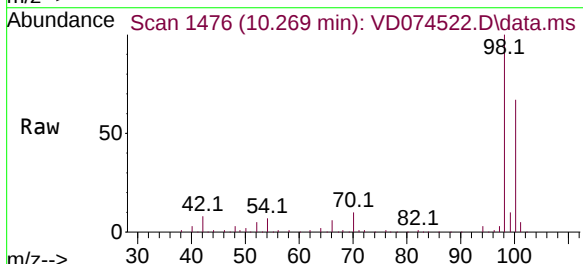
Acq: 13 Oct 2022 10:36

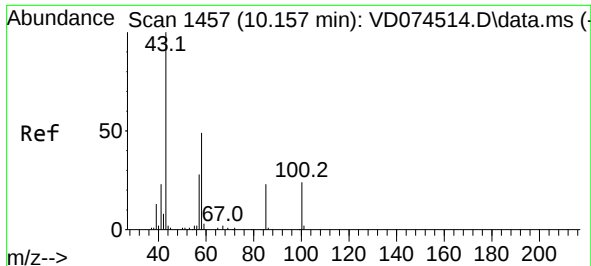
Tgt Ion: 98 Resp: 224205

Ion Ratio Lower Upper

98 100

100 65.0 51.4 77.0

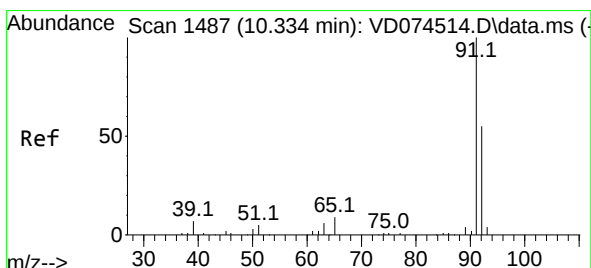
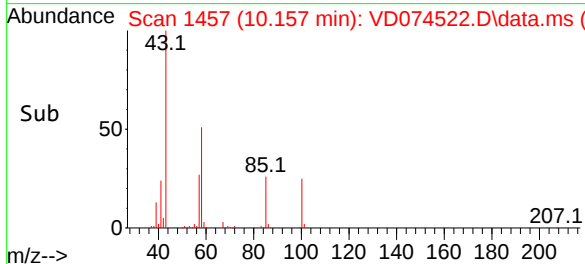
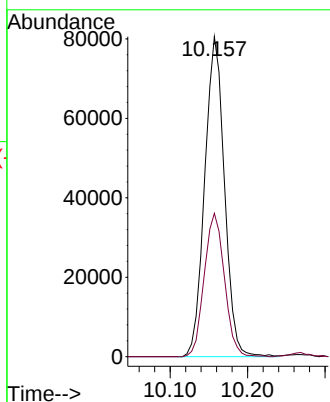
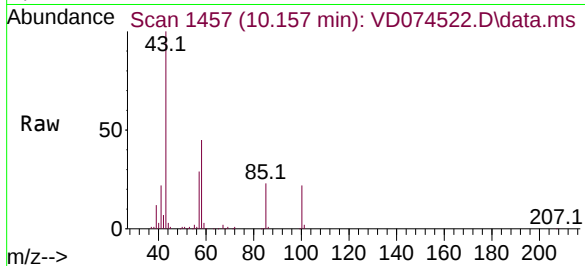




#51
4-Methyl-2-Pentanone
Concen: 283.632 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

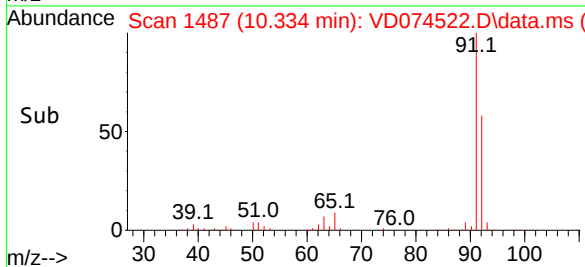
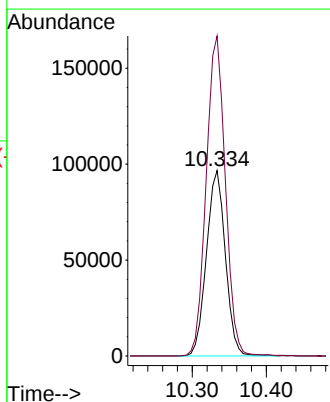
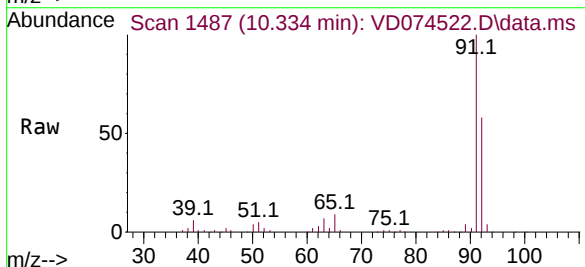
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

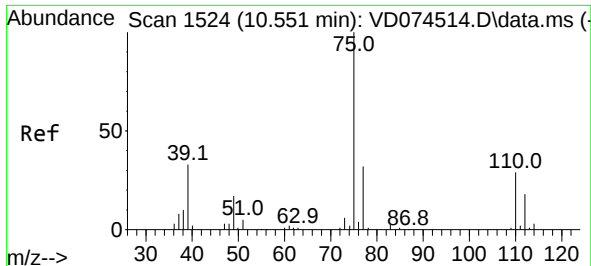
Tgt Ion: 43 Resp: 142582
Ion Ratio Lower Upper
43 100
58 45.8 37.8 56.6



#52
Toluene
Concen: 54.076 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 92 Resp: 171400
Ion Ratio Lower Upper
92 100
91 174.9 139.0 208.4

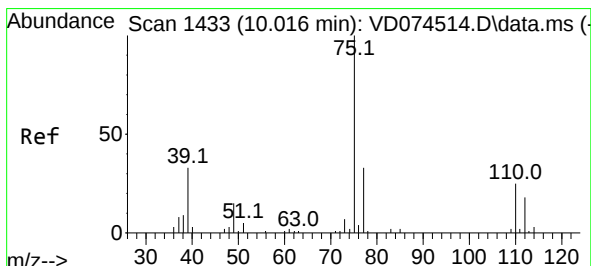
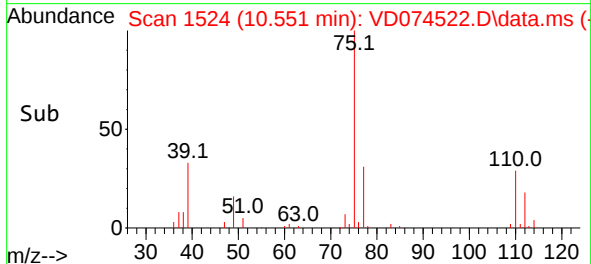
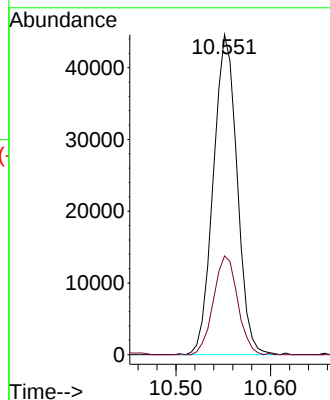
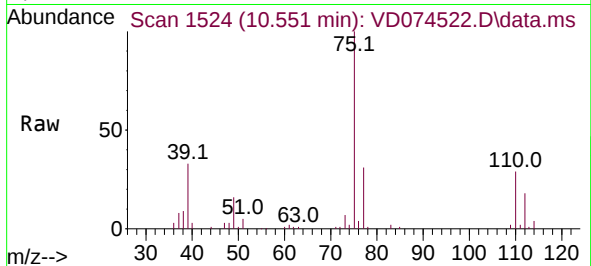




#53
 t-1,3-Dichloropropene
 Concen: 56.256 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD074522.D
 Acq: 13 Oct 2022 10:36

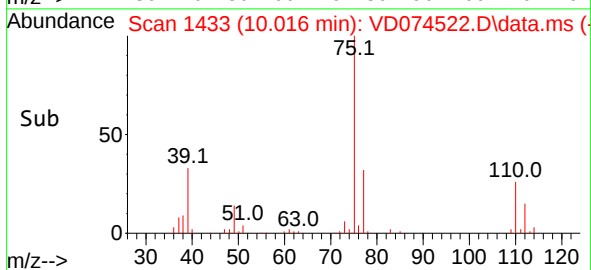
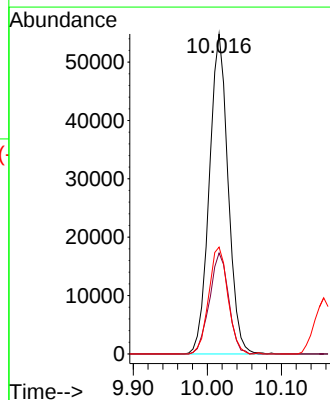
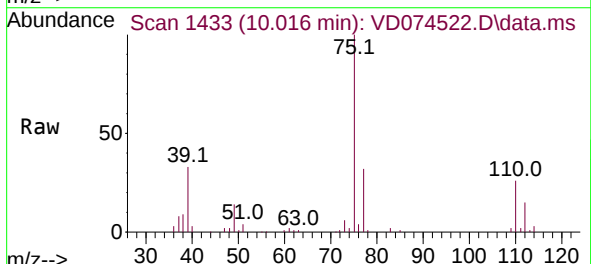
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

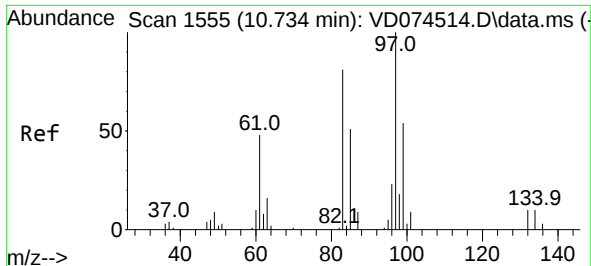
Tgt Ion: 75 Resp: 77836
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.6 38.4



#54
 cis-1,3-Dichloropropene
 Concen: 55.166 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD074522.D
 Acq: 13 Oct 2022 10:36

Tgt Ion: 75 Resp: 96406
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.7 37.1
 39 33.4 25.4 38.2

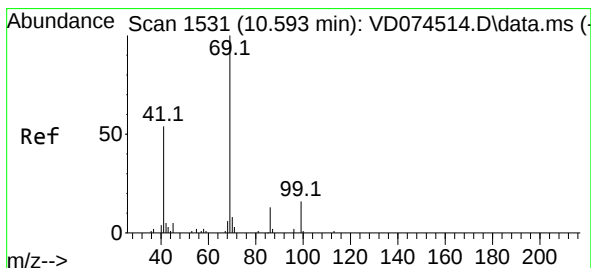
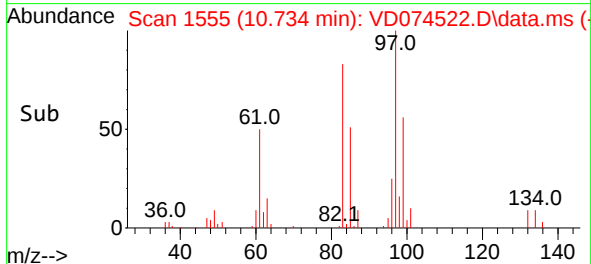
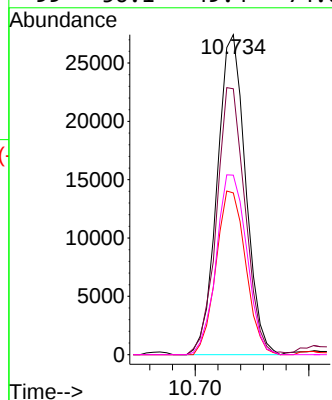
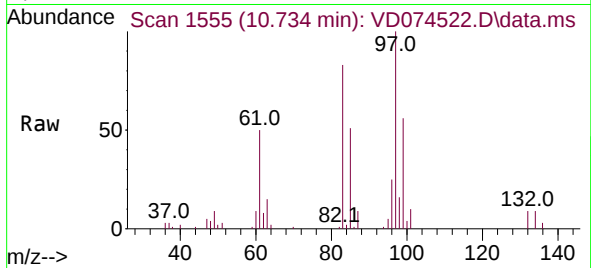




#55
1,1,2-Trichloroethane
Concen: 55.299 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

