

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
 Data File : VD074254.D
 Acq On : 12 Sep 2022 13:52
 Operator : VA/SY
 Sample : VD0912SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0912SBS01

Quant Time: Sep 13 04:41:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	114369	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.769	114	187570	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	170966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.504	152	84150	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	59860	51.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.680%	
35) Dibromofluoromethane	7.799	113	63434	50.573	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.140%	
50) Toluene-d8	10.263	98	243294	52.914	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.820%	
62) 4-Bromofluorobenzene	12.563	95	79025	49.085	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.180%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	23622	24.870	ug/l	97
3) Chloromethane	2.140	50	19851	23.219	ug/l	96
4) Vinyl Chloride	2.269	62	17404	23.897	ug/l	94
5) Bromomethane	2.664	94	9842	25.661	ug/l	96
6) Chloroethane	2.816	64	9860	22.735	ug/l	95
7) Trichlorofluoromethane	3.158	101	43427	21.431	ug/l	98
8) Diethyl Ether	3.581	74	14255	21.804	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.952	101	26468	20.302	ug/l	94
10) Methyl Iodide	4.152	142	32589	20.975	ug/l	99
11) Tert butyl alcohol	5.063	59	9897	104.073	ug/l #	87
12) 1,1-Dichloroethene	3.922	96	27889	22.160	ug/l	96
13) Acrolein	3.793	56	10093	99.851	ug/l	98
14) Allyl chloride	4.558	41	42069	21.539	ug/l	99
15) Acrylonitrile	5.258	53	31920	104.722	ug/l	97
16) Acetone	4.016	43	24251	100.762	ug/l	94
17) Carbon Disulfide	4.258	76	82894	22.832	ug/l #	93
18) Methyl Acetate	4.558	43	18677	23.195	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	65127	21.363	ug/l	94
20) Methylene Chloride	4.787	84	42131	25.806	ug/l	95
21) trans-1,2-Dichloroethene	5.299	96	30532	21.505	ug/l	98
22) Diisopropyl ether	6.216	45	88712	21.403	ug/l	96
23) Vinyl Acetate	6.152	43	176565	90.211	ug/l	100
24) 1,1-Dichloroethane	6.104	63	54048	21.109	ug/l #	93
25) 2-Butanone	7.081	43	42389	105.601	ug/l	96
26) 2,2-Dichloropropane	7.069	77	44227	19.771	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	34083	21.010	ug/l	97
28) Bromochloromethane	7.416	49	13727	17.457	ug/l #	99
29) Tetrahydrofuran	7.440	42	27037	109.254	ug/l	97
30) Chloroform	7.593	83	54105	21.290	ug/l	91
31) Cyclohexane	7.869	56	50812	21.087	ug/l	97
32) 1,1,1-Trichloroethane	7.787	97	47108	21.126	ug/l	99
36) 1,1-Dichloropropene	8.004	75	42997	21.179	ug/l	99
37) Ethyl Acetate	7.169	43	19474	22.119	ug/l	97
38) Carbon Tetrachloride	7.987	117	38981	21.222	ug/l	98
39) Methylcyclohexane	9.269	83	52119	20.738	ug/l	97
40) Benzene	8.246	78	122091	21.730	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	10716	21.853	ug/l	94
42) 1,2-Dichloroethane	8.322	62	32825	22.107	ug/l	99
43) Isopropyl Acetate	8.357	43	36767	21.620	ug/l	99
44) Trichloroethene	9.022	130	32958	21.133	ug/l	100
45) 1,2-Dichloropropane	9.298	63	31477	21.556	ug/l	93
46) Dibromomethane	9.393	93	16039	21.155	ug/l	98
47) Bromodichloromethane	9.581	83	40946	21.467	ug/l #	96
48) Methyl methacrylate	9.375	41	16843	20.970	ug/l	97
49) 1,4-Dioxane	9.375	88	3955	440.520	ug/l #	94
51) 4-Methyl-2-Pentanone	10.151	43	93353	108.612	ug/l	100
52) Toluene	10.328	92	76790	21.308	ug/l	99
53) t-1,3-Dichloropropene	10.545	75	37925	21.093	ug/l	97
54) cis-1,3-Dichloropropene	10.010	75	46337	20.917	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	22841	21.794	ug/l	97
56) Ethyl methacrylate	10.592	69	29758	21.370	ug/l	97
57) 1,3-Dichloropropane	10.869	76	39476	21.343	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.863	63	32531	121.661	ug/l	99
59) 2-Hexanone	10.916	43	63131	108.164	ug/l	97
60) Dibromochloromethane	11.063	129	27177	21.294	ug/l	100
61) 1,2-Dibromoethane	11.169	107	20975	21.027	ug/l	95
64) Tetrachloroethene	10.804	164	28117	21.509	ug/l	92
65) Chlorobenzene	11.598	112	84279	21.928	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.669	131	29224	21.230	ug/l	99
67) Ethyl Benzene	11.675	91	149277	20.792	ug/l	100
68) m/p-Xylenes	11.787	106	115242	42.293	ug/l	100
69) o-Xylene	12.110	106	54667	21.229	ug/l	99
70) Styrene	12.122	104	91966	21.412	ug/l	98
71) Bromoform	12.287	173	16426	21.434	ug/l #	99
73) Isopropylbenzene	12.410	105	146029	20.511	ug/l	100
74) N-amyl acetate	12.222	43	35192	20.990	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.663	83	27847	21.481	ug/l	98
76) 1,2,3-Trichloropropane	12.710	75	30323	35.150	ug/l #	100
77) Bromobenzene	12.687	156	33626	21.522	ug/l	94
78) n-propylbenzene	12.751	91	178504	20.446	ug/l	99
79) 2-Chlorotoluene	12.834	91	96828	20.503	ug/l	99
80) 1,3,5-Trimethylbenzene	12.892	105	120430	20.416	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.457	75	6739	19.261	ug/l #	100
82) 4-Chlorotoluene	12.934	91	100932	20.992	ug/l	99
83) tert-Butylbenzene	13.151	119	107505	20.823	ug/l	99
84) 1,2,4-Trimethylbenzene	13.198	105	119693	20.902	ug/l	100
85) sec-Butylbenzene	13.328	105	157362	20.120	ug/l	99
86) p-Isopropyltoluene	13.445	119	130159	20.375	ug/l	99
87) 1,3-Dichlorobenzene	13.445	146	66748	20.948	ug/l	99
88) 1,4-Dichlorobenzene	13.522	146	65345	20.854	ug/l	99
89) n-Butylbenzene	13.769	91	127728	20.462	ug/l	99
90) Hexachloroethane	14.039	117	24657	21.100	ug/l	99
91) 1,2-Dichlorobenzene	13.816	146	58033	20.942	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.433	75	4051	22.238	ug/l	92
93) 1,2,4-Trichlorobenzene	15.081	180	38470	20.083	ug/l	98
94) Hexachlorobutadiene	15.186	225	22284	20.358	ug/l	97
95) Naphthalene	15.310	128	73030	20.404	ug/l	99
96) 1,2,3-Trichlorobenzene	15.504	180	33211	20.196	ug/l	100

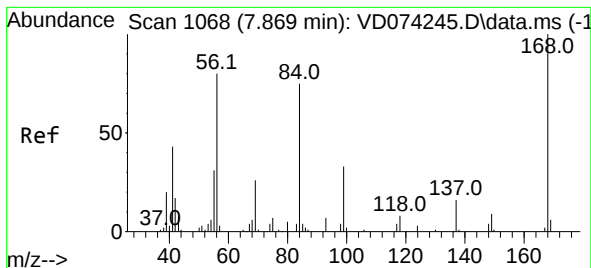
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091222\
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Operator : VA/SY
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ClientSampleId :
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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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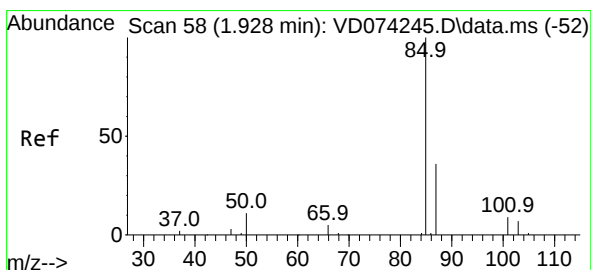
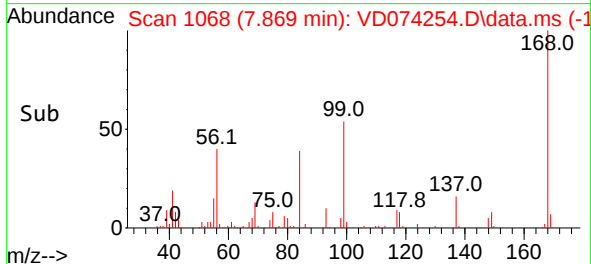
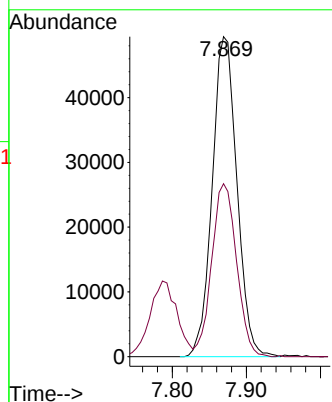
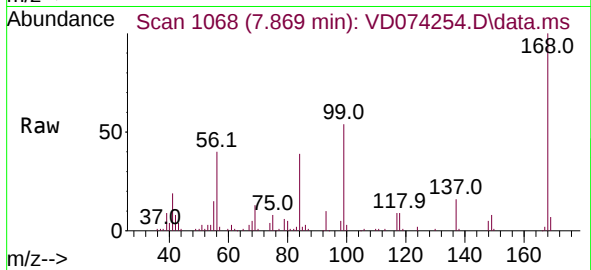
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

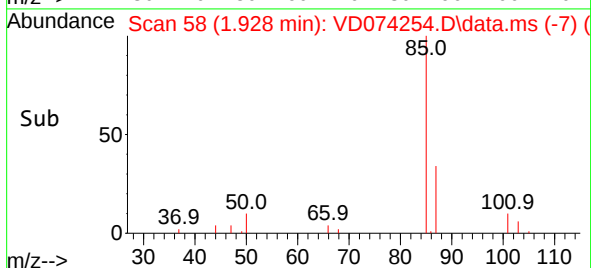
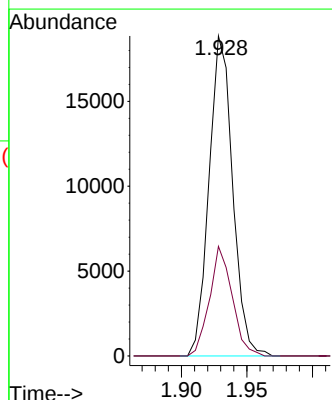
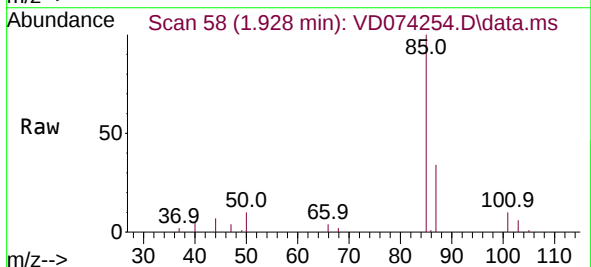
Instrument :
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ClientSampleId :
VD0912SBSD01

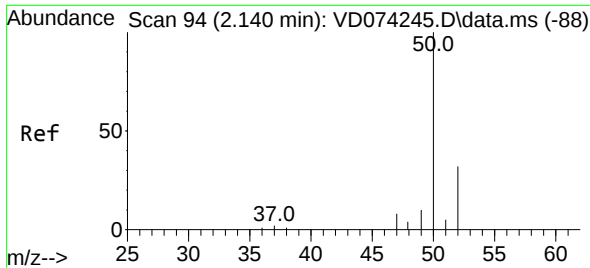
Tgt Ion:168 Resp: 114369
Ion Ratio Lower Upper
168 100
99 53.7 43.0 64.6



#2
Dichlorodifluoromethane
Concen: 24.870 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 85 Resp: 23622
Ion Ratio Lower Upper
85 100
87 34.2 17.9 53.7

