

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101322\
 Data File : VD074524.D
 Acq On : 13 Oct 2022 12:49
 Operator : VA/SY
 Sample : VD1013SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBS01

Quant Time: Oct 13 16:55:28 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	92090	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	157652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	132248	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	43281	54.602	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.200%
35) Dibromofluoromethane	7.804	113	49904	52.700	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.400%
50) Toluene-d8	10.269	98	186565	51.635	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.280%
62) 4-Bromofluorobenzene	12.569	95	54923	49.490	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.980%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	15006	16.854	ug/l	96
3) Chloromethane	2.146	50	21745	19.624	ug/l	95
4) Vinyl Chloride	2.275	62	21994	19.187	ug/l	99
5) Bromomethane	2.675	94	17701	21.766	ug/l	97
6) Chloroethane	2.828	64	14853	19.421	ug/l	96
7) Trichlorofluoromethane	3.164	101	34095	19.436	ug/l	94
8) Diethyl Ether	3.587	74	10153	19.281	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.963	101	21956	18.622	ug/l	99
10) Methyl Iodide	4.152	142	21176	17.191	ug/l	97
11) Tert butyl alcohol	5.016	59	13709	87.742	ug/l #	84
12) 1,1-Dichloroethene	3.940	96	22164	18.455	ug/l	94
13) Acrolein	3.799	56	4322	106.697	ug/l	92
14) Allyl chloride	4.558	41	25141	19.230	ug/l	99
15) Acrylonitrile	5.258	53	21259	101.418	ug/l	98
16) Acetone	4.016	43	16343	95.581	ug/l	91
17) Carbon Disulfide	4.263	76	65341	18.402	ug/l	100
18) Methyl Acetate	4.569	43	11176	20.541	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	45334	19.837	ug/l	99
20) Methylene Chloride	4.793	84	32593	18.801	ug/l	94
21) trans-1,2-Dichloroethene	5.310	96	24654	19.059	ug/l	98
22) Diisopropyl ether	6.210	45	53903	20.621	ug/l	98
23) Vinyl Acetate	6.152	43	107634	94.845	ug/l	99
24) 1,1-Dichloroethane	6.110	63	39837	19.687	ug/l	96
25) 2-Butanone	7.087	43	24146	102.300	ug/l	100
26) 2,2-Dichloropropane	7.069	77	34548	19.396	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	27238	19.770	ug/l	95
28) Bromochloromethane	7.428	49	11733	21.961	ug/l	94
29) Tetrahydrofuran	7.446	42	14057	107.994	ug/l	96
30) Chloroform	7.593	83	41861	21.352	ug/l	95
31) Cyclohexane	7.875	56	32787	19.440	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	37653	21.209	ug/l	97
36) 1,1-Dichloropropene	8.010	75	31434	20.776	ug/l	100
37) Ethyl Acetate	7.163	43	10447	21.037	ug/l	98
38) Carbon Tetrachloride	7.987	117	29898	21.372	ug/l	92
39) Methylcyclohexane	9.275	83	37353	19.724	ug/l #	87
40) Benzene	8.251	78	94576	21.002	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	5717	20.065	ug/l	93
42) 1,2-Dichloroethane	8.322	62	22218	20.880	ug/l	99
43) Isopropyl Acetate	8.363	43	19913	21.824	ug/l #	81
44) Trichloroethene	9.028	130	26790	20.795	ug/l	96
45) 1,2-Dichloropropane	9.304	63	21656	21.109	ug/l	95
46) Dibromomethane	9.393	93	12255	21.259	ug/l	94
47) Bromodichloromethane	9.587	83	30208	21.199	ug/l	91
48) Methyl methacrylate	9.381	41	9468	21.443	ug/l	92
49) 1,4-Dioxane	9.381	88	2929	489.093	ug/l #	88
51) 4-Methyl-2-Pentanone	10.157	43	47785	105.863	ug/l	99
52) Toluene	10.334	92	56924	20.001	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	24563	19.771	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	31580	20.125	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	15895	20.569	ug/l	96
56) Ethyl methacrylate	10.598	69	18173	20.401	ug/l	95
57) 1,3-Dichloropropane	10.881	76	26139	20.225	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	15103	98.919	ug/l	95
59) 2-Hexanone	10.922	43	31469	104.146	ug/l	97
60) Dibromochloromethane	11.075	129	19209	20.667	ug/l	99
61) 1,2-Dibromoethane	11.181	107	14914	20.742	ug/l	97
64) Tetrachloroethene	10.810	164	21327	21.536	ug/l	87
65) Chlorobenzene	11.604	112	60120	21.178	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	20044	20.809	ug/l	98
67) Ethyl Benzene	11.681	91	107950	21.454	ug/l	97
68) m/p-Xylenes	11.792	106	86391	43.057	ug/l	99
69) o-Xylene	12.122	106	39876	21.360	ug/l	95
70) Styrene	12.134	104	66865	21.196	ug/l	98
71) Bromoform	12.298	173	11027	22.474	ug/l #	97
73) Isopropylbenzene	12.422	105	105175	20.792	ug/l	100
74) N-amyl acetate	12.234	43	16672	21.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	17923	22.399	ug/l	93
76) 1,2,3-Trichloropropane	12.716	75	20129	37.458	ug/l	20
77) Bromobenzene	12.698	156	23221	20.291	ug/l	96
78) n-propylbenzene	12.763	91	127830	20.888	ug/l	99
79) 2-Chlorotoluene	12.845	91	68476	20.847	ug/l	100
80) 1,3,5-Trimethylbenzene	12.898	105	86984	21.158	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	4363	20.595	ug/l	97
82) 4-Chlorotoluene	12.945	91	70419	21.359	ug/l	98
83) tert-Butylbenzene	13.163	119	72121	20.034	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	85042	20.881	ug/l	99
85) sec-Butylbenzene	13.339	105	113580	20.706	ug/l	99
86) p-Isopropyltoluene	13.457	119	92968	20.412	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	49611	21.159	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	49180	21.136	ug/l	98
89) n-Butylbenzene	13.786	91	87657	20.603	ug/l	99
90) Hexachloroethane	14.051	117	16581	20.619	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	41616	20.807	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	2222	20.313	ug/l	95
93) 1,2,4-Trichlorobenzene	15.092	180	26870	20.374	ug/l	99
94) Hexachlorobutadiene	15.198	225	14083	20.538	ug/l	98
95) Naphthalene	15.328	128	50654	20.338	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	23189	20.598	ug/l	99

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

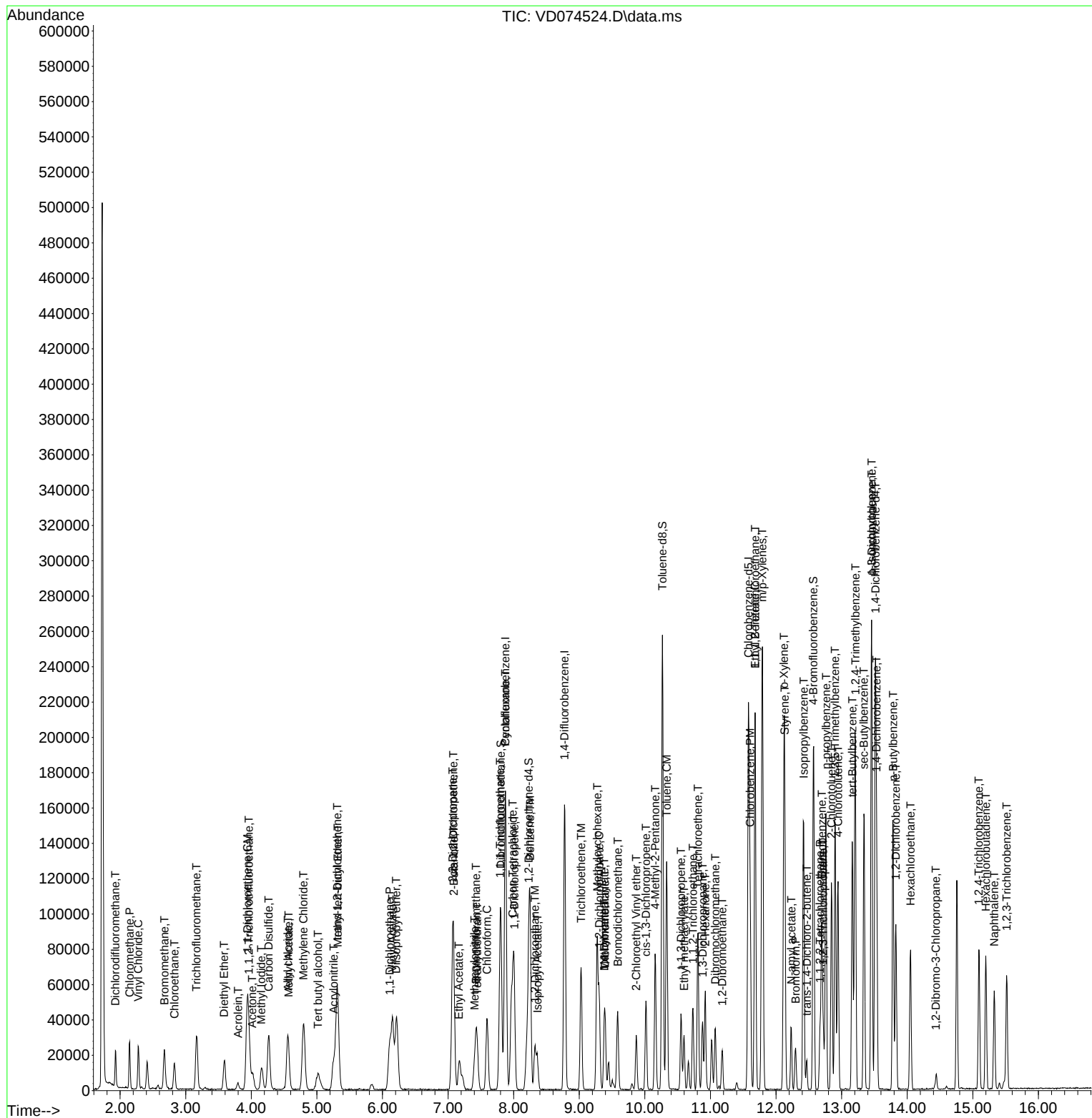
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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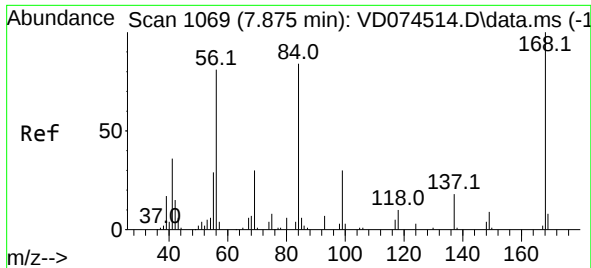
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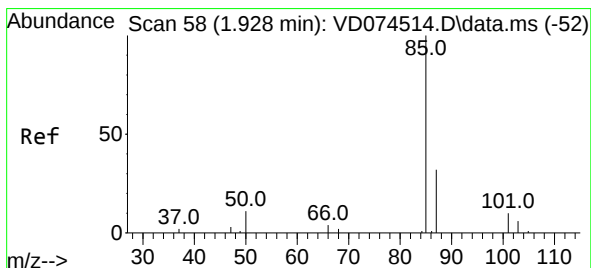
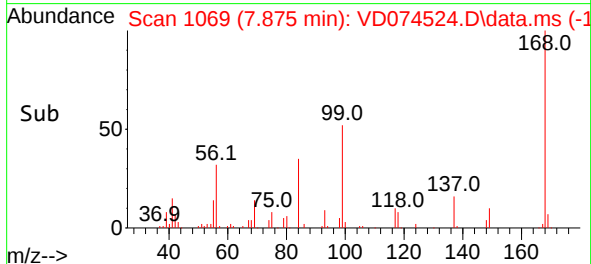
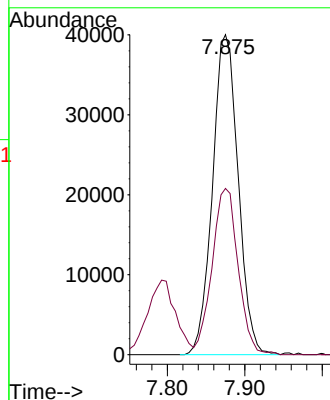
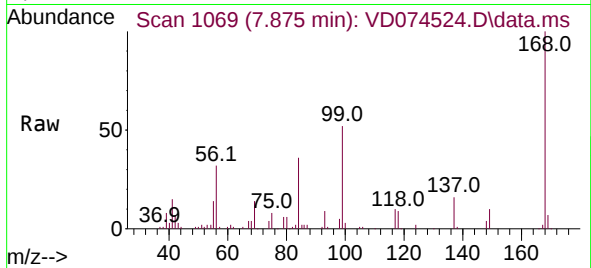




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074524.D
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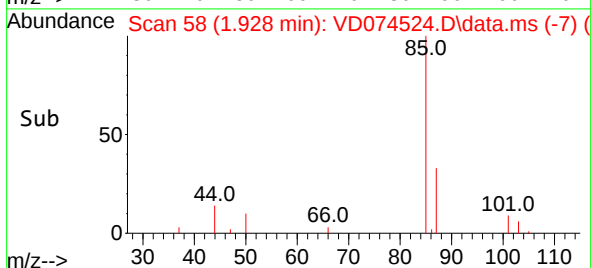
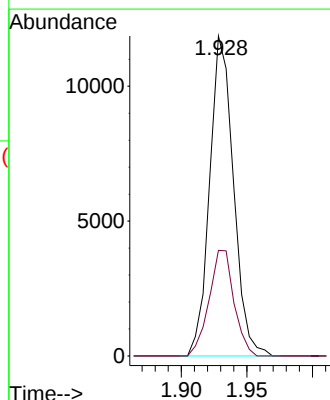
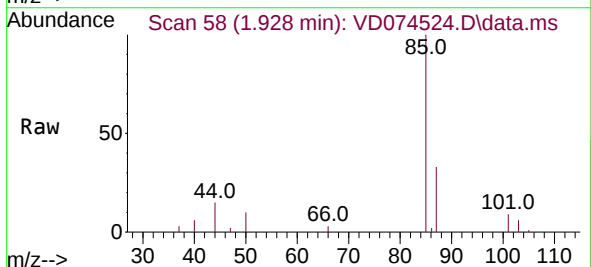
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

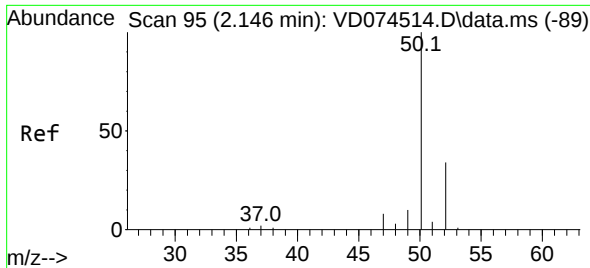
Tgt Ion:168 Resp: 92090
Ion Ratio Lower Upper
168 100
99 51.9 40.9 61.3



#2
Dichlorodifluoromethane
Concen: 16.854 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 85 Resp: 15006
Ion Ratio Lower Upper
85 100
87 33.0 17.5 52.6

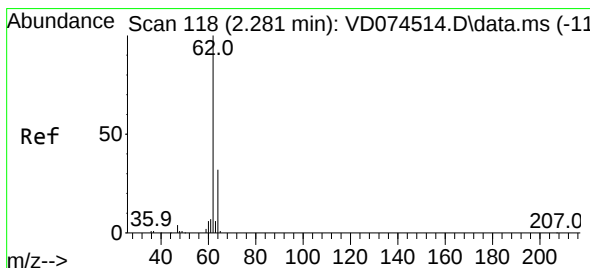
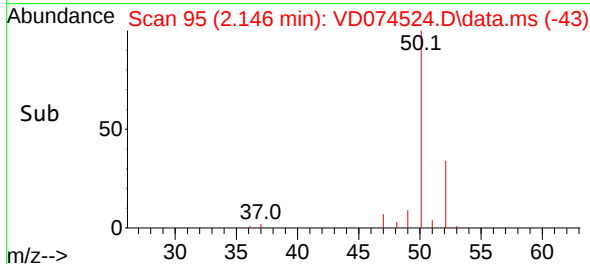
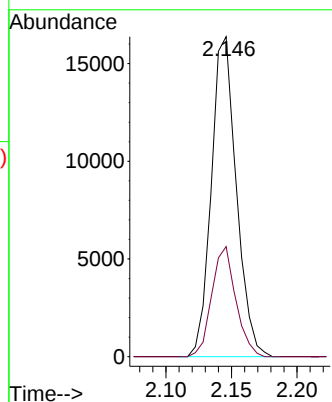
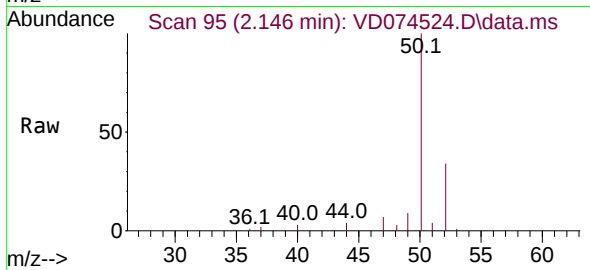




#3
Chloromethane
Concen: 19.624 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

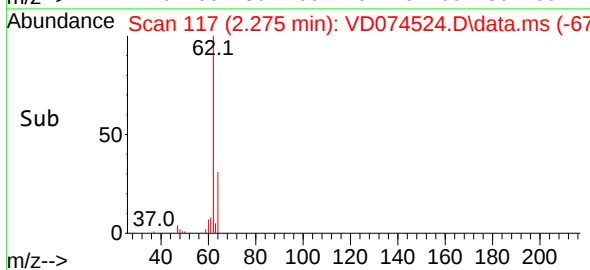
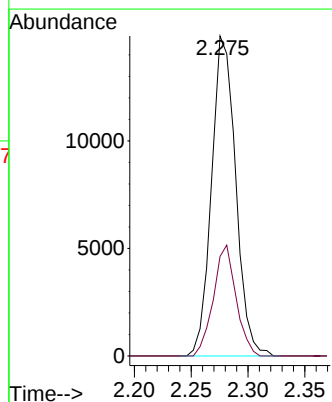
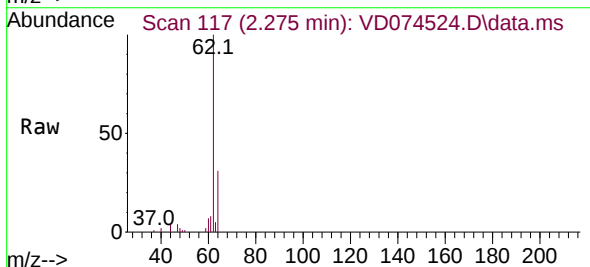
Instrument :
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ClientSampleId :
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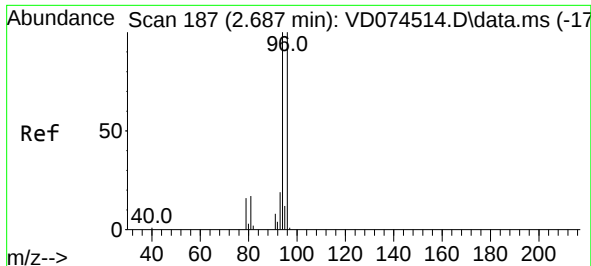
Tgt Ion: 50 Resp: 21745
Ion Ratio Lower Upper
50 100
52 34.4 30.0 45.0



#4
Vinyl Chloride
Concen: 19.187 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 62 Resp: 21994
Ion Ratio Lower Upper
62 100
64 31.1 25.5 38.3

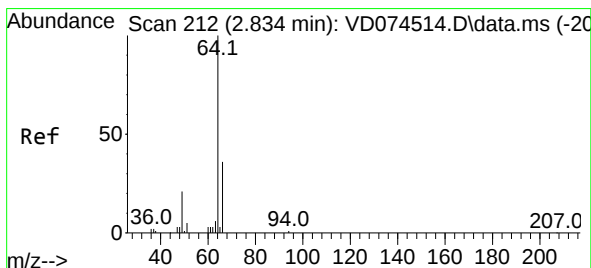
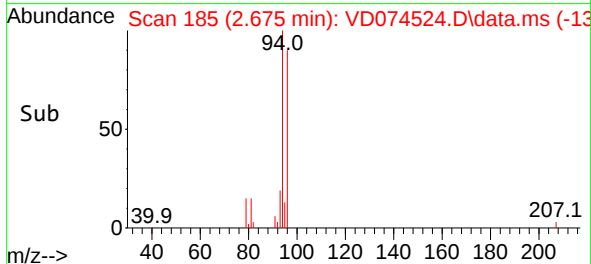
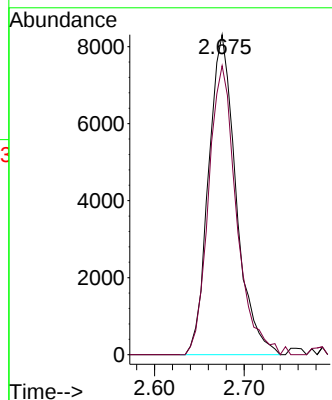
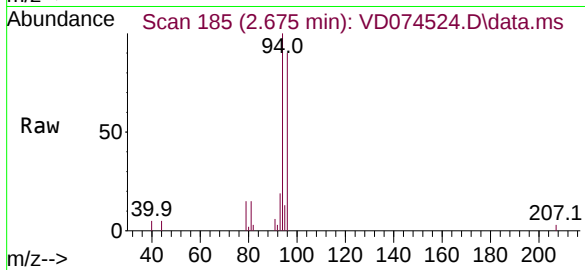




#5
Bromomethane
Concen: 21.766 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

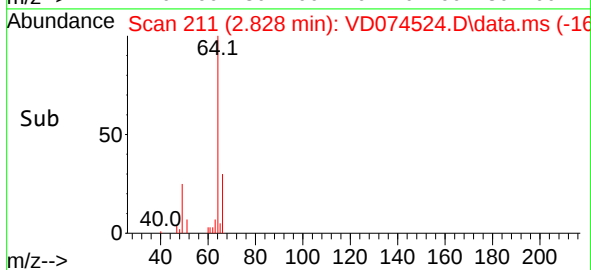
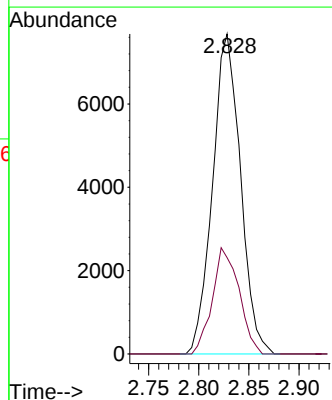
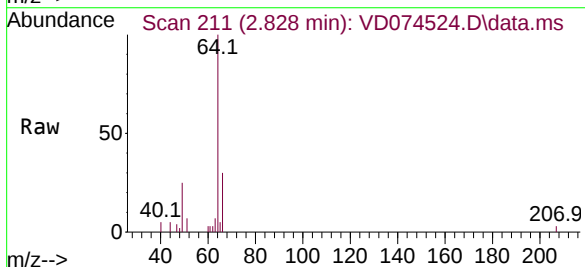
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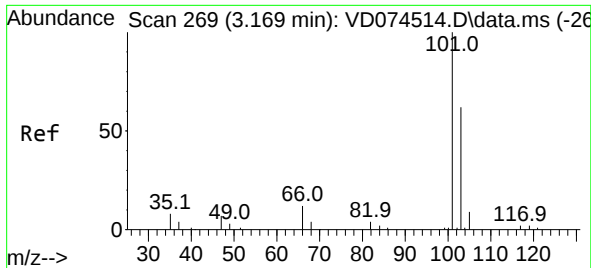
Tgt Ion: 94 Resp: 17701
Ion Ratio Lower Upper
94 100
96 90.3 74.6 112.0



#6
Chloroethane
Concen: 19.421 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 64 Resp: 14853
Ion Ratio Lower Upper
64 100
66 30.1 25.8 38.8

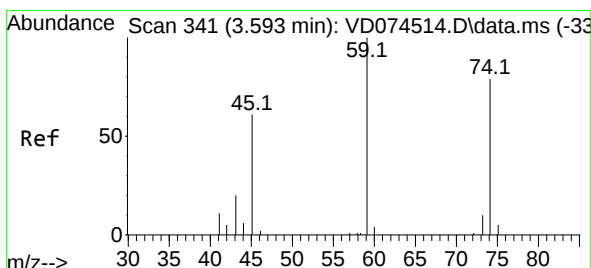
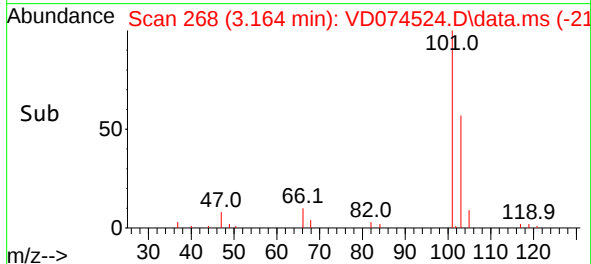
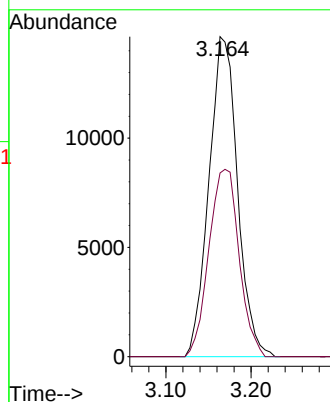
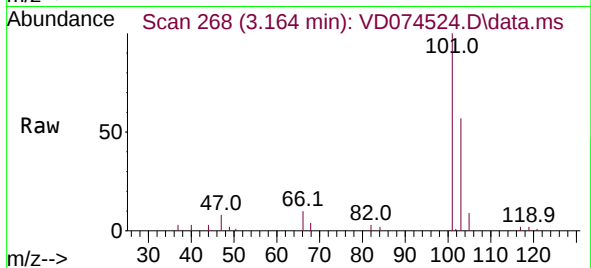




#7
Trichlorofluoromethane
Concen: 19.436 ug/l
RT: 3.164 min Scan# 2
Delta R.T. -0.005 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

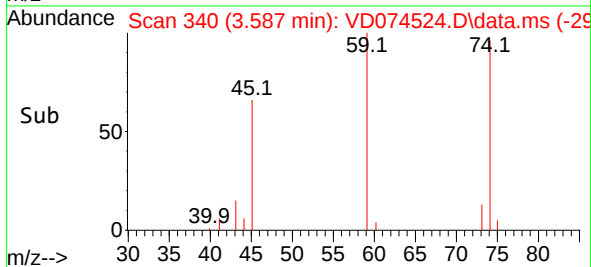
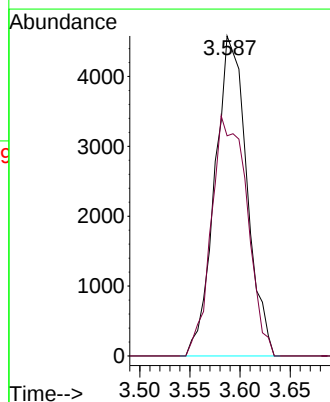
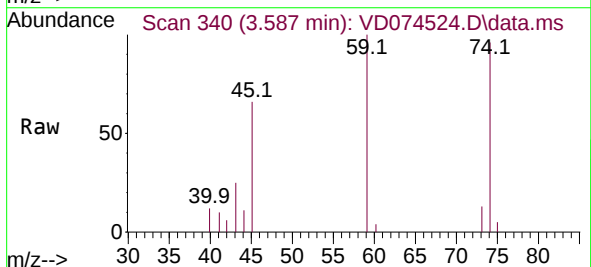
Instrument :
MSVOA_D
ClientSampleId :
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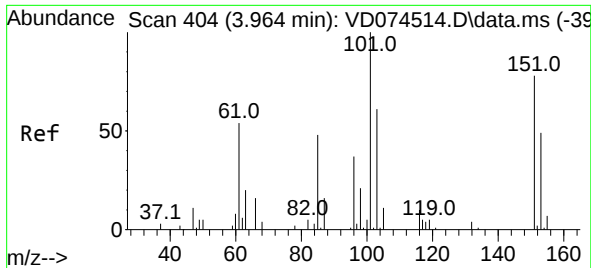
Tgt Ion:101 Resp: 34095
Ion Ratio Lower Upper
101 100
103 57.4 49.8 74.8