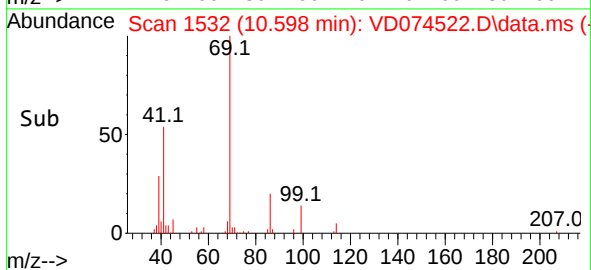
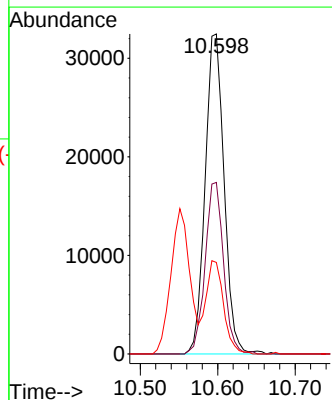
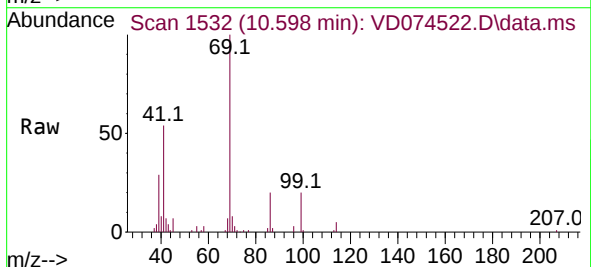
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

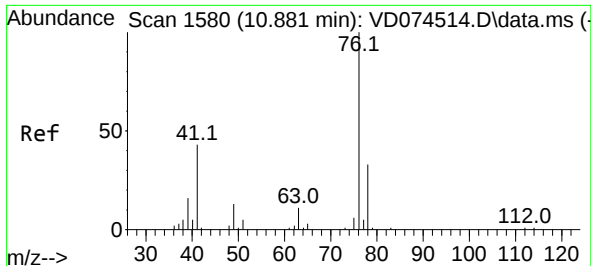
Tgt Ion:	97	Resp:	47590
Ion	Ratio	Lower	Upper
97	100		
83	83.1	64.8	97.2
85	50.6	44.8	67.2
99	56.1	49.4	74.0



#56
Ethyl methacrylate
Concen: 55.656 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.005 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion:	69	Resp:	55214
Ion	Ratio	Lower	Upper
69	100		
41	52.2	38.6	58.0
39	27.4	19.9	29.9





#57

1,3-Dichloropropane

Concen: 52.711 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

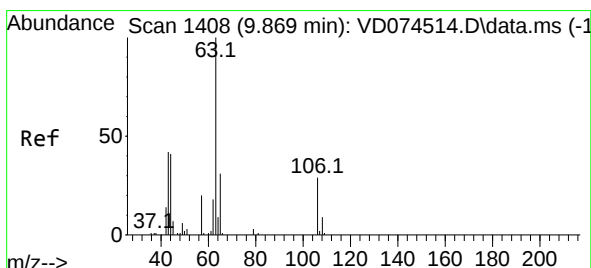
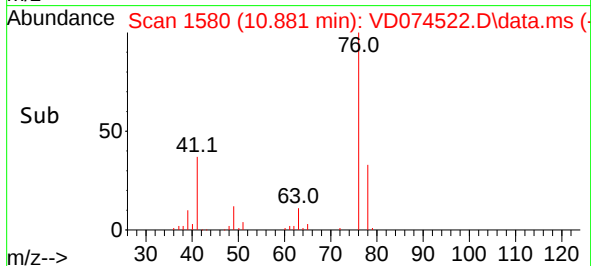
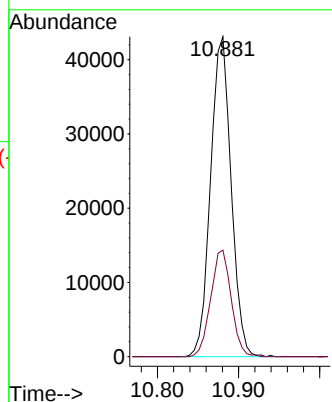
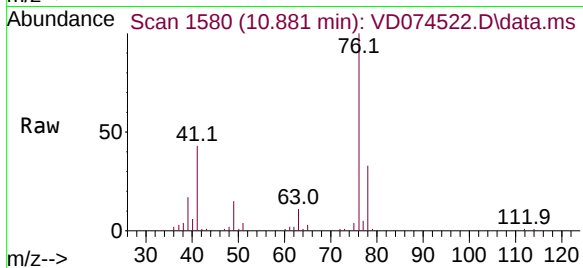
VSTDCCC050

Tgt Ion: 76 Resp: 75867

Ion Ratio Lower Upper

76 100

78 33.2 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 232.550 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD074522.D

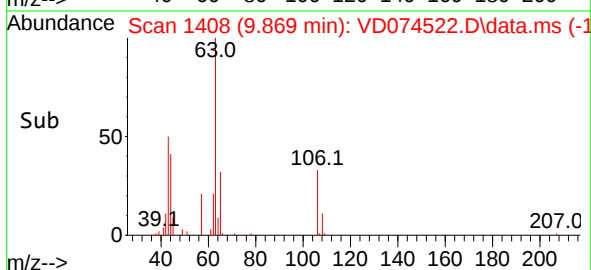
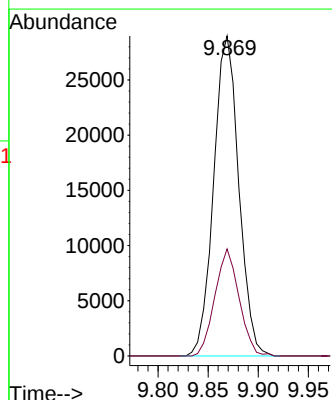
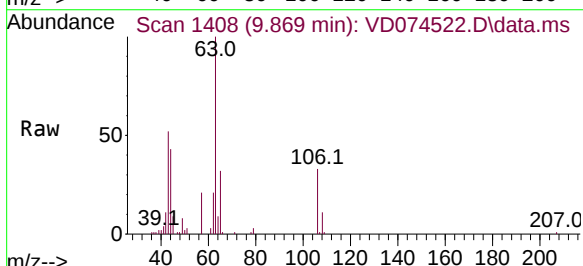
Acq: 13 Oct 2022 10:36

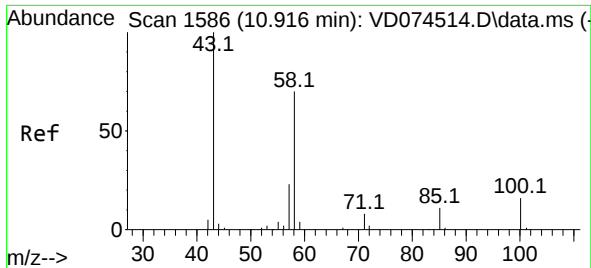
Tgt Ion: 63 Resp: 50465

Ion Ratio Lower Upper

63 100

106 32.2 26.5 39.7

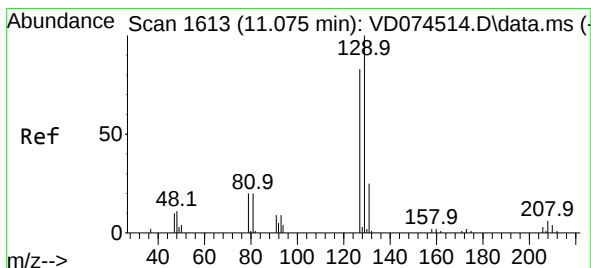
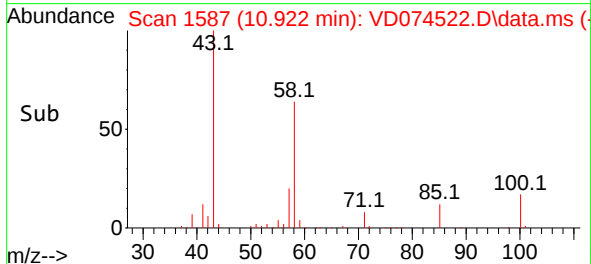
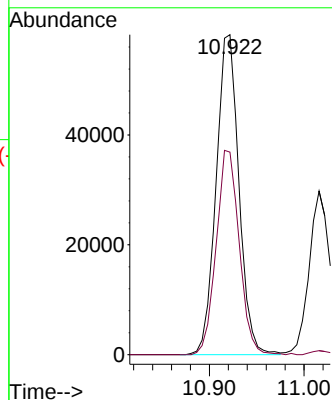
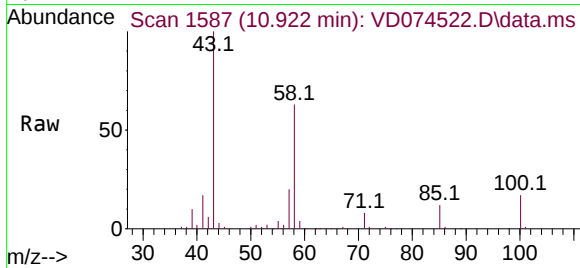




#59
2-Hexanone
Concen: 289.621 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

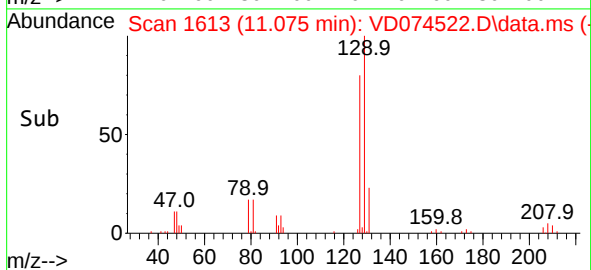
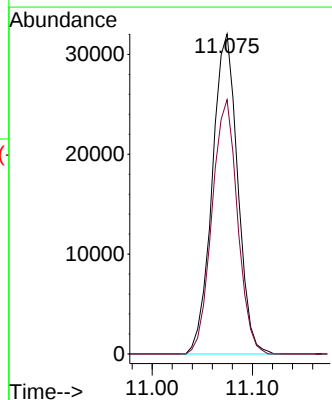
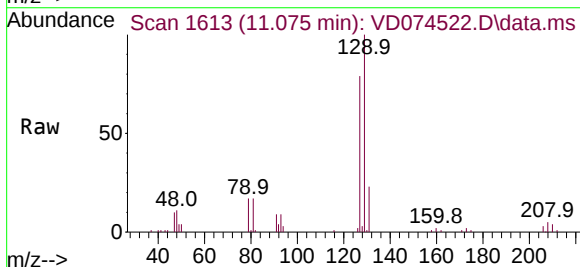
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

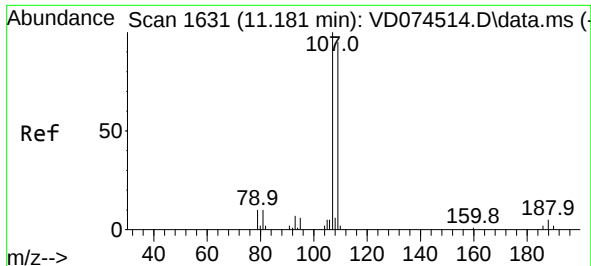
Tgt Ion: 43 Resp: 97461
Ion Ratio Lower Upper
43 100
58 64.5 32.0 96.2



#60
Dibromochloromethane
Concen: 54.571 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 129 Resp: 56488
Ion Ratio Lower Upper
129 100
127 79.4 39.1 117.2

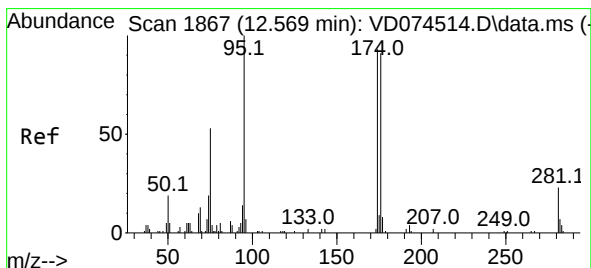
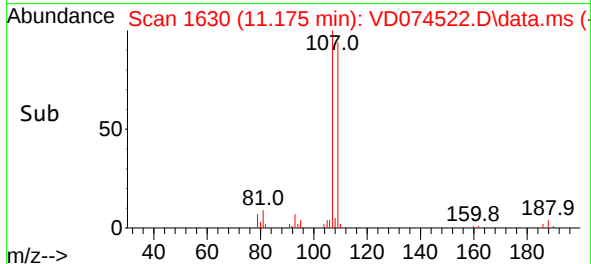
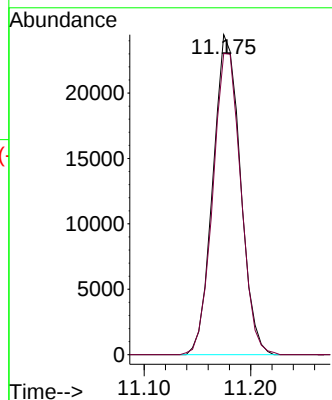
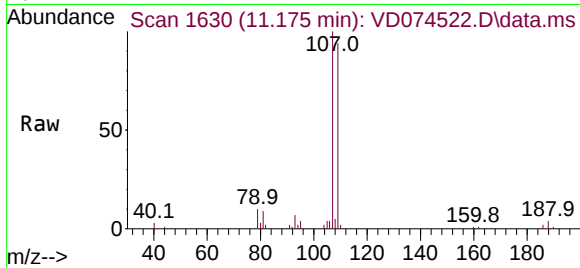