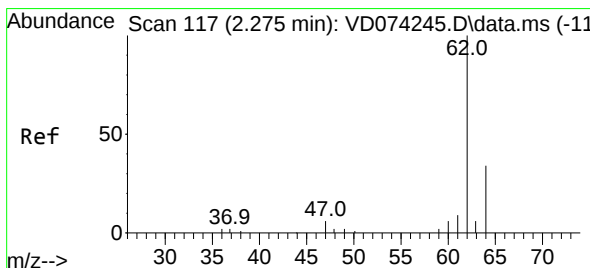
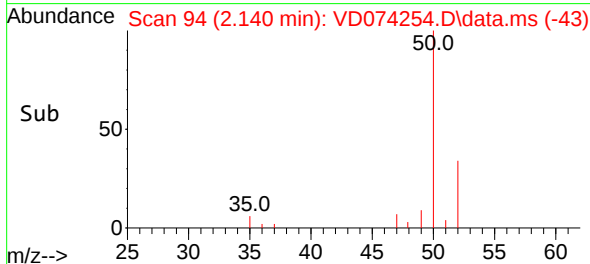
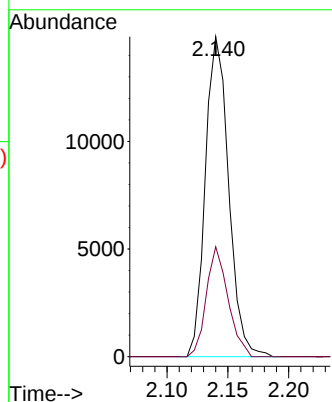
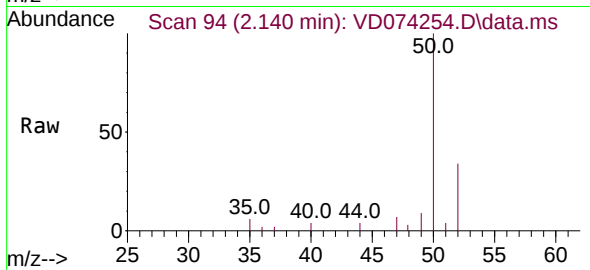




#3
Chloromethane
Concen: 23.219 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

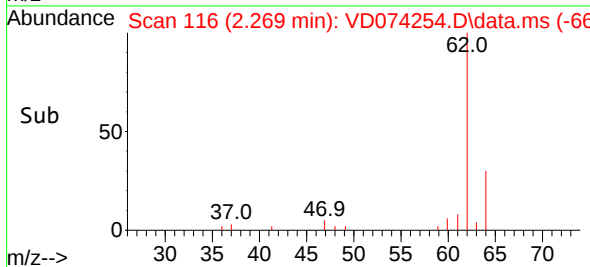
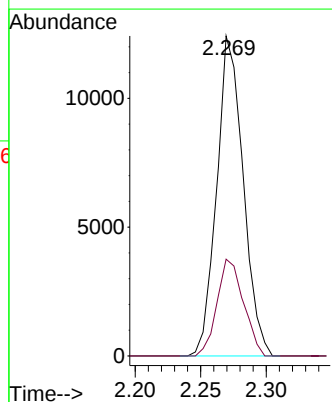
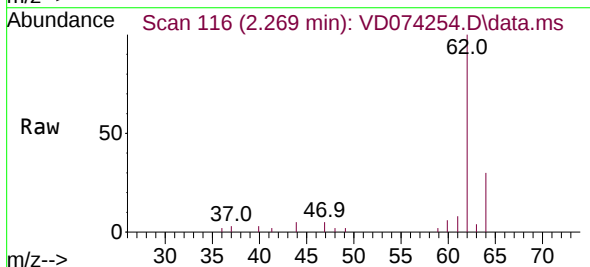
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

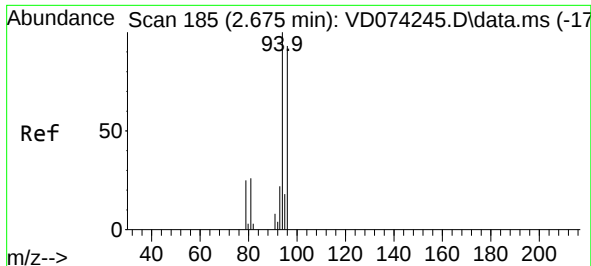
Tgt Ion: 50 Resp: 19851
Ion Ratio Lower Upper
50 100
52 34.4 25.8 38.8



#4
Vinyl Chloride
Concen: 23.897 ug/l
RT: 2.269 min Scan# 116
Delta R.T. -0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 62 Resp: 17404
Ion Ratio Lower Upper
62 100
64 30.3 27.0 40.4

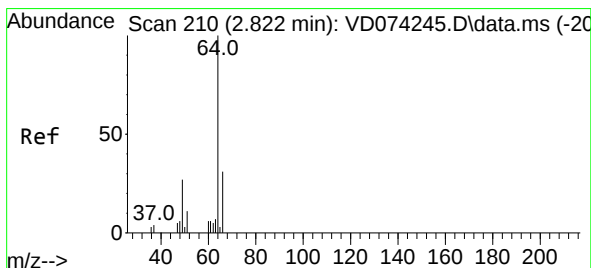
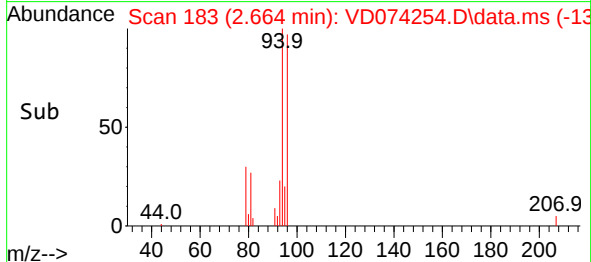
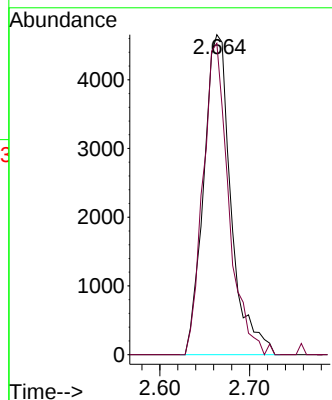
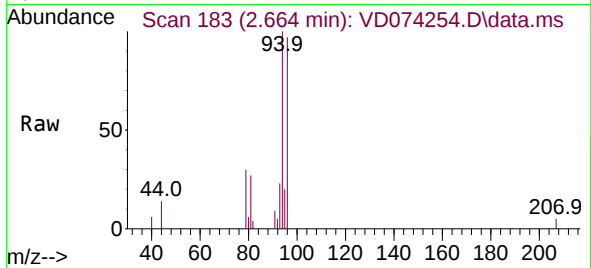




#5
Bromomethane
Concen: 25.661 ug/l
RT: 2.664 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

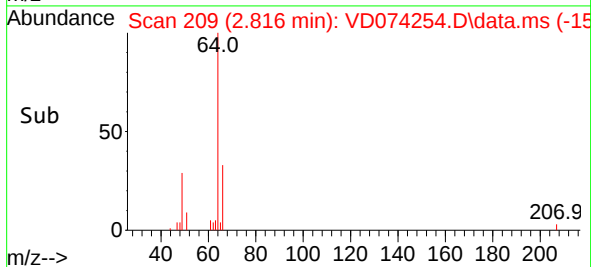
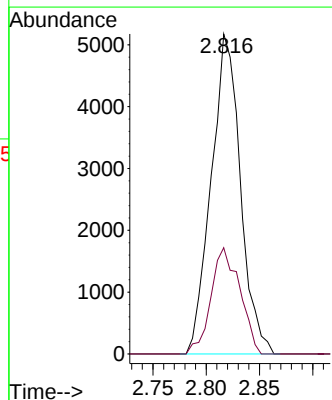
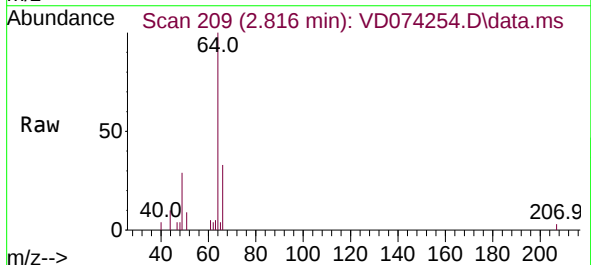
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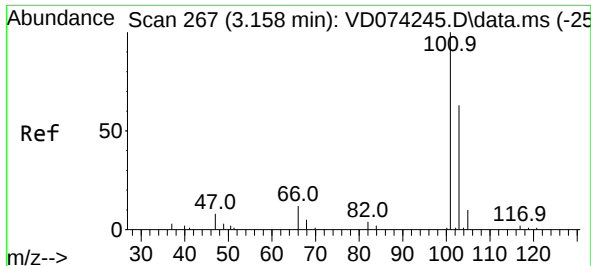
Tgt Ion: 94 Resp: 9842
Ion Ratio Lower Upper
94 100
96 97.3 74.6 112.0



#6
Chloroethane
Concen: 22.735 ug/l
RT: 2.816 min Scan# 209
Delta R.T. -0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 64 Resp: 9860
Ion Ratio Lower Upper
64 100
66 33.2 24.6 36.8

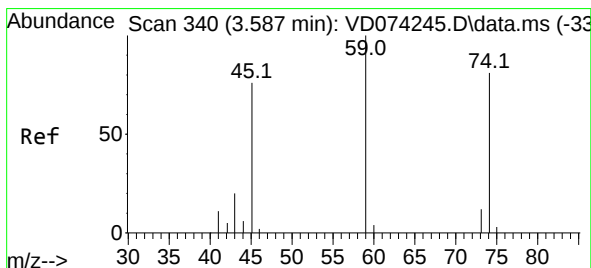
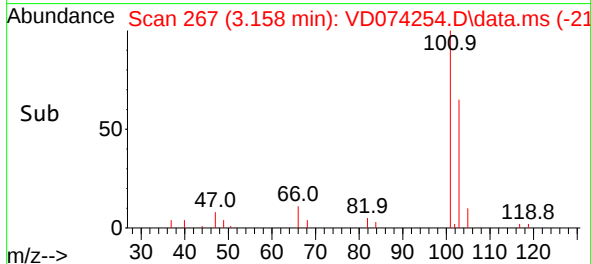
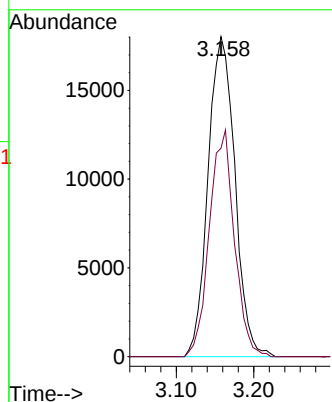
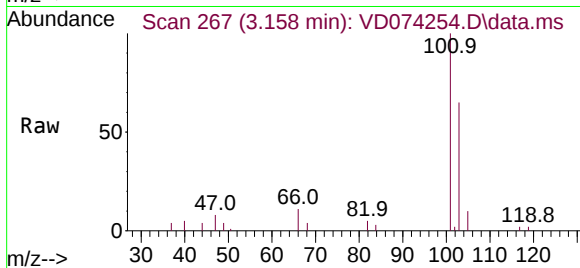




#7
Trichlorofluoromethane
Concen: 21.431 ug/l
RT: 3.158 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

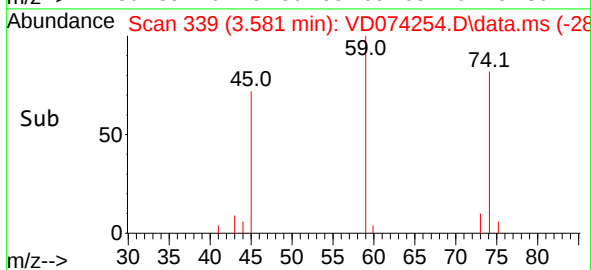
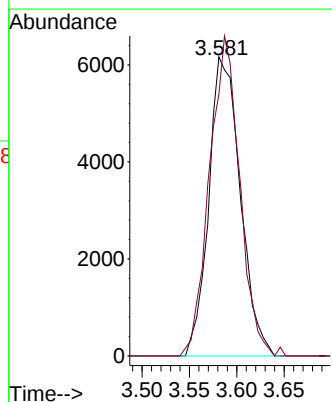
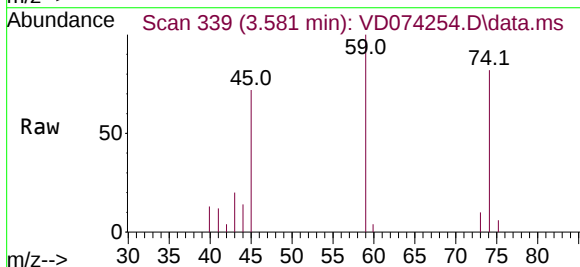
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