#8
Diethyl Ether
Concen: 19.281 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 74 Resp: 10153
Ion Ratio Lower Upper
74 100
45 83.6 37.9 113.6

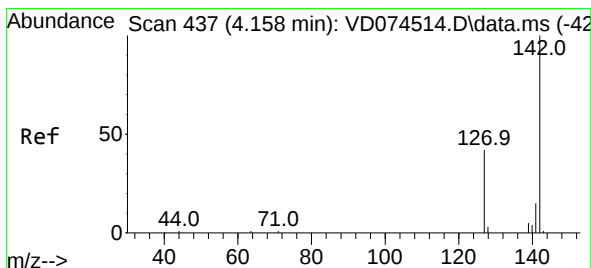
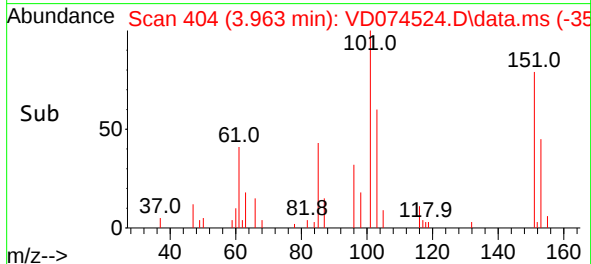
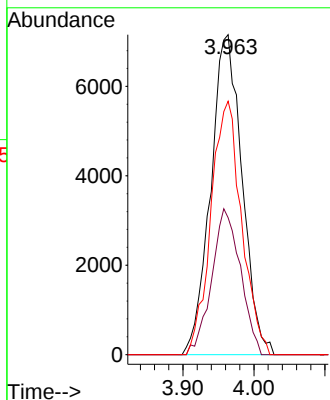
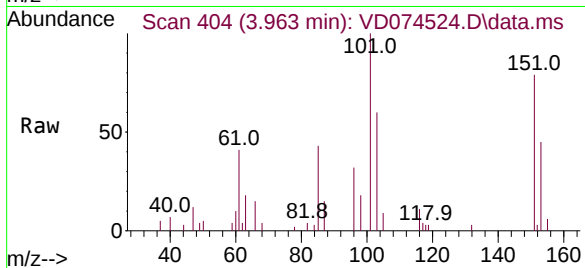




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.622 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

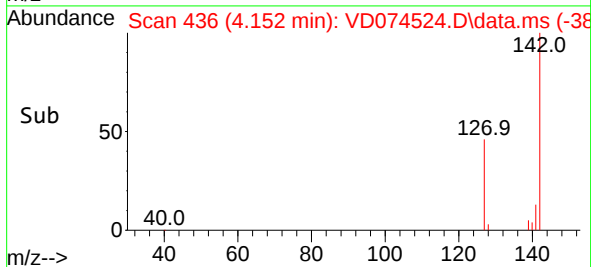
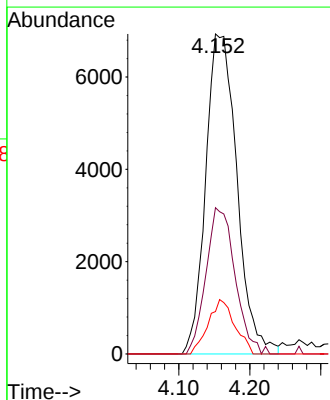
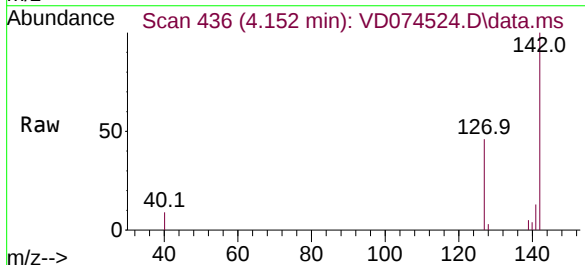
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

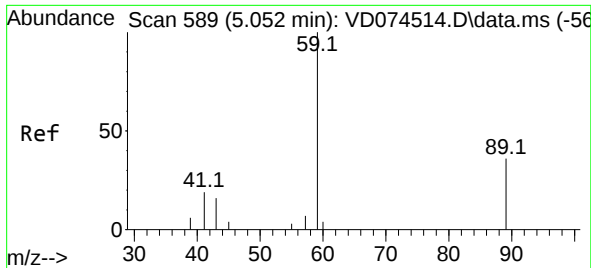
Tgt Ion:101	Resp:	21956
Ion	Ratio	Lower Upper
101	100	
85	41.7	34.1 51.1
151	77.2	61.7 92.5



#10
Methyl Iodide
Concen: 17.191 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion:142	Resp:	21176
Ion	Ratio	Lower Upper
142	100	
127	42.6	31.9 47.9
141	14.4	11.4 17.2

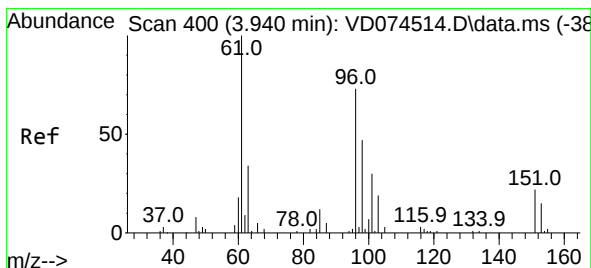
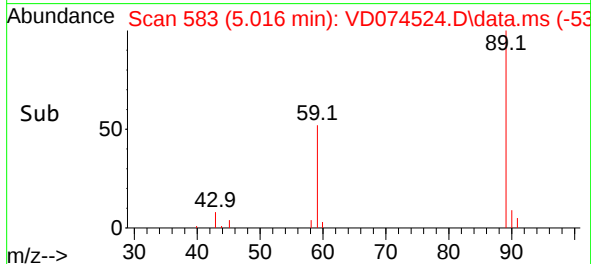
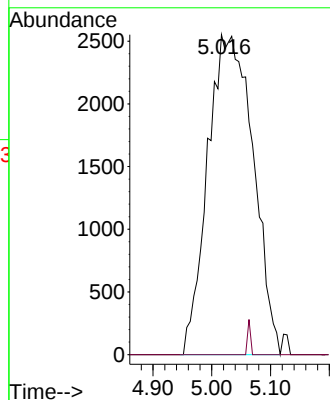
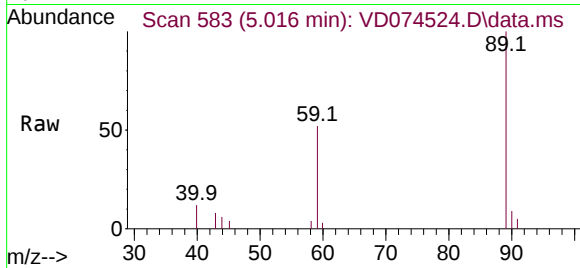




#11
Tert butyl alcohol
Concen: 87.742 ug/l
RT: 5.016 min Scan# 51
Delta R.T. -0.036 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

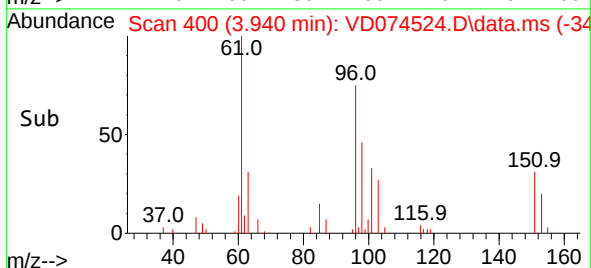
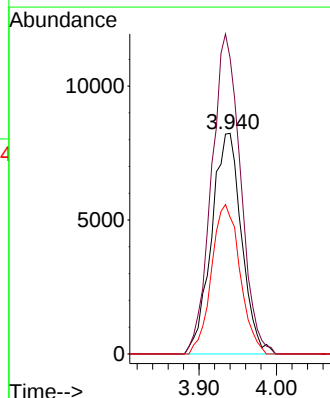
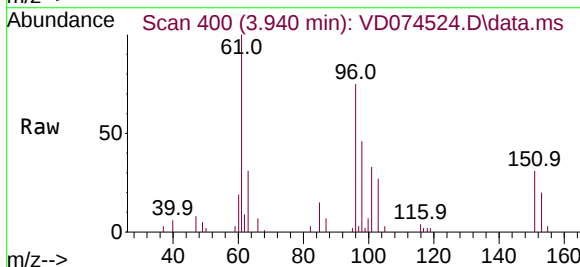
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

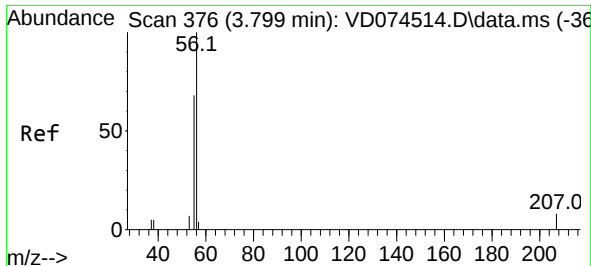
Tgt Ion: 59 Resp: 13709
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#12
1,1-Dichloroethene
Concen: 18.455 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

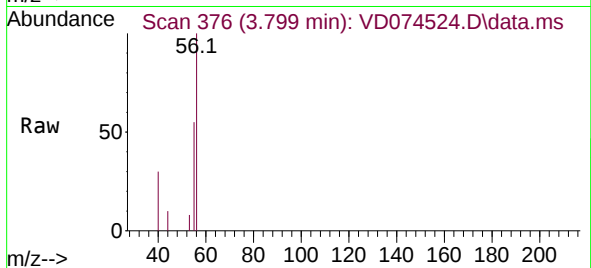
Tgt Ion: 96 Resp: 22164
Ion Ratio Lower Upper
96 100
61 134.1 113.9 170.9
98 61.9 51.8 77.8



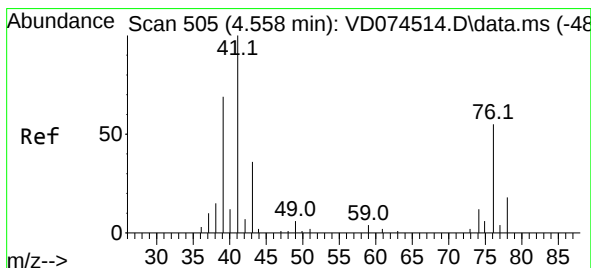
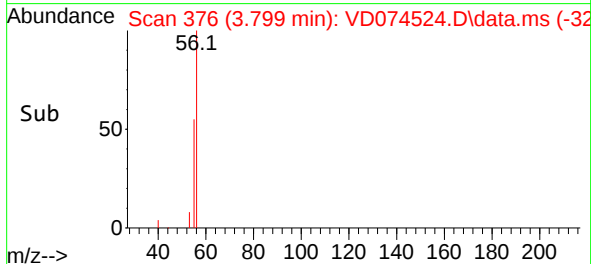
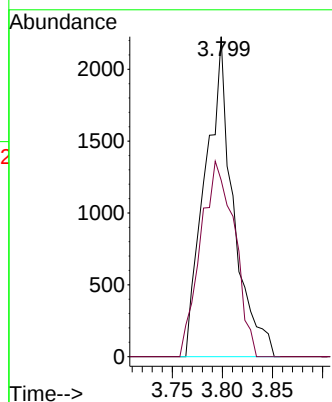


#13
Acrolein
Concen: 106.697 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

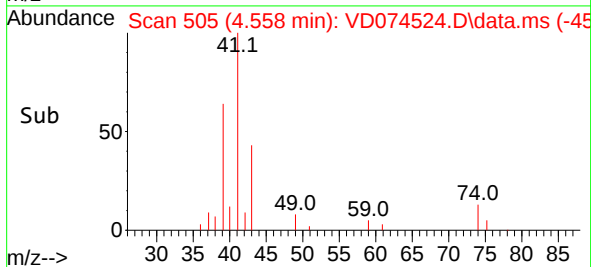
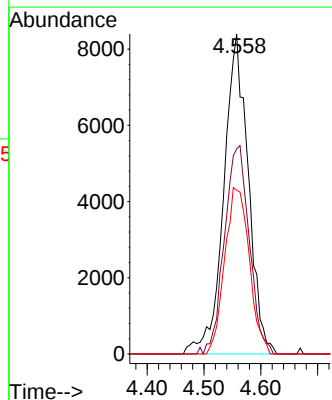
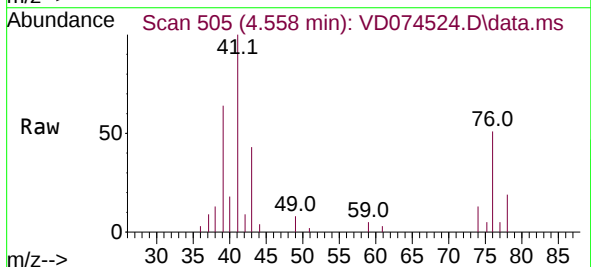


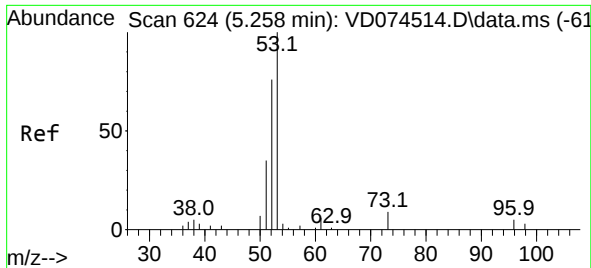
Tgt Ion: 56 Resp: 4322
Ion Ratio Lower Upper
56 100
55 74.3 54.0 81.0



#14
Allyl chloride
Concen: 19.230 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 41 Resp: 25141
Ion Ratio Lower Upper
41 100
39 66.1 53.4 80.2
76 52.2 42.4 63.6

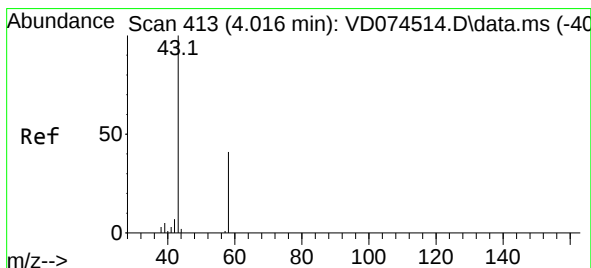
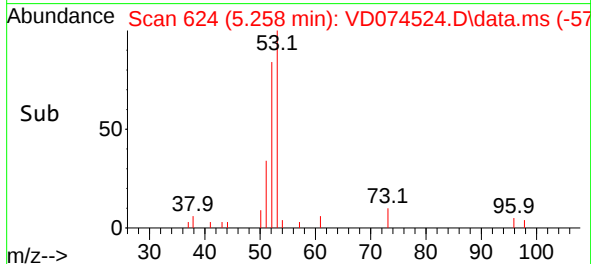
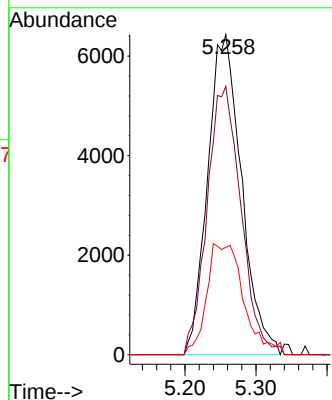
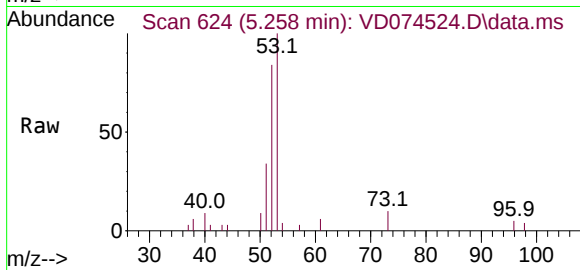




#15
Acrylonitrile
Concen: 101.418 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

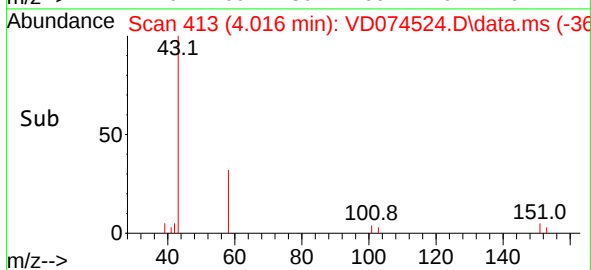
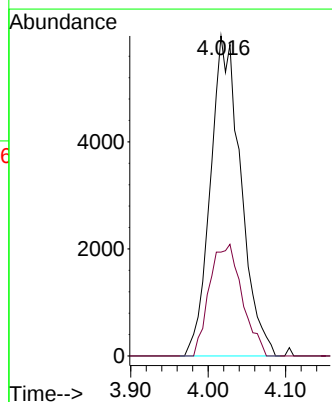
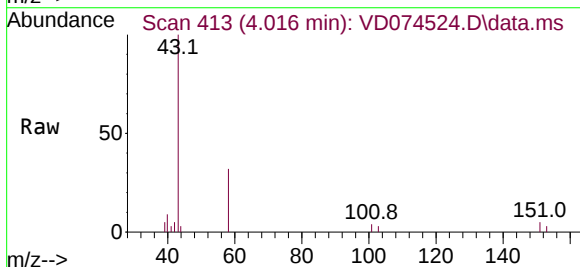
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

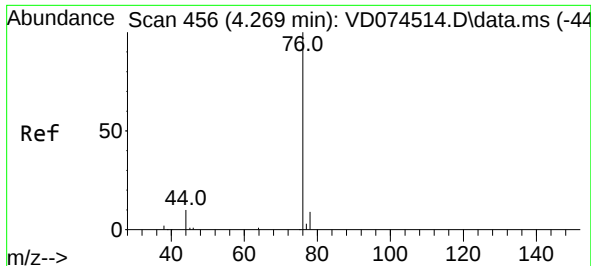
Tgt Ion: 53	Resp:	21259	
Ion	Ratio	Lower	Upper
53	100		
52	83.8	66.0	99.0
51	37.8	28.3	42.5



#16
Acetone
Concen: 95.581 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 43	Resp: 16343
Ion Ratio	Lower Upper
43 100	
58 32.5	30.2 45.2

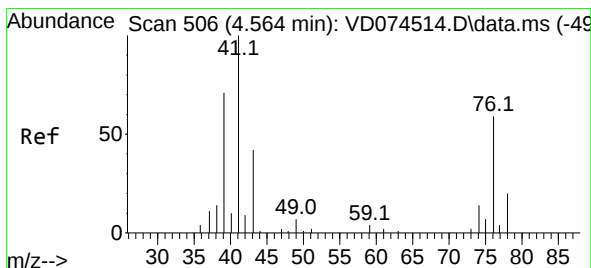
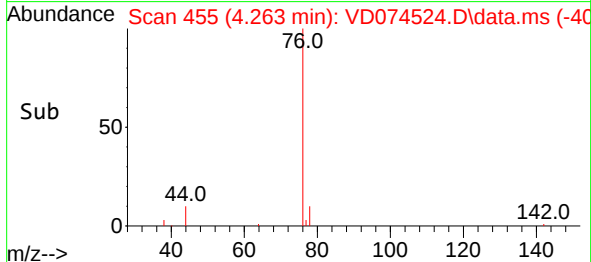
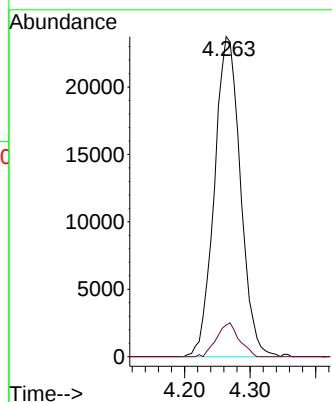
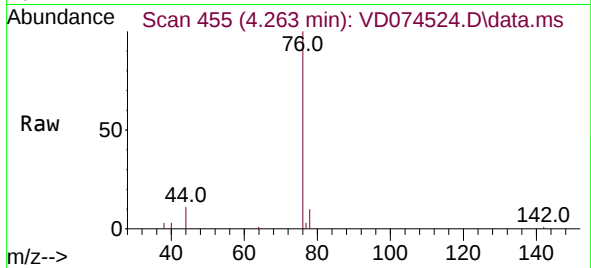




#17
Carbon Disulfide
Concen: 18.402 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

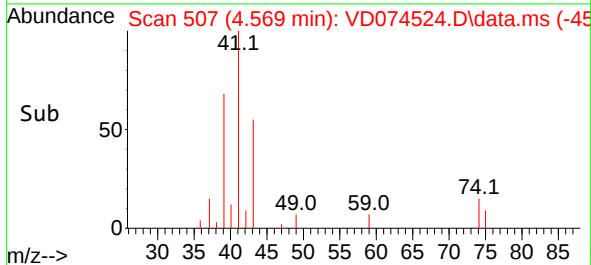
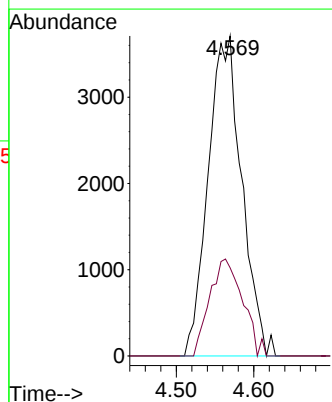
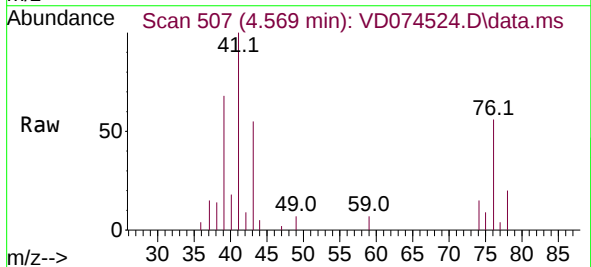
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

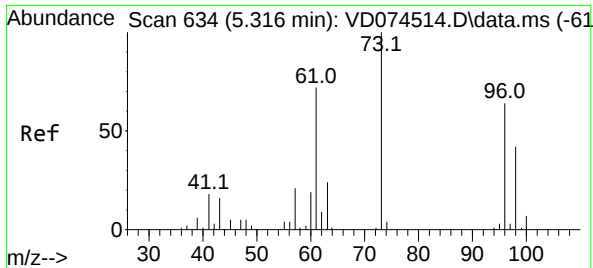
Tgt Ion: 76 Resp: 65341
Ion Ratio Lower Upper
76 100
78 9.9 7.8 11.8



#18
Methyl Acetate
Concen: 20.541 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.011 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 43 Resp: 11176
Ion Ratio Lower Upper
43 100
74 29.8 24.7 37.1





#19

Methyl tert-butyl Ether

Concen: 19.837 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

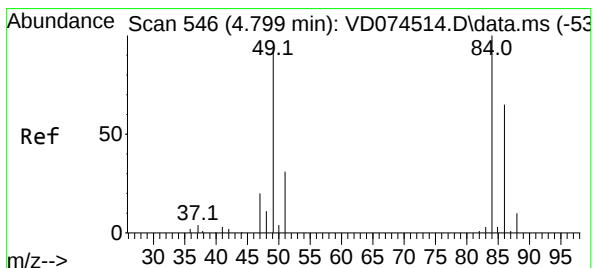
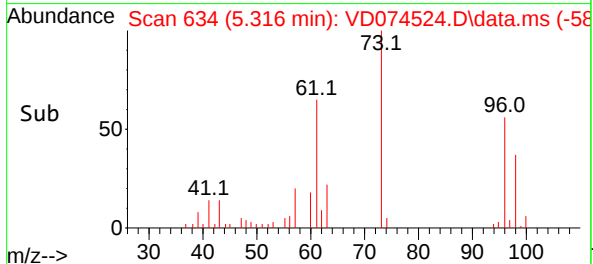
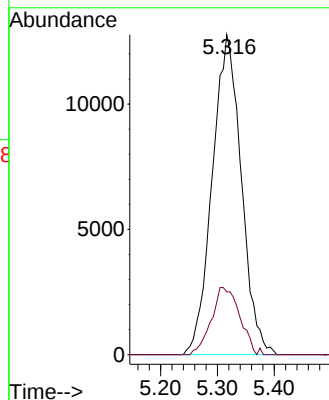
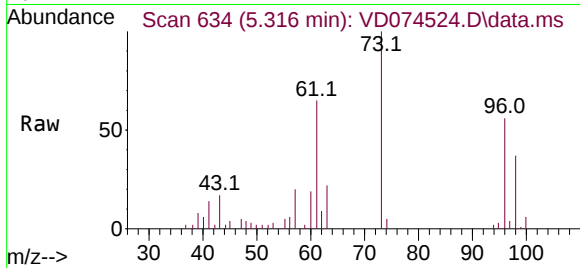
VD1013SBS01

Tgt Ion: 73 Resp: 45334

Ion Ratio Lower Upper

73 100

57 19.6 16.1 24.1



#20

Methylene Chloride

Concen: 18.801 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Tgt Ion: 84 Resp: 32593

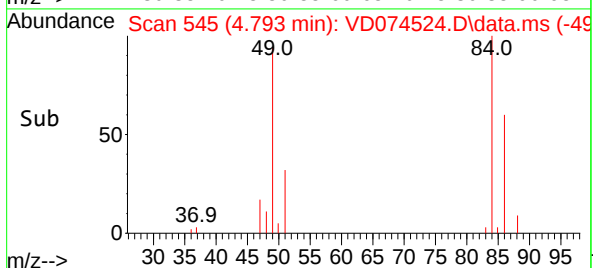
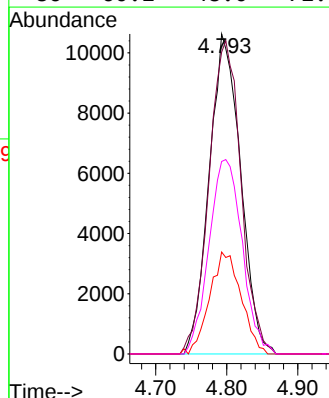
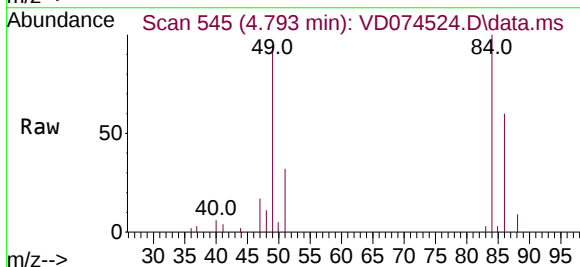
Ion Ratio Lower Upper

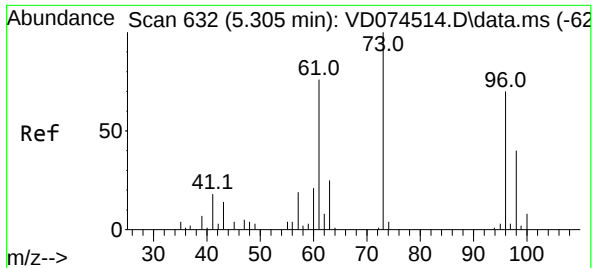
84 100

49 94.3 68.0 102.0

51 31.9 23.2 34.8

86 60.2 48.0 72.0

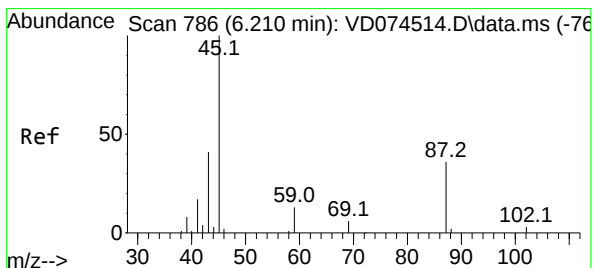
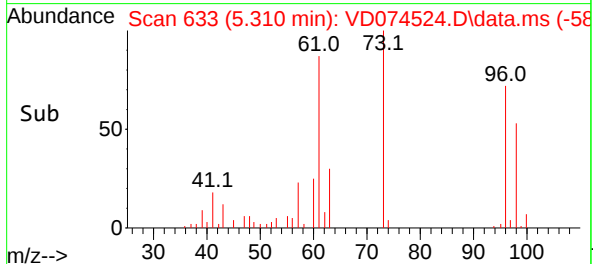
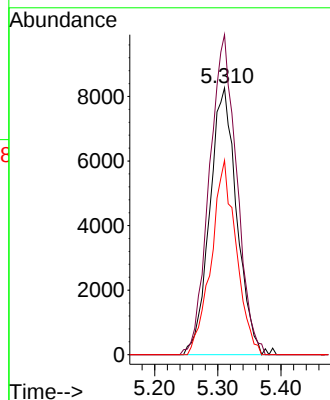
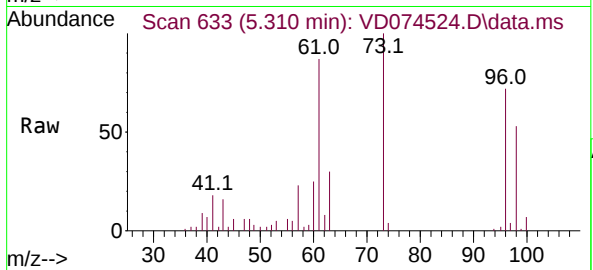