#61
1,2-Dibromoethane
Concen: 54.445 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

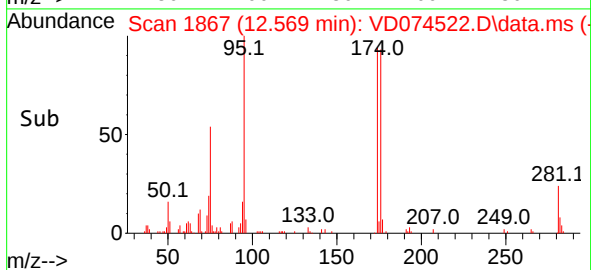
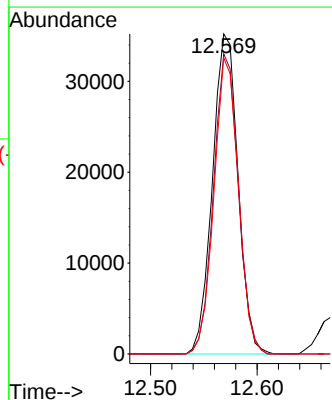
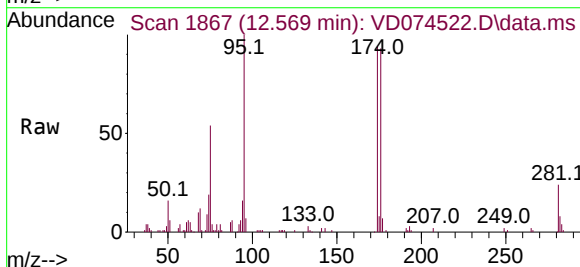
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

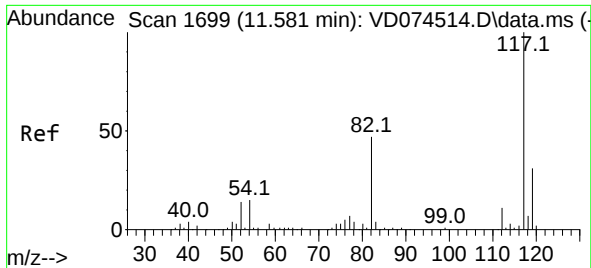
Tgt Ion:107 Resp: 43597
Ion Ratio Lower Upper
107 100
109 96.3 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 47.260 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 95 Resp: 58715
Ion Ratio Lower Upper
95 100
174 90.7 0.0 197.0
176 88.6 0.0 182.6

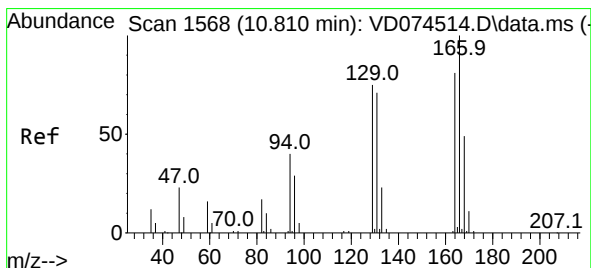
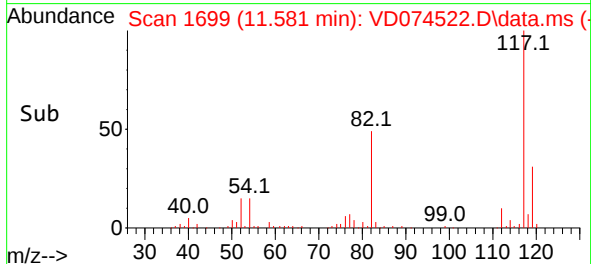
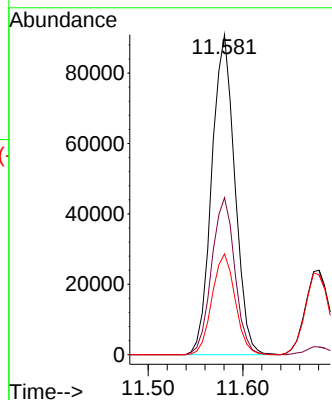
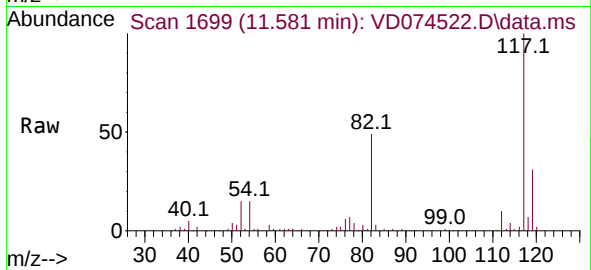




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

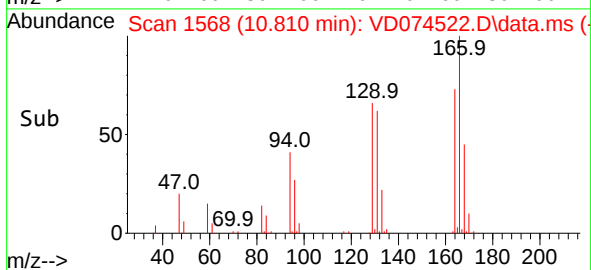
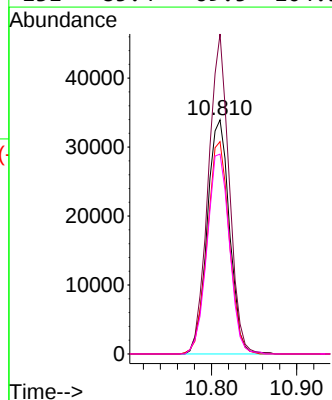
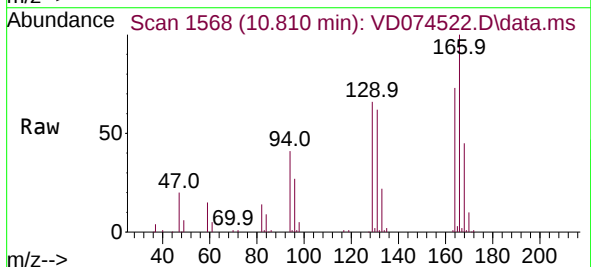
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

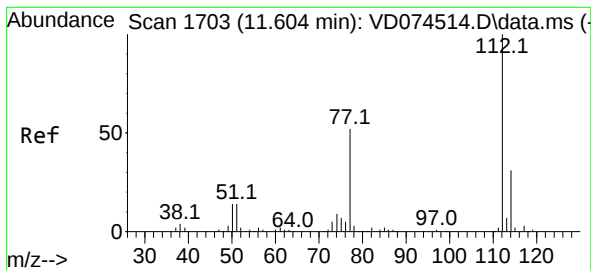
Tgt Ion:117 Resp: 153529
Ion Ratio Lower Upper
117 100
82 49.0 41.6 62.4
119 31.5 25.2 37.8



#64
Tetrachloroethene
Concen: 53.700 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion:164 Resp: 61736
Ion Ratio Lower Upper
164 100
166 136.7 107.8 161.8
129 90.7 77.4 116.2
131 85.4 69.5 104.3

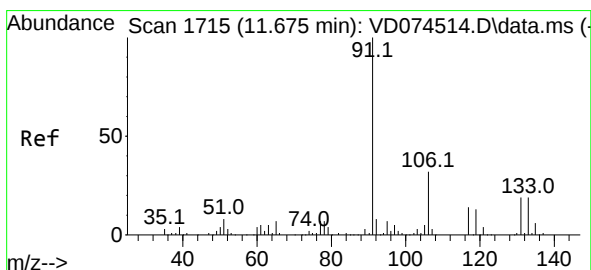
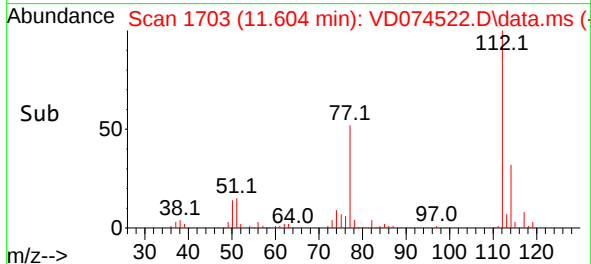
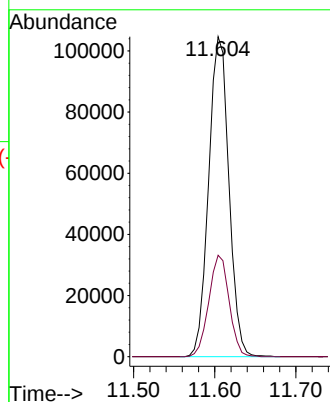
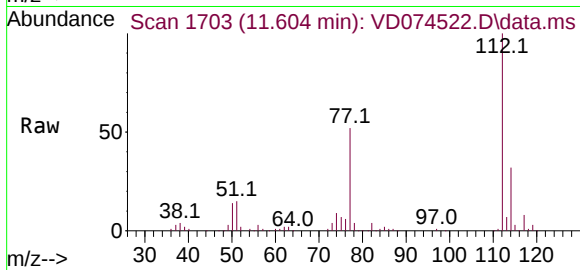




#65
Chlorobenzene
Concen: 54.947 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

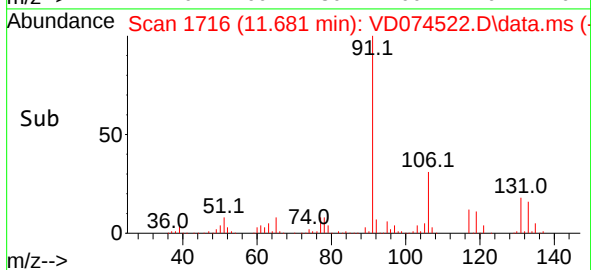
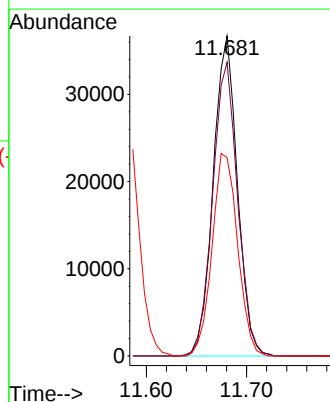
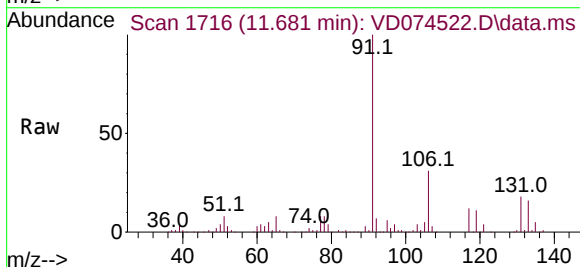
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

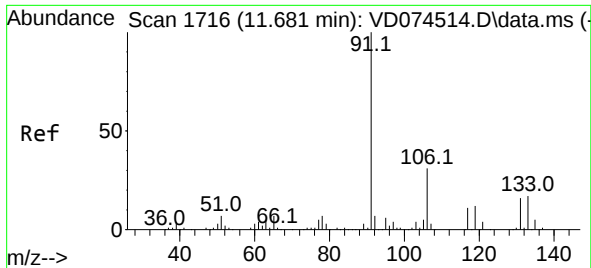
Tgt Ion:112 Resp: 181080
Ion Ratio Lower Upper
112 100
114 31.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 54.891 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion:131 Resp: 61381
Ion Ratio Lower Upper
131 100
133 95.0 46.6 139.8
119 66.9 32.5 97.4

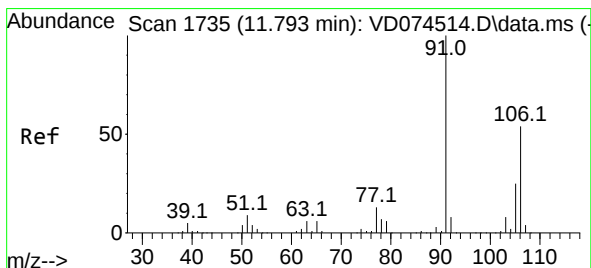
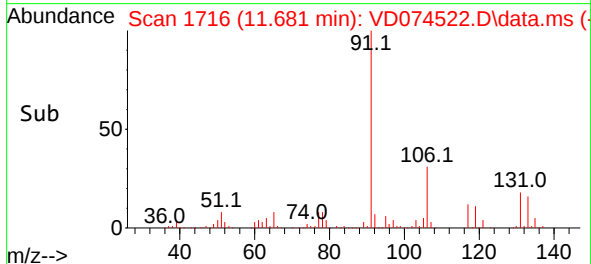
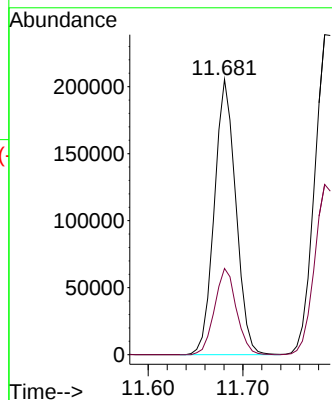
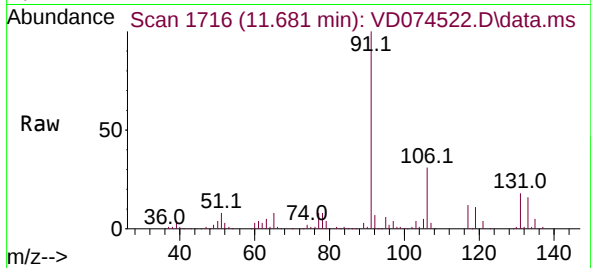