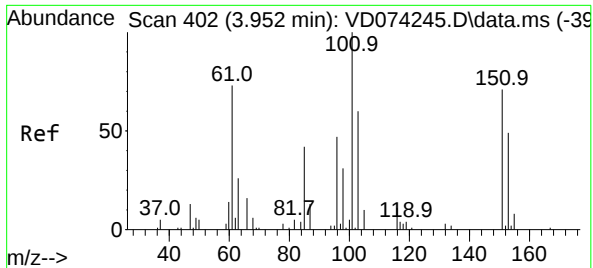
Tgt Ion:101 Resp: 43427
Ion Ratio Lower Upper
101 100
103 65.2 50.6 76.0



#8
Diethyl Ether
Concen: 21.804 ug/l
RT: 3.581 min Scan# 339
Delta R.T. -0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 74 Resp: 14255
Ion Ratio Lower Upper
74 100
45 102.5 47.9 143.6

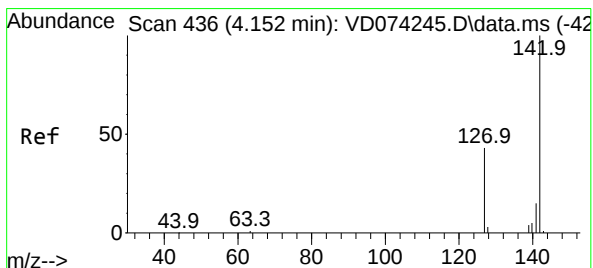
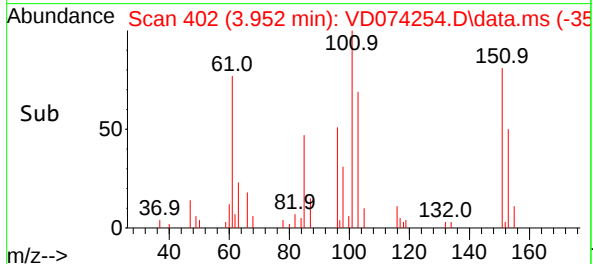
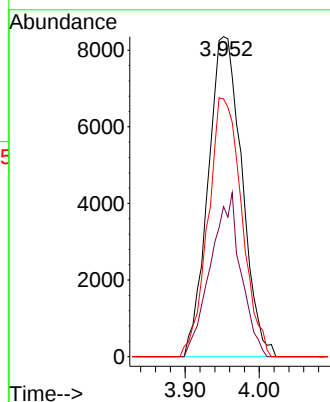
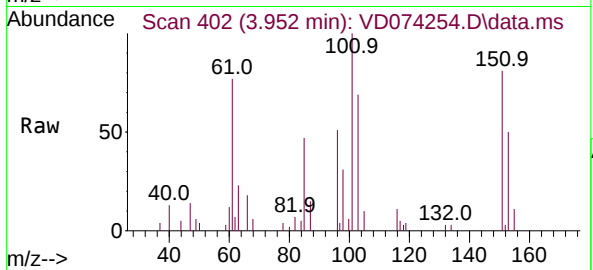




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.302 ug/l
RT: 3.952 min Scan# 402
Delta R.T. -0.000 min
Lab File: VD074254.D
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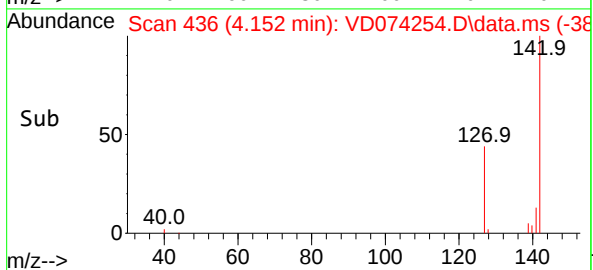
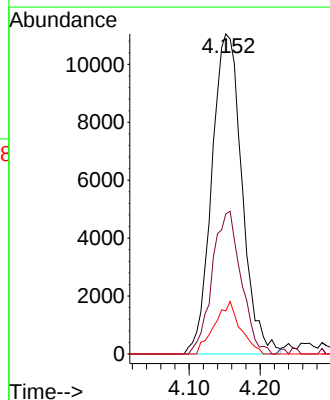
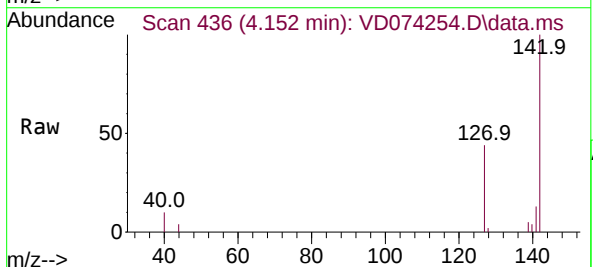
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

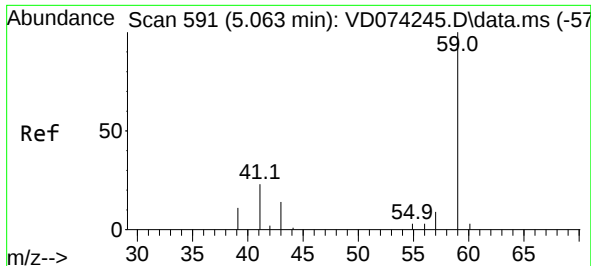
Tgt Ion:101	Resp:	26468
Ion	Ratio	Lower Upper
101	100	
85	45.9	35.0 52.4
151	80.4	59.7 89.5



#10
Methyl Iodide
Concen: 20.975 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion:142	Resp:	32589
Ion	Ratio	Lower Upper
142	100	
127	42.7	34.6 51.8
141	14.0	11.7 17.5

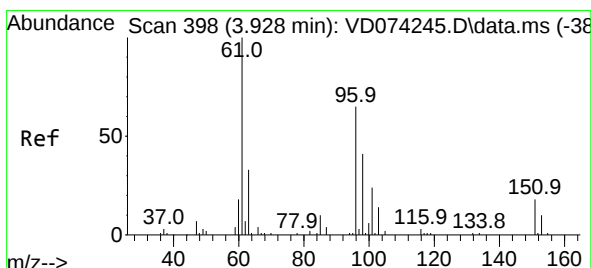
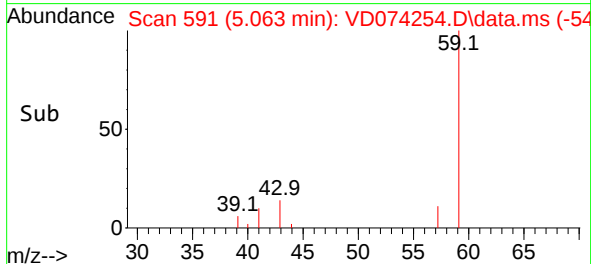
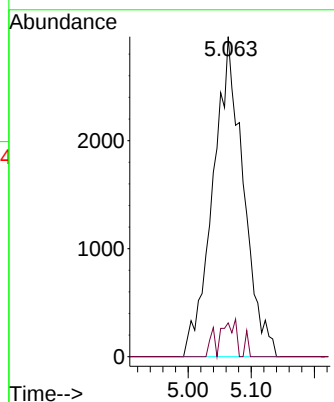
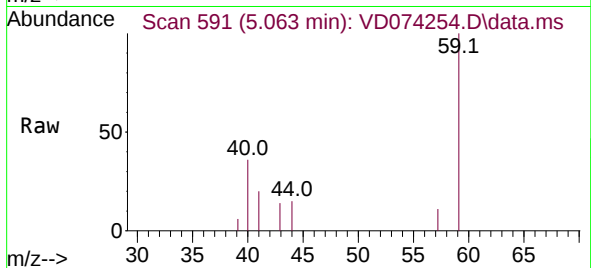




#11
Tert butyl alcohol
Concen: 104.073 ug/l
RT: 5.063 min Scan# 591
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

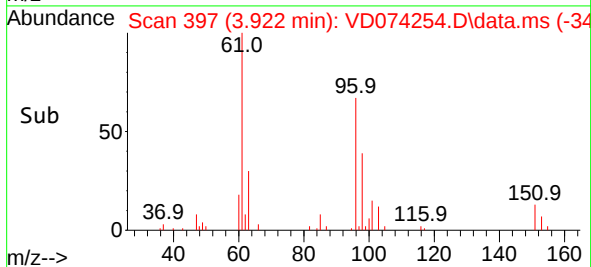
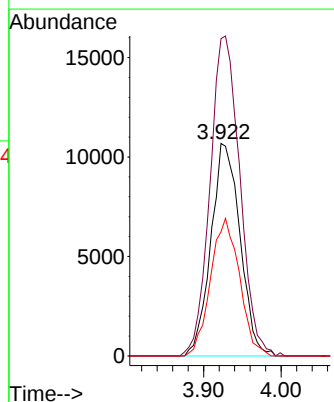
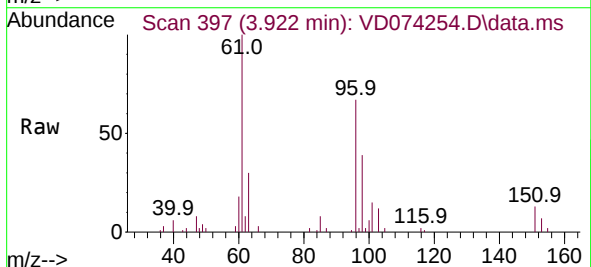
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

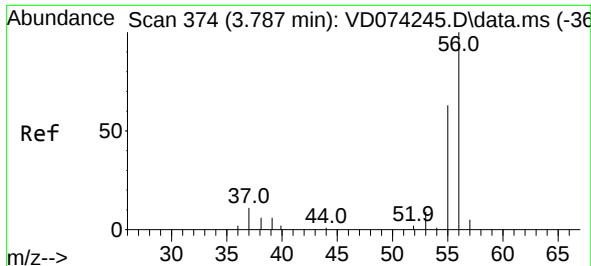
Tgt Ion: 59 Resp: 9897
Ion Ratio Lower Upper
59 100
57 5.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 22.160 ug/l
RT: 3.922 min Scan# 397
Delta R.T. -0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 96 Resp: 27889
Ion Ratio Lower Upper
96 100
61 149.3 122.3 183.5
98 58.4 50.7 76.1

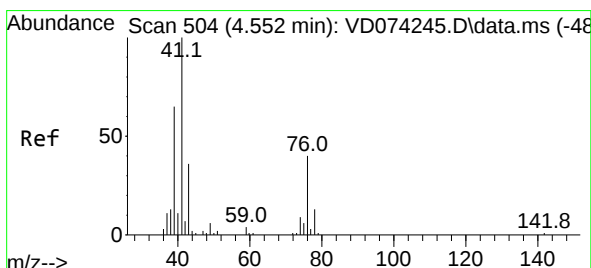
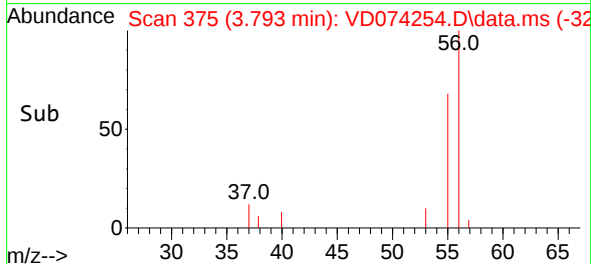
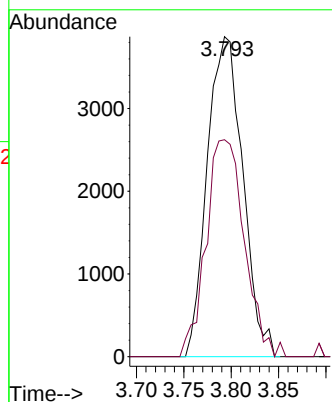
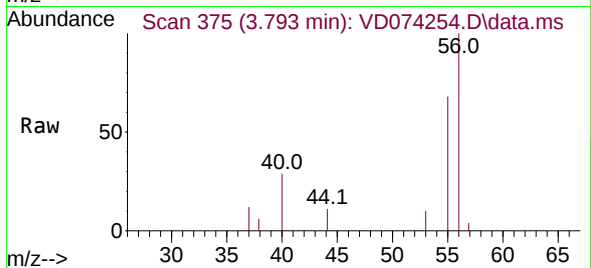