#21
trans-1,2-Dichloroethene
Concen: 19.059 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

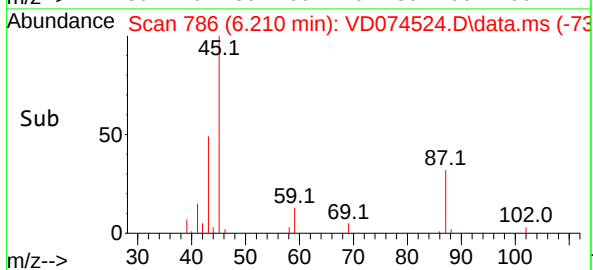
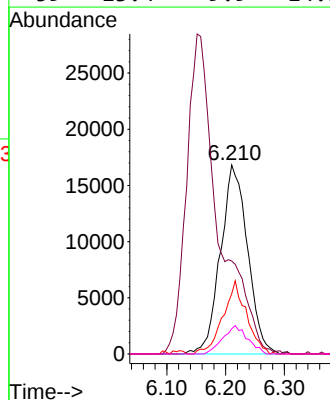
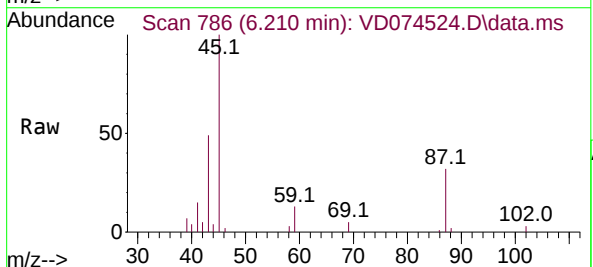
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

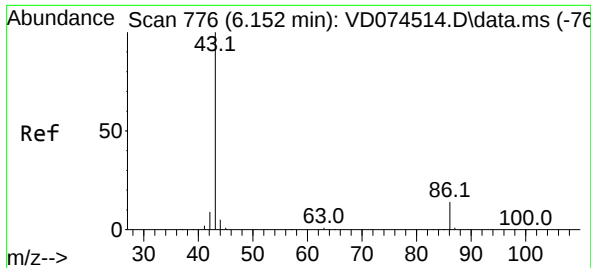
Tgt Ion: 96 Resp: 24654
Ion Ratio Lower Upper
96 100
61 120.0 95.7 143.5
98 72.8 54.8 82.2



#22
Diisopropyl ether
Concen: 20.621 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 45 Resp: 53903
Ion Ratio Lower Upper
45 100
43 47.6 37.8 56.6
87 31.9 26.6 40.0
59 13.4 9.9 14.9

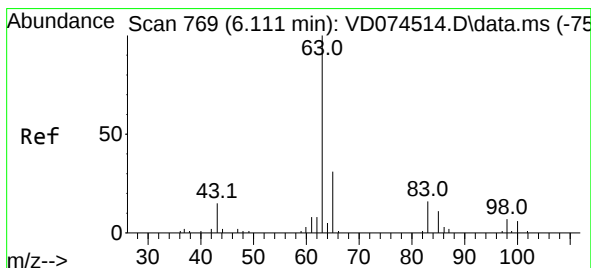
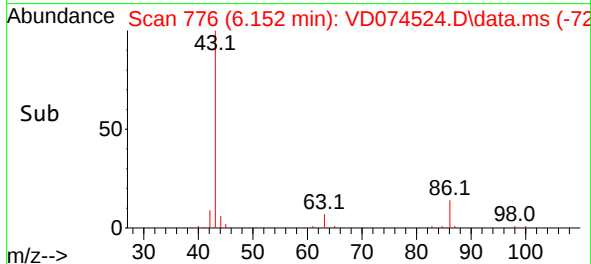
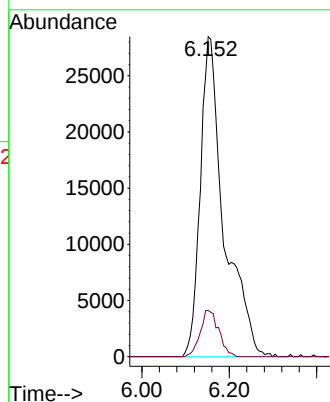
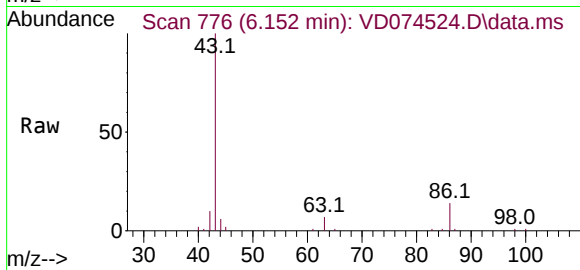




#23
 Vinyl Acetate
 Concen: 94.845 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.005 min
 Lab File: VD074524.D
 Acq: 13 Oct 2022 12:49

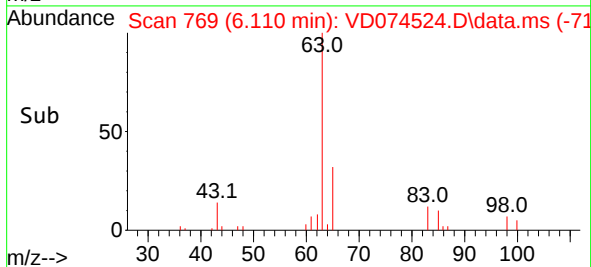
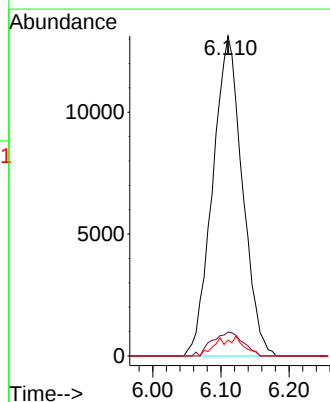
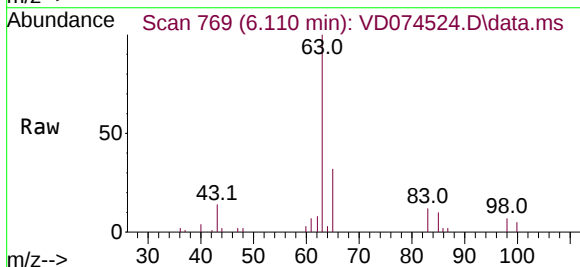
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBS01

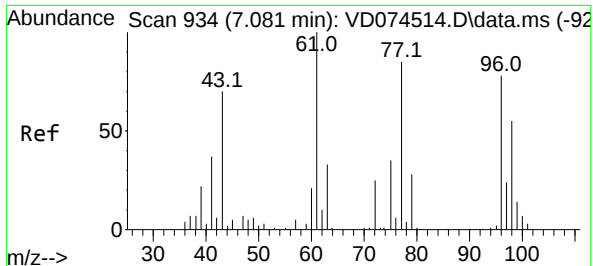
Tgt Ion: 43 Resp: 107634
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 19.687 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.005 min
 Lab File: VD074524.D
 Acq: 13 Oct 2022 12:49

Tgt Ion: 63 Resp: 39837
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.6 13.8
 100 4.9 2.9 8.6





#25

2-Butanone

Concen: 102.300 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

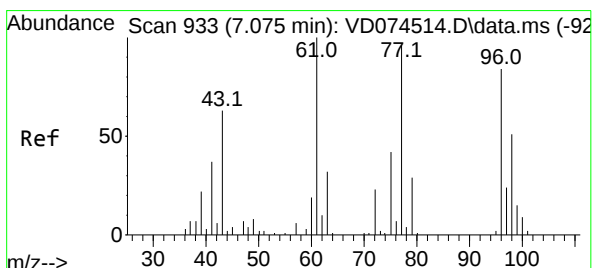
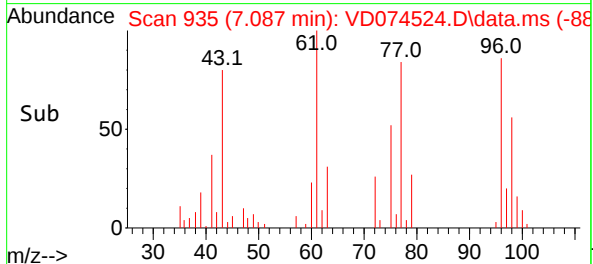
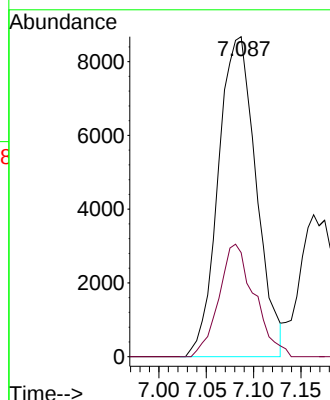
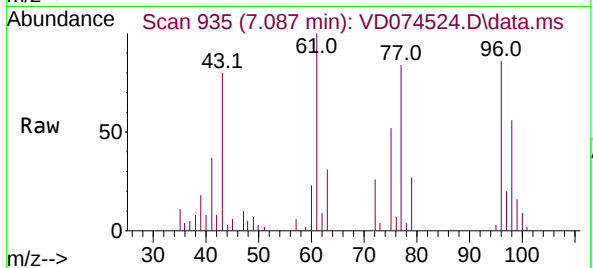
VD1013SBS01

Tgt Ion: 43 Resp: 24146

Ion Ratio Lower Upper

43 100

72 32.5 25.8 38.8



#26

2,2-Dichloropropane

Concen: 19.396 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD074524.D

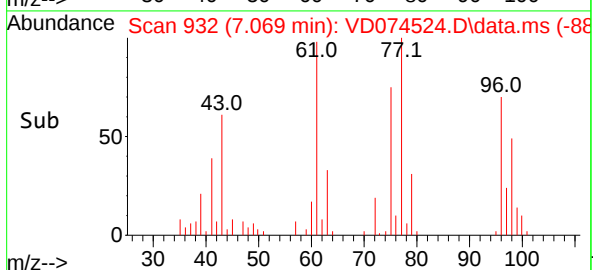
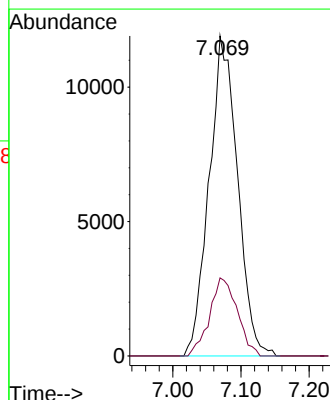
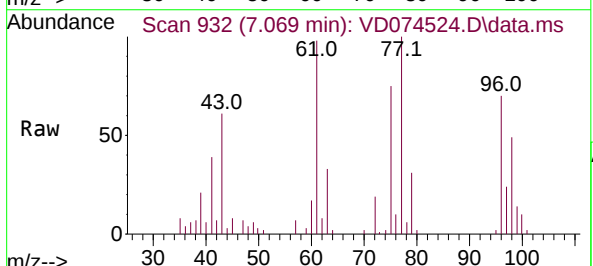
Acq: 13 Oct 2022 12:49

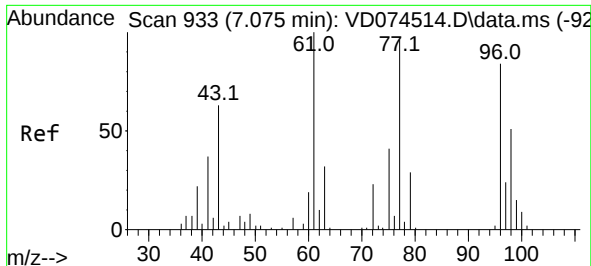
Tgt Ion: 77 Resp: 34548

Ion Ratio Lower Upper

77 100

97 23.8 12.5 37.5





#27

cis-1,2-Dichloroethene

Concen: 19.770 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

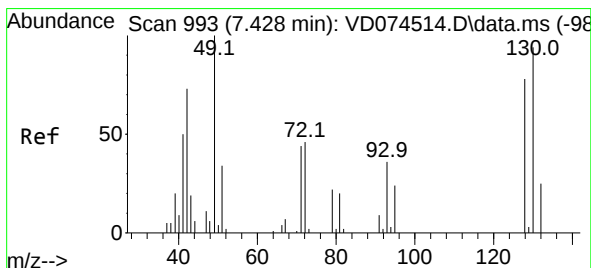
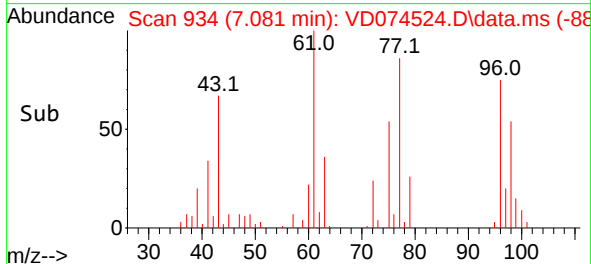
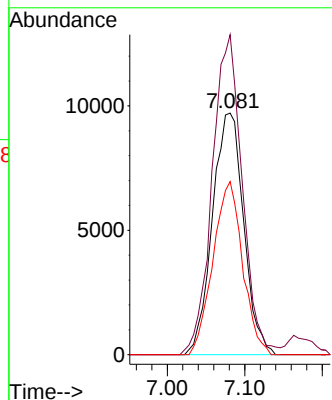
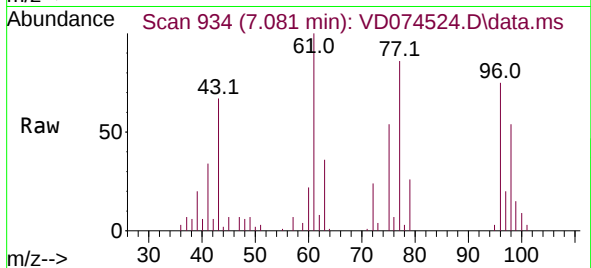
Tgt Ion: 96 Resp: 27238

Ion Ratio Lower Upper

96 100

61 127.2 0.0 242.4

98 67.7 0.0 130.0



#28

Bromochloromethane

Concen: 21.961 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

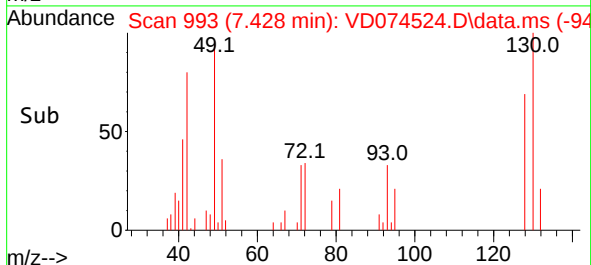
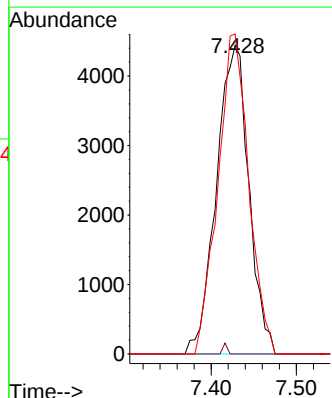
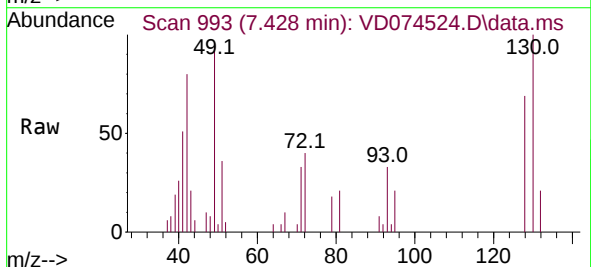
Tgt Ion: 49 Resp: 11733

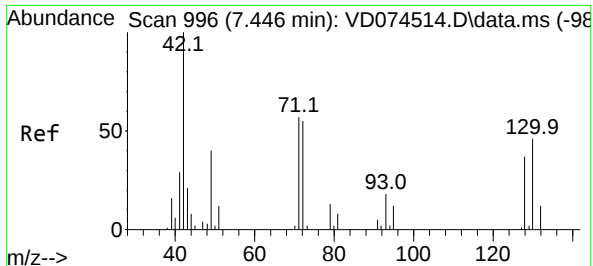
Ion Ratio Lower Upper

49 100

129 0.5 0.0 5.0

130 98.8 84.1 126.1





#29

Tetrahydrofuran

Concen: 107.994 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

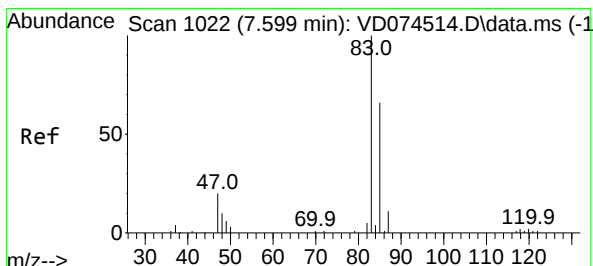
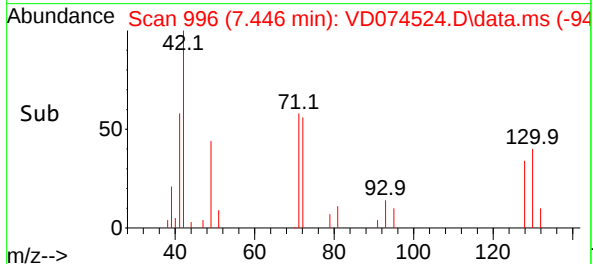
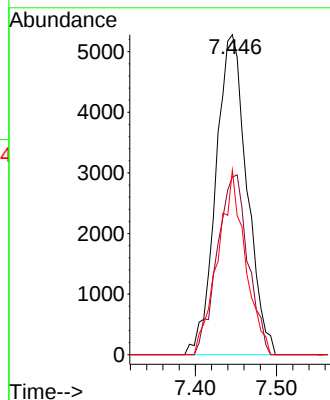
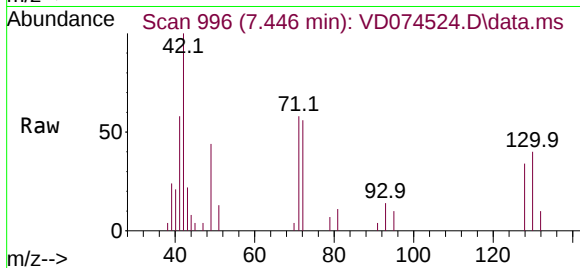
Tgt Ion: 42 Resp: 14057

Ion Ratio Lower Upper

42 100

72 55.8 45.8 68.6

71 50.9 44.6 66.8



#30

Chloroform

Concen: 21.352 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD074524.D

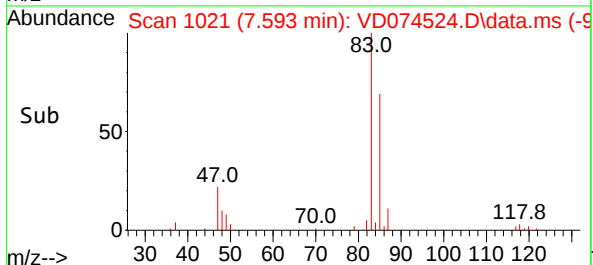
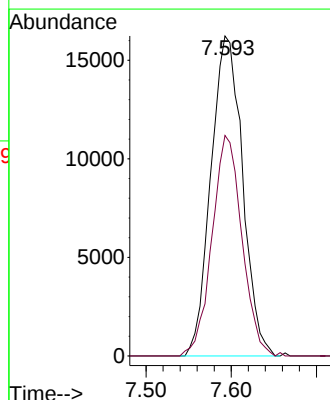
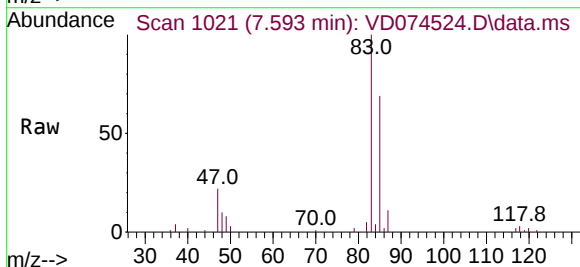
Acq: 13 Oct 2022 12:49

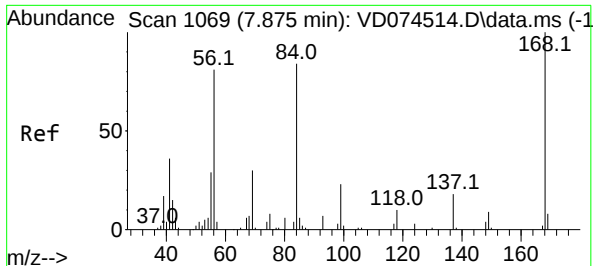
Tgt Ion: 83 Resp: 41861

Ion Ratio Lower Upper

83 100

85 68.9 52.0 78.0

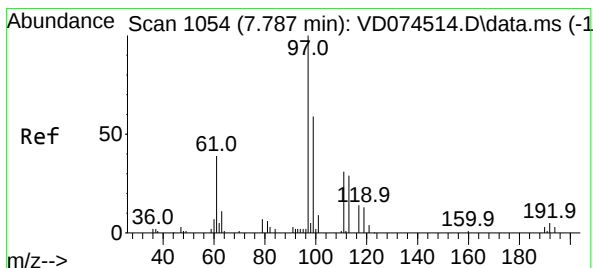
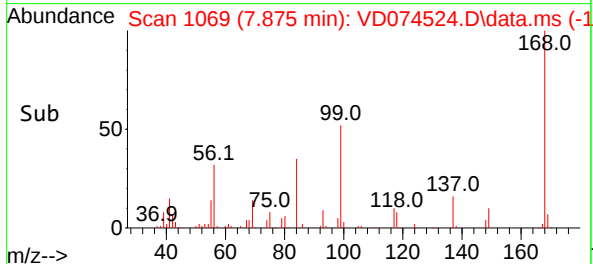
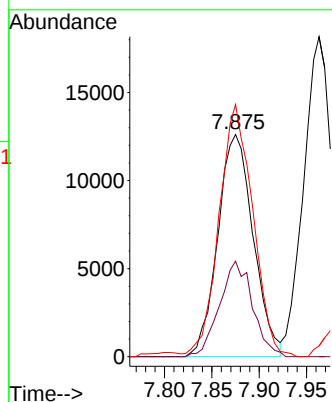
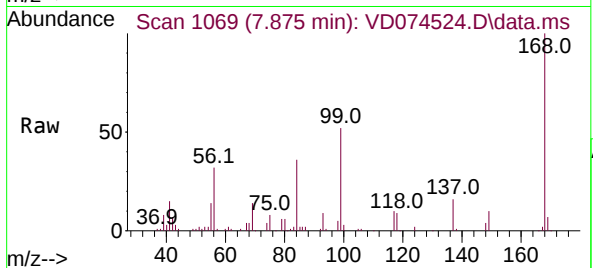




#31
Cyclohexane
Concen: 19.440 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

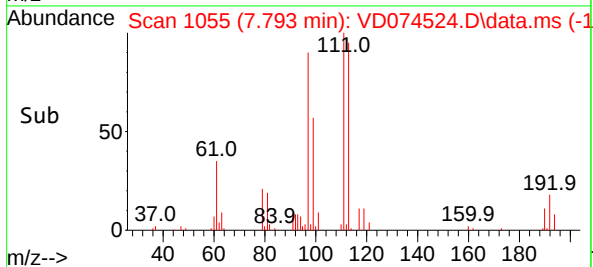
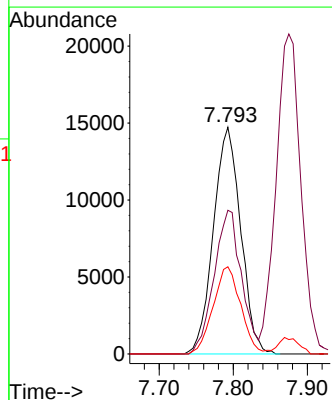
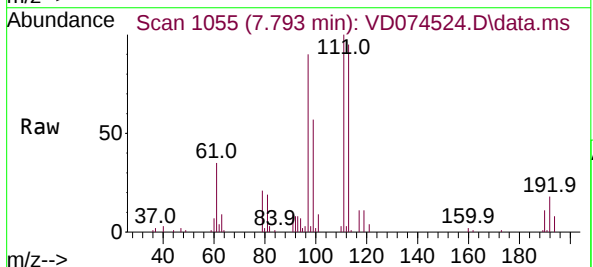
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

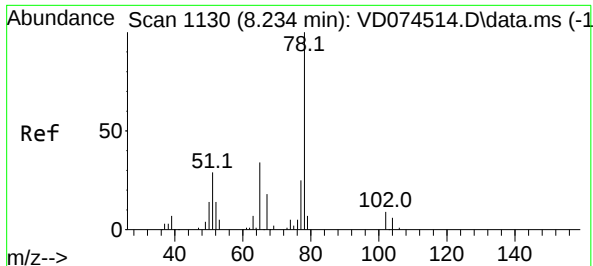
Tgt Ion: 56 Resp: 32787
Ion Ratio Lower Upper
56 100
69 43.0 29.2 43.8
84 112.2 83.4 125.2



#32
1,1,1-Trichloroethane
Concen: 21.209 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 97 Resp: 37653
Ion Ratio Lower Upper
97 100
99 63.5 53.3 79.9
61 38.7 30.2 45.4





#33

1,2-Dichloroethane-d4

Concen: 54.602 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

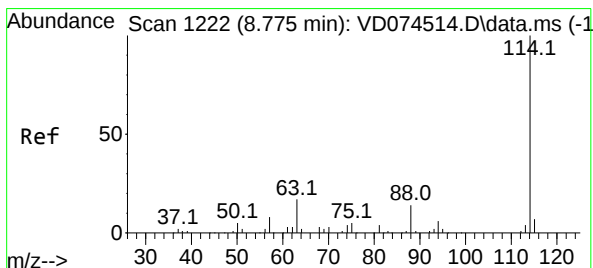
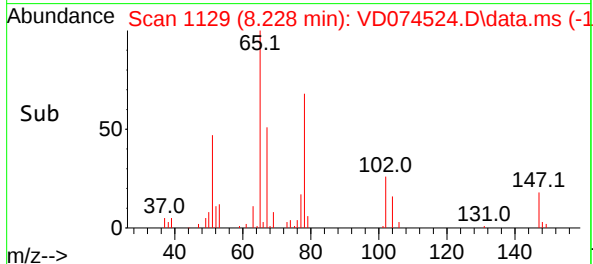
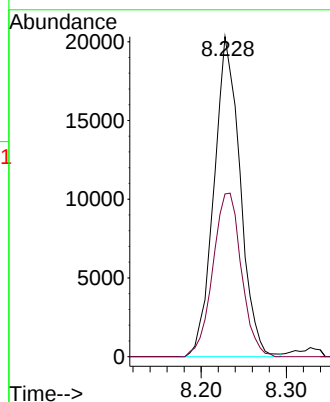
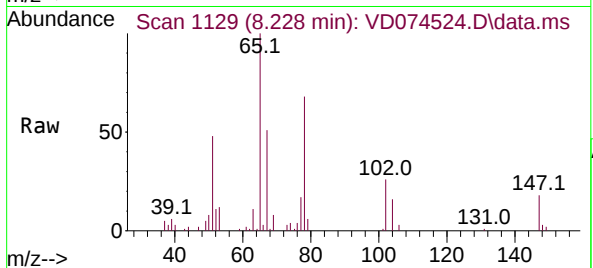
VD1013SBS01