#67
Ethyl Benzene
Concen: 55.493 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

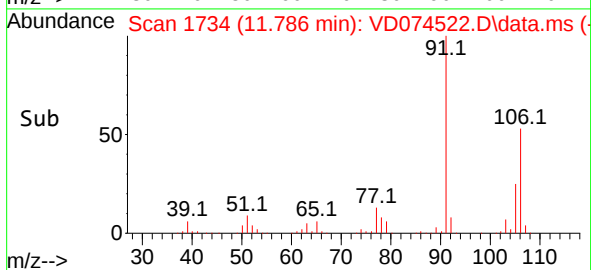
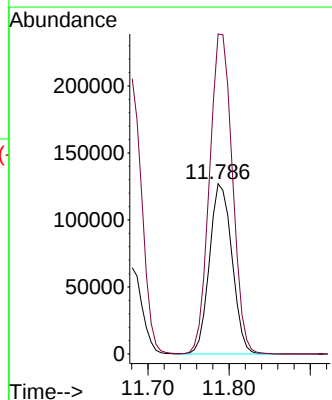
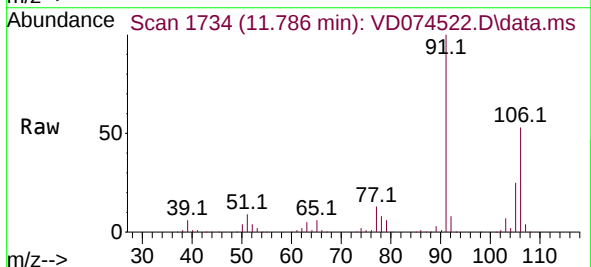
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

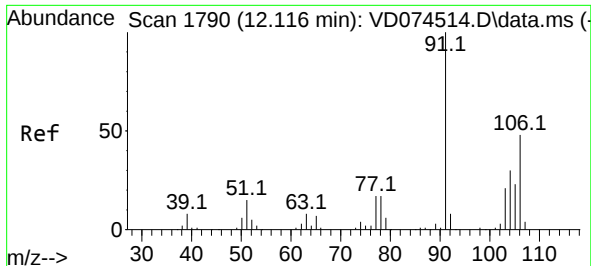
Tgt Ion: 91 Resp: 324165
Ion Ratio Lower Upper
91 100
106 31.3 26.6 40.0



#68
m/p-Xylenes
Concen: 105.149 ug/l
RT: 11.786 min Scan# 1734
Delta R.T. -0.007 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion:106 Resp: 244923
Ion Ratio Lower Upper
106 100
91 191.1 156.2 234.4

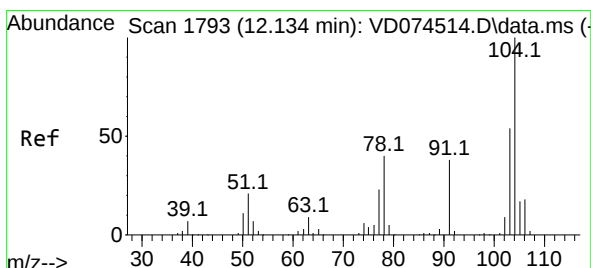
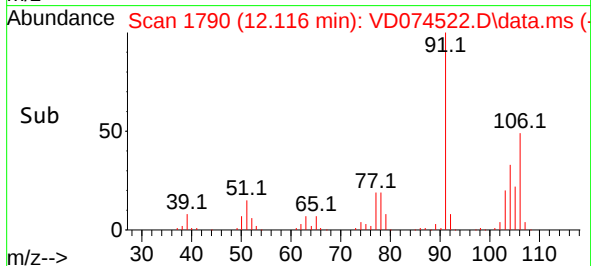
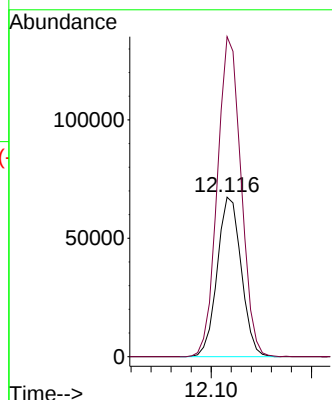
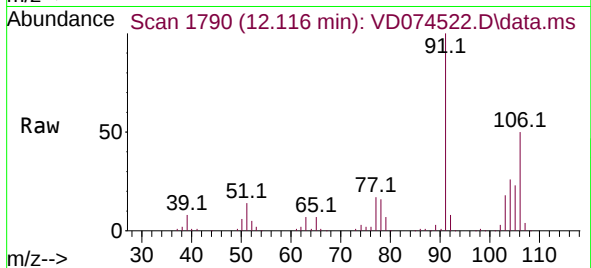




#69
o-Xylene
Concen: 51.650 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

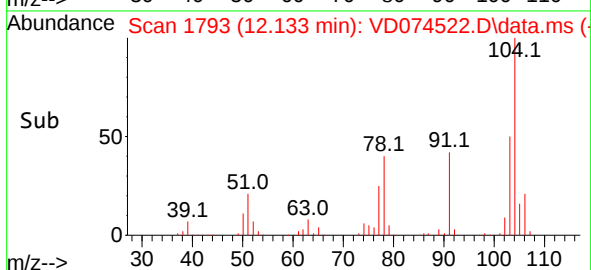
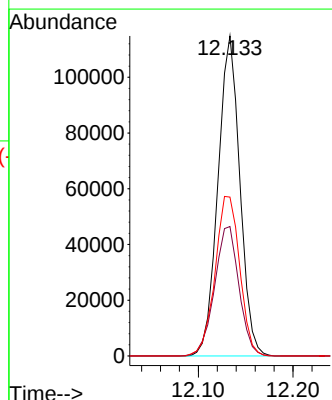
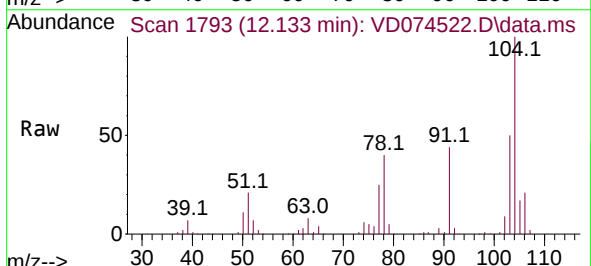
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

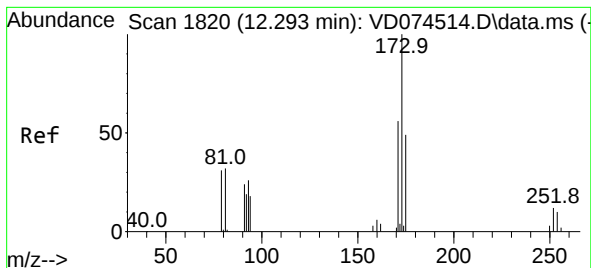
Tgt Ion:106 Resp: 111940
Ion Ratio Lower Upper
106 100
91 198.5 104.5 313.3



#70
Styrene
Concen: 50.522 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion:104 Resp: 185028
Ion Ratio Lower Upper
104 100
78 45.1 35.7 53.5
103 55.9 43.7 65.5





#71

Bromoform

Concen: 50.153 ug/l

RT: 12.298 min Scan# 1820

Delta R.T. 0.006 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

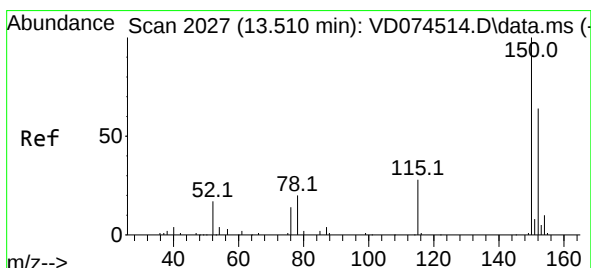
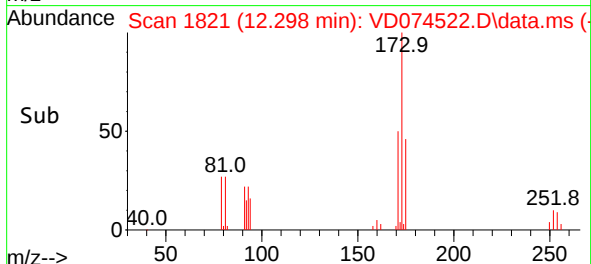
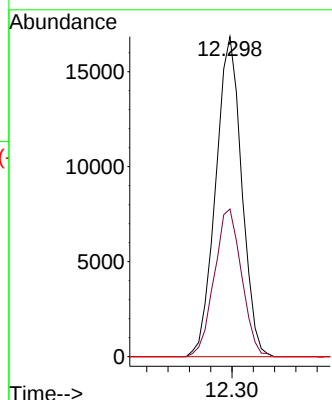
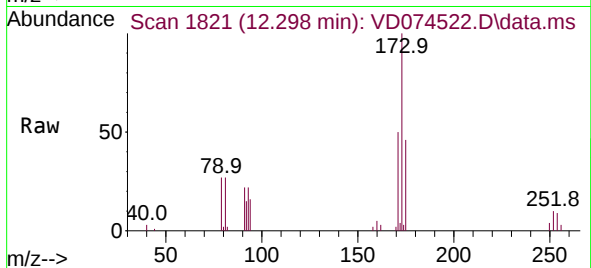
Tgt Ion:173 Resp: 28568

Ion Ratio Lower Upper

173 100

175 48.4 23.1 69.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.006 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

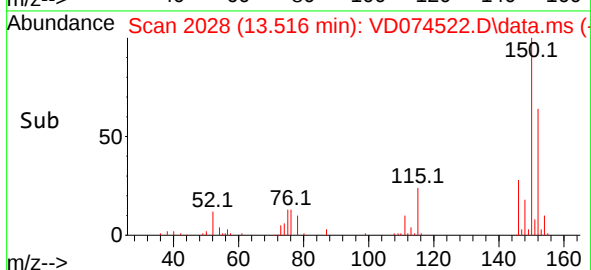
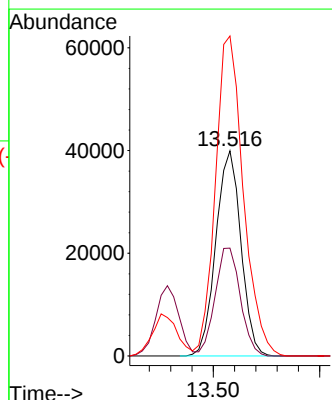
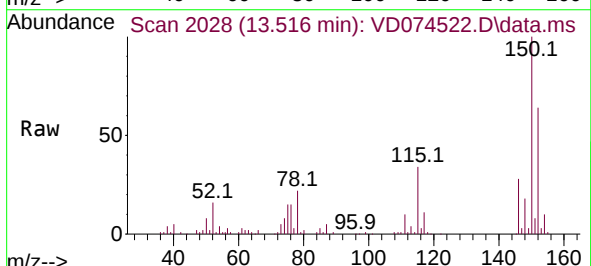
Tgt Ion:152 Resp: 65176

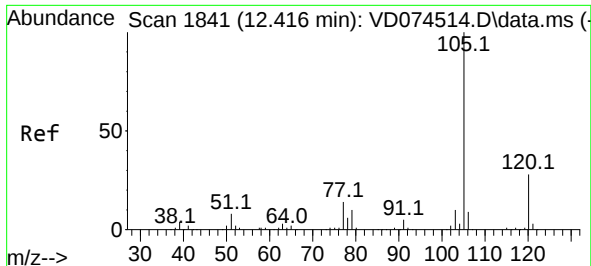
Ion Ratio Lower Upper

152 100

115 52.8 26.8 80.4

150 173.8 0.0 348.2

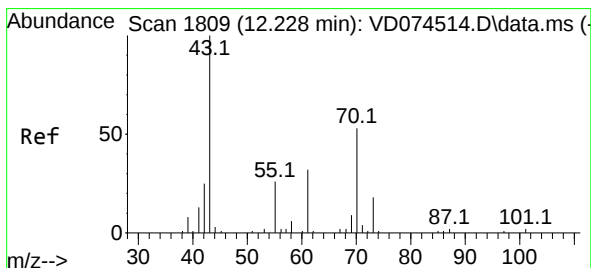
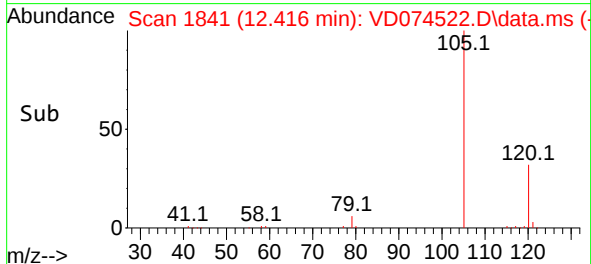
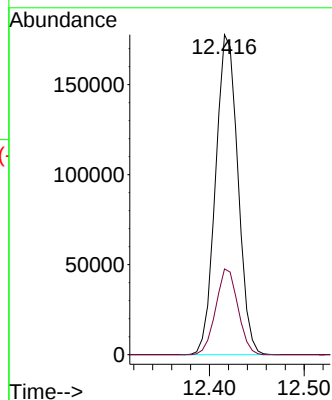
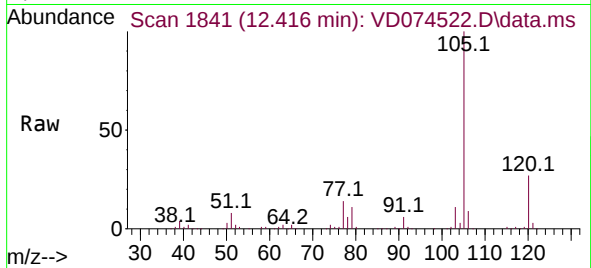