#13
Acrolein
Concen: 99.851 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

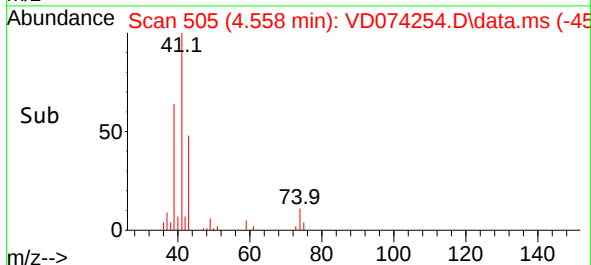
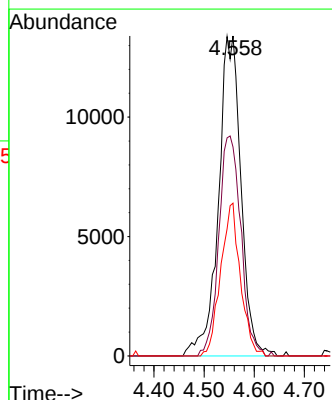
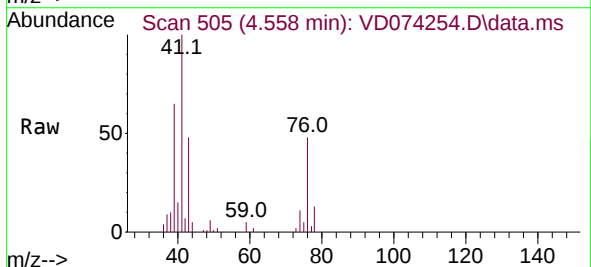
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

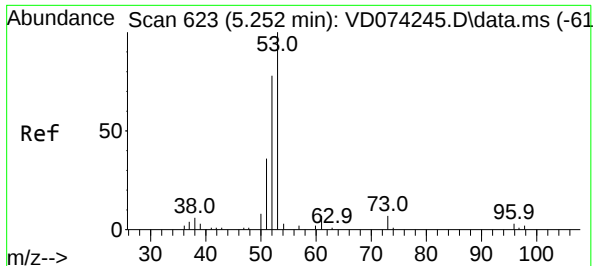
Tgt Ion: 56 Resp: 10093
Ion Ratio Lower Upper
56 100
55 73.2 57.4 86.2



#14
Allyl chloride
Concen: 21.539 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 41 Resp: 42069
Ion Ratio Lower Upper
41 100
39 66.7 52.8 79.2
76 41.6 32.9 49.3

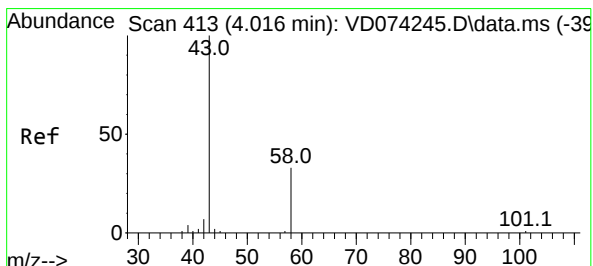
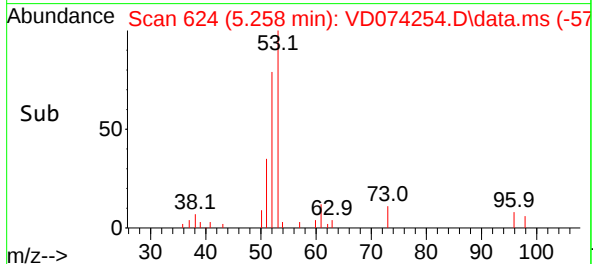
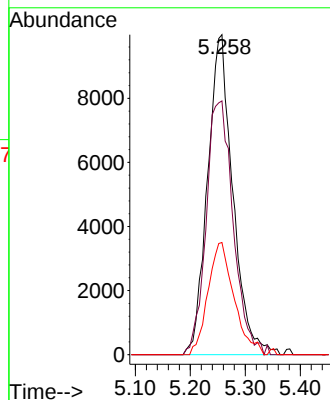
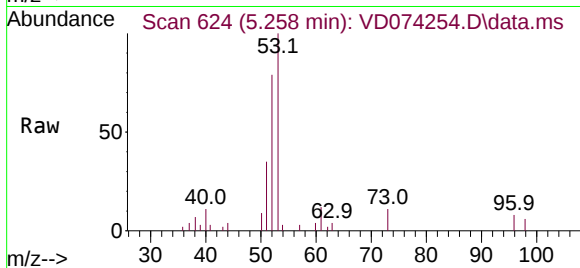




#15
Acrylonitrile
Concen: 104.722 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

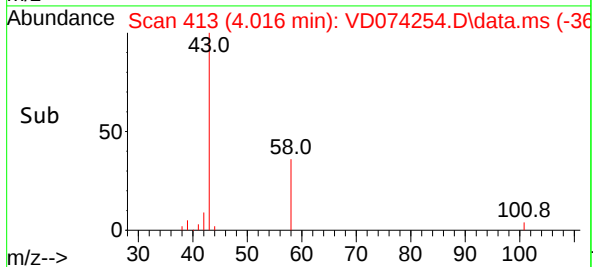
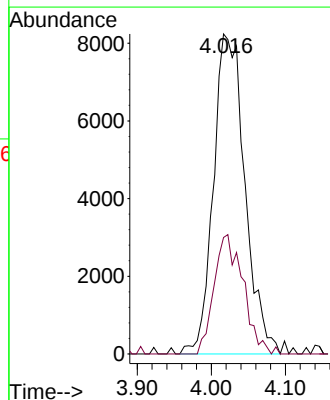
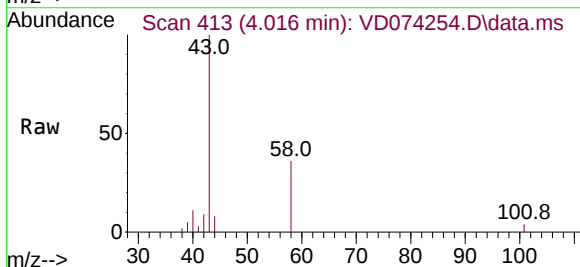
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

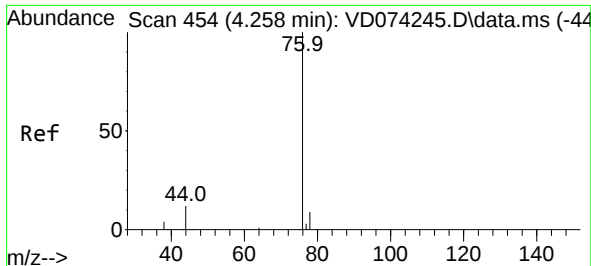
Tgt Ion:	53	Resp:	31920
Ion	Ratio	Lower	Upper
53	100		
52	84.8	65.3	97.9
51	36.1	29.0	43.6



#16
Acetone
Concen: 100.762 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion:	43	Resp:	24251
Ion	Ratio	Lower	Upper
43	100		
58	36.4	26.4	39.6

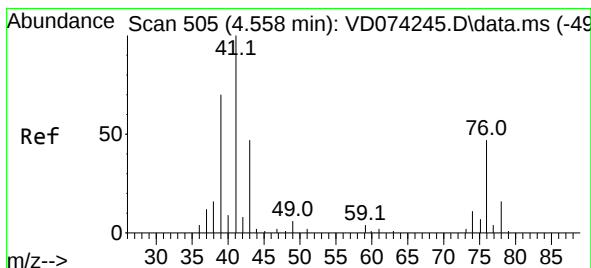
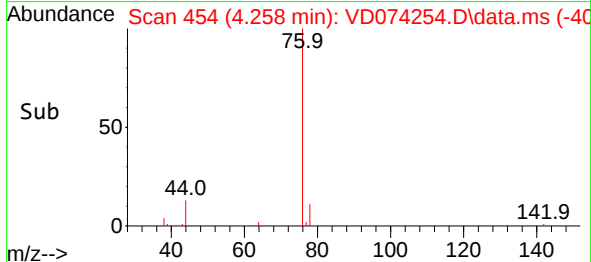
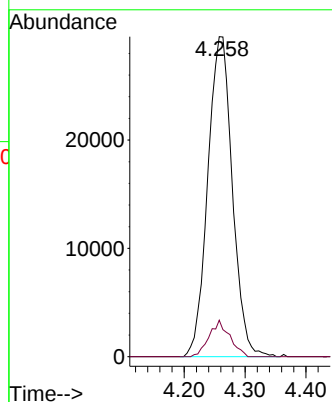
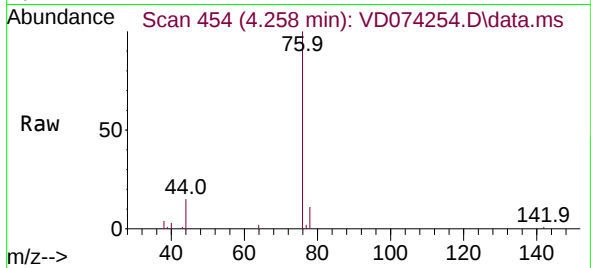




#17
Carbon Disulfide
Concen: 22.832 ug/l
RT: 4.258 min Scan# 411
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

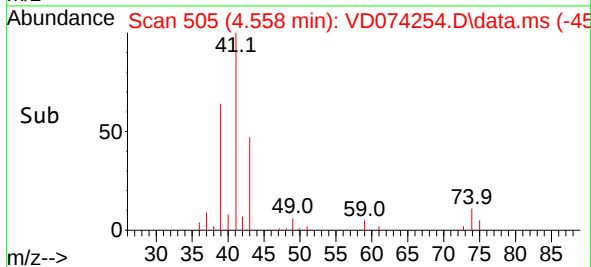
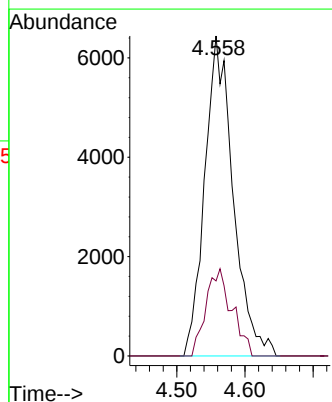
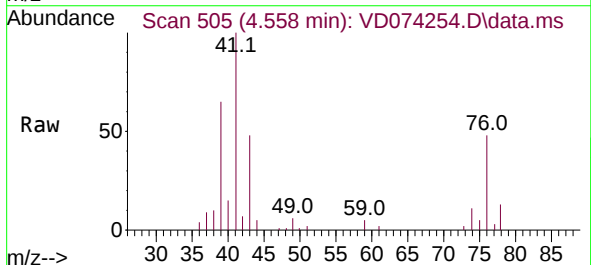
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

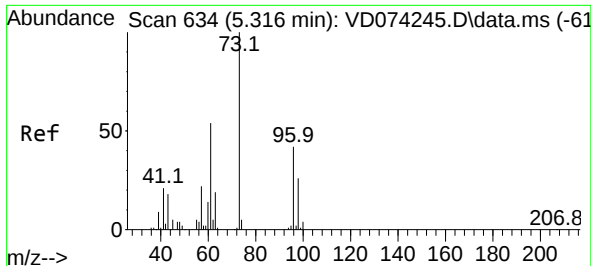
Tgt Ion: 76 Resp: 82894
Ion Ratio Lower Upper
76 100
78 11.4 7.2 10.8#



#18
Methyl Acetate
Concen: 23.195 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 43 Resp: 18677
Ion Ratio Lower Upper
43 100
74 24.8 19.3 28.9