Tgt Ion: 65 Resp: 43281

Ion Ratio Lower Upper

65 100

67 55.7 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: VD074524.D

Acq: 13 Oct 2022 12:49

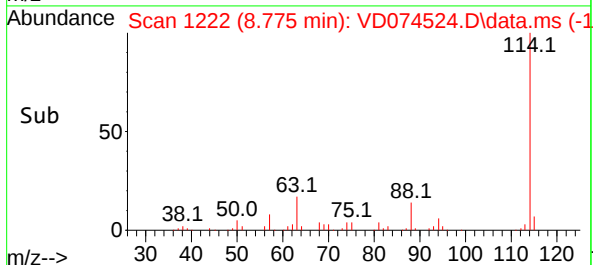
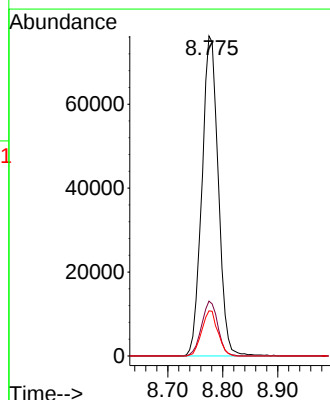
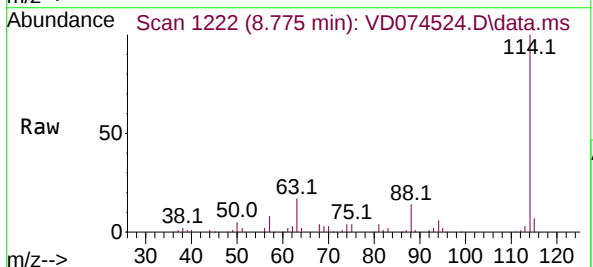
Tgt Ion: 114 Resp: 157652

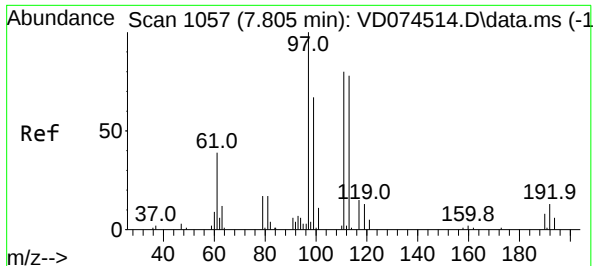
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.2

88 14.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 52.700 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

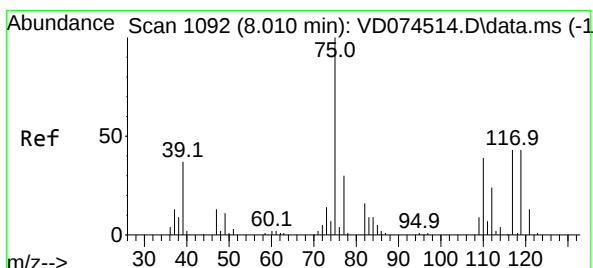
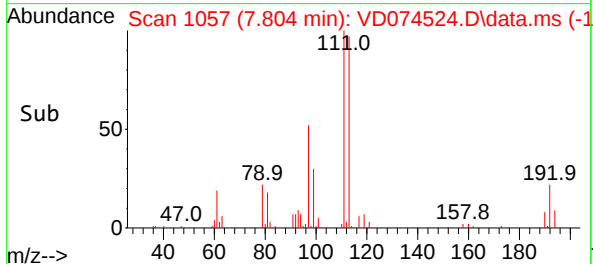
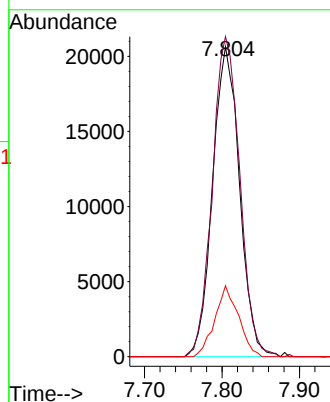
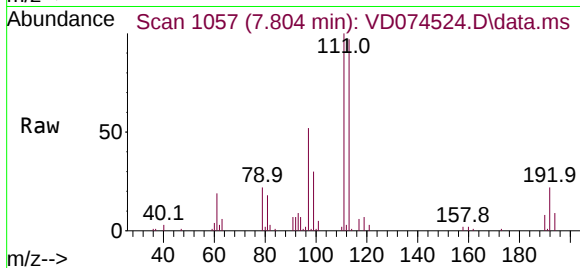
Tgt Ion:113 Resp: 49904

Ion Ratio Lower Upper

113 100

111 104.8 82.3 123.5

192 20.1 16.4 24.6



#36

1,1-Dichloropropene

Concen: 20.776 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.006 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

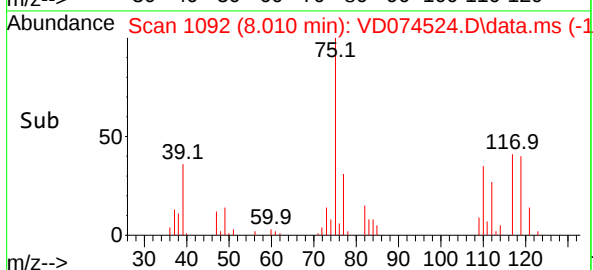
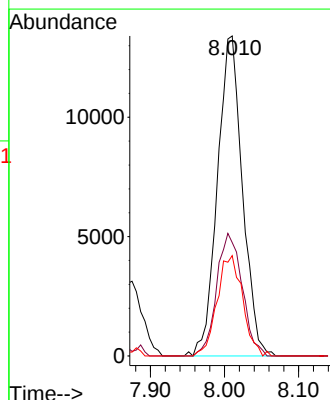
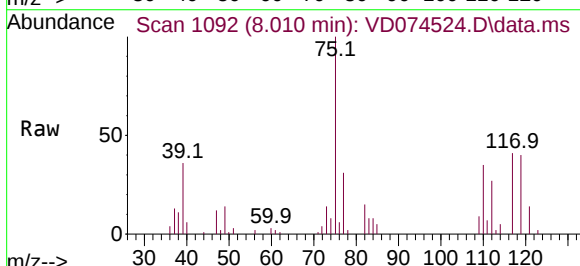
Tgt Ion: 75 Resp: 31434

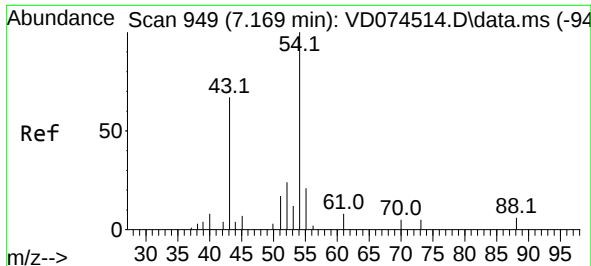
Ion Ratio Lower Upper

75 100

110 39.1 19.7 59.0

77 32.1 25.4 38.2





#37

Ethyl Acetate

Concen: 21.037 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

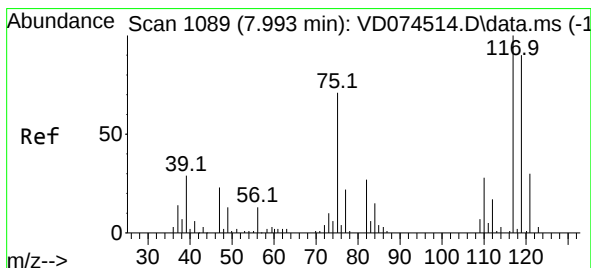
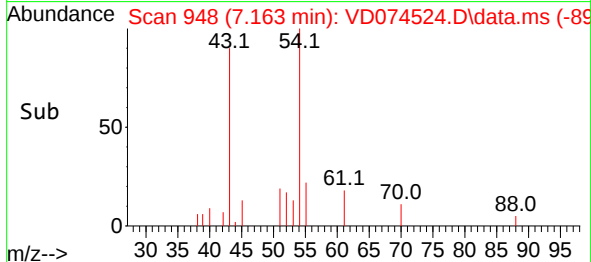
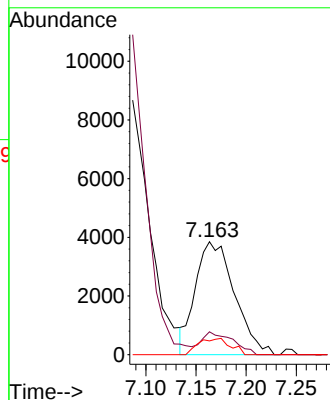
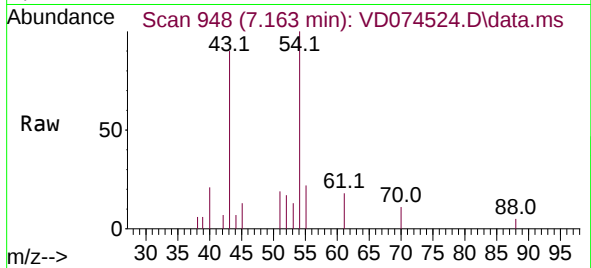
Tgt Ion: 43 Resp: 10447

Ion Ratio Lower Upper

43 100

61 16.3 12.2 18.4

70 11.7 9.6 14.4



#38

Carbon Tetrachloride

Concen: 21.372 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

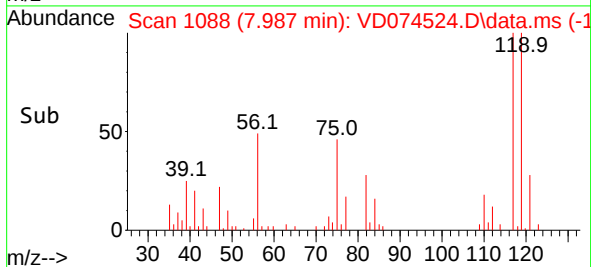
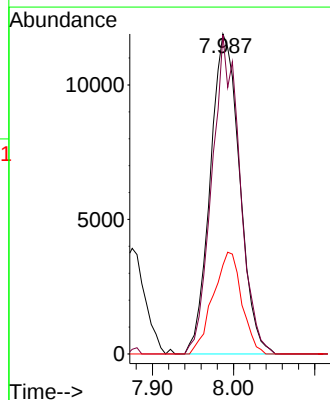
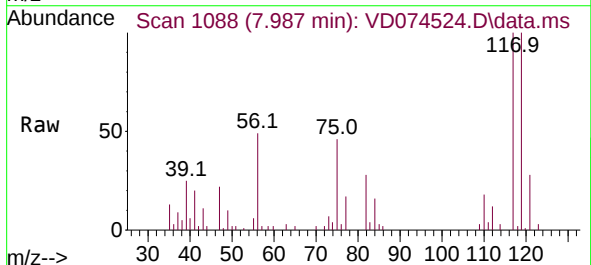
Tgt Ion: 117 Resp: 29898

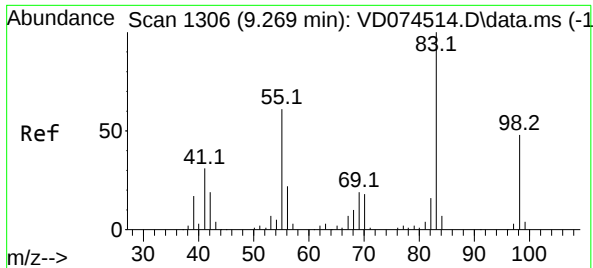
Ion Ratio Lower Upper

117 100

119 99.7 73.1 109.7

121 27.8 25.0 37.6





#39

Methylcyclohexane

Concen: 19.724 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.006 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

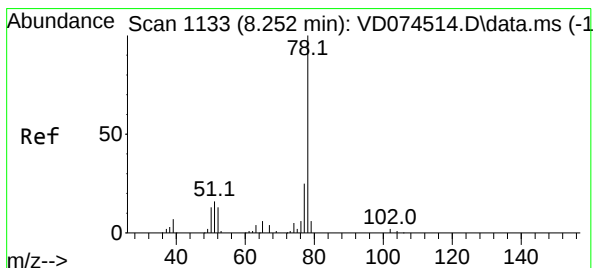
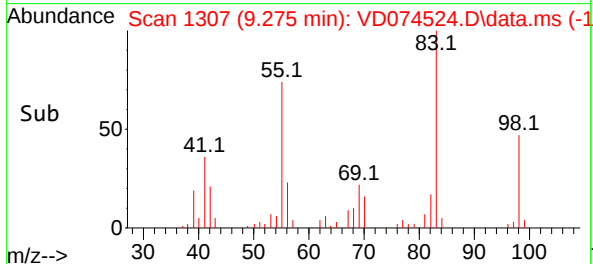
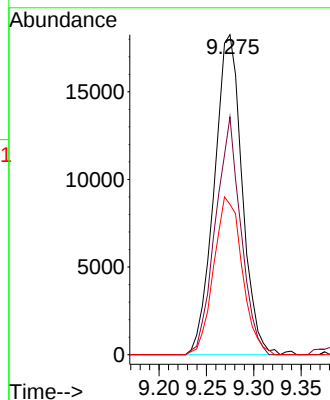
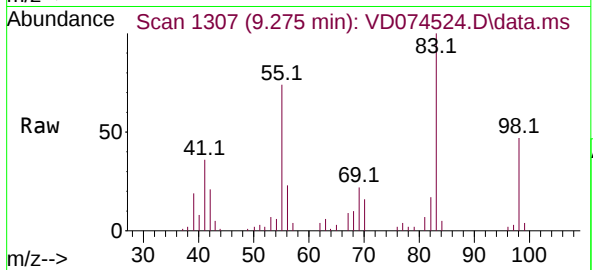
Tgt Ion: 83 Resp: 37353

Ion Ratio Lower Upper

83 100

55 74.3 49.0 73.4#

98 47.0 41.7 62.5



#40

Benzene

Concen: 21.002 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.001 min

Lab File: VD074524.D

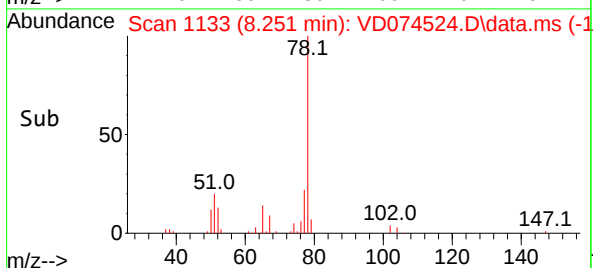
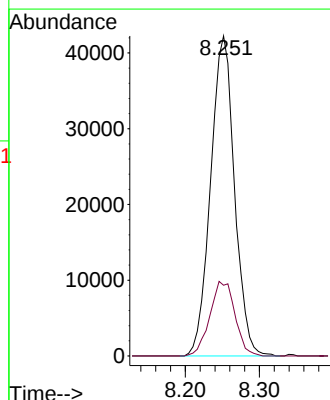
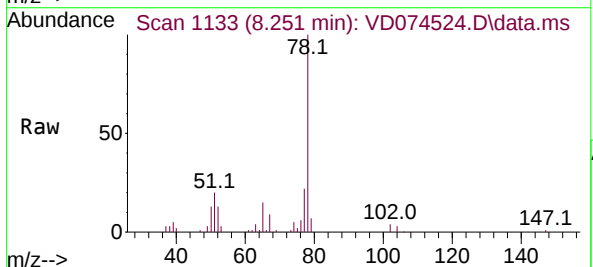
Acq: 13 Oct 2022 12:49

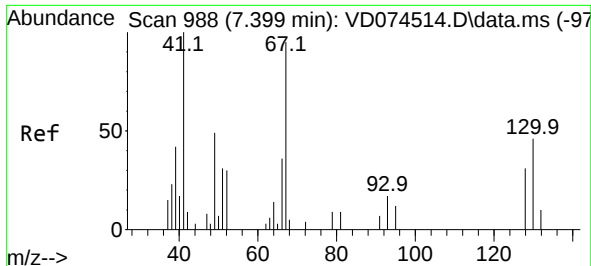
Tgt Ion: 78 Resp: 94576

Ion Ratio Lower Upper

78 100

77 22.1 20.1 30.1



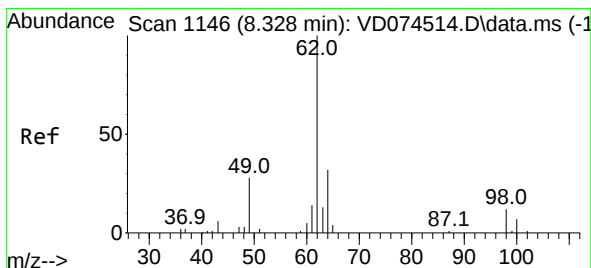
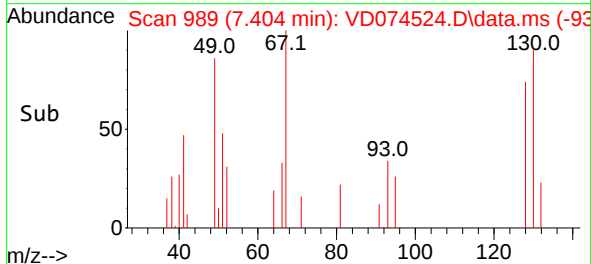
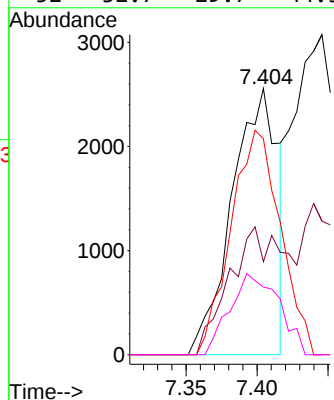
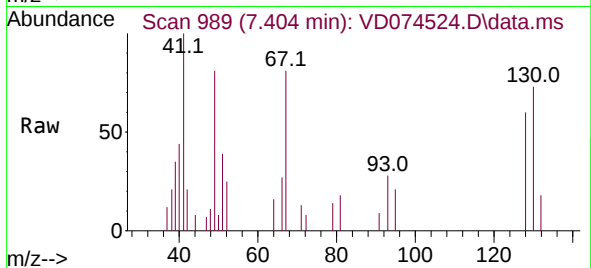


#41
Methacrylonitrile
Concen: 20.065 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

Tgt Ion: 41 Resp: 5717

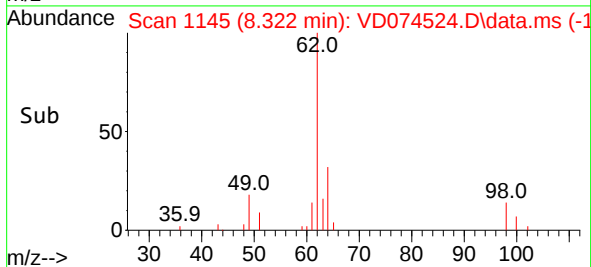
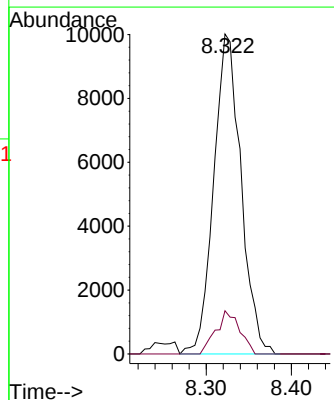
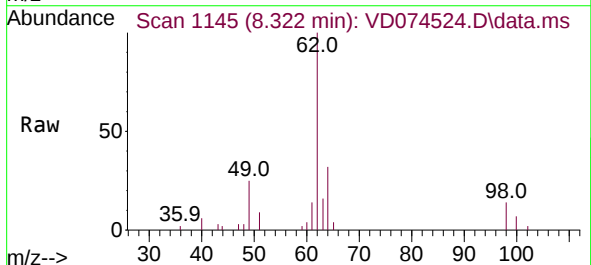
Ion	Ratio	Lower	Upper
41	100		
39	36.8	35.0	52.6
67	91.2	77.0	115.6
52	32.7	29.7	44.5

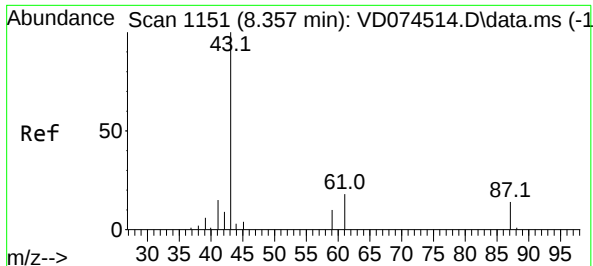


#42
1,2-Dichloroethane
Concen: 20.880 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 62 Resp: 22218

Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	24.2





#43

Isopropyl Acetate

Concen: 21.824 ug/l

RT: 8.363 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

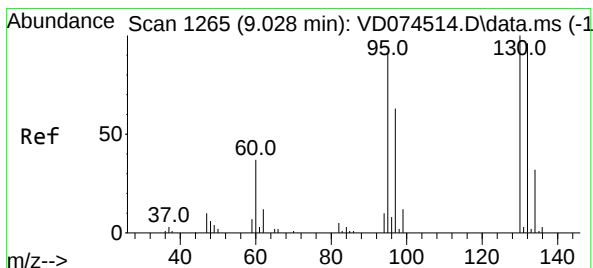
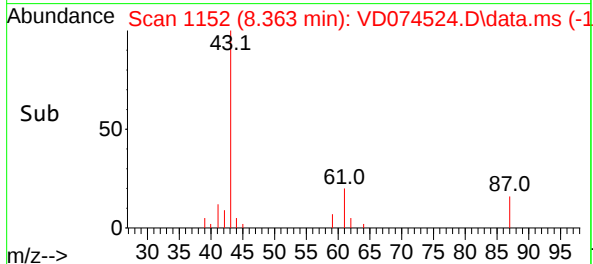
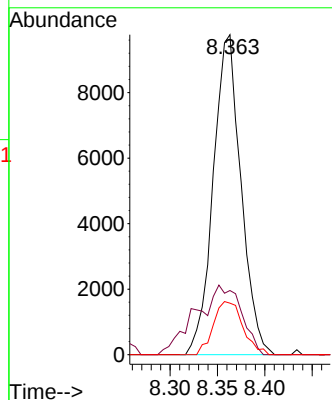
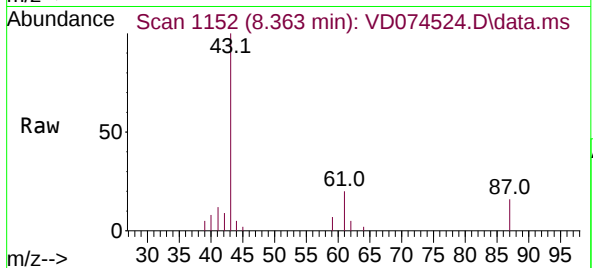
Tgt Ion: 43 Resp: 19913

Ion Ratio Lower Upper

43 100

61 22.3 30.9 46.3#

87 17.6 14.3 21.5



#44

Trichloroethene

Concen: 20.795 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD074524.D

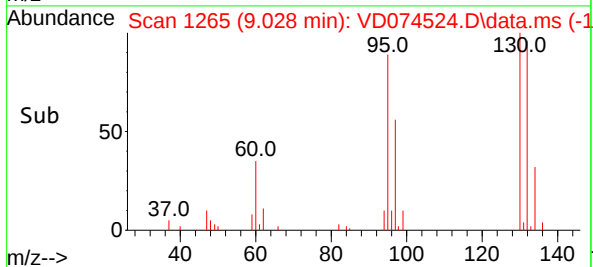
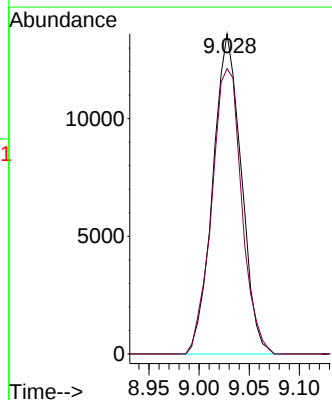
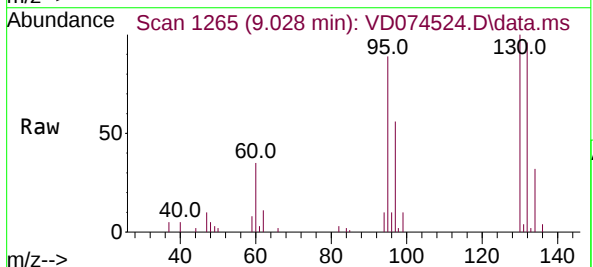
Acq: 13 Oct 2022 12:49

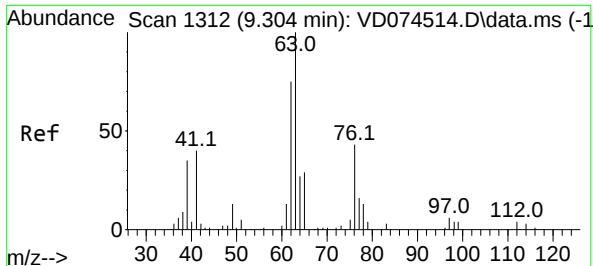
Tgt Ion:130 Resp: 26790

Ion Ratio Lower Upper

130 100

95 89.1 0.0 185.4





#45

1,2-Dichloropropane

Concen: 21.109 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

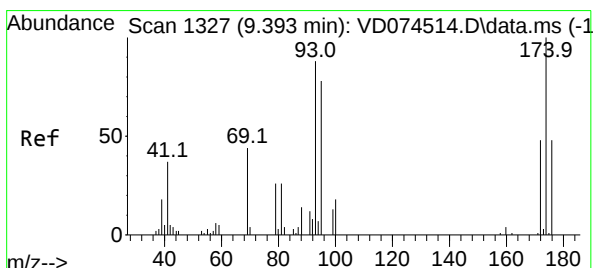
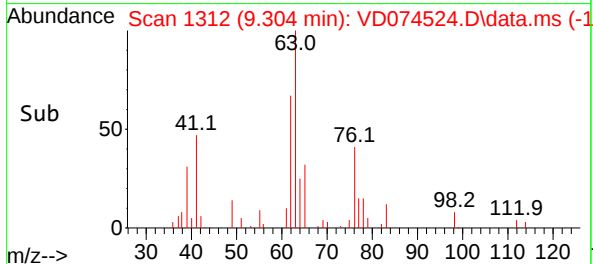
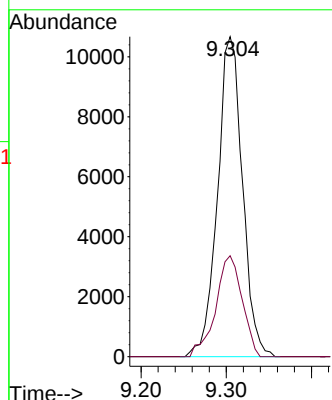
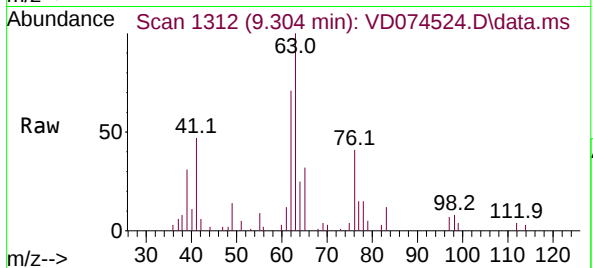
VD1013SBS01