#73
Isopropylbenzene
Concen: 55.521 ug/l
RT: 12.416 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

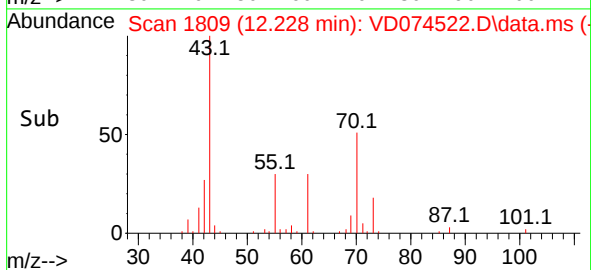
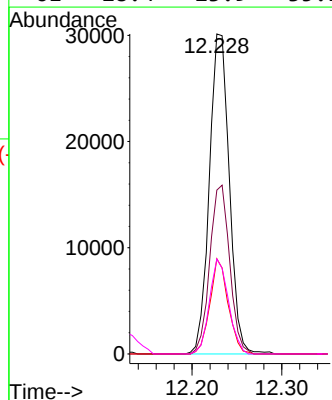
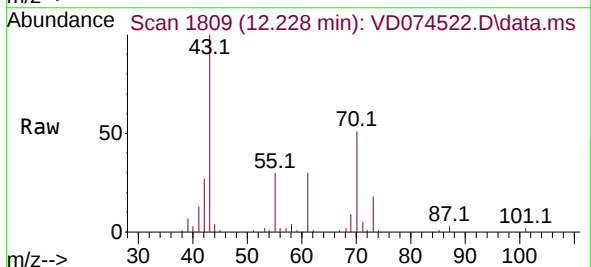
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

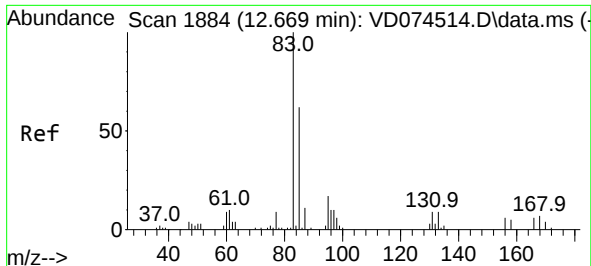
Tgt Ion:105 Resp: 291106
Ion Ratio Lower Upper
105 100
120 26.6 13.5 40.4



#74
N-ethyl acetate
Concen: 56.649 ug/l
RT: 12.228 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 43 Resp: 46518
Ion Ratio Lower Upper
43 100
70 52.5 43.8 65.6
55 27.2 22.0 33.0
61 28.4 23.9 35.9

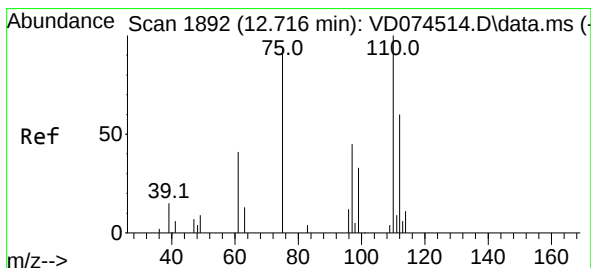
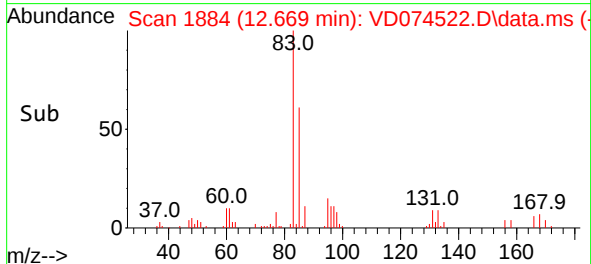
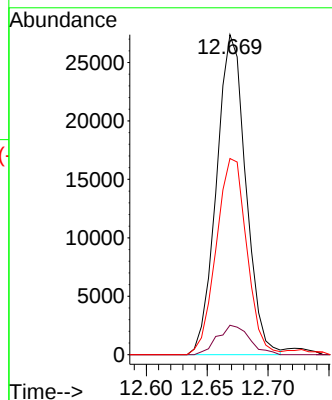
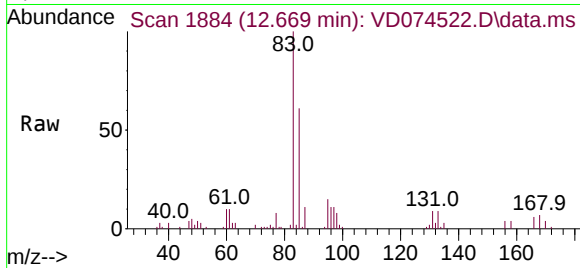




#75
1,1,2,2-Tetrachloroethane
Concen: 55.313 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

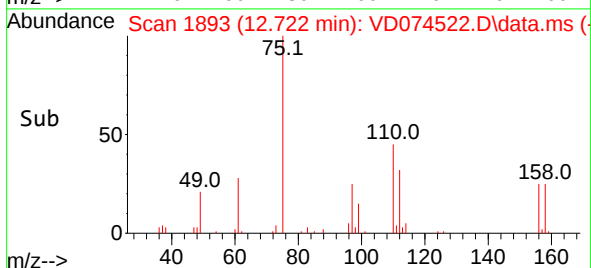
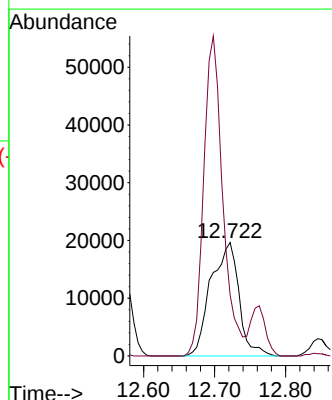
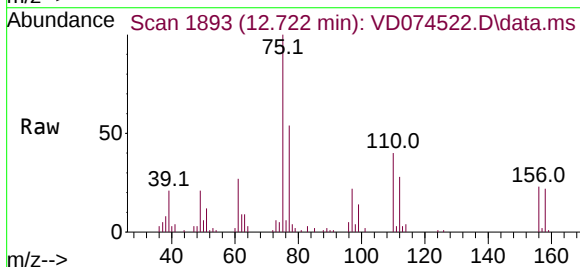
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

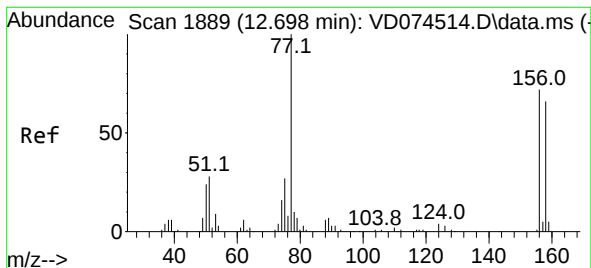
Tgt Ion: 83 Resp: 45875
Ion Ratio Lower Upper
83 100
131 10.1 4.7 14.1
85 63.9 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 96.969 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 75 Resp: 54012
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#





#77

Bromobenzene

Concen: 54.549 ug/l

RT: 12.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

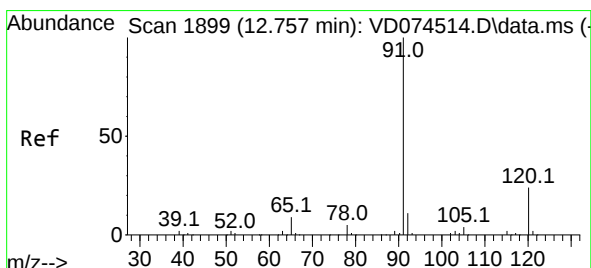
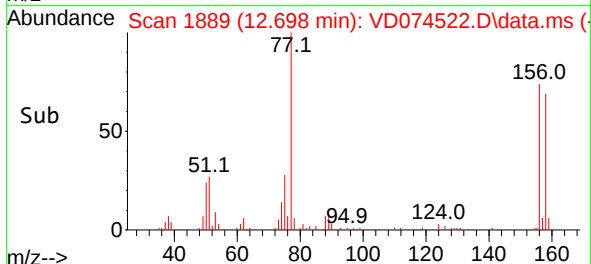
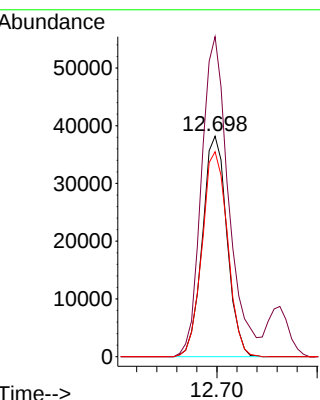
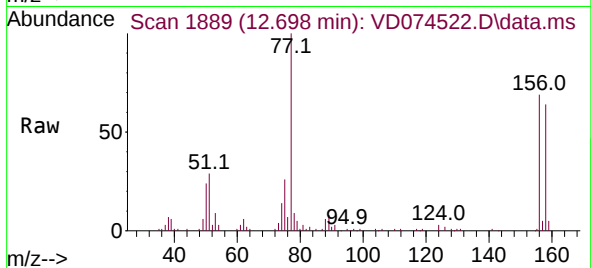
Tgt Ion:156 Resp: 64706

Ion Ratio Lower Upper

156 100

77 159.7 77.7 233.1

158 96.3 49.4 148.2



#78

n-propylbenzene

Concen: 54.743 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.006 min

Lab File: VD074522.D

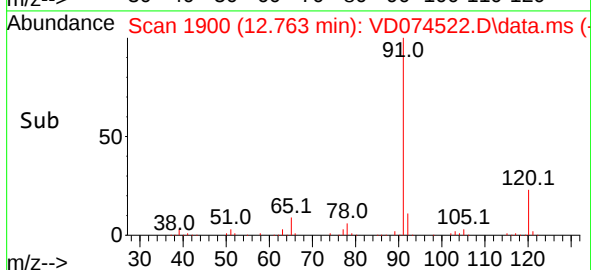
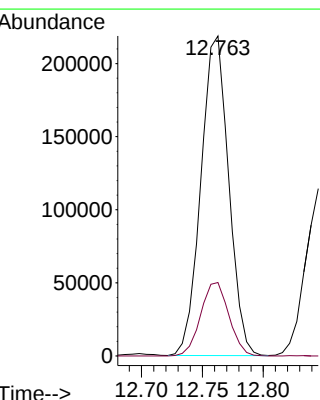
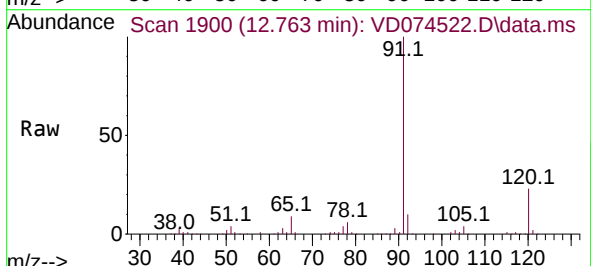
Acq: 13 Oct 2022 10:36