#19

Methyl tert-butyl Ether

Concen: 21.363 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

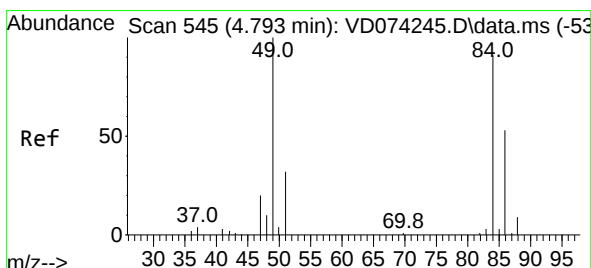
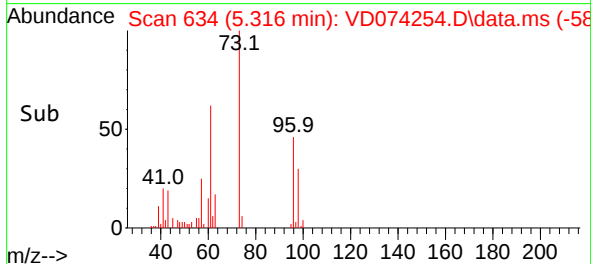
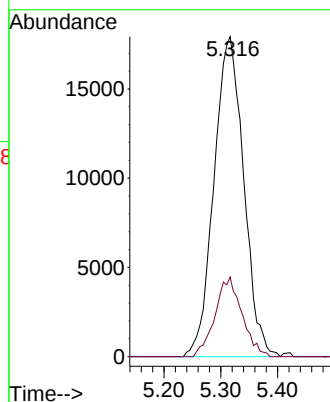
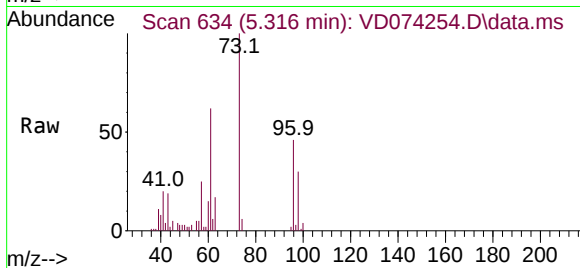
VD0912SBS01

Tgt Ion: 73 Resp: 65127

Ion Ratio Lower Upper

73 100

57 24.8 17.8 26.6



#20

Methylene Chloride

Concen: 25.806 ug/l

RT: 4.787 min Scan# 544

Delta R.T. -0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Tgt Ion: 84 Resp: 42131

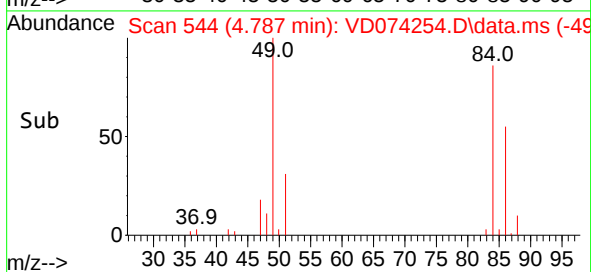
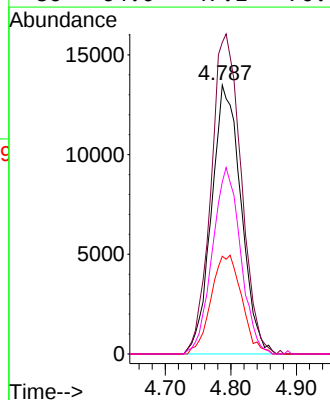
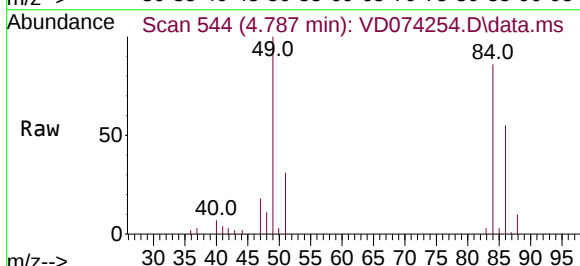
Ion Ratio Lower Upper

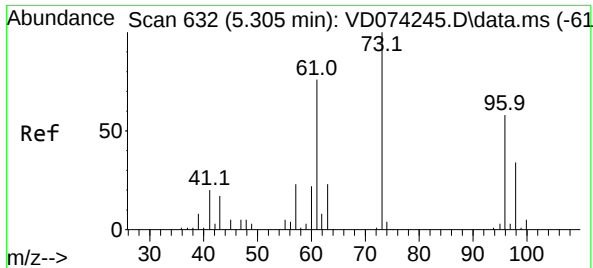
84 100

49 115.9 88.4 132.6

51 36.3 28.0 42.0

86 64.0 47.1 70.7

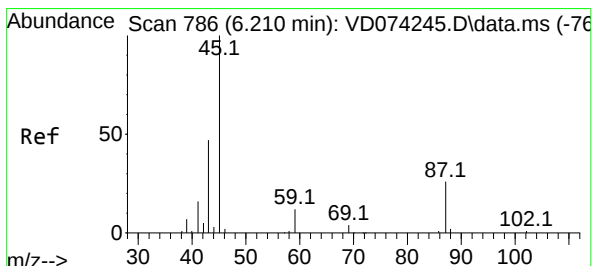
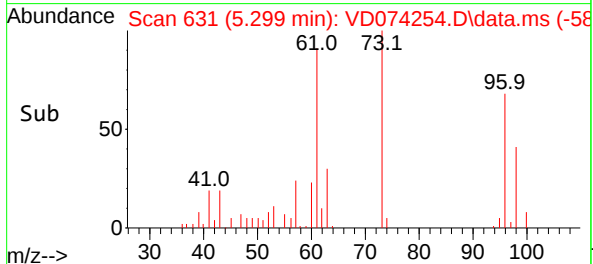
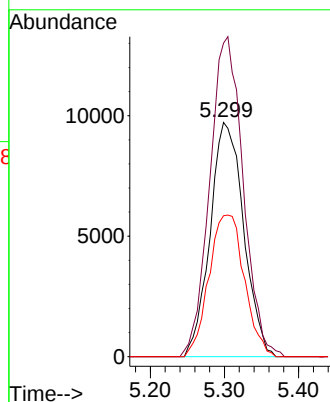
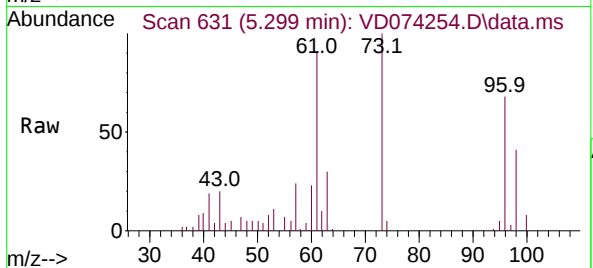




#21
trans-1,2-Dichloroethene
Concen: 21.505 ug/l
RT: 5.299 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

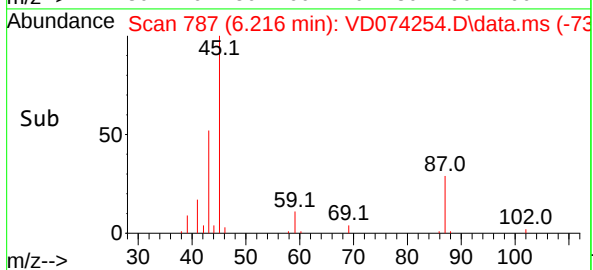
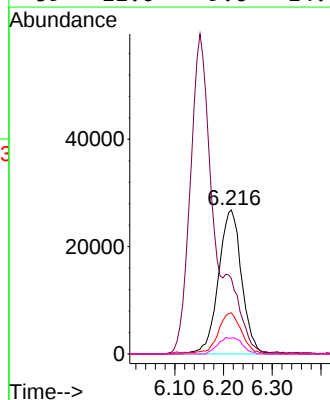
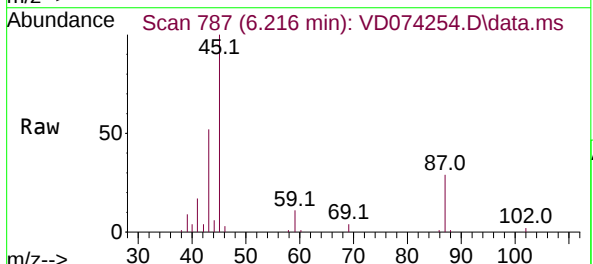
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

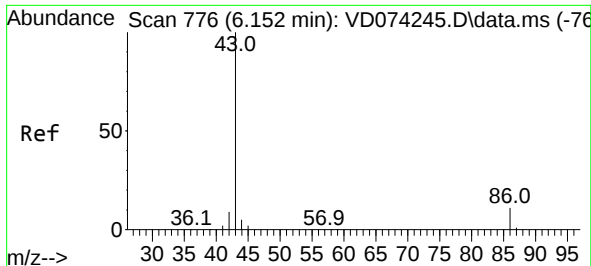
Tgt Ion: 96 Resp: 30532
Ion Ratio Lower Upper
96 100
61 133.9 105.1 157.7
98 60.2 47.4 71.2



#22
Diisopropyl ether
Concen: 21.403 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 45 Resp: 88712
Ion Ratio Lower Upper
45 100
43 51.4 38.9 58.3
87 28.5 21.0 31.4
59 11.0 9.6 14.4

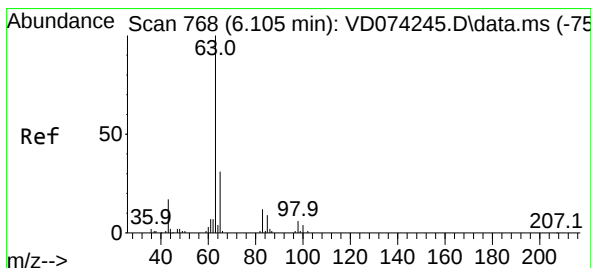
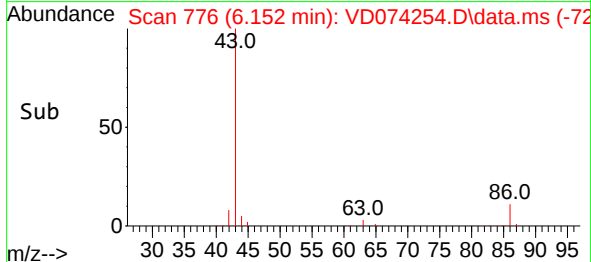
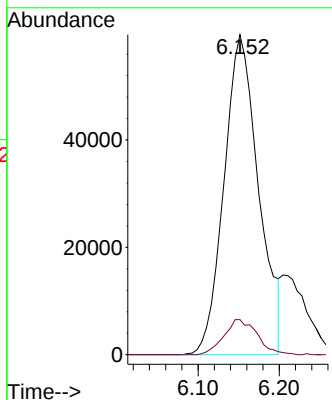
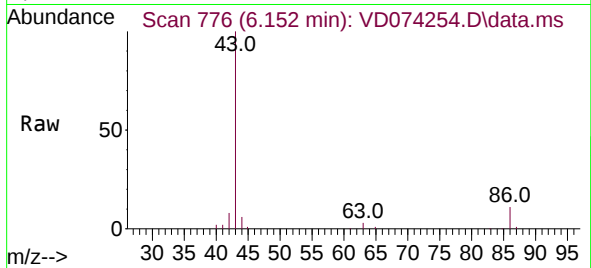




#23
 Vinyl Acetate
 Concen: 90.211 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD074254.D
 Acq: 12 Sep 2022 13:52

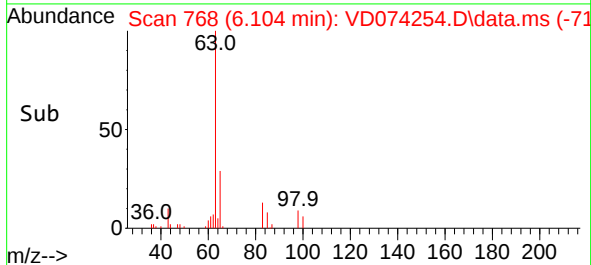
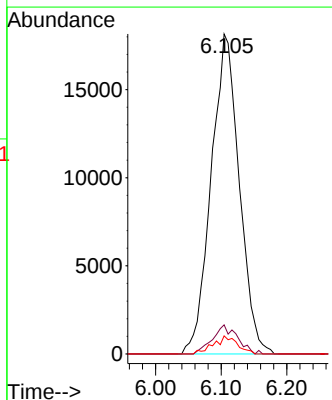
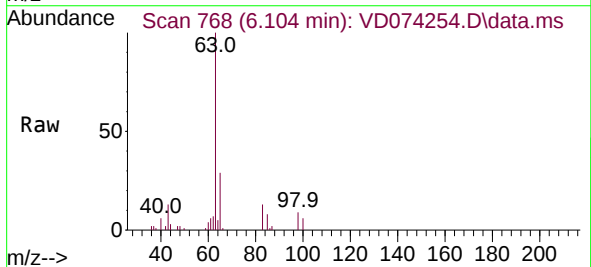
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0912SBSD01