Tgt Ion: 63 Resp: 21656

Ion Ratio Lower Upper

63 100

65 31.6 23.1 34.7



#46

Dibromomethane

Concen: 21.259 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

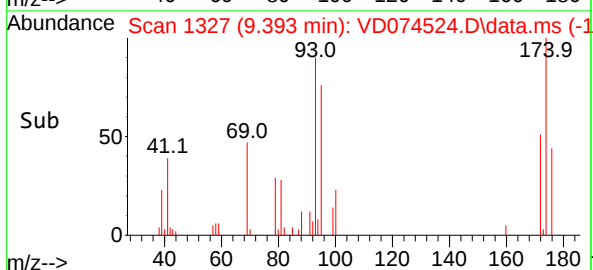
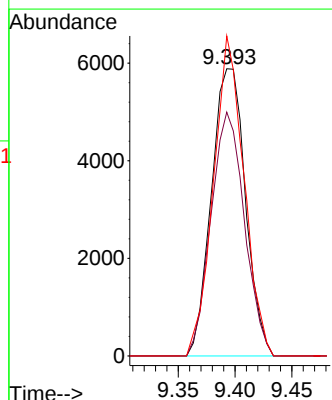
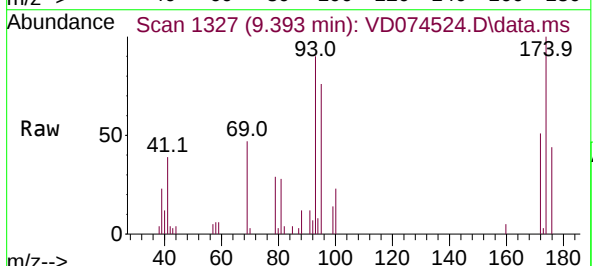
Tgt Ion: 93 Resp: 12255

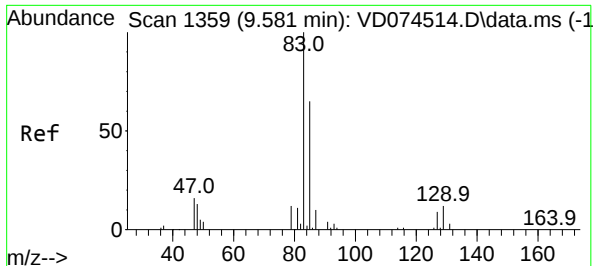
Ion Ratio Lower Upper

93 100

95 83.4 68.2 102.2

174 99.8 87.4 131.0

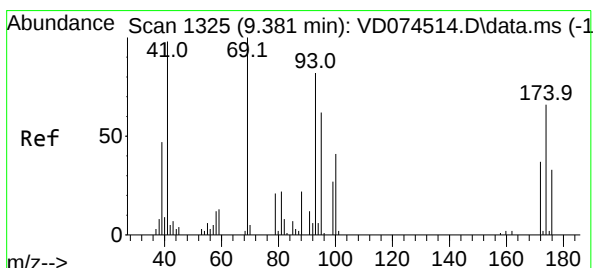
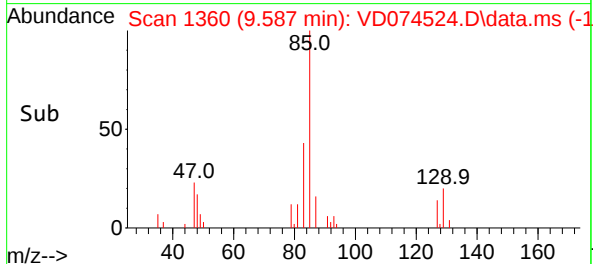
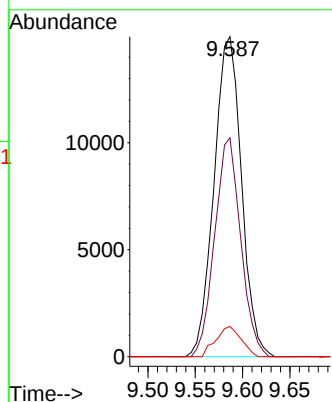
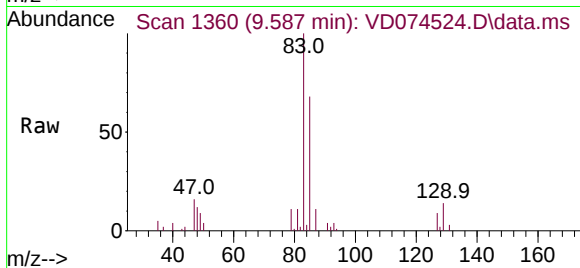




#47
Bromodichloromethane
Concen: 21.199 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

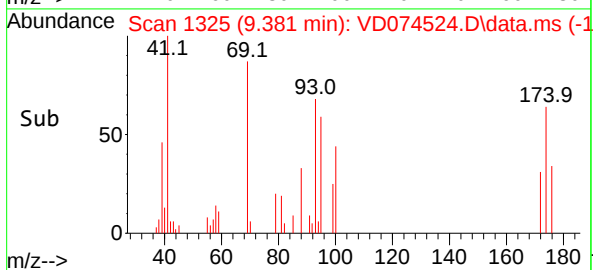
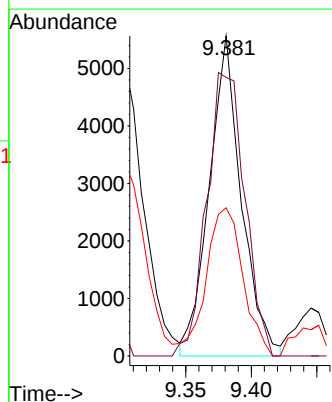
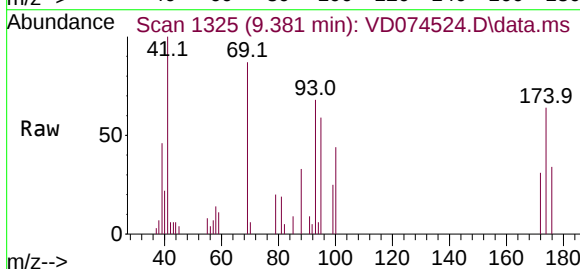
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

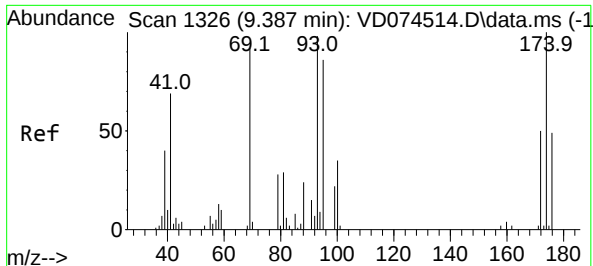
Tgt Ion: 83 Resp: 30208
Ion Ratio Lower Upper
83 100
85 68.4 48.8 73.2
127 9.5 6.7 10.1



#48
Methyl methacrylate
Concen: 21.443 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 41 Resp: 9468
Ion Ratio Lower Upper
41 100
69 105.0 93.0 139.4
39 53.4 44.6 66.8





#49

1,4-Dioxane

Concen: 489.093 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

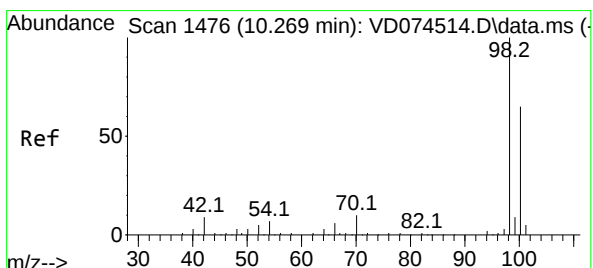
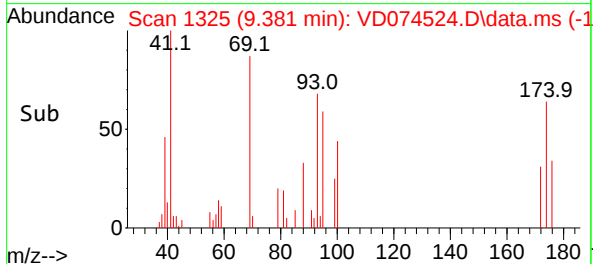
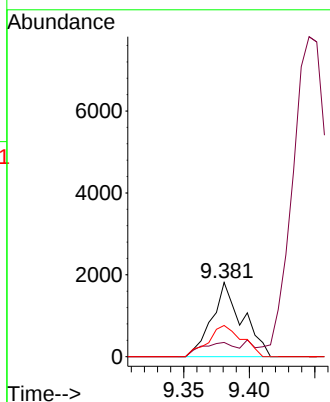
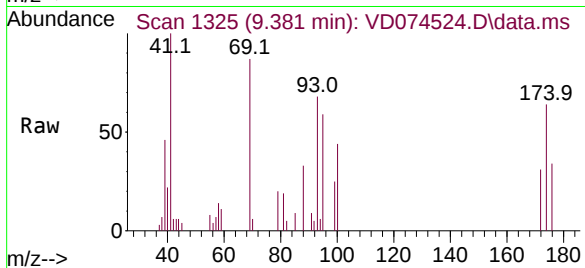
Tgt Ion: 88 Resp: 2929

Ion Ratio Lower Upper

88 100

43 21.9 24.1 36.1#

58 46.6 43.1 64.7



#50

Toluene-d8

Concen: 51.635 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD074524.D

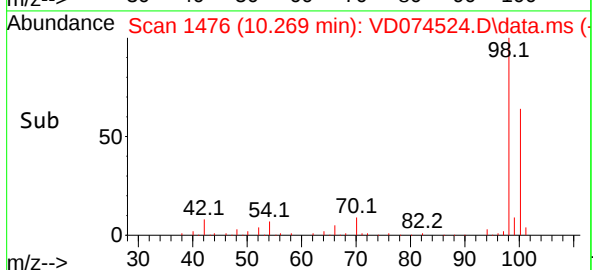
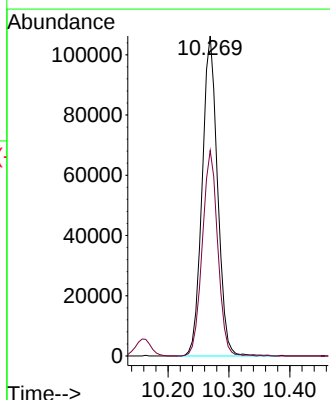
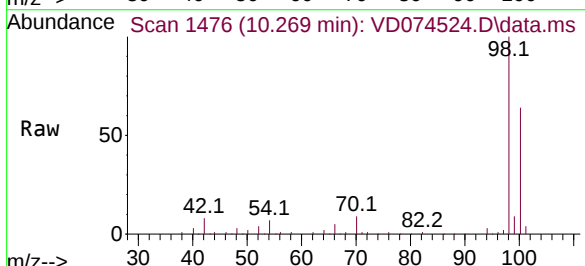
Acq: 13 Oct 2022 12:49

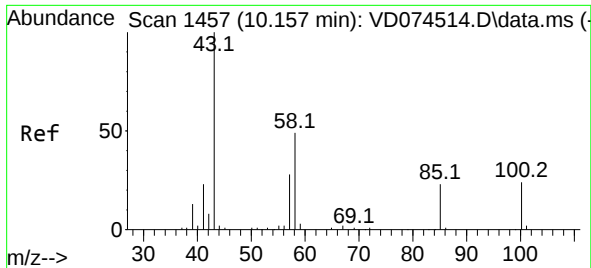
Tgt Ion: 98 Resp: 186565

Ion Ratio Lower Upper

98 100

100 64.4 51.4 77.0

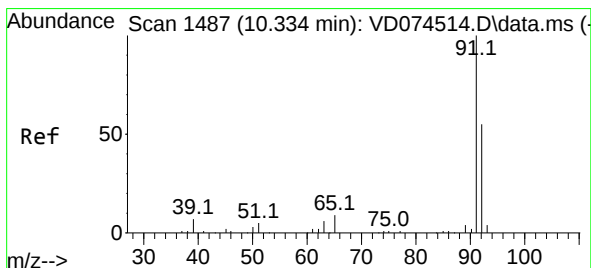
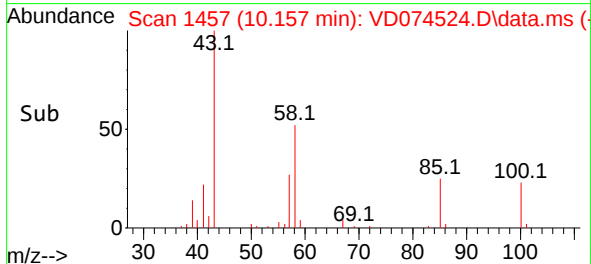
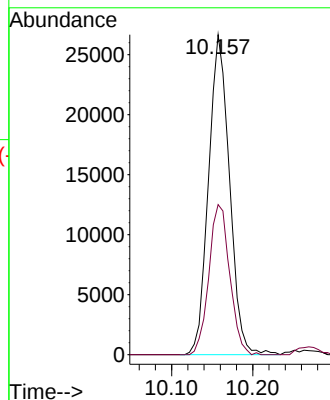
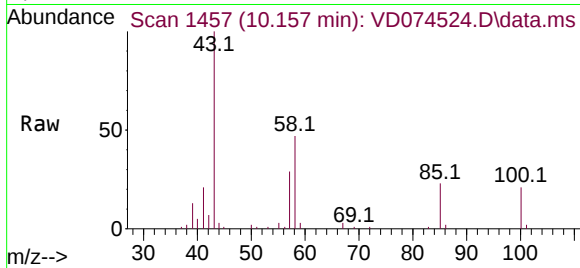




#51
4-Methyl-2-Pentanone
Concen: 105.863 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

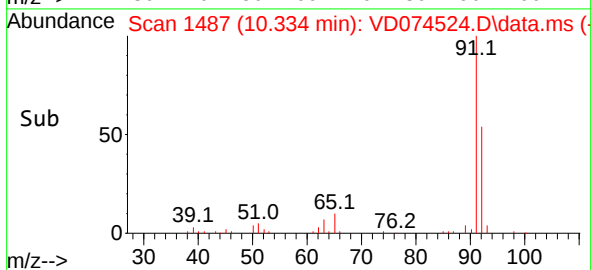
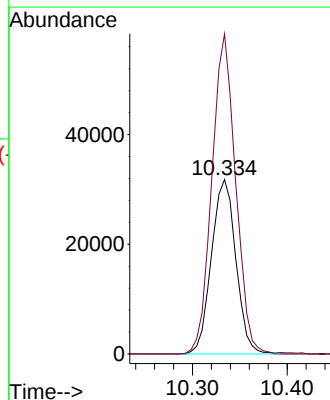
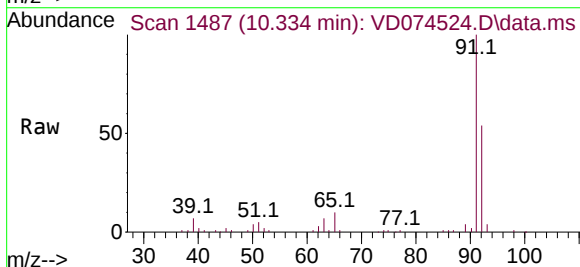
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

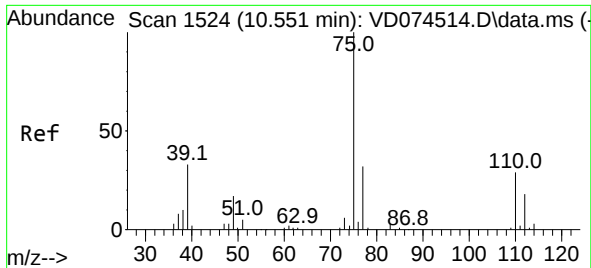
Tgt Ion: 43 Resp: 47785
Ion Ratio Lower Upper
43 100
58 46.5 37.8 56.6



#52
Toluene
Concen: 20.001 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 92 Resp: 56924
Ion Ratio Lower Upper
92 100
91 179.3 139.0 208.4

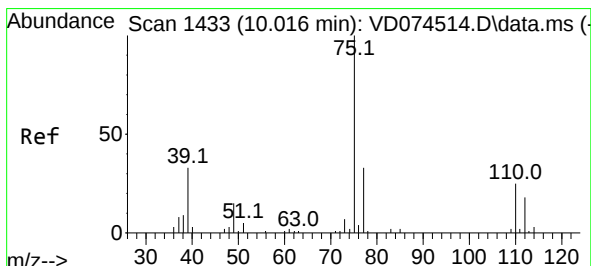
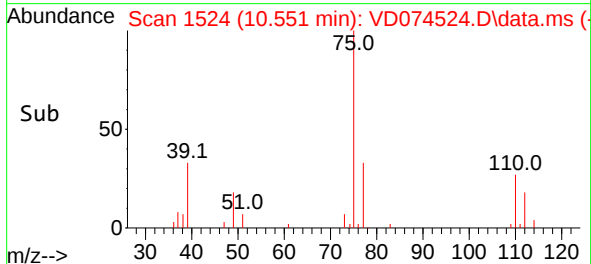
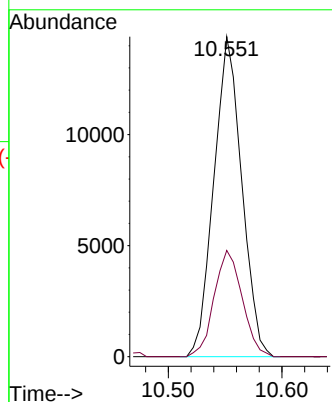
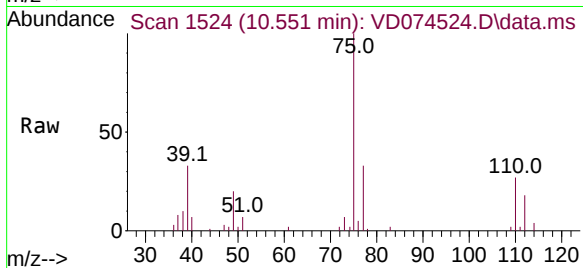




#53
t-1,3-Dichloropropene
Concen: 19.771 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

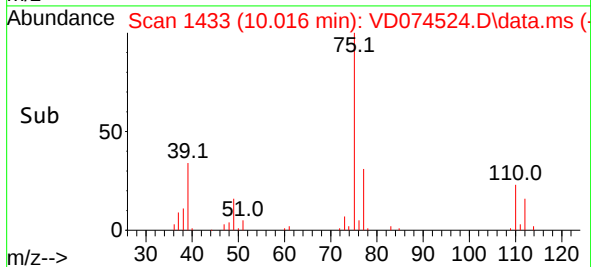
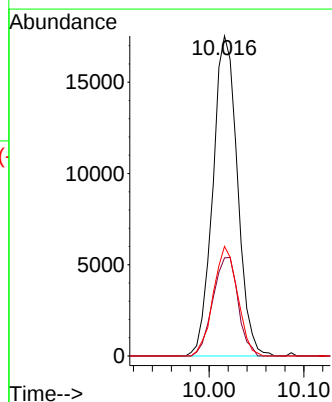
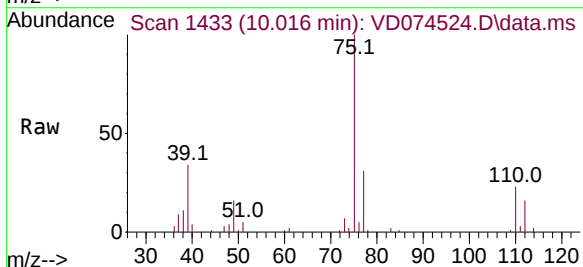
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

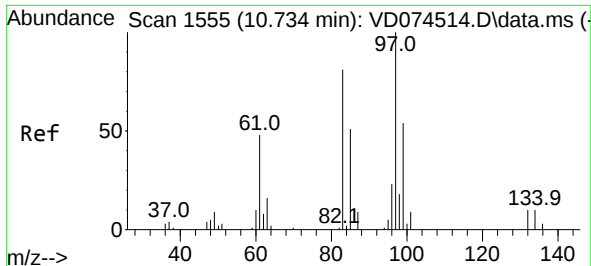
Tgt Ion: 75 Resp: 24563
Ion Ratio Lower Upper
75 100
77 33.2 25.6 38.4



#54
cis-1,3-Dichloropropene
Concen: 20.125 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 75 Resp: 31580
Ion Ratio Lower Upper
75 100
77 30.7 24.7 37.1
39 34.3 25.4 38.2

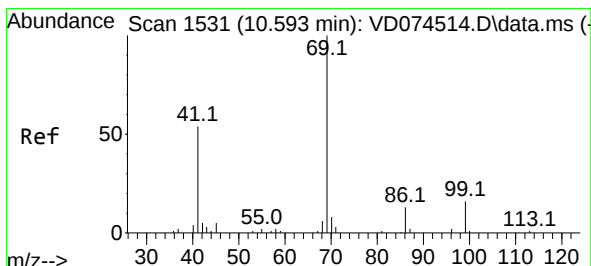
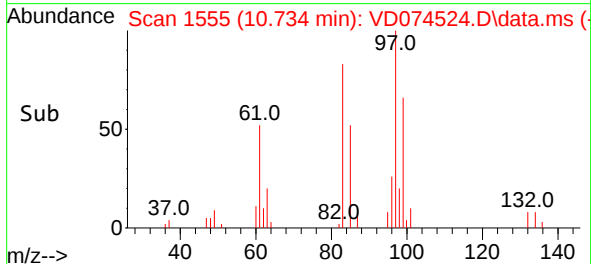
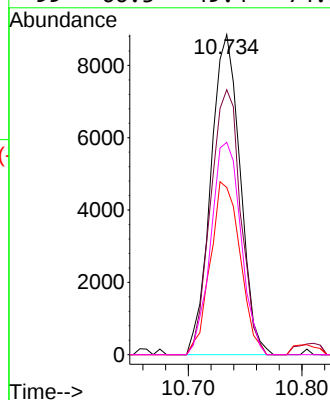
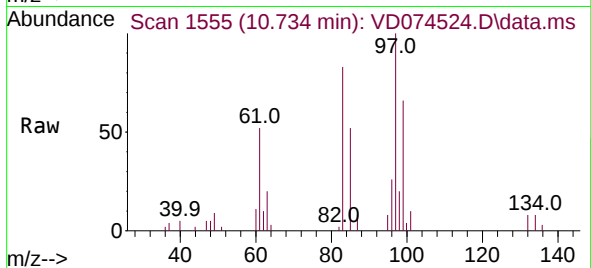




#55
1,1,2-Trichloroethane
Concen: 20.569 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

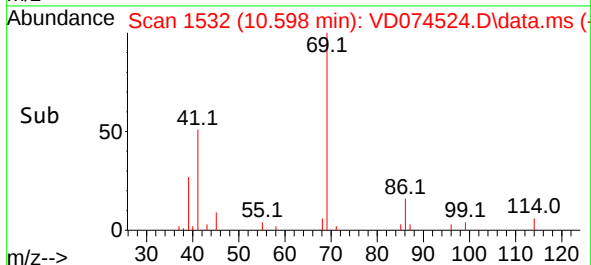
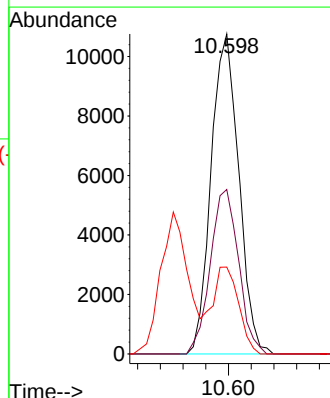
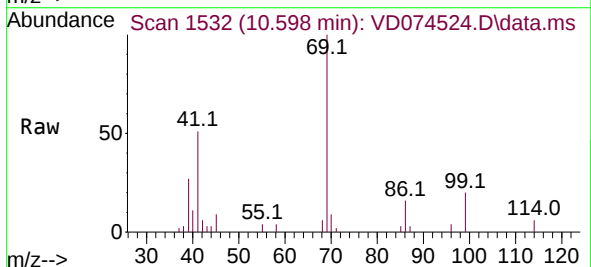
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

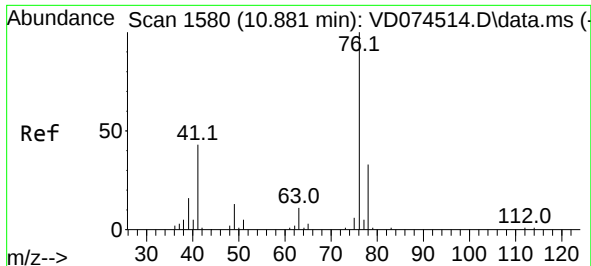
Tgt Ion: 97	Resp: 15895
Ion Ratio	Lower Upper
97 100	
83 82.8	64.8 97.2
85 52.3	44.8 67.2
99 66.3	49.4 74.0



#56
Ethyl methacrylate
Concen: 20.401 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.005 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 69	Resp: 18173
Ion Ratio	Lower Upper
69 100	
41 52.5	38.6 58.0
39 26.5	19.9 29.9





#57

1,3-Dichloropropane

Concen: 20.225 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

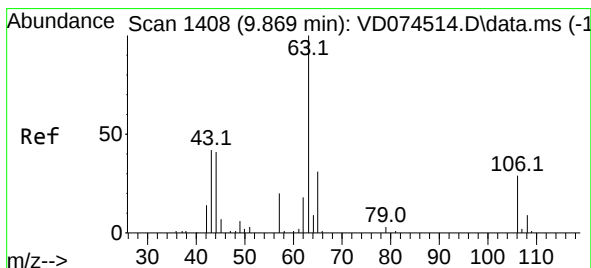
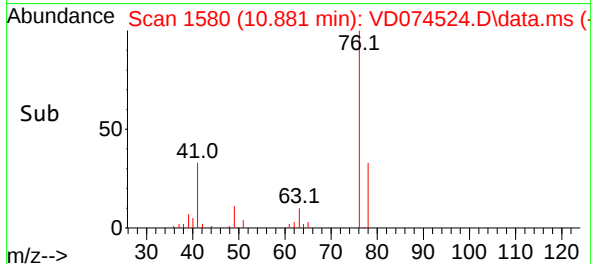
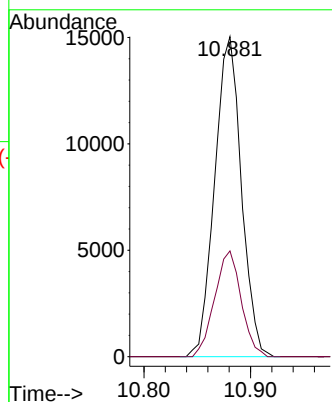
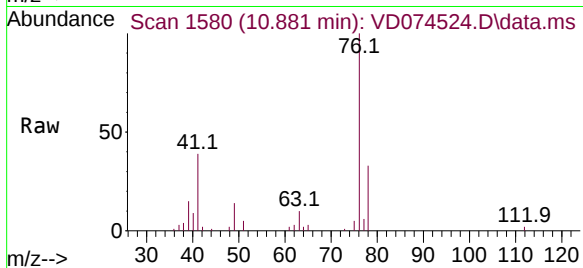
VD1013SBS01

Tgt Ion: 76 Resp: 26139

Ion Ratio Lower Upper

76 100

78 32.8 25.7 38.5



#58

2-Chloroethyl Vinyl ether

Concen: 98.919 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD074524.D

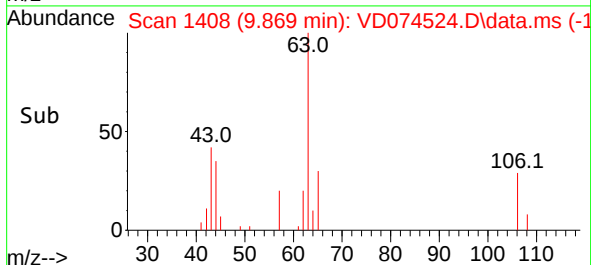
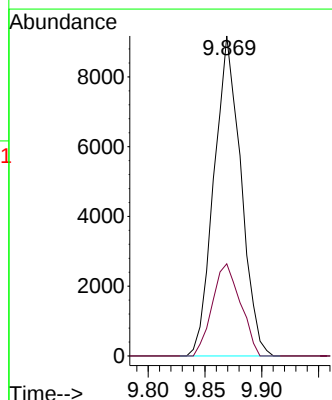
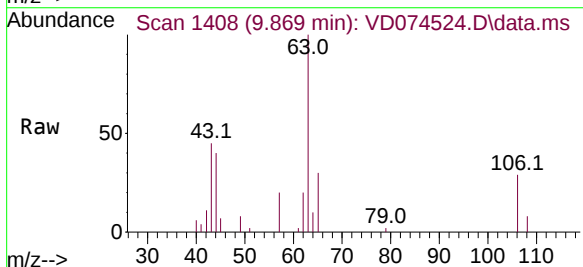
Acq: 13 Oct 2022 12:49