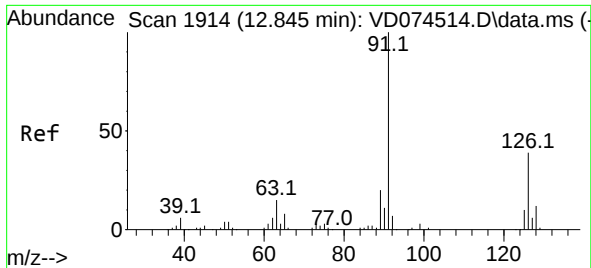
Tgt Ion: 91 Resp: 347252

Ion Ratio Lower Upper

91 100

120 23.4 11.9 35.7

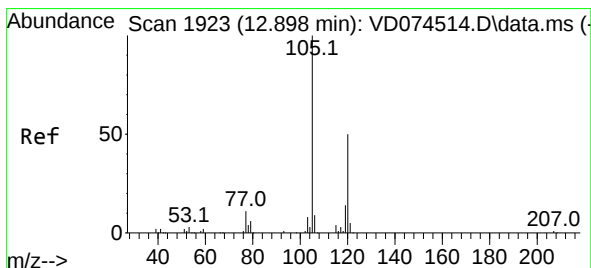
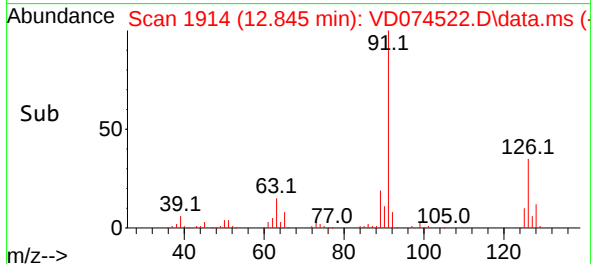
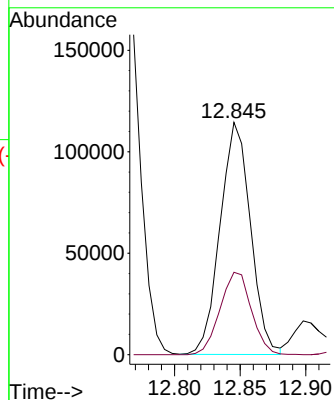
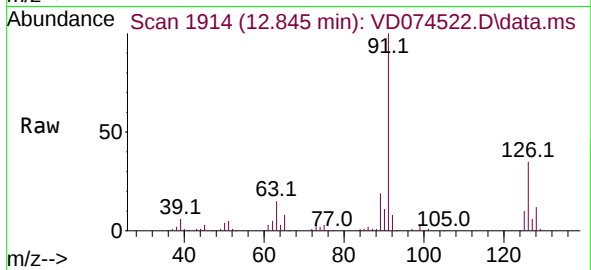




#79
2-Chlorotoluene
Concen: 54.240 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

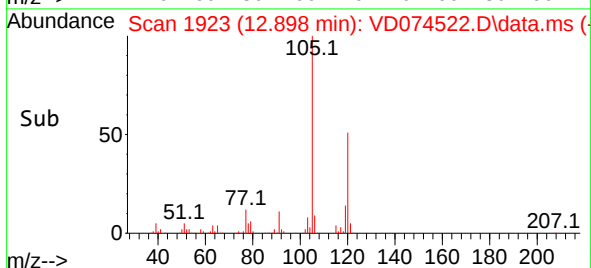
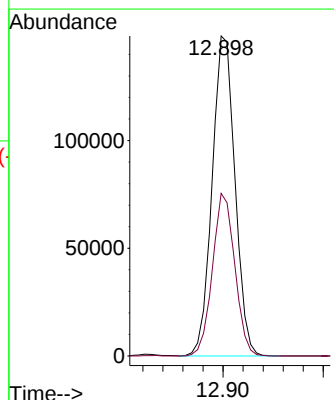
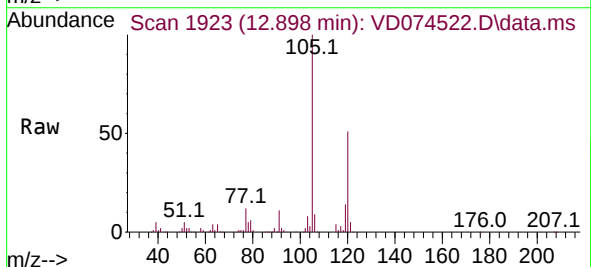
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

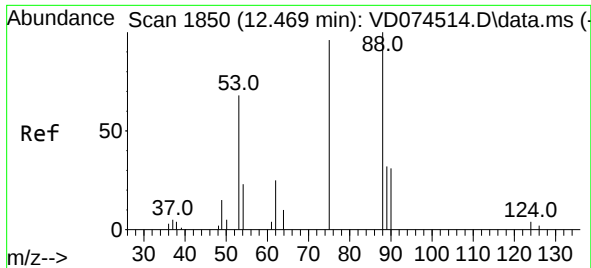
Tgt Ion: 91 Resp: 184666
Ion Ratio Lower Upper
91 100
126 36.6 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 55.122 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 105 Resp: 234891
Ion Ratio Lower Upper
105 100
120 49.7 25.7 77.0

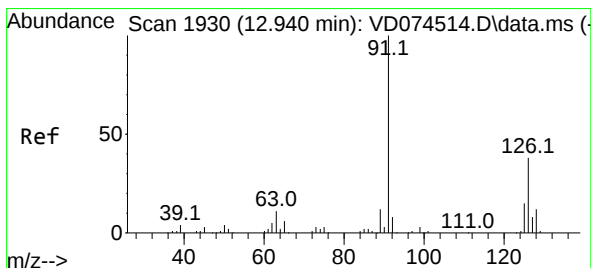
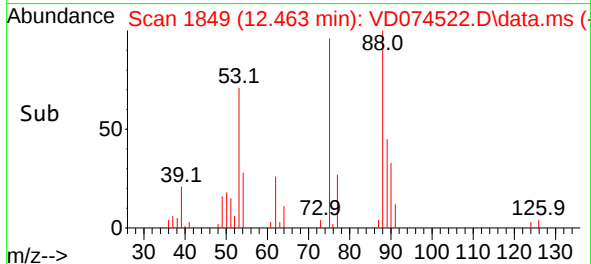
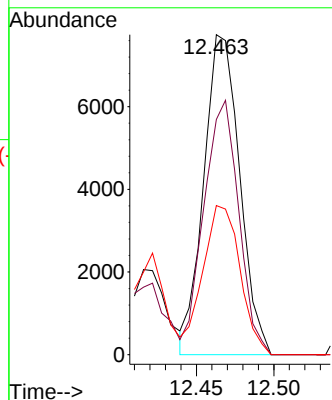
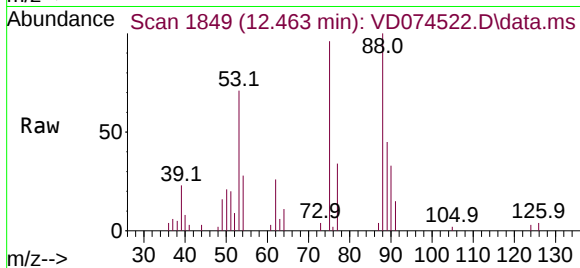




#81
trans-1,4-Dichloro-2-butene
Concen: 56.802 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

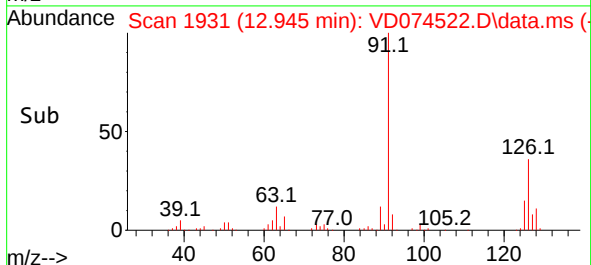
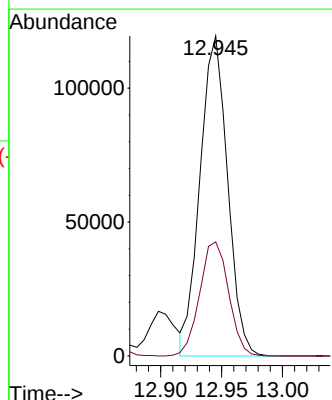
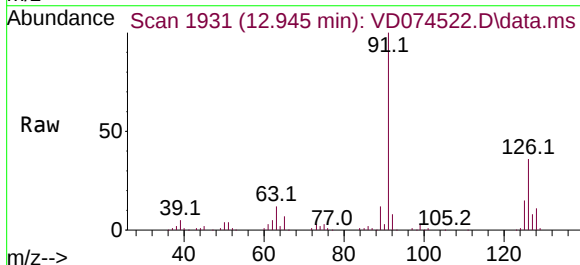
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

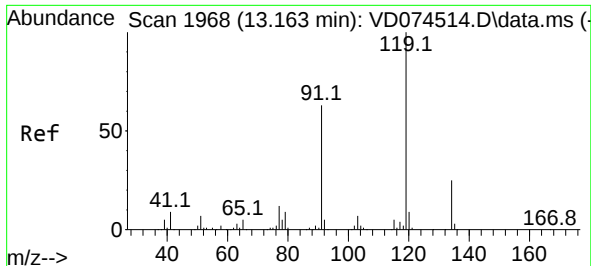
Tgt Ion: 75 Resp: 12473
Ion Ratio Lower Upper
75 100
53 77.3 63.8 95.6
89 48.6 38.2 57.4



#82
4-Chlorotoluene
Concen: 55.050 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 91 Resp: 188119
Ion Ratio Lower Upper
91 100
126 37.4 18.8 56.4

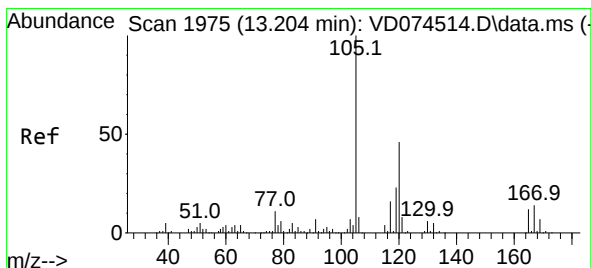
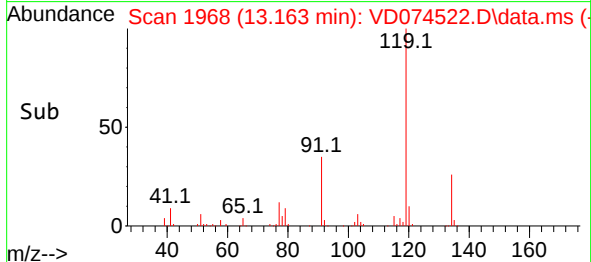
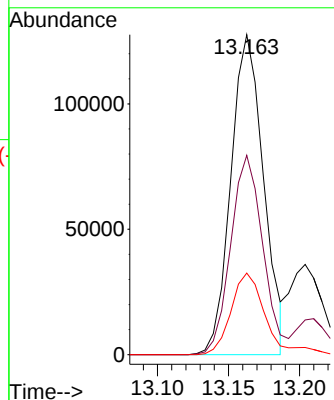
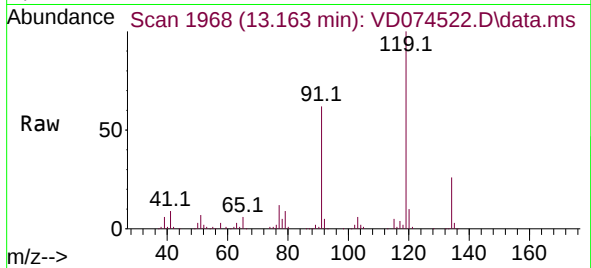




#83
tert-Butylbenzene
Concen: 54.690 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

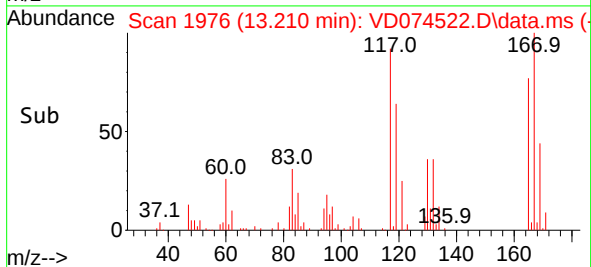
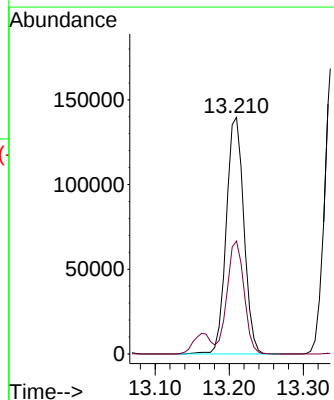
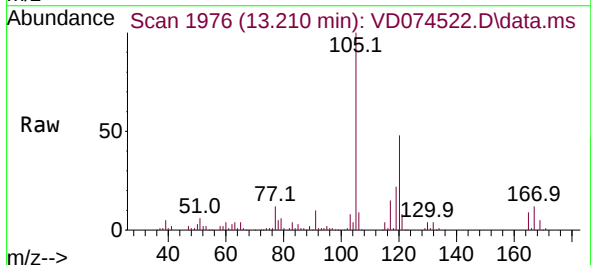
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

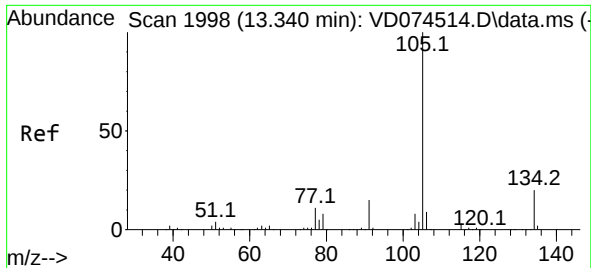
Tgt Ion:119 Resp: 204066
Ion Ratio Lower Upper
119 100
91 61.6 30.0 90.0
134 26.9 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 54.448 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion:105 Resp: 229841
Ion Ratio Lower Upper
105 100
120 46.0 22.9 68.7