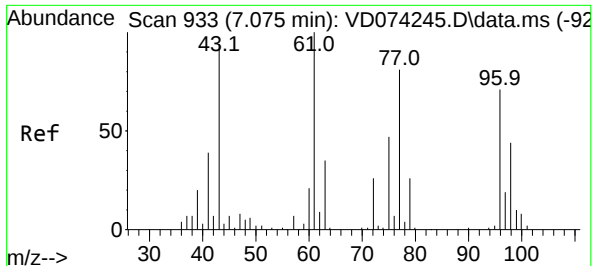
Tgt Ion: 43 Resp: 176565
 Ion Ratio Lower Upper
 43 100
 86 11.0 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 21.109 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD074254.D
 Acq: 12 Sep 2022 13:52

Tgt Ion: 63 Resp: 54048
 Ion Ratio Lower Upper
 63 100
 98 9.1 2.8 8.4#
 100 5.6 2.2 6.6

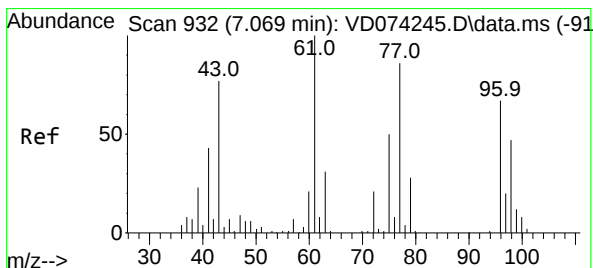
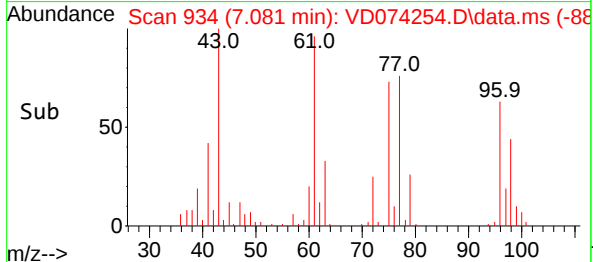
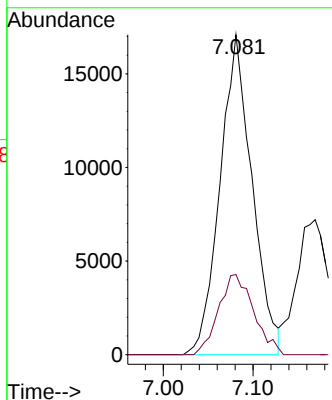
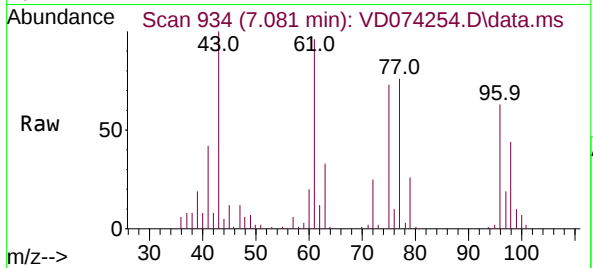




#25
2-Butanone
Concen: 105.601 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

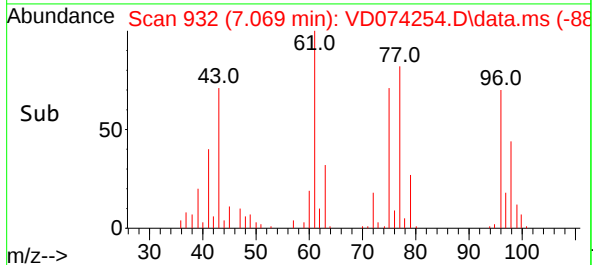
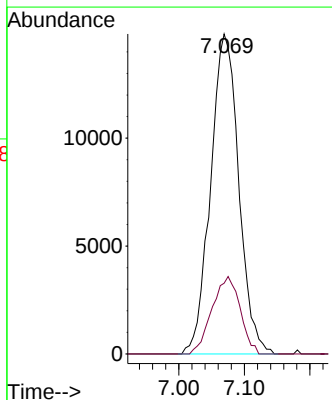
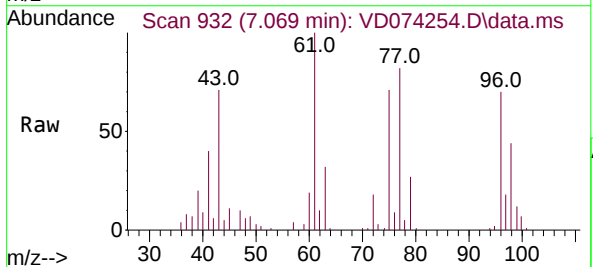
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

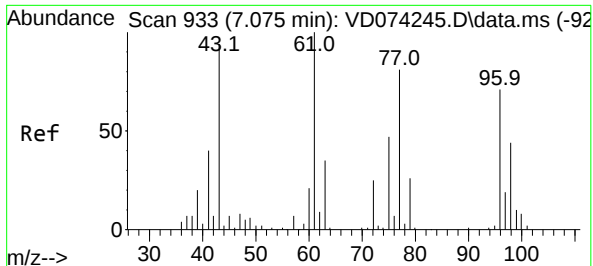
Tgt Ion: 43 Resp: 42389
Ion Ratio Lower Upper
43 100
72 25.1 21.8 32.6



#26
2,2-Dichloropropane
Concen: 19.771 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 77 Resp: 44227
Ion Ratio Lower Upper
77 100
97 24.1 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 21.010 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBSD01

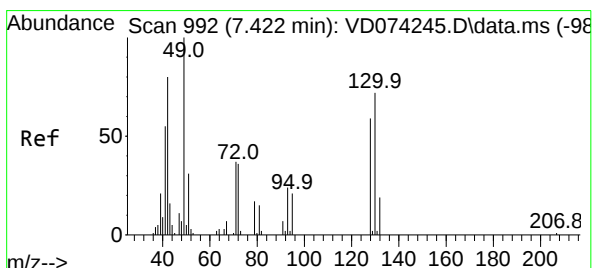
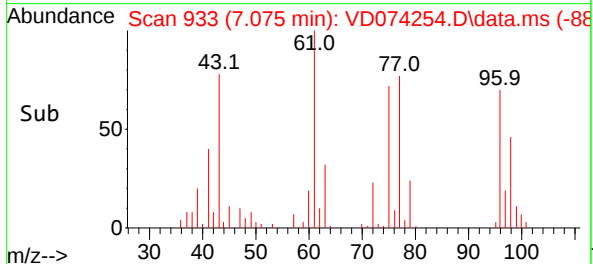
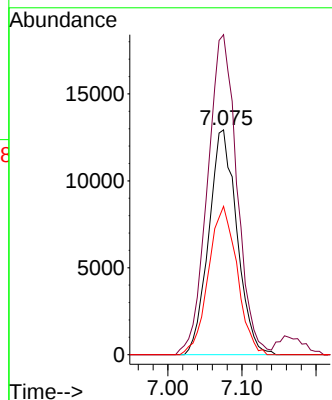
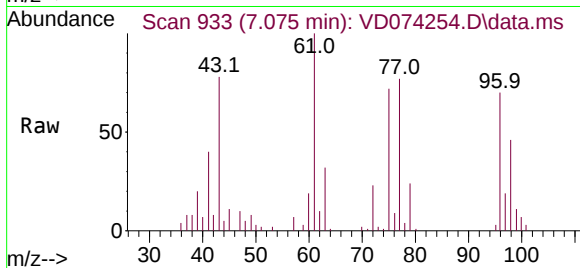
Tgt Ion: 96 Resp: 34083

Ion Ratio Lower Upper

96 100

61 148.9 0.0 289.4

98 67.2 0.0 130.2



#28

Bromochloromethane

Concen: 17.457 ug/l

RT: 7.416 min Scan# 991

Delta R.T. -0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

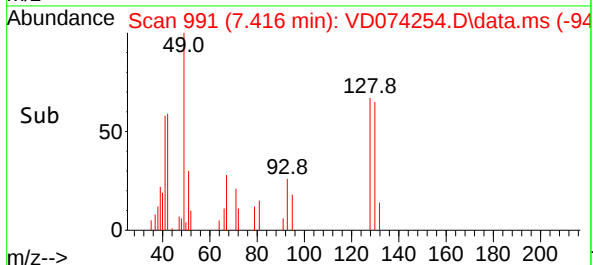
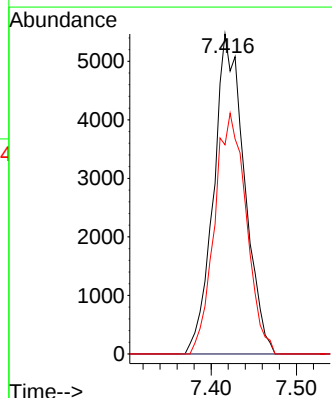
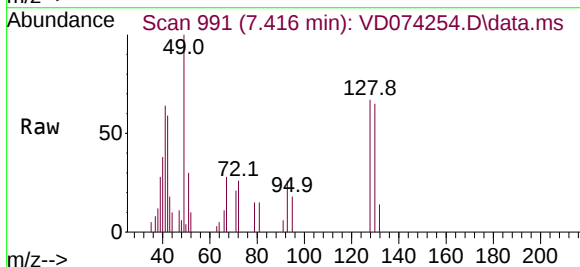
Tgt Ion: 49 Resp: 13727

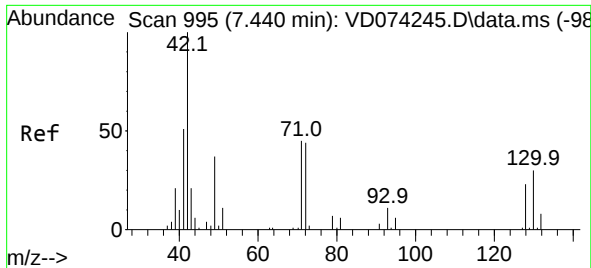
Ion Ratio Lower Upper

49 100

129 0.0 0.0 3.6

130 77.3 62.2 93.2

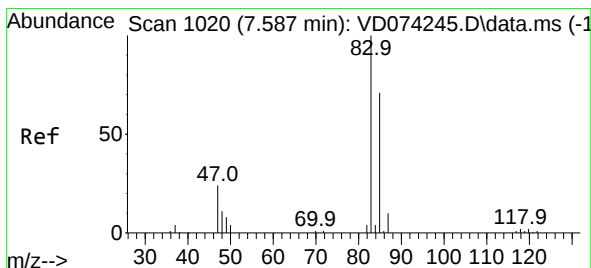
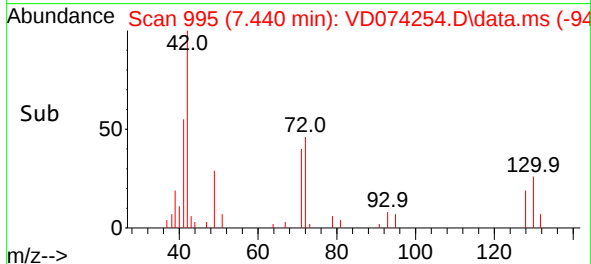
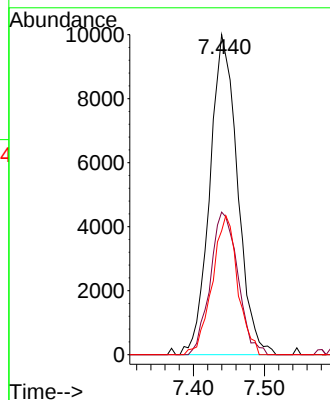
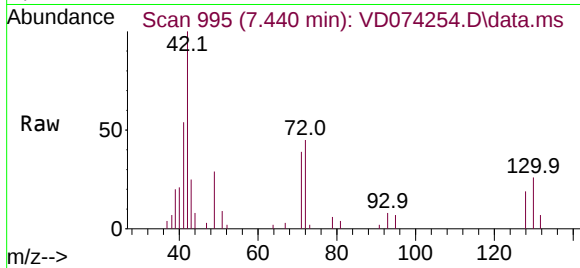