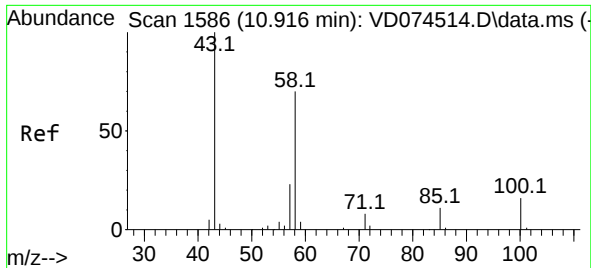
Tgt Ion: 63 Resp: 15103

Ion Ratio Lower Upper

63 100

106 30.2 26.5 39.7

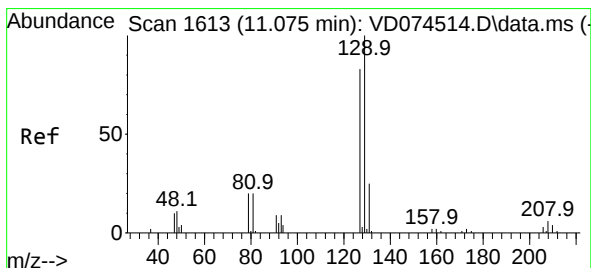
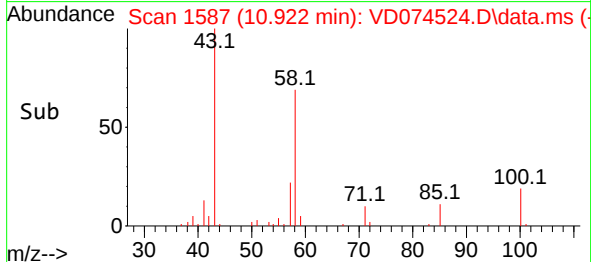
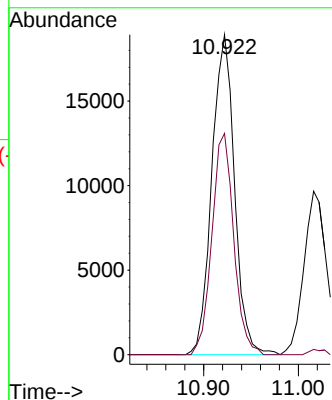
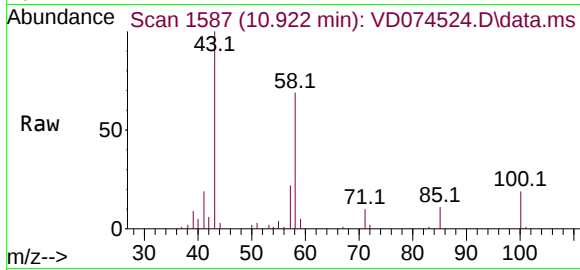




#59
2-Hexanone
Concen: 104.146 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

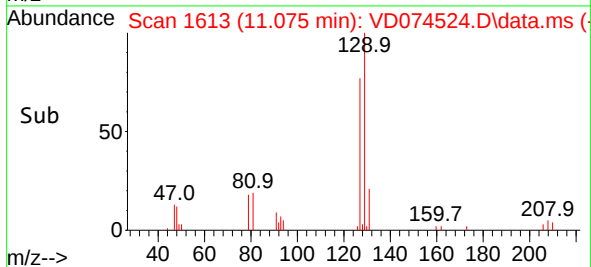
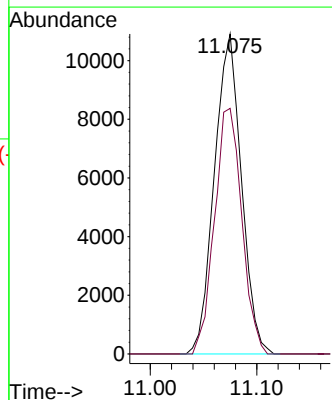
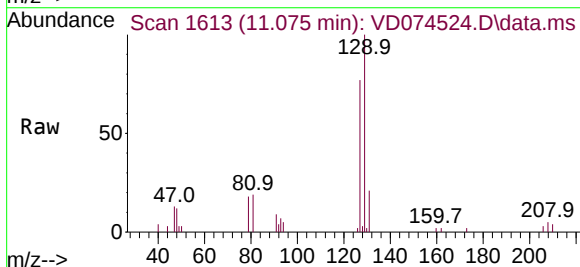
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

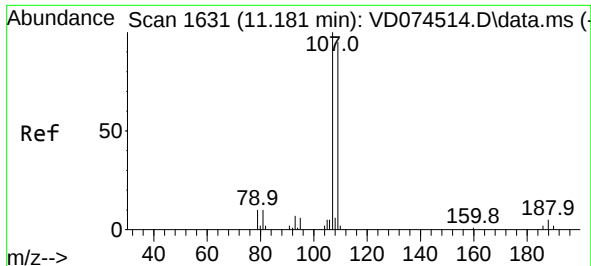
Tgt Ion: 43 Resp: 31469
Ion Ratio Lower Upper
43 100
58 66.6 32.0 96.2



#60
Dibromochloromethane
Concen: 20.667 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 129 Resp: 19209
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2

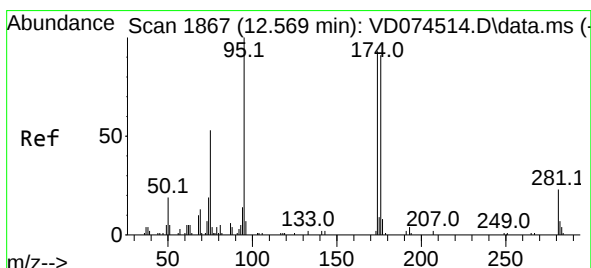
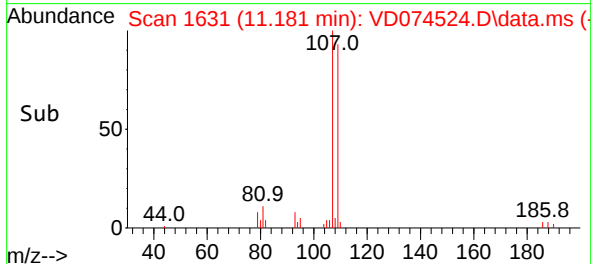
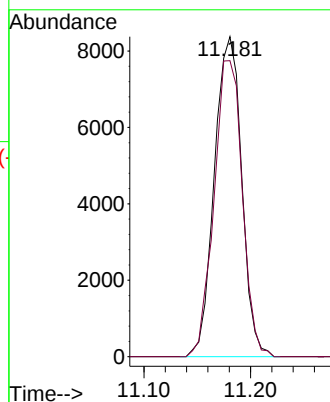
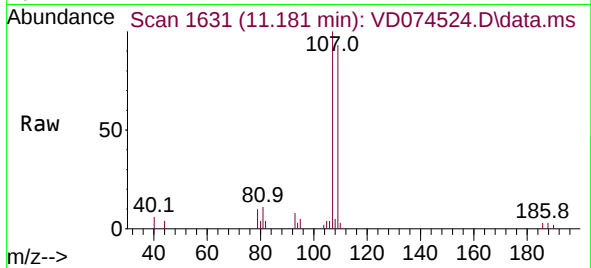




#61
1,2-Dibromoethane
Concen: 20.742 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

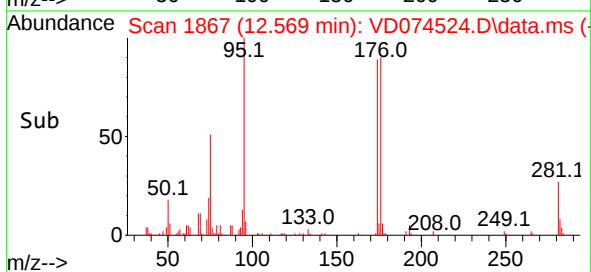
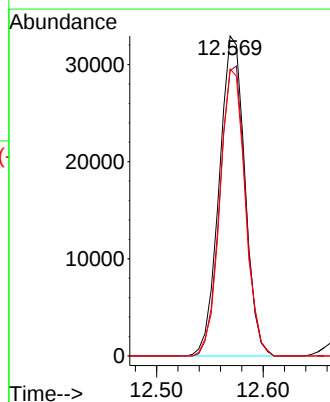
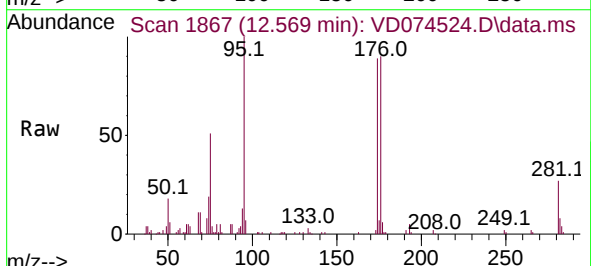
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

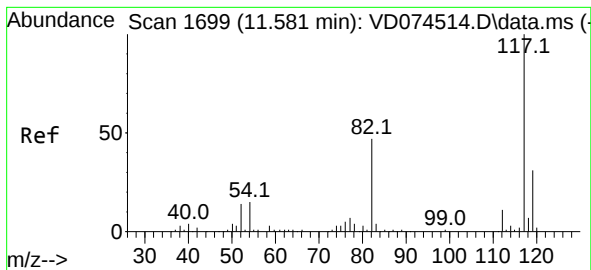
Tgt Ion:107 Resp: 14914
Ion Ratio Lower Upper
107 100
109 95.8 74.6 111.8



#62
4-Bromofluorobenzene
Concen: 49.490 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 95 Resp: 54923
Ion Ratio Lower Upper
95 100
174 90.2 0.0 197.0
176 88.3 0.0 182.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

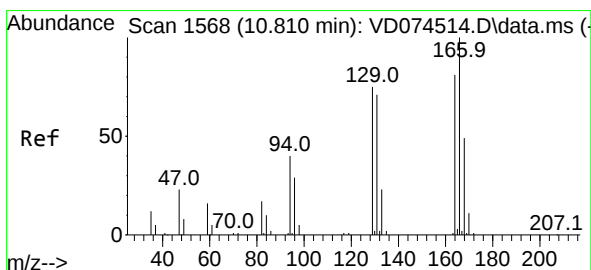
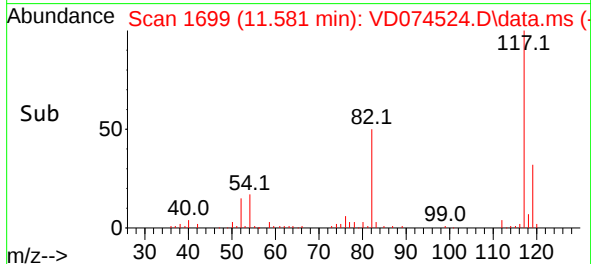
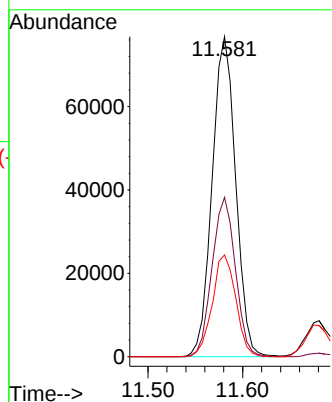
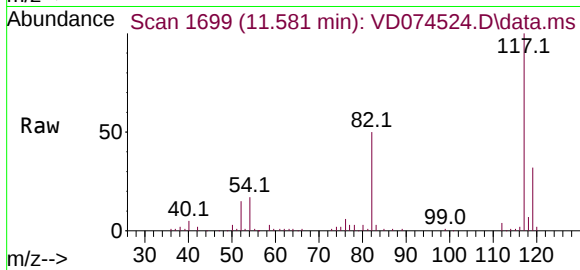
Tgt Ion:117 Resp: 132248

Ion Ratio Lower Upper

117 100

82 49.8 41.6 62.4

119 31.8 25.2 37.8



#64

Tetrachloroethene

Concen: 21.536 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.006 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Tgt Ion:164 Resp: 21327

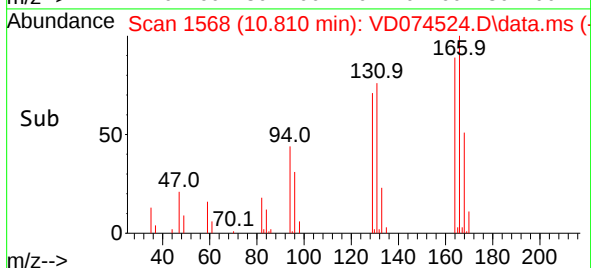
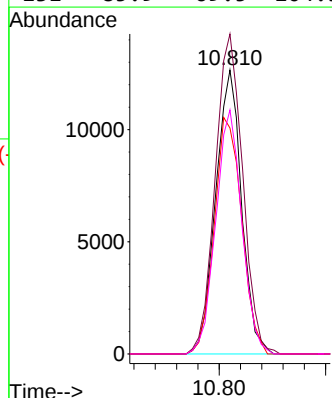
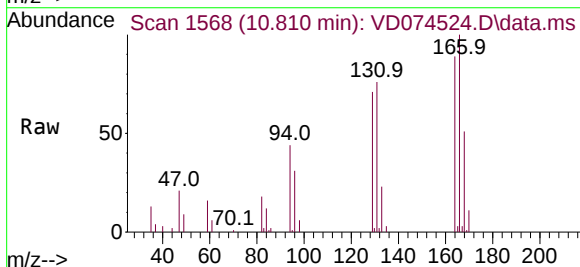
Ion Ratio Lower Upper

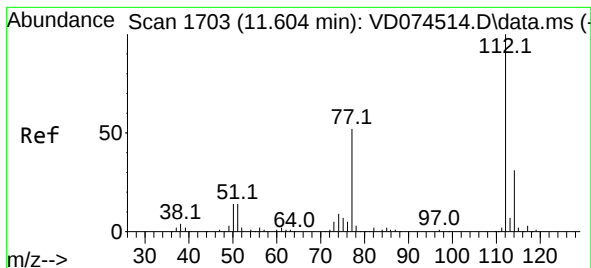
164 100

166 112.7 107.8 161.8

129 79.6 77.4 116.2

131 85.9 69.5 104.3

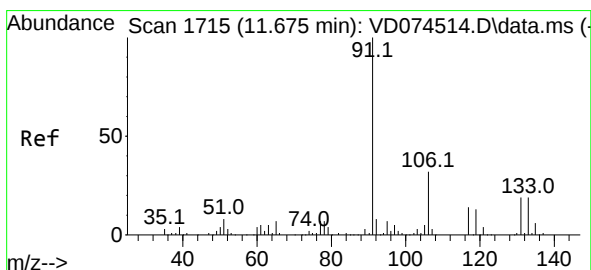
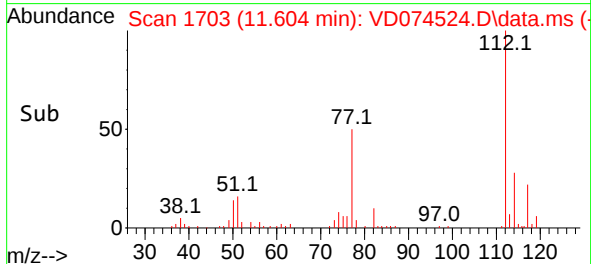
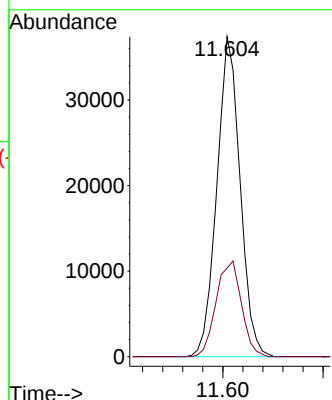
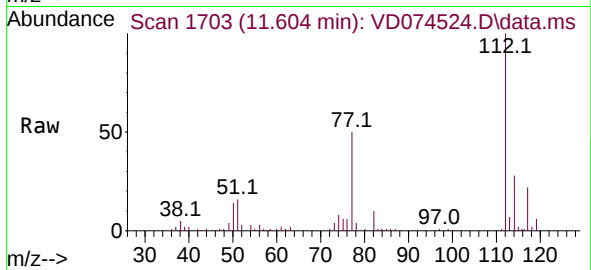




#65
Chlorobenzene
Concen: 21.178 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

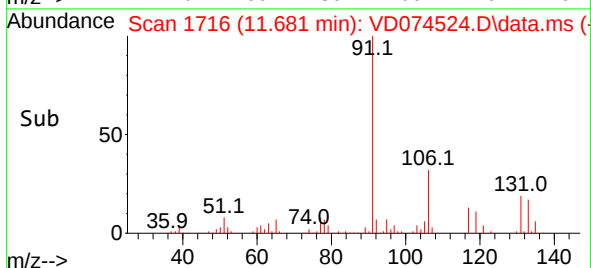
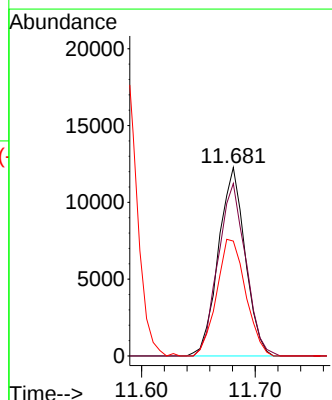
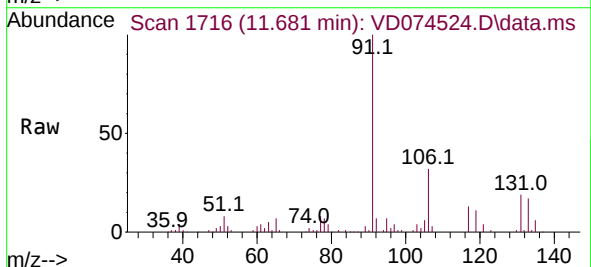
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

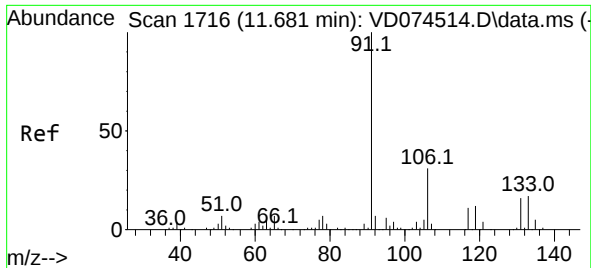
Tgt Ion:112 Resp: 60120
Ion Ratio Lower Upper
112 100
114 27.6 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 20.809 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion:131 Resp: 20044
Ion Ratio Lower Upper
131 100
133 94.8 46.6 139.8
119 67.2 32.5 97.4





#67

Ethyl Benzene

Concen: 21.454 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

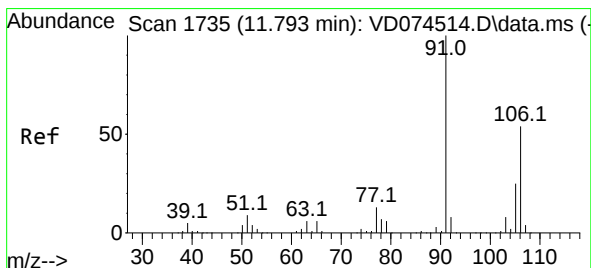
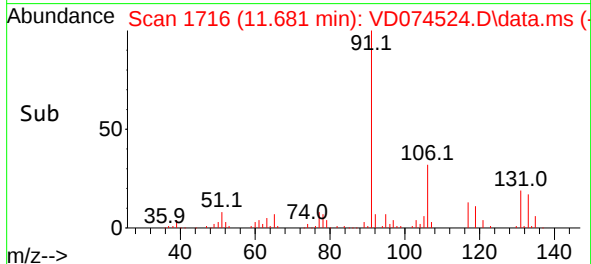
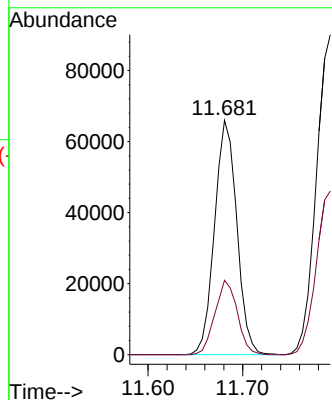
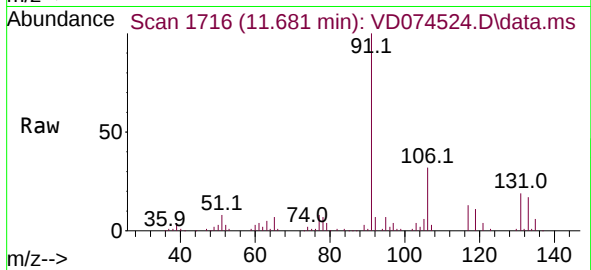
VD1013SBS01

Tgt Ion: 91 Resp: 107950

Ion Ratio Lower Upper

91 100

106 31.7 26.6 40.0



#68

m/p-Xylenes

Concen: 43.057 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.001 min

Lab File: VD074524.D

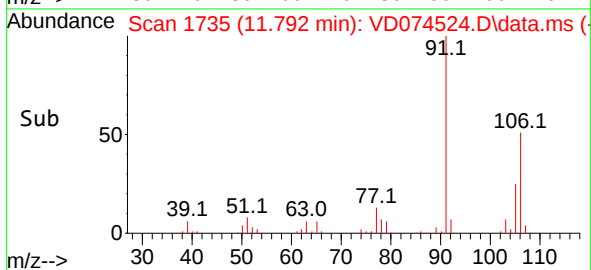
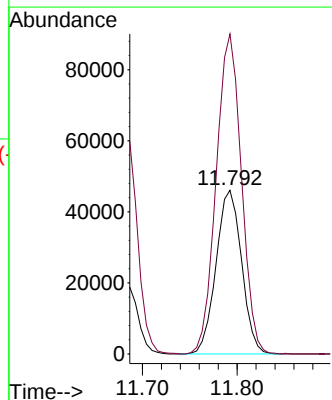
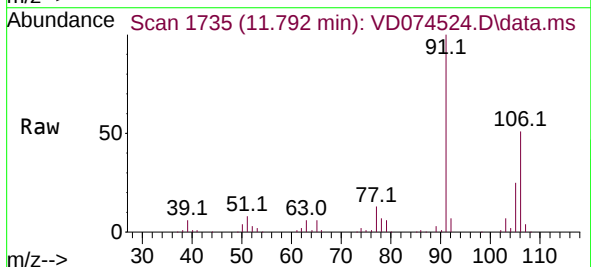
Acq: 13 Oct 2022 12:49

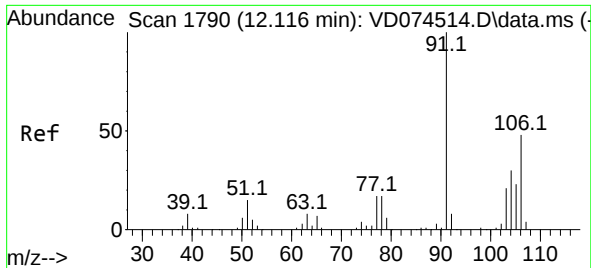
Tgt Ion:106 Resp: 86391

Ion Ratio Lower Upper

106 100

91 193.1 156.2 234.4

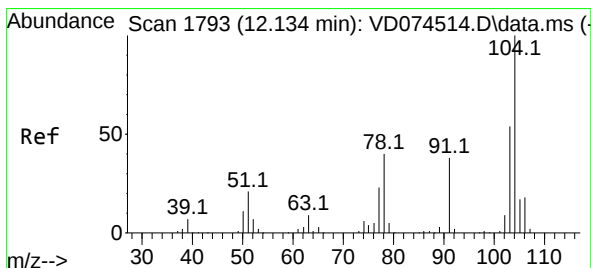
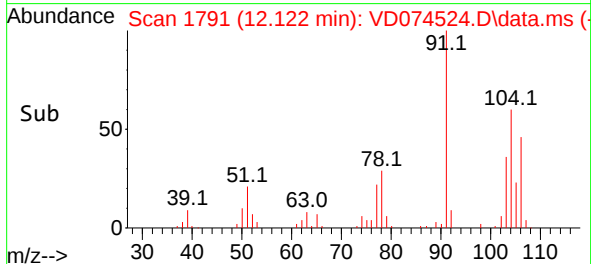
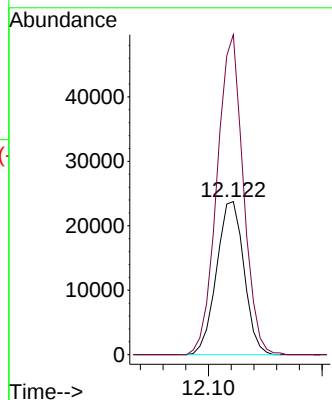
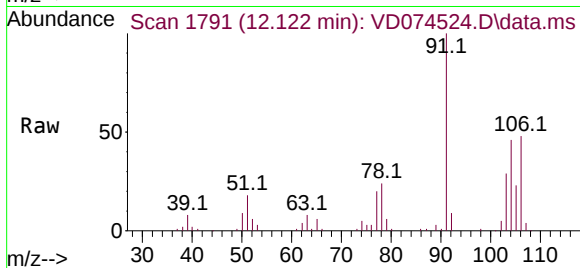




#69
o-Xylene
Concen: 21.360 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

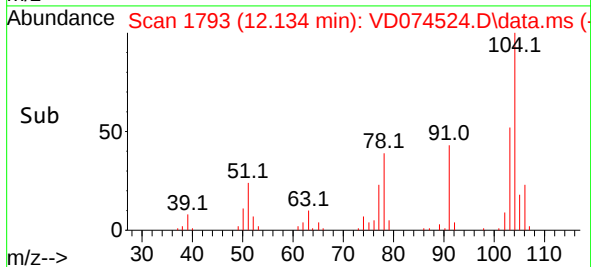
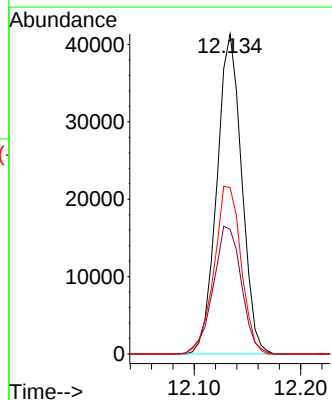
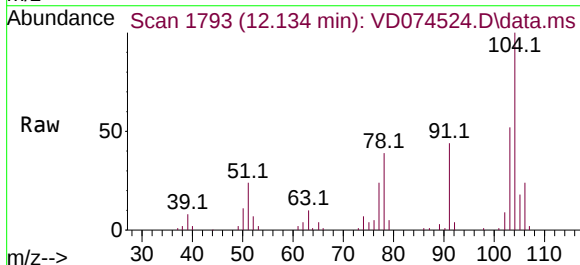
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

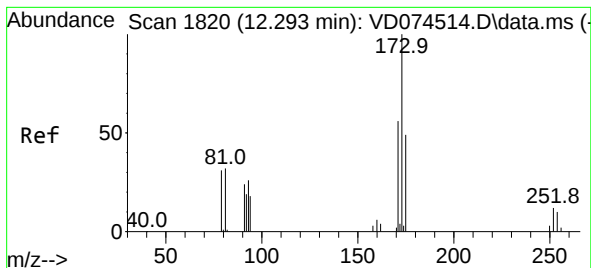
Tgt Ion:106 Resp: 39876
Ion Ratio Lower Upper
106 100
91 200.4 104.5 313.3



#70
Styrene
Concen: 21.196 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion:104 Resp: 66865
Ion Ratio Lower Upper
104 100
78 45.3 35.7 53.5
103 56.9 43.7 65.5