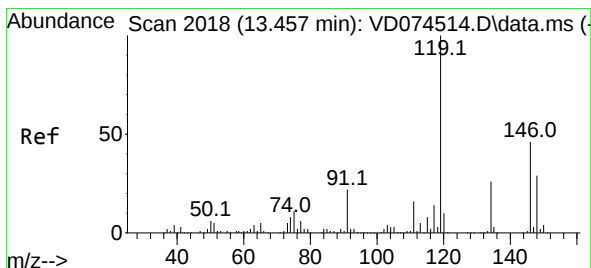
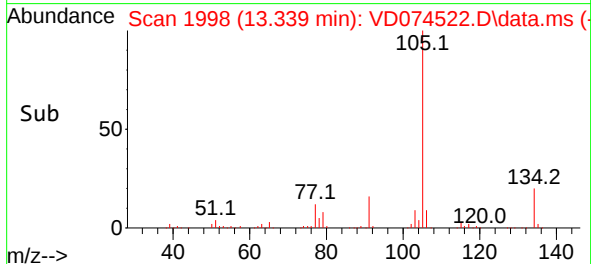
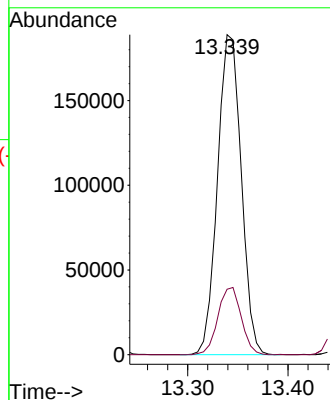
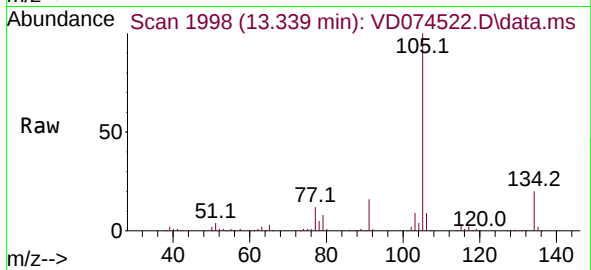




#85
 sec-Butylbenzene
 Concen: 54.567 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD074522.D
 Acq: 13 Oct 2022 10:36

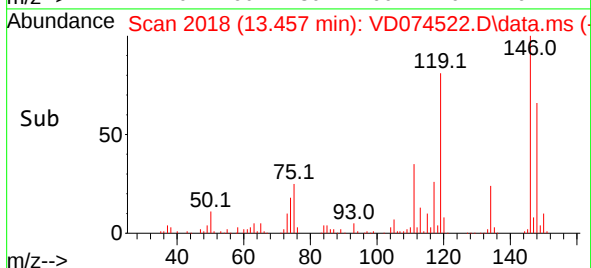
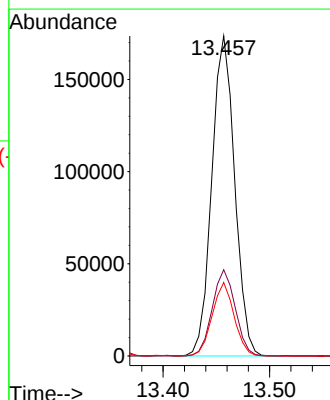
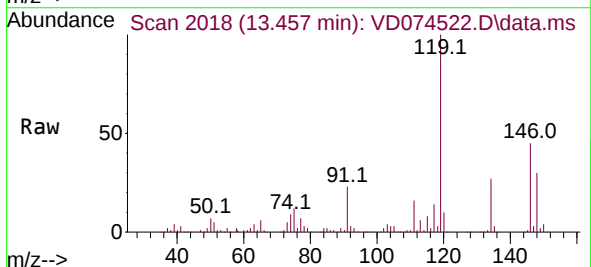
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

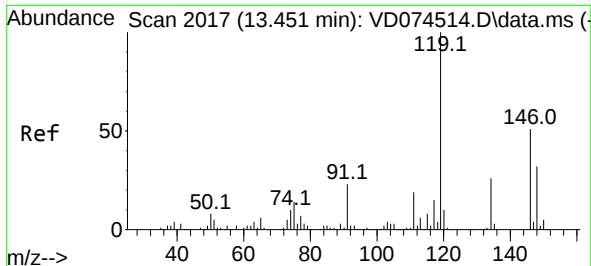
Tgt Ion:105 Resp: 310249
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 54.821 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD074522.D
 Acq: 13 Oct 2022 10:36

Tgt Ion:119 Resp: 258807
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.5 40.4
 91 22.0 10.8 32.4





#87

1,3-Dichlorobenzene

Concen: 52.586 ug/l

RT: 13.457 min Scan# 2017

Delta R.T. 0.006 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

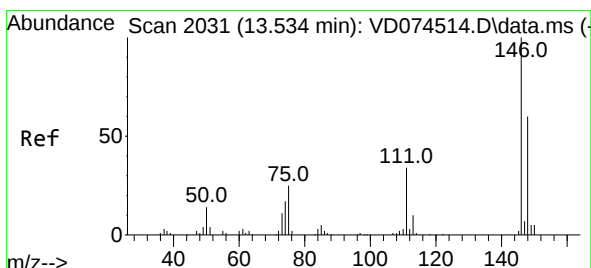
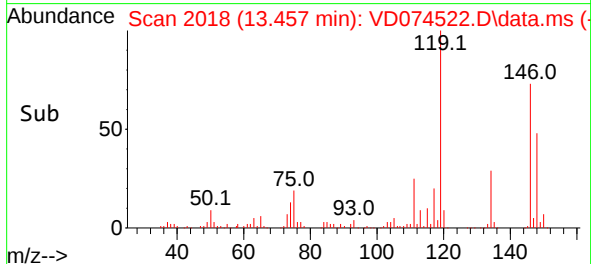
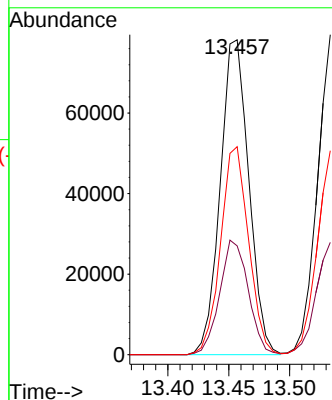
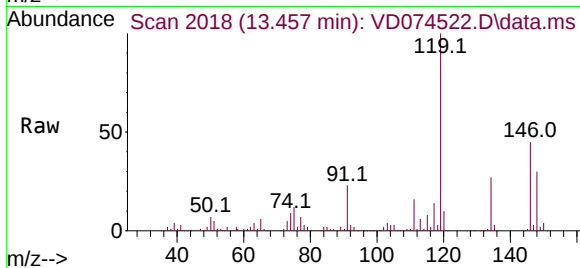
Tgt Ion:146 Resp: 127798

Ion Ratio Lower Upper

146 100

111 36.4 18.3 54.8

148 64.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 51.978 ug/l

RT: 13.533 min Scan# 2031

Delta R.T. -0.001 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

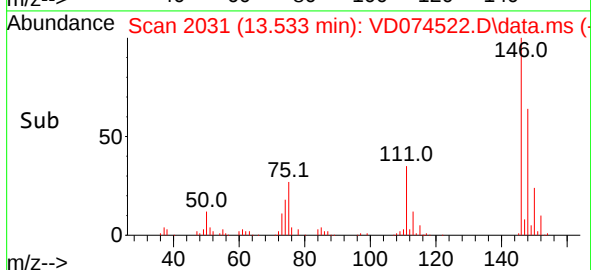
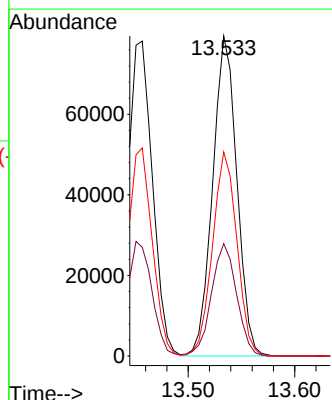
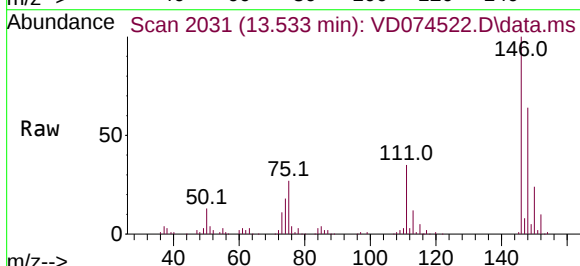
Tgt Ion:146 Resp: 125358

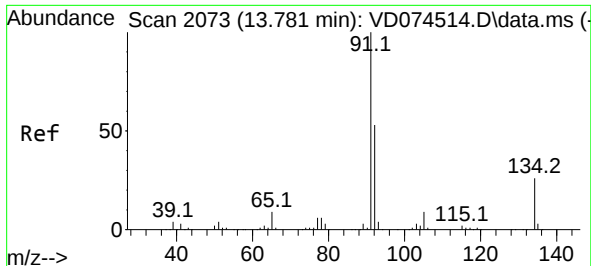
Ion Ratio Lower Upper

146 100

111 36.4 17.7 53.1

148 64.3 32.3 96.9

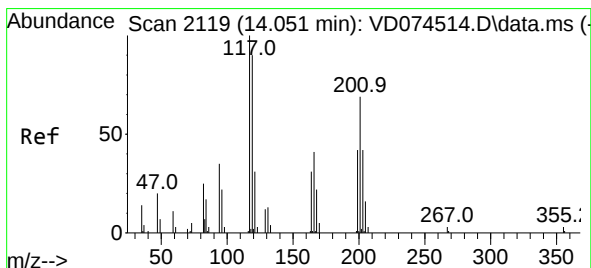
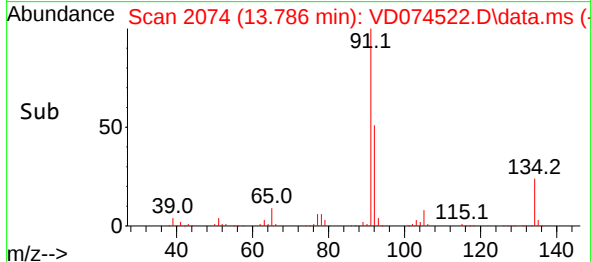
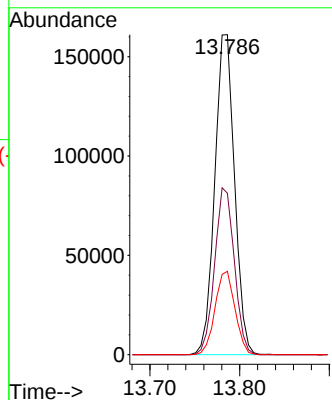
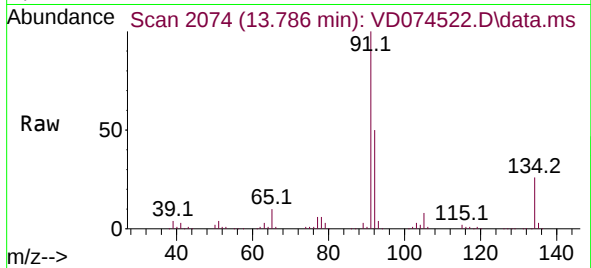




#89
n-Butylbenzene
Concen: 55.841 ug/l
RT: 13.786 min Scan# 2073
Delta R.T. 0.005 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

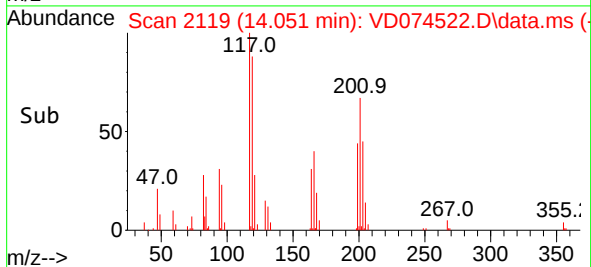
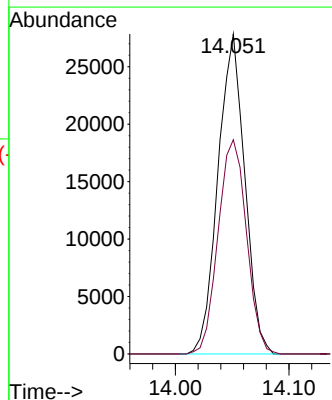
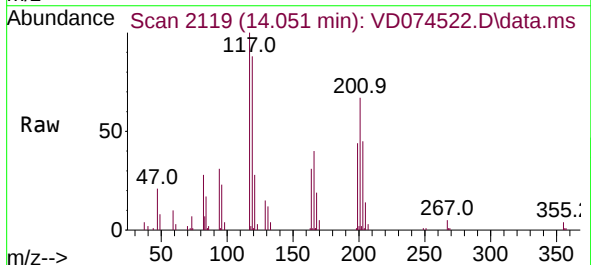
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