#29
Tetrahydrofuran
Concen: 109.254 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

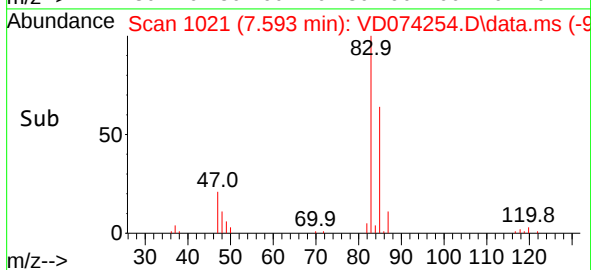
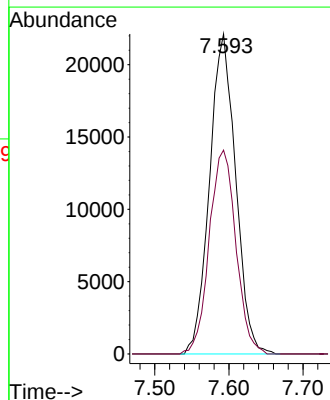
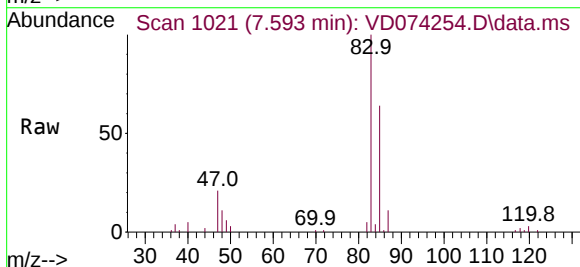
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

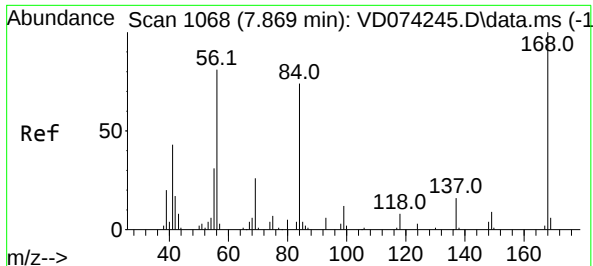
Tgt Ion: 42 Resp: 27037
Ion Ratio Lower Upper
42 100
72 44.4 36.1 54.1
71 40.0 34.1 51.1



#30
Chloroform
Concen: 21.290 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 83 Resp: 54105
Ion Ratio Lower Upper
83 100
85 63.7 56.7 85.1





#31

Cyclohexane

Concen: 21.087 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBSD01

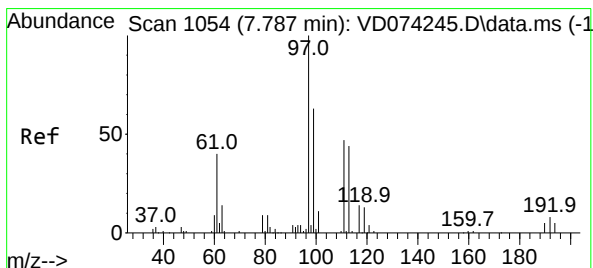
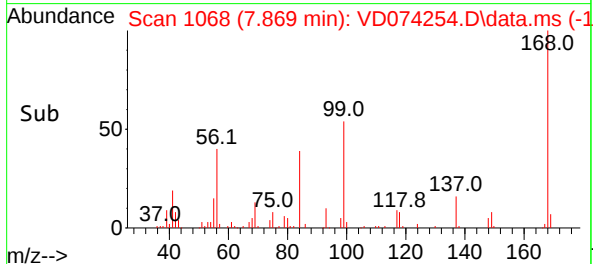
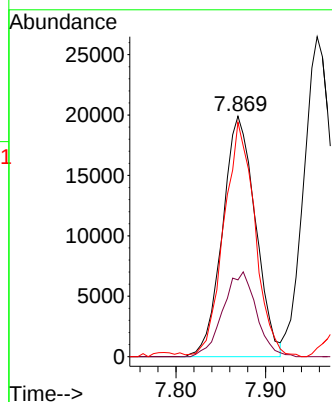
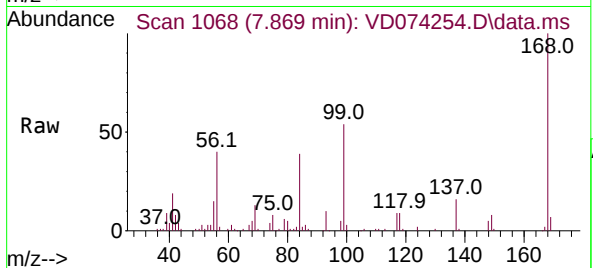
Tgt Ion: 56 Resp: 50812

Ion Ratio Lower Upper

56 100

69 31.9 25.7 38.5

84 95.8 73.9 110.9



#32

1,1,1-Trichloroethane

Concen: 21.126 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

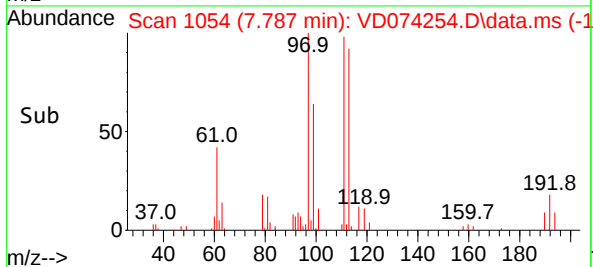
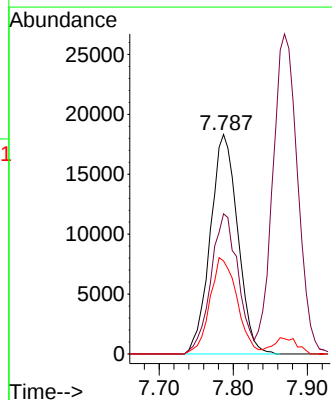
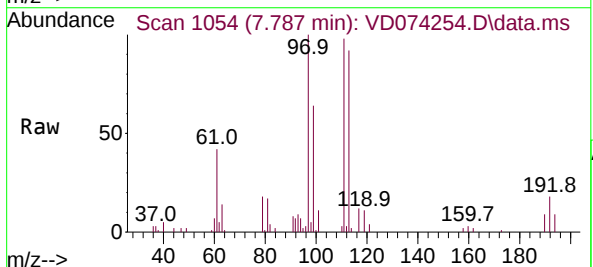
Tgt Ion: 97 Resp: 47108

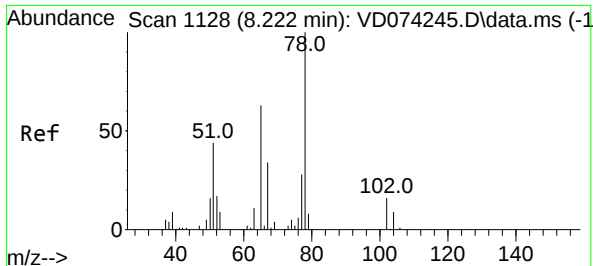
Ion Ratio Lower Upper

97 100

99 63.3 51.2 76.8

61 43.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.338 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

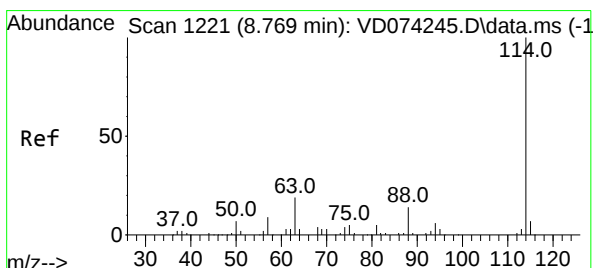
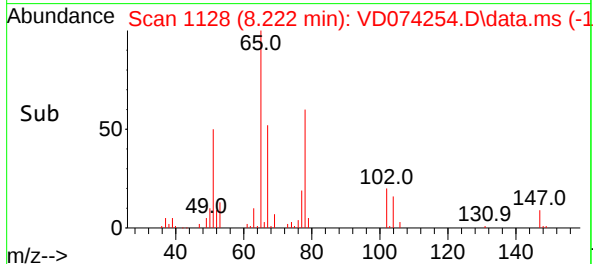
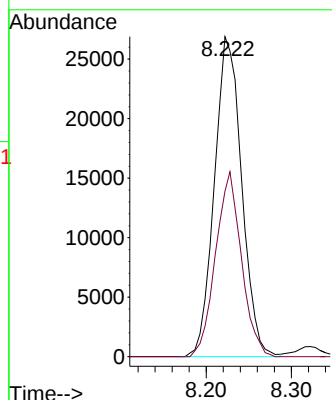
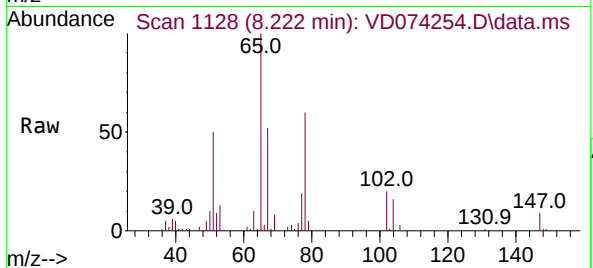
VD0912SBSD01

Tgt Ion: 65 Resp: 59860

Ion Ratio Lower Upper

65 100

67 54.8 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

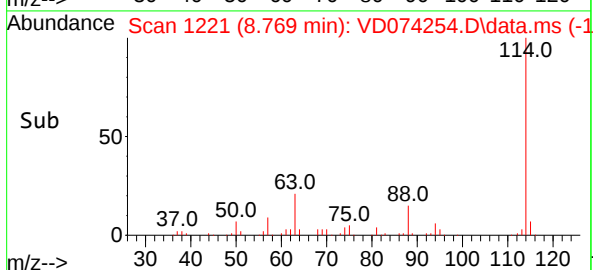
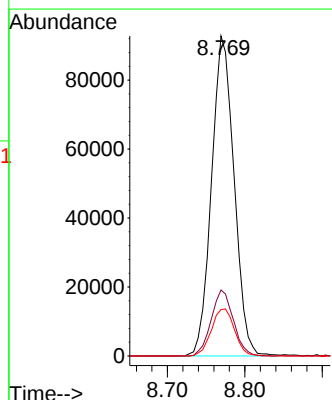
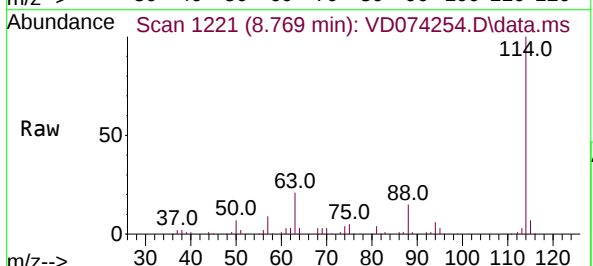
Tgt Ion: 114 Resp: 187570

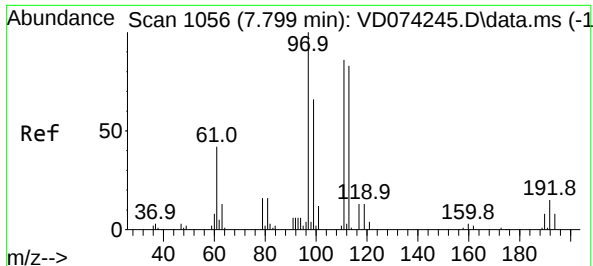
Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.6