#71

Bromoform

Concen: 22.474 ug/l

RT: 12.298 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

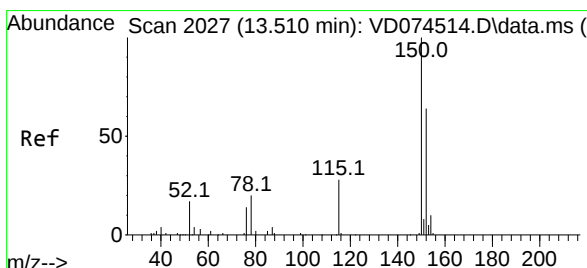
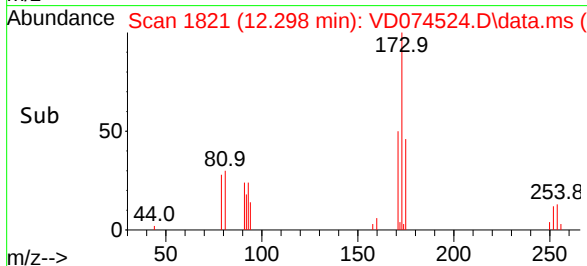
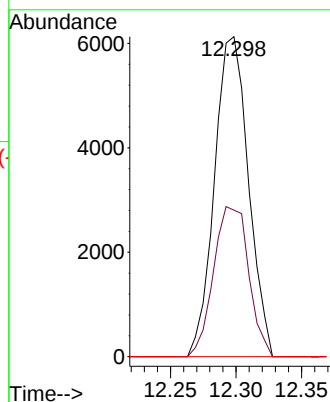
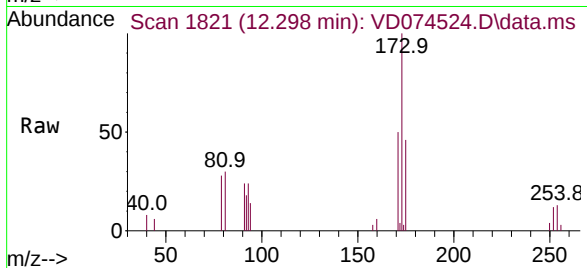
Tgt Ion:173 Resp: 11027

Ion Ratio Lower Upper

173 100

175 48.5 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: VD074524.D

Acq: 13 Oct 2022 12:49

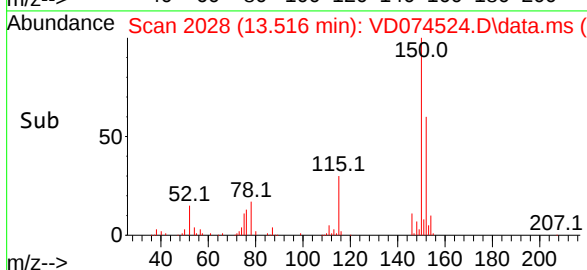
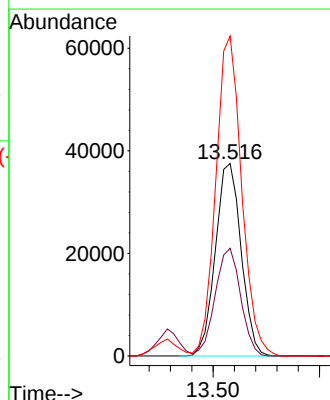
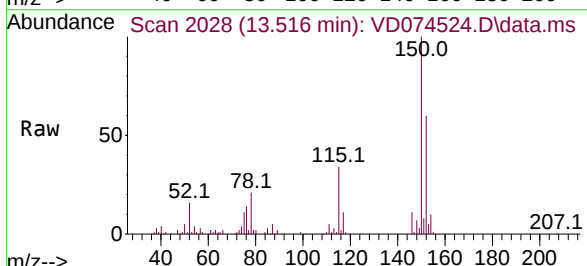
Tgt Ion:152 Resp: 62880

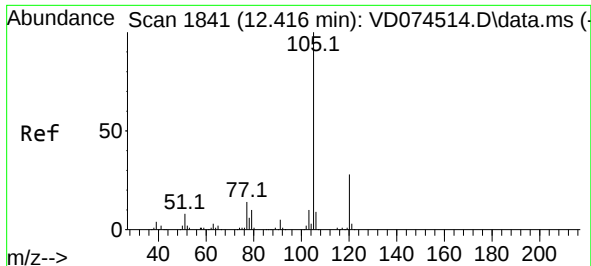
Ion Ratio Lower Upper

152 100

115 55.5 26.8 80.4

150 167.0 0.0 348.2

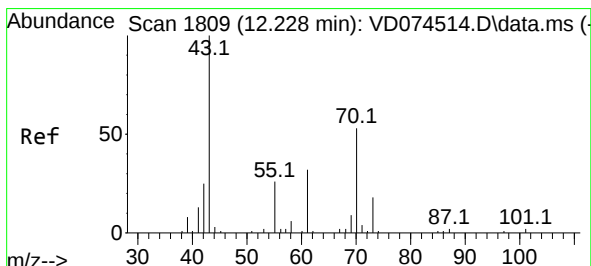
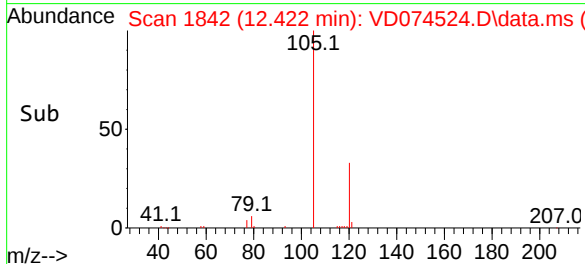
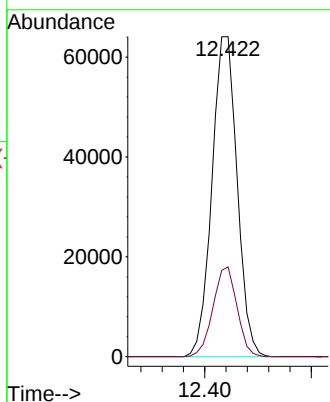
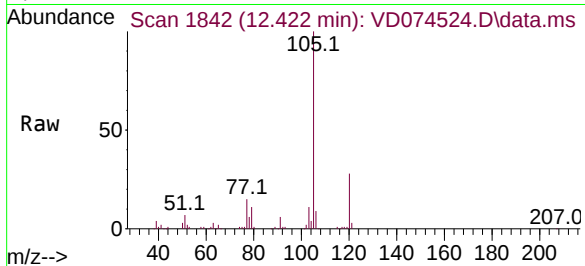




#73
Isopropylbenzene
Concen: 20.792 ug/l
RT: 12.422 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

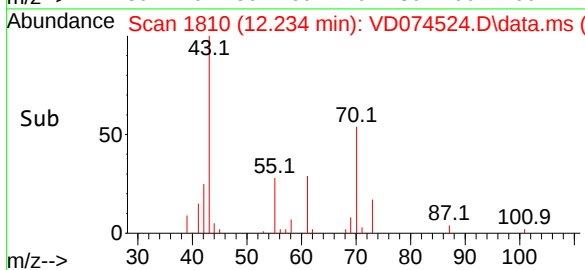
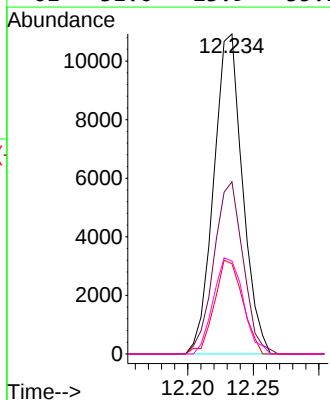
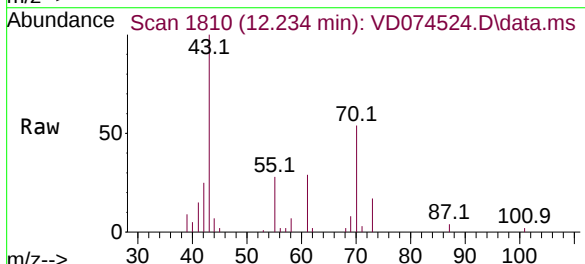
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

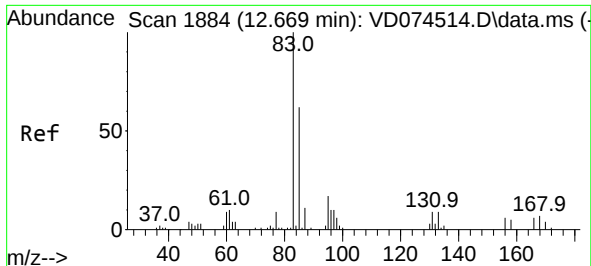
Tgt Ion:105 Resp: 105175
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4



#74
N-ethyl acetate
Concen: 21.044 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 43 Resp: 16672
Ion Ratio Lower Upper
43 100
70 54.7 43.8 65.6
55 28.8 22.0 33.0
61 31.0 23.9 35.9

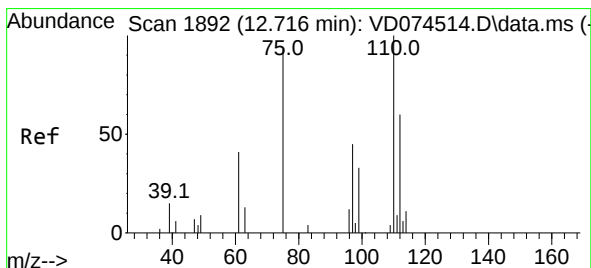
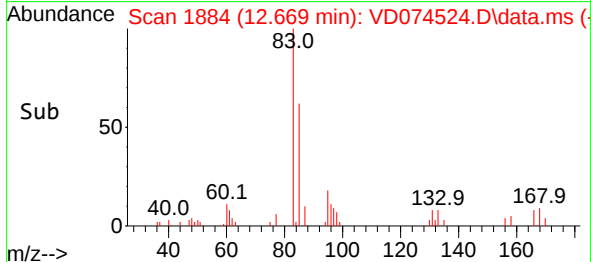
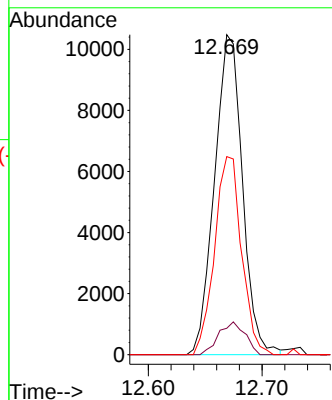
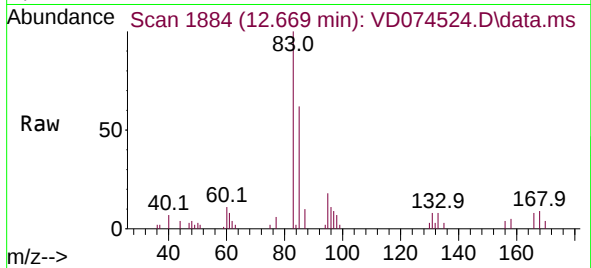




#75
1,1,2,2-Tetrachloroethane
Concen: 22.399 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

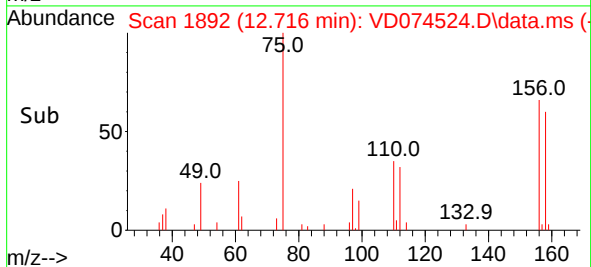
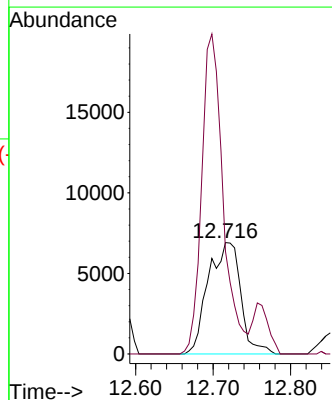
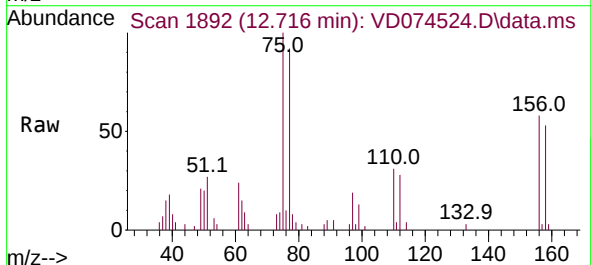
Instrument : MSVOA_D
ClientSampleId : VD1013SBS01

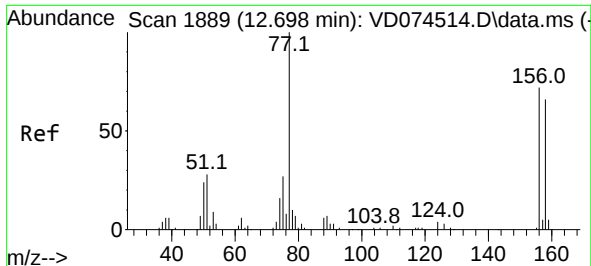
Tgt Ion: 83 Resp: 17923
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.1
85 59.7 33.1 99.2



#76
1,2,3-Trichloropropane
Concen: 37.458 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 75 Resp: 20129
Ion Ratio Lower Upper
75 100
77 190.1 185.8 557.5

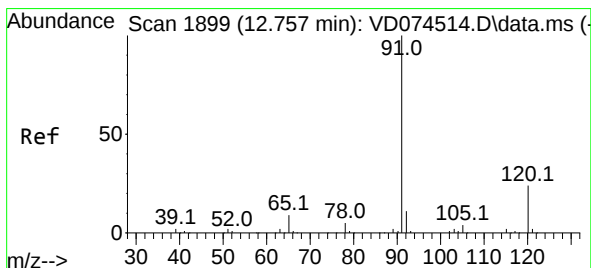
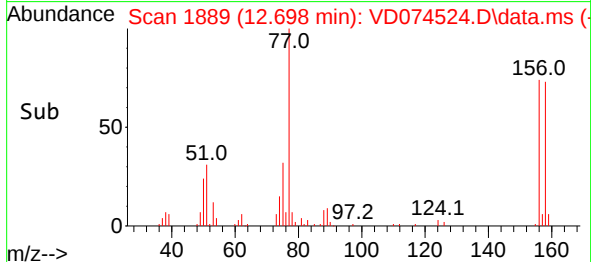
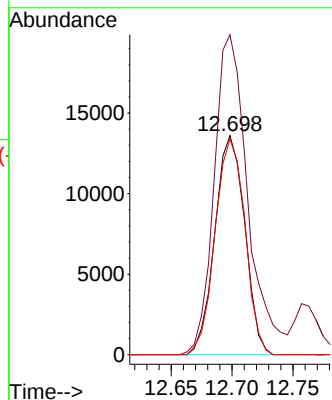
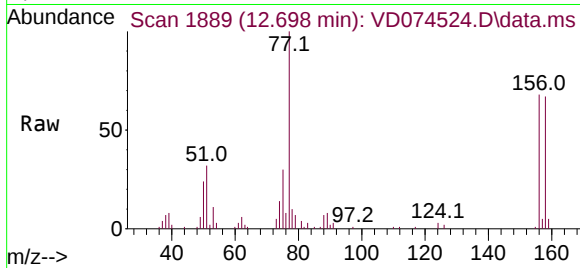




#77
Bromobenzene
Concen: 20.291 ug/l
RT: 12.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

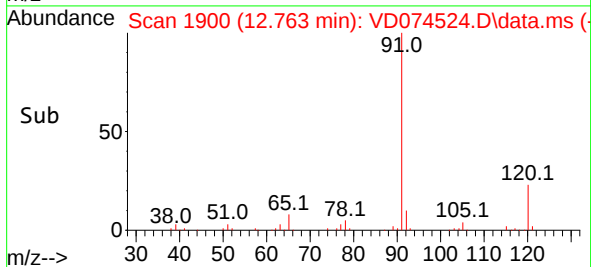
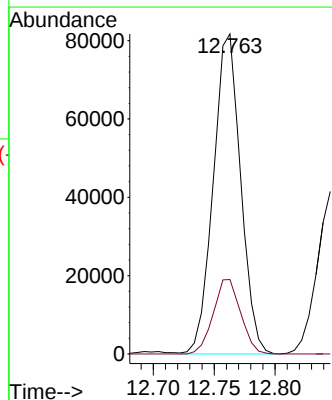
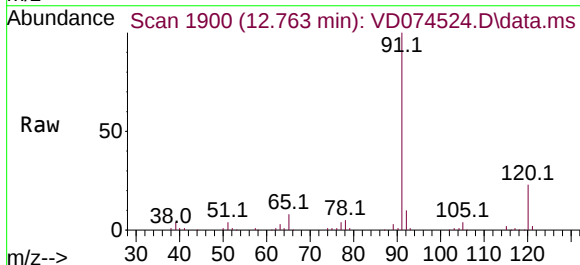
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

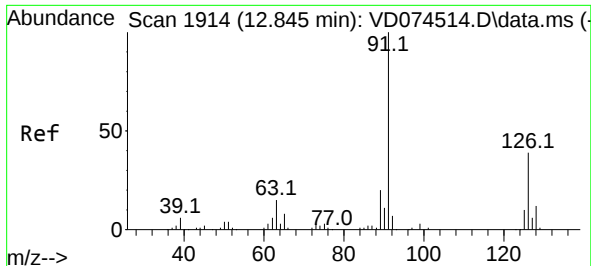
Tgt Ion:156 Resp: 23221
Ion Ratio Lower Upper
156 100
77 164.8 77.7 233.1
158 98.6 49.4 148.2



#78
n-propylbenzene
Concen: 20.888 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 91 Resp: 127830
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.7

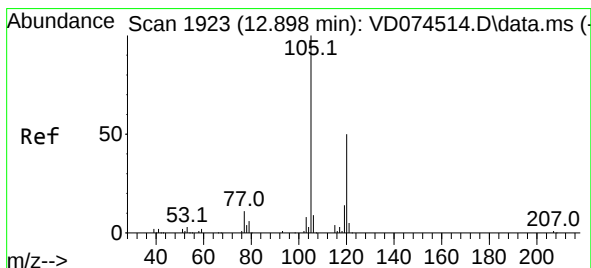
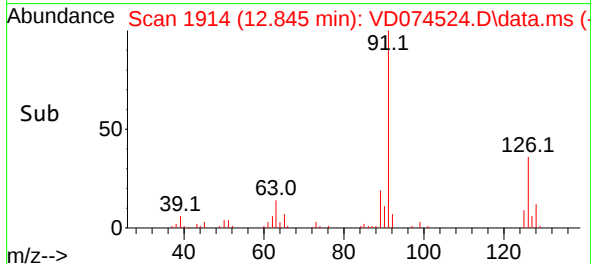
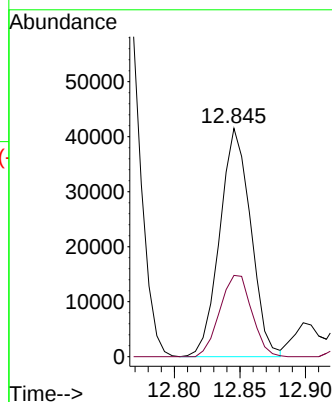
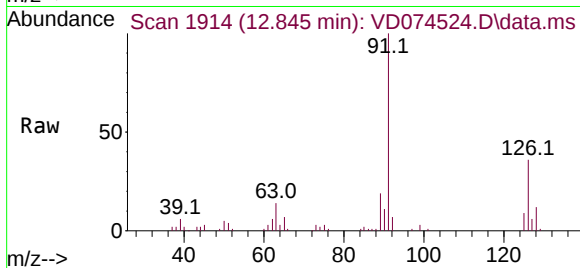




#79
2-Chlorotoluene
Concen: 20.847 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

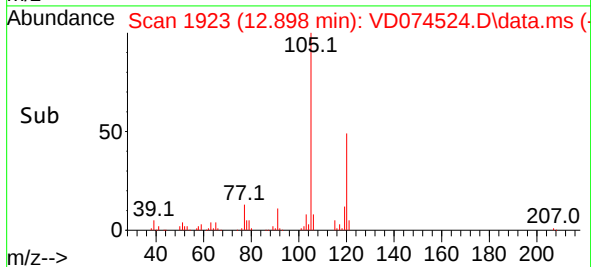
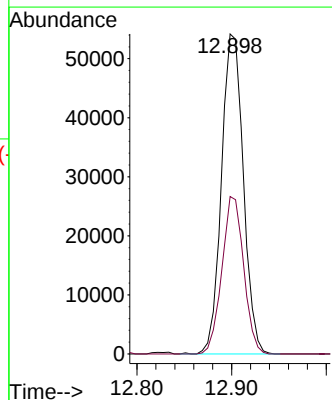
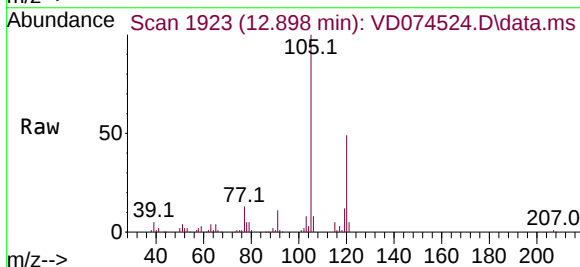
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

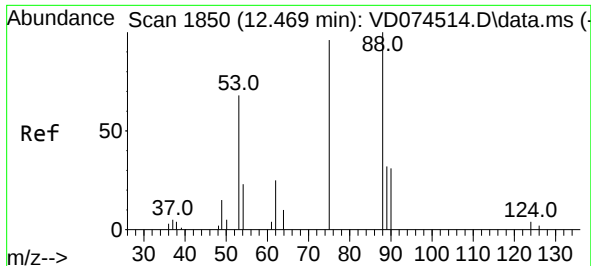
Tgt Ion: 91 Resp: 68476
Ion Ratio Lower Upper
91 100
126 36.5 18.3 54.8



#80
1,3,5-Trimethylbenzene
Concen: 21.158 ug/l
RT: 12.898 min Scan# 1923
Delta R.T. 0.000 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 105 Resp: 86984
Ion Ratio Lower Upper
105 100
120 48.9 25.7 77.0

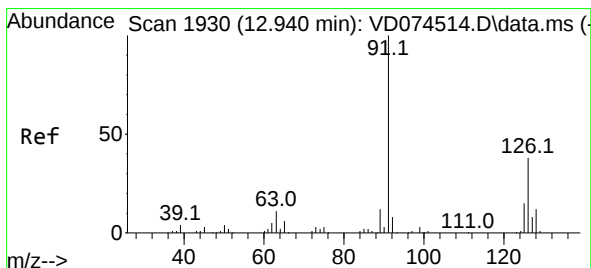
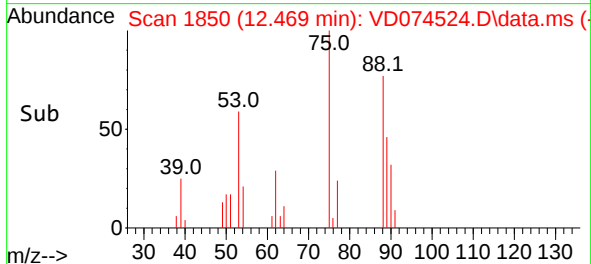
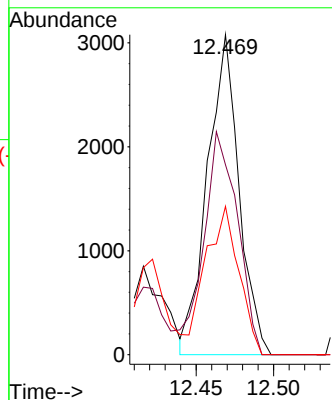
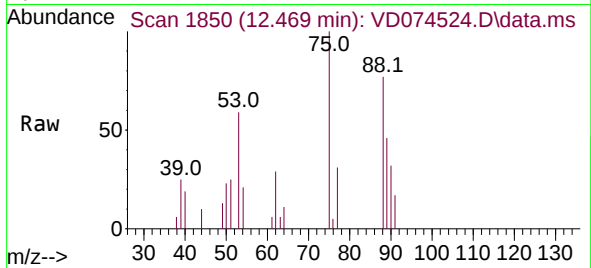




#81
trans-1,4-Dichloro-2-butene
Concen: 20.595 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

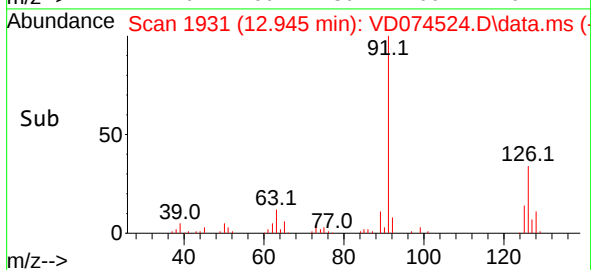
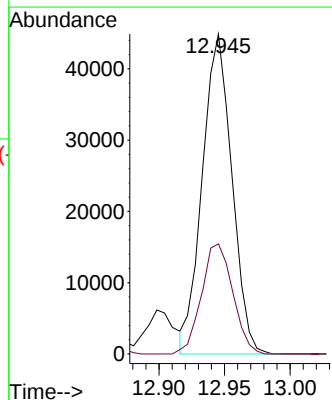
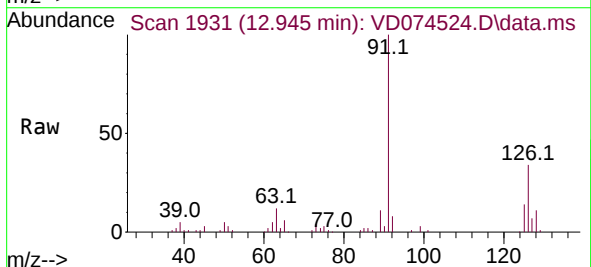
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

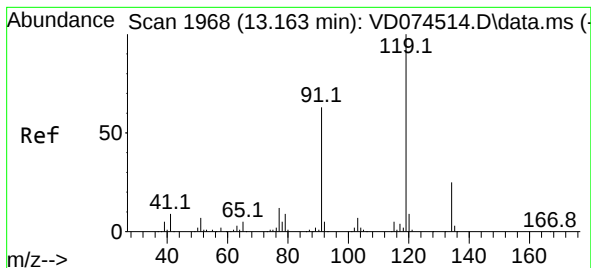
Tgt Ion: 75 Resp: 4363
Ion Ratio Lower Upper
75 100
53 75.6 63.8 95.6
89 48.3 38.2 57.4



#82
4-Chlorotoluene
Concen: 21.359 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.005 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 91 Resp: 70419
Ion Ratio Lower Upper
91 100
126 36.4 18.8 56.4





#83

tert-Butylbenzene

Concen: 20.034 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

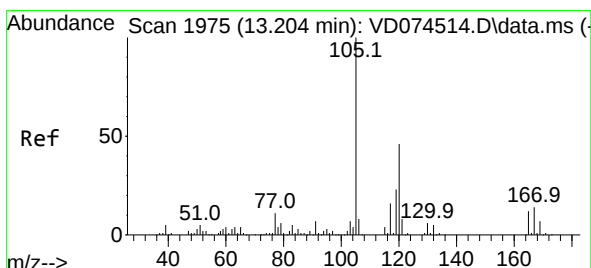
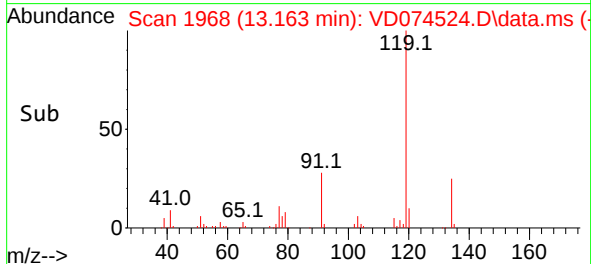
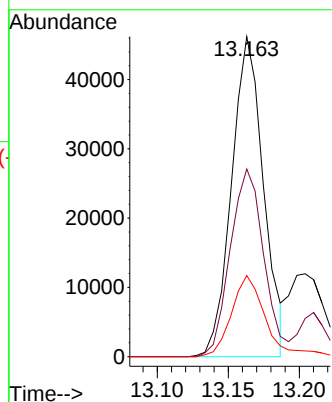
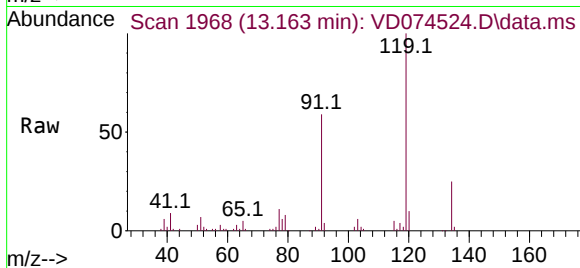
Tgt Ion:119 Resp: 72121