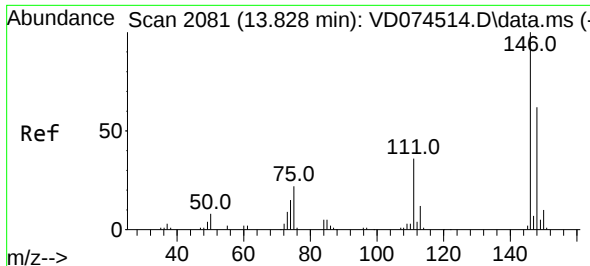
Tgt Ion: 91 Resp: 246251
Ion Ratio Lower Upper
91 100
92 52.0 26.9 80.7
134 26.3 13.4 40.2



#90
Hexachloroethane
Concen: 54.742 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 117 Resp: 45628
Ion Ratio Lower Upper
117 100
201 70.8 38.0 114.0

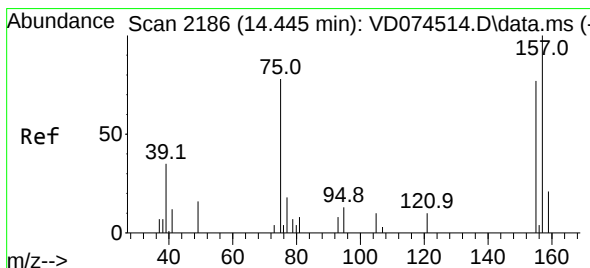
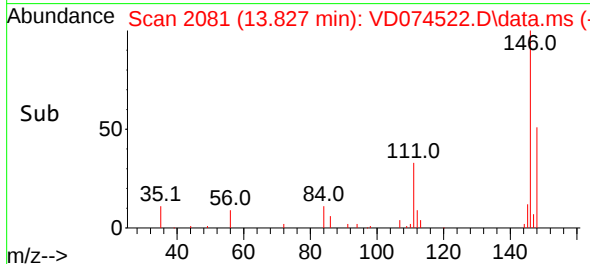
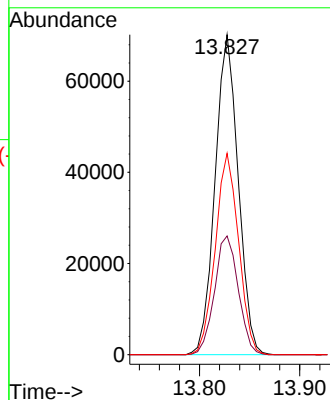
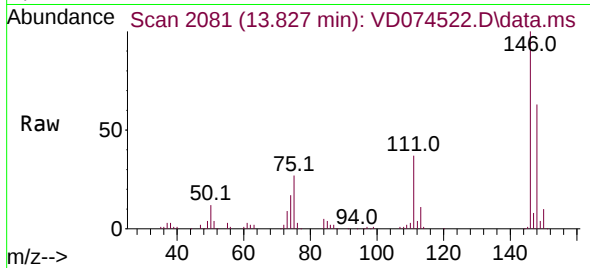




#91
1,2-Dichlorobenzene
Concen: 54.172 ug/l
RT: 13.827 min Scan# 2081
Delta R.T. -0.001 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

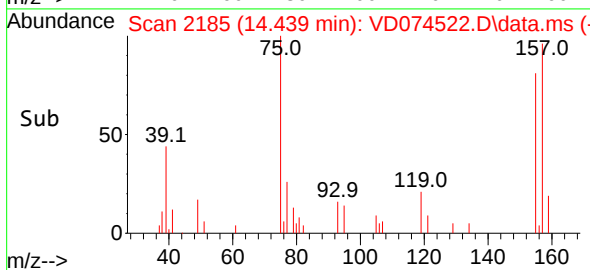
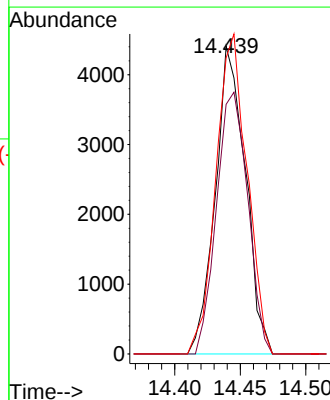
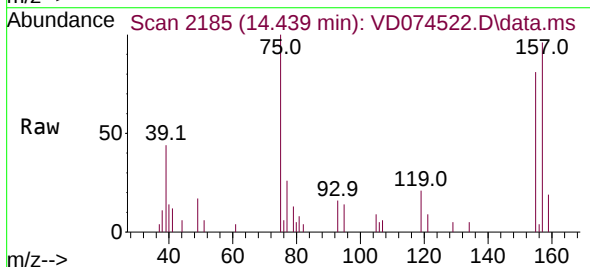
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

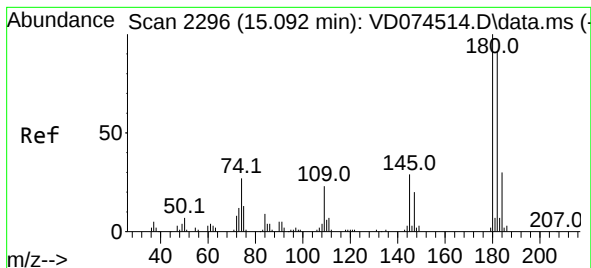
Tgt Ion:146 Resp: 112305
Ion Ratio Lower Upper
146 100
111 38.2 18.9 56.5
148 63.3 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 61.967 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion: 75 Resp: 7026
Ion Ratio Lower Upper
75 100
155 88.4 51.2 153.8
157 107.7 68.2 204.5





#93

1,2,4-Trichlorobenzene

Concen: 52.072 ug/l

RT: 15.092 min Scan# 2296

Delta R.T. 0.000 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

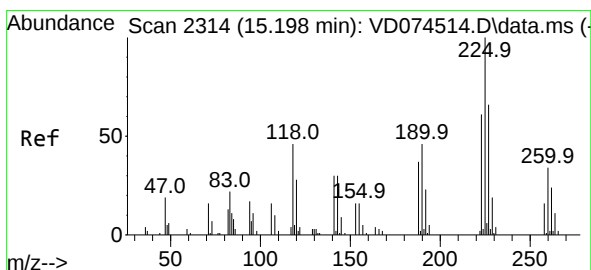
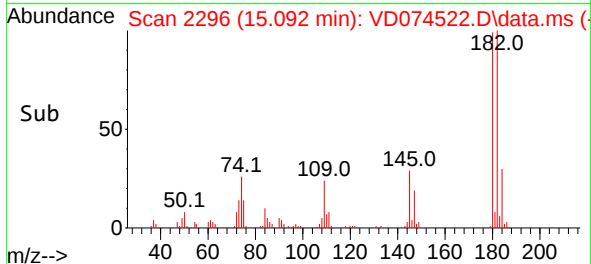
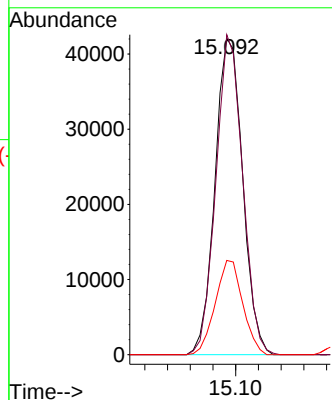
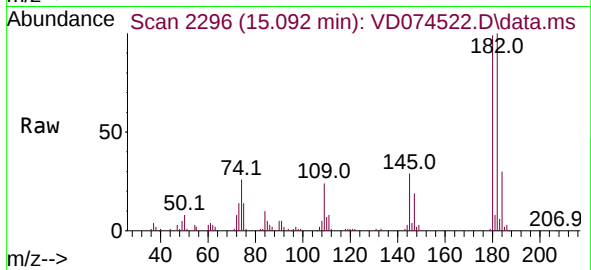
Tgt Ion:180 Resp: 71182

Ion Ratio Lower Upper

180 100

182 97.7 46.9 140.6

145 29.6 14.1 42.3



#94

Hexachlorobutadiene

Concen: 53.861 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD074522.D

Acq: 13 Oct 2022 10:36

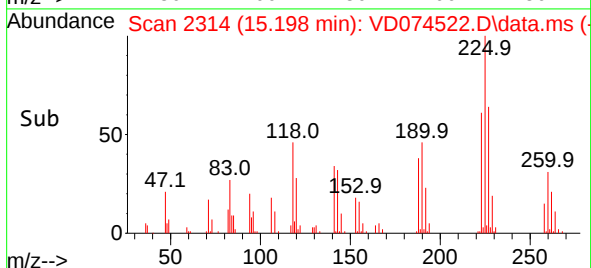
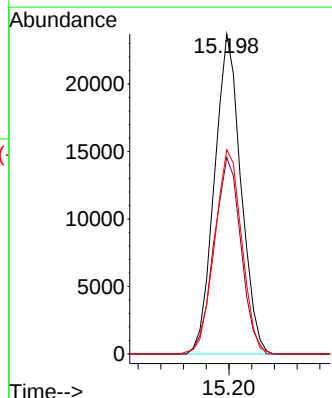
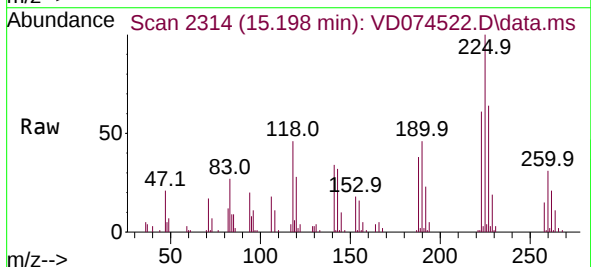
Tgt Ion:225 Resp: 38281

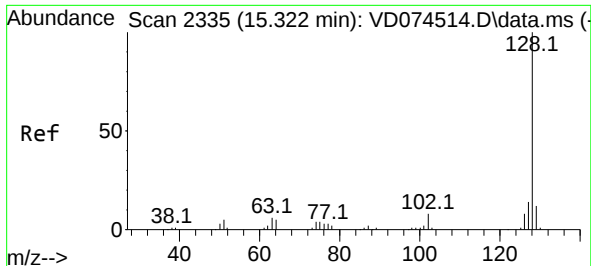
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.5

227 65.4 32.6 97.8

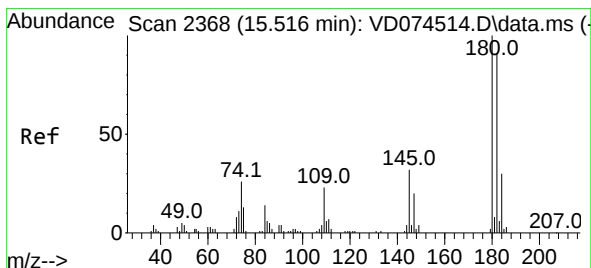
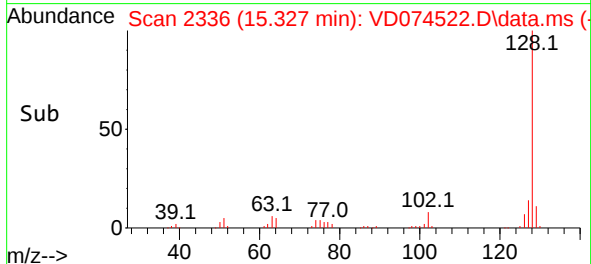
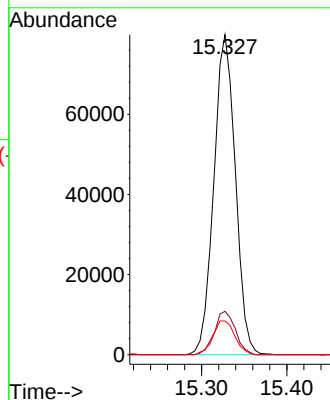
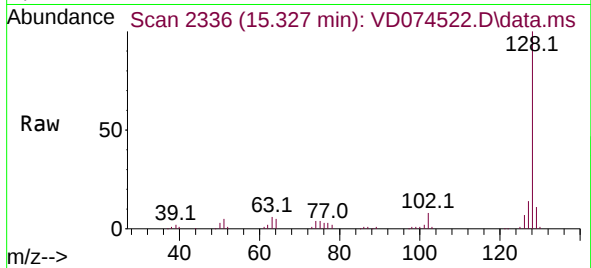




#95
Naphthalene
Concen: 54.370 ug/l
RT: 15.327 min Scan# 21
Delta R.T. -0.001 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 140360
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 10.7 8.3 12.5



#96
1,2,3-Trichlorobenzene
Concen: 53.569 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.000 min
Lab File: VD074522.D
Acq: 13 Oct 2022 10:36

Tgt Ion:180 Resp: 62510
Ion Ratio Lower Upper
180 100
182 95.3 46.7 140.1
145 31.3 14.9 44.7