Ion Ratio Lower Upper

119 100

91 61.7 30.0 90.0

134 27.1 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.881 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.006 min

Lab File: VD074524.D

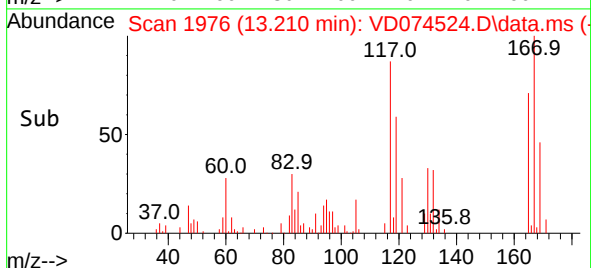
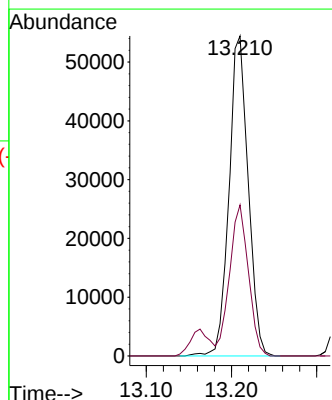
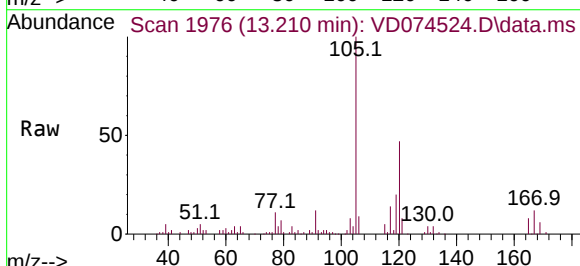
Acq: 13 Oct 2022 12:49

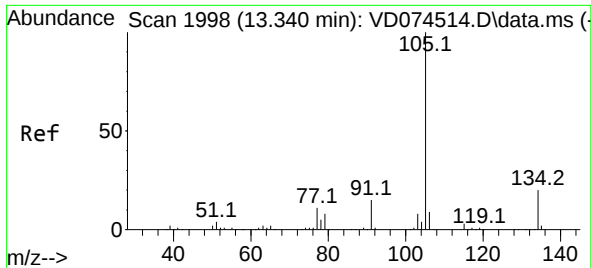
Tgt Ion:105 Resp: 85042

Ion Ratio Lower Upper

105 100

120 46.6 22.9 68.7

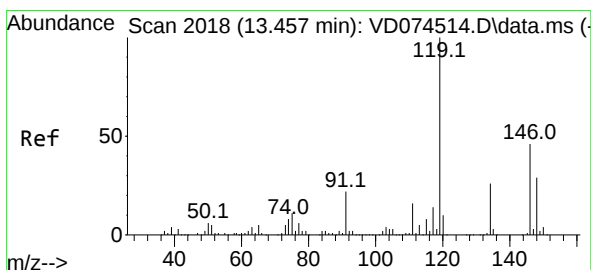
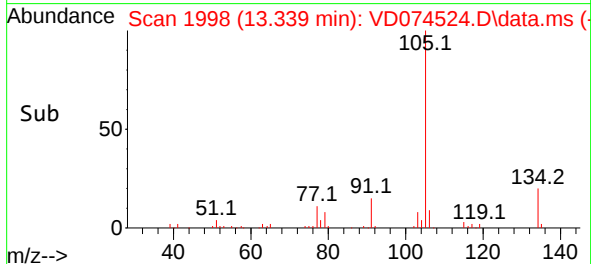
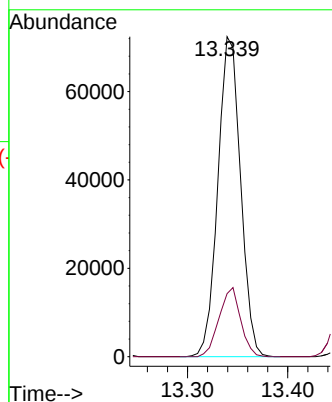
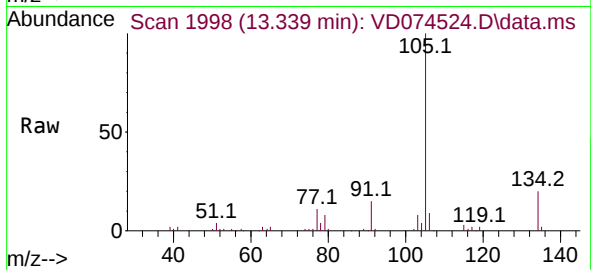




#85
 sec-Butylbenzene
 Concen: 20.706 ug/l
 RT: 13.339 min Scan# 1998
 Delta R.T. 0.000 min
 Lab File: VD074524.D
 Acq: 13 Oct 2022 12:49

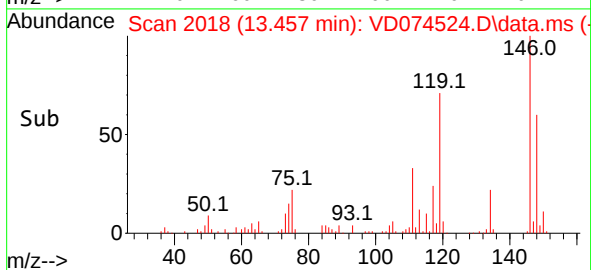
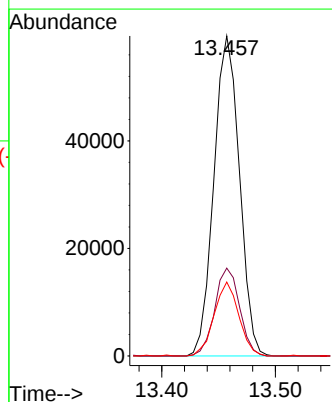
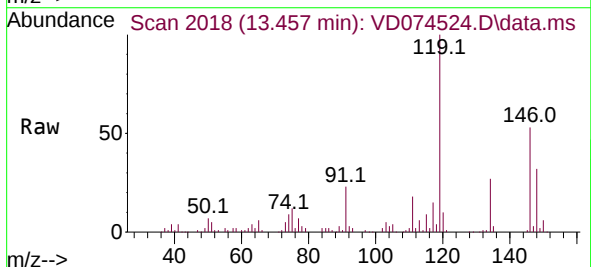
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBS01

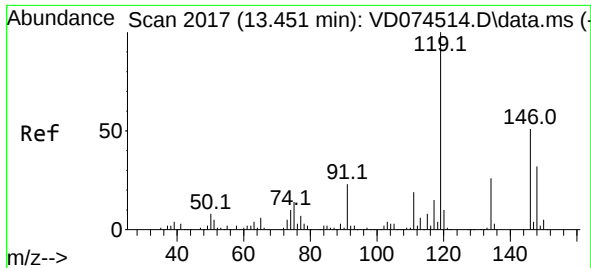
Tgt Ion:105 Resp: 113580
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 20.412 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD074524.D
 Acq: 13 Oct 2022 12:49

Tgt Ion:119 Resp: 92968
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.5 40.4
 91 22.3 10.8 32.4

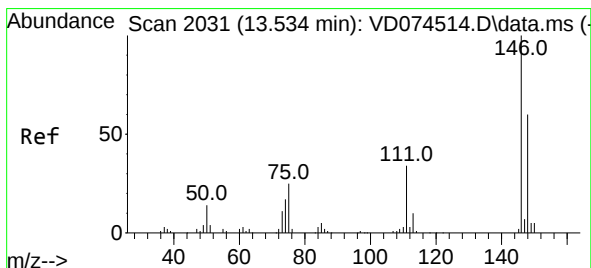
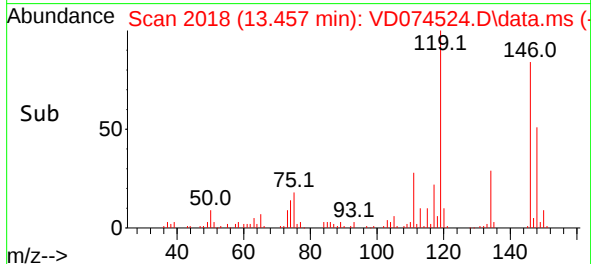
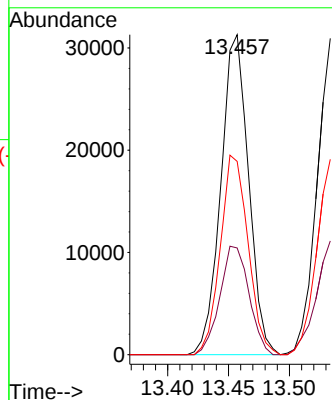
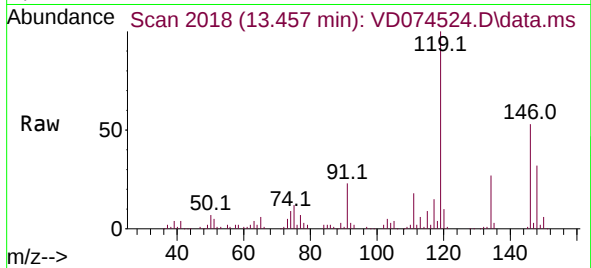




#87
 1,3-Dichlorobenzene
 Concen: 21.159 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.006 min
 Lab File: VD074524.D
 Acq: 13 Oct 2022 12:49

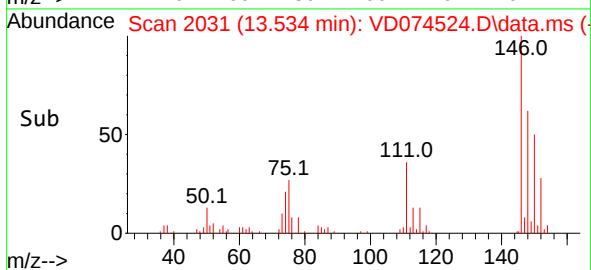
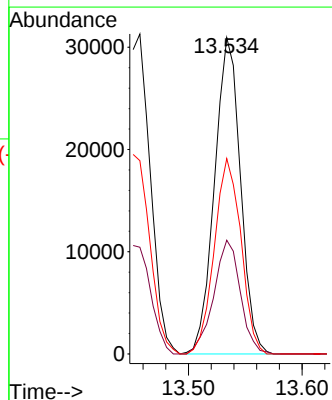
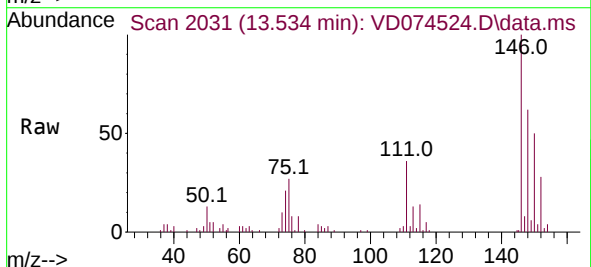
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1013SBS01

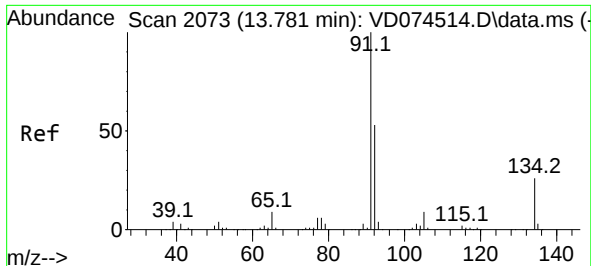
Tgt Ion:146 Resp: 49611
 Ion Ratio Lower Upper
 146 100
 111 35.6 18.3 54.8
 148 62.4 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 21.136 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. -0.000 min
 Lab File: VD074524.D
 Acq: 13 Oct 2022 12:49

Tgt Ion:146 Resp: 49180
 Ion Ratio Lower Upper
 146 100
 111 36.9 17.7 53.1
 148 63.4 32.3 96.9

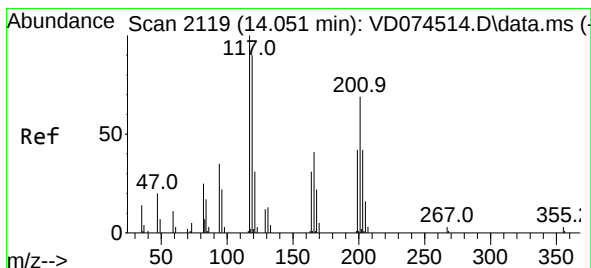
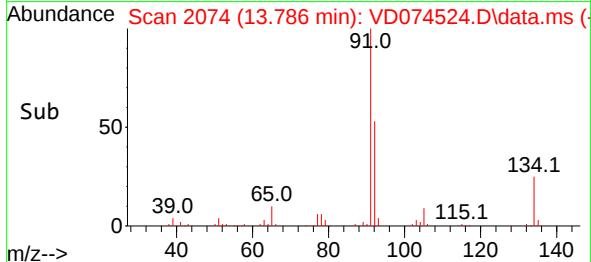
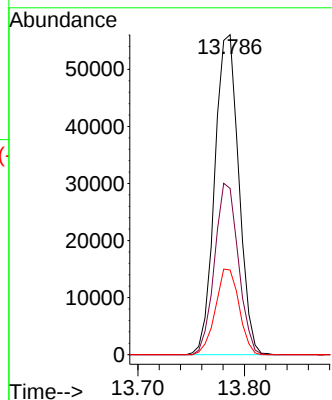
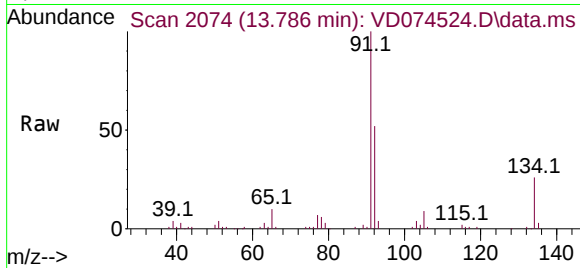




#89
n-Butylbenzene
Concen: 20.603 ug/l
RT: 13.786 min Scan# 2073
Delta R.T. 0.005 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

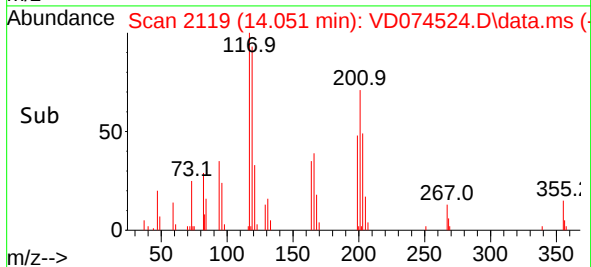
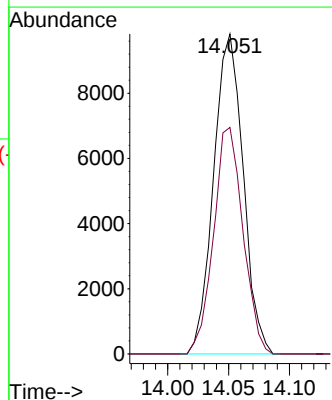
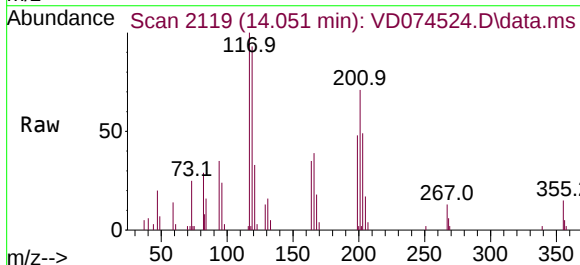
Instrument :
MSVOA_D
ClientSampleId :
VD1013SBS01

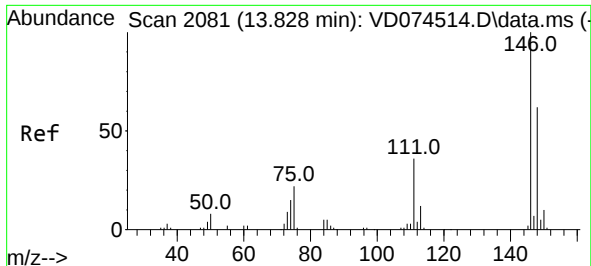
Tgt Ion: 91 Resp: 87657
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 26.4 13.4 40.2



#90
Hexachloroethane
Concen: 20.619 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.006 min
Lab File: VD074524.D
Acq: 13 Oct 2022 12:49

Tgt Ion: 117 Resp: 16581
Ion Ratio Lower Upper
117 100
201 70.4 38.0 114.0





#91

1,2-Dichlorobenzene

Concen: 20.807 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

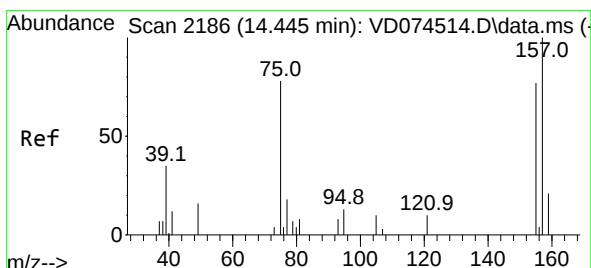
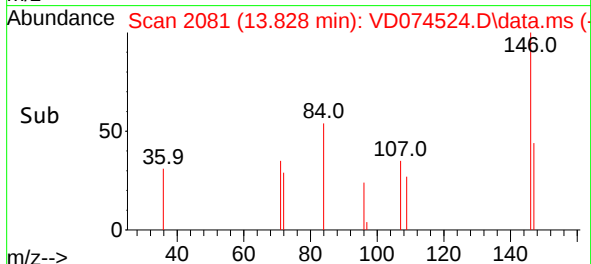
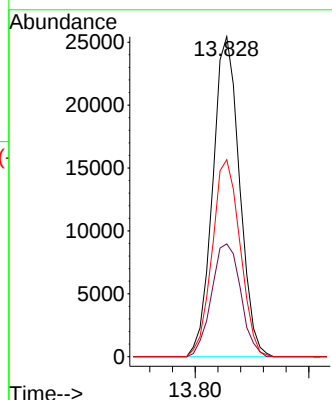
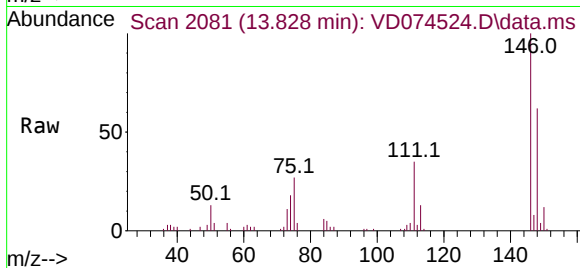
Tgt Ion:146 Resp: 41616

Ion Ratio Lower Upper

146 100

111 38.4 18.9 56.5

148 64.1 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.313 ug/l

RT: 14.439 min Scan# 2185

Delta R.T. 0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

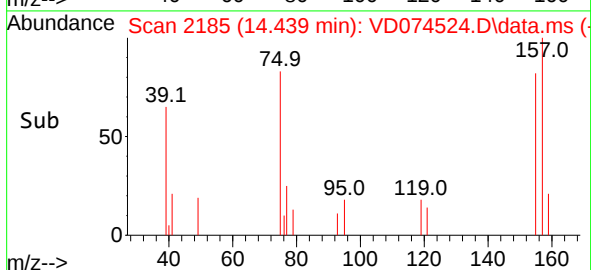
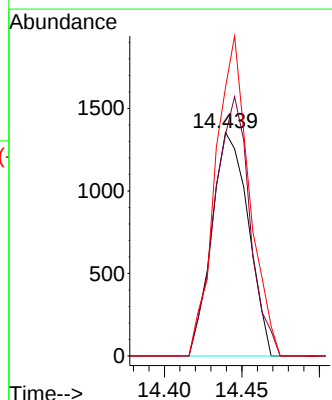
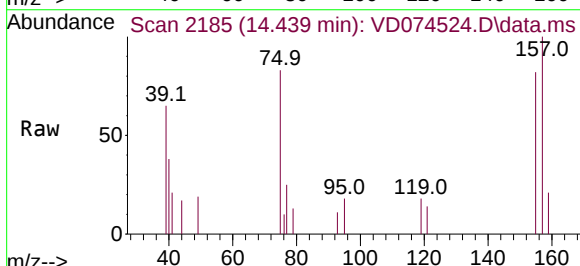
Tgt Ion: 75 Resp: 2222

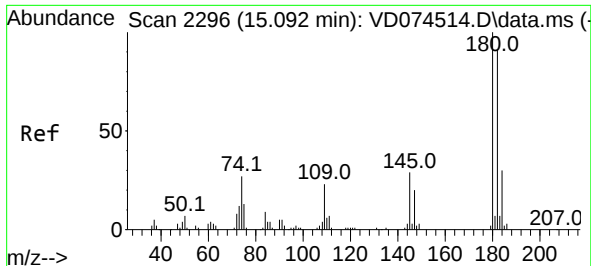
Ion Ratio Lower Upper

75 100

155 111.0 51.2 153.8

157 132.4 68.2 204.5





#93

1,2,4-Trichlorobenzene

Concen: 20.374 ug/l

RT: 15.092 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

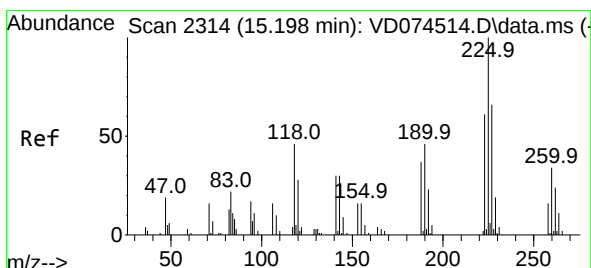
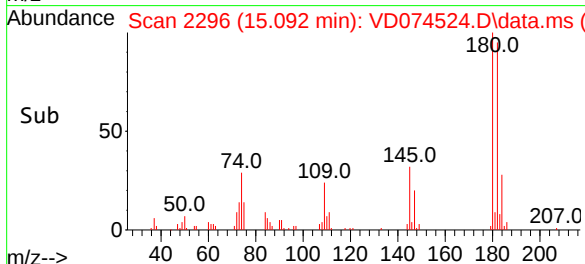
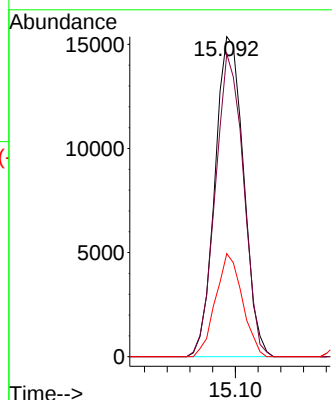
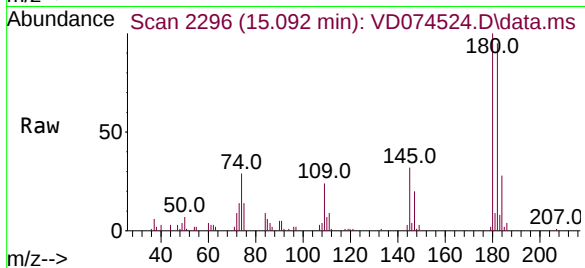
Tgt Ion:180 Resp: 26870

Ion Ratio Lower Upper

180 100

182 93.1 46.9 140.6

145 30.1 14.1 42.3



#94

Hexachlorobutadiene

Concen: 20.538 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. 0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

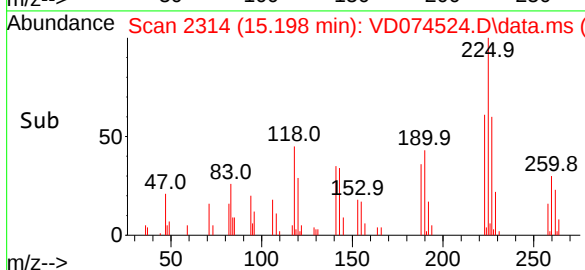
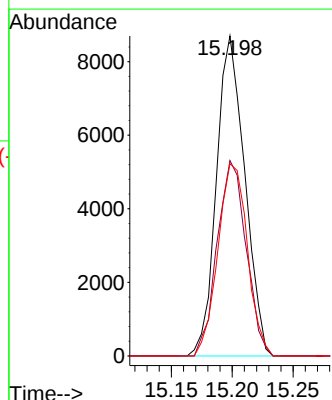
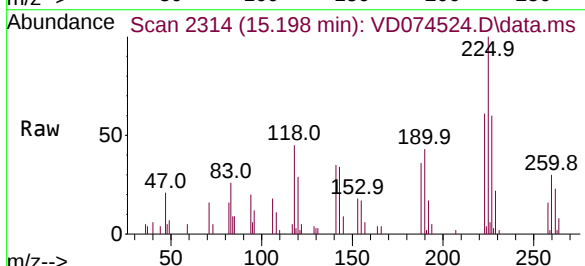
Tgt Ion:225 Resp: 14083

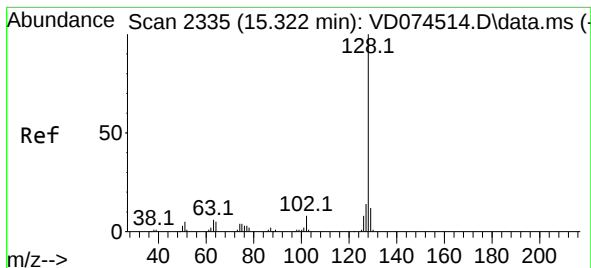
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.5

227 62.4 32.6 97.8





#95

Naphthalene

Concen: 20.338 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

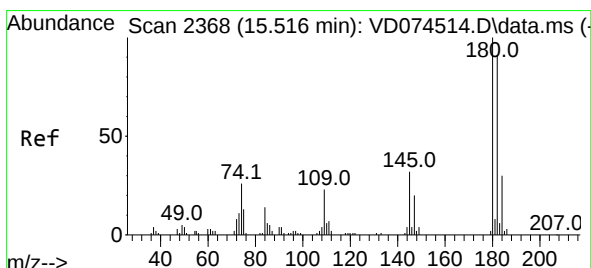
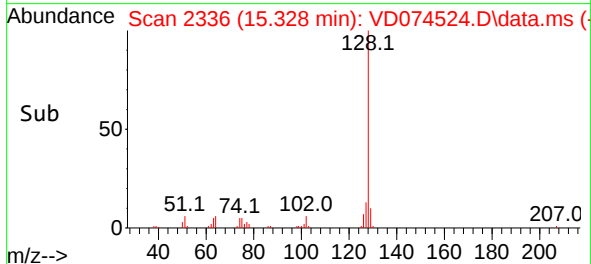
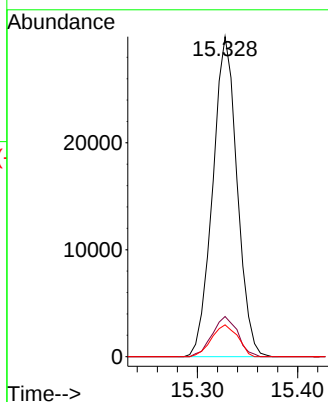
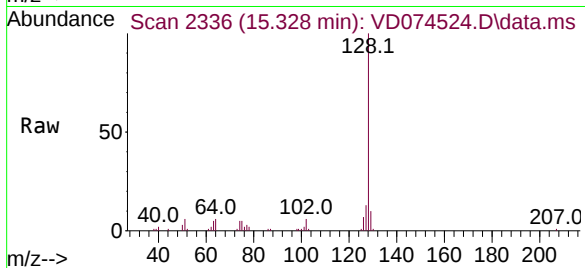
Instrument :

MSVOA_D

ClientSampleId :

VD1013SBS01

Tgt Ion:128	Resp:	50654
Ion Ratio	Lower	Upper
128	100	
127	13.1	10.6 16.0
129	10.6	8.3 12.5



#96

1,2,3-Trichlorobenzene

Concen: 20.598 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.000 min

Lab File: VD074524.D

Acq: 13 Oct 2022 12:49

Tgt Ion:180	Resp:	23189
Ion Ratio	Lower	Upper
180	100	
182	93.7	46.7 140.1
145	30.9	14.9 44.7