88 14.5 0.0 28.4





#35

Dibromofluoromethane

Concen: 50.573 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBS01

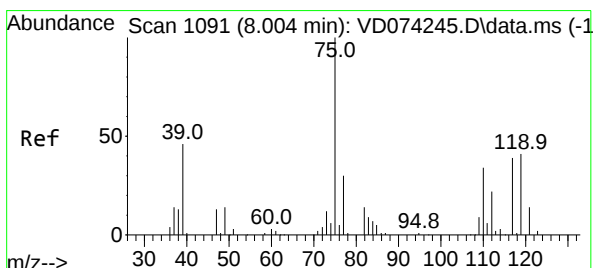
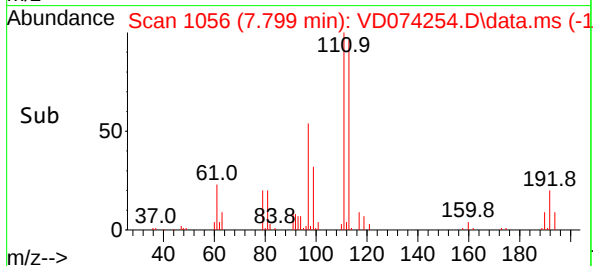
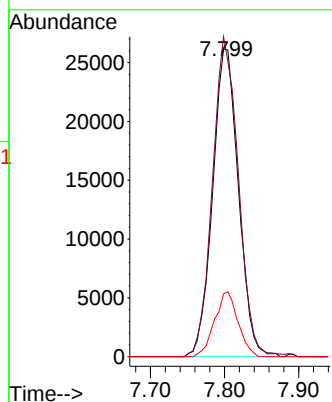
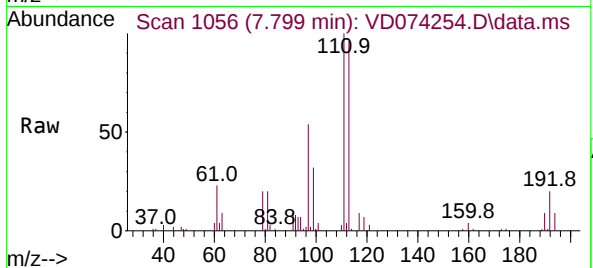
Tgt Ion:113 Resp: 63434

Ion Ratio Lower Upper

113 100

111 104.2 83.0 124.6

192 19.0 16.2 24.2



#36

1,1-Dichloropropene

Concen: 21.179 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

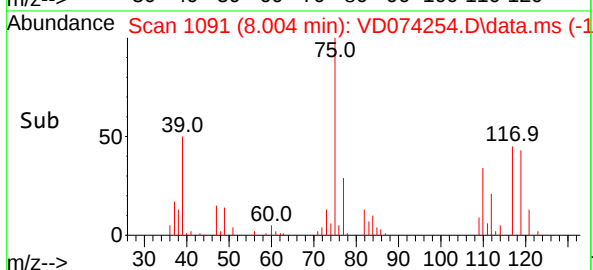
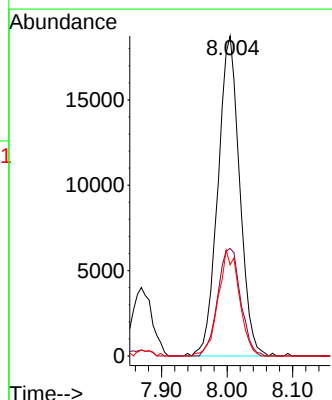
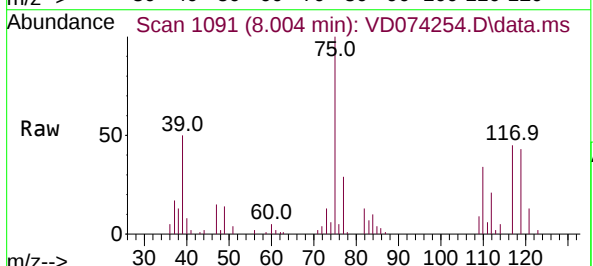
Tgt Ion: 75 Resp: 42997

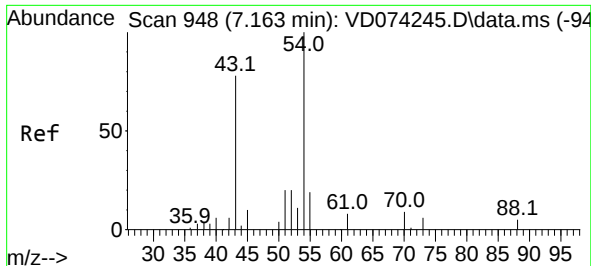
Ion Ratio Lower Upper

75 100

110 35.4 17.5 52.5

77 32.3 24.8 37.2





#37

Ethyl Acetate

Concen: 22.119 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBSD01

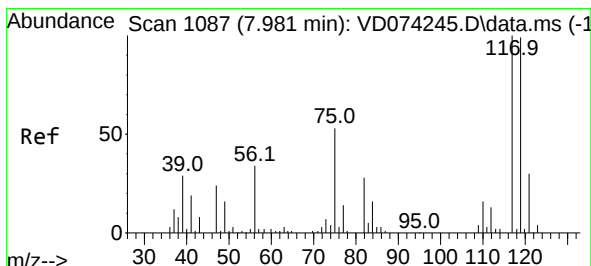
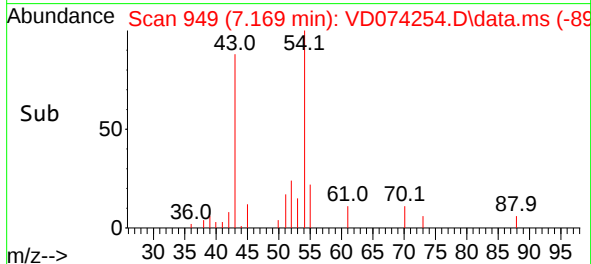
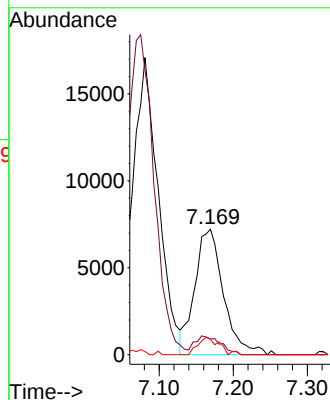
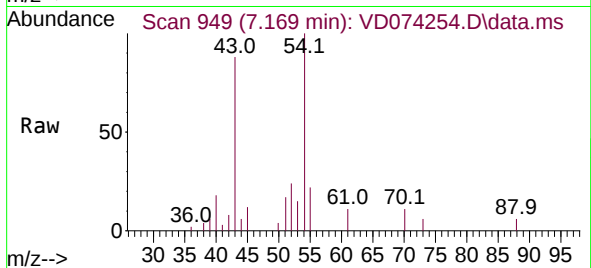
Tgt Ion: 43 Resp: 19474

Ion Ratio Lower Upper

43 100

61 13.2 12.1 18.1

70 10.4 8.5 12.7



#38

Carbon Tetrachloride

Concen: 21.222 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. 0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

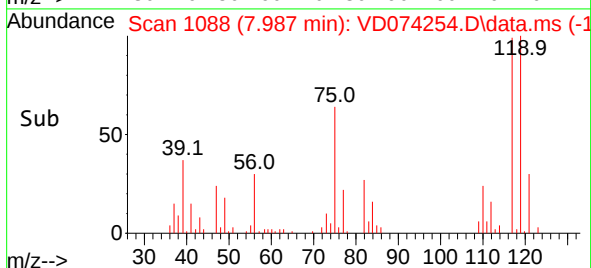
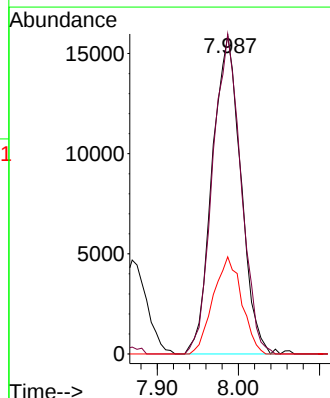
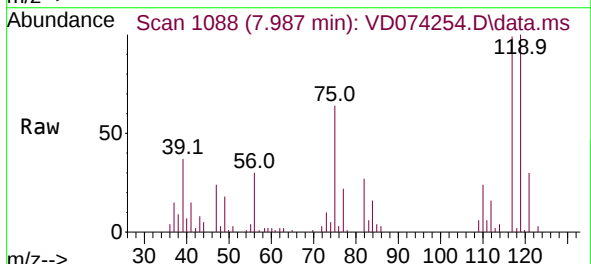
Tgt Ion: 117 Resp: 38981

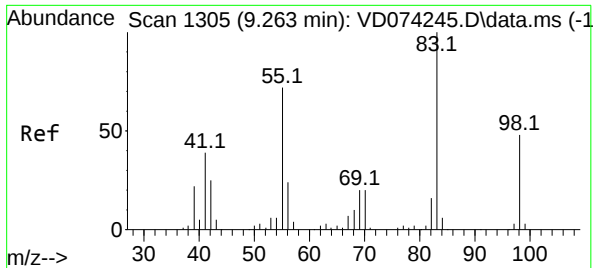
Ion Ratio Lower Upper

117 100

119 100.6 78.8 118.2

121 30.5 23.9 35.9





#39

Methylcyclohexane

Concen: 20.738 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. 0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBSD01

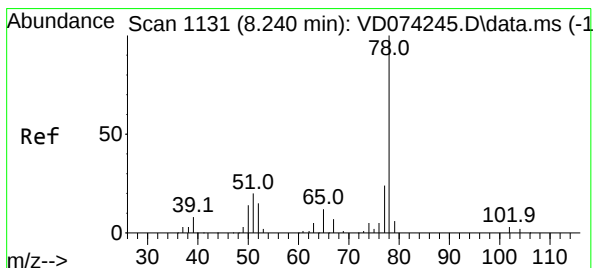
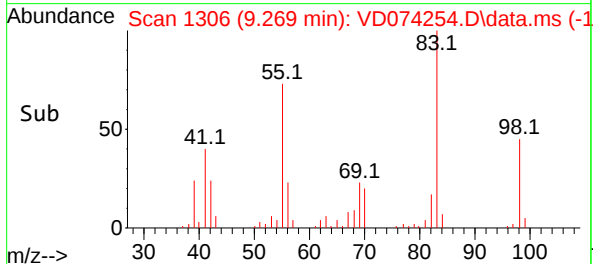
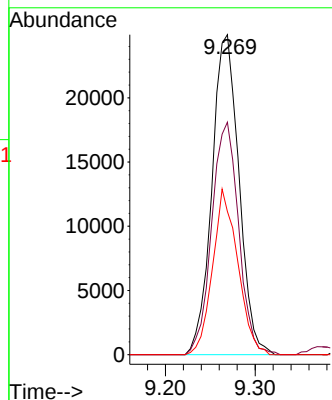
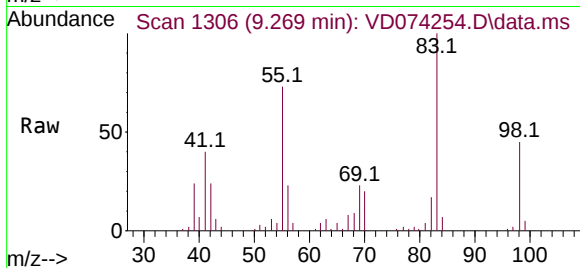
Tgt Ion: 83 Resp: 52119

Ion Ratio Lower Upper

83 100

55 72.6 57.2 85.8

98 44.7 38.3 57.5



#40

Benzene

Concen: 21.730 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VD074254.D

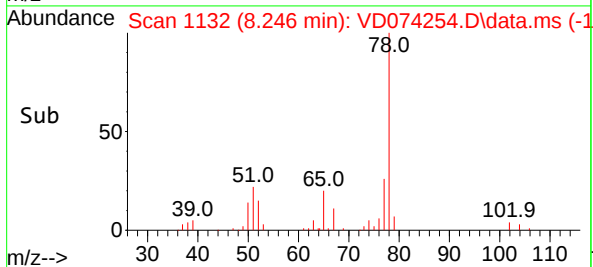
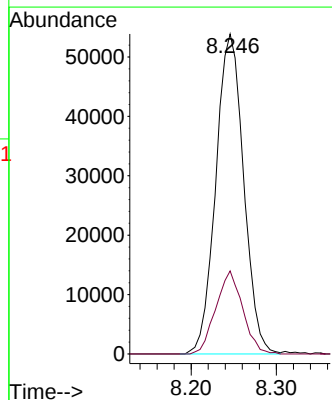
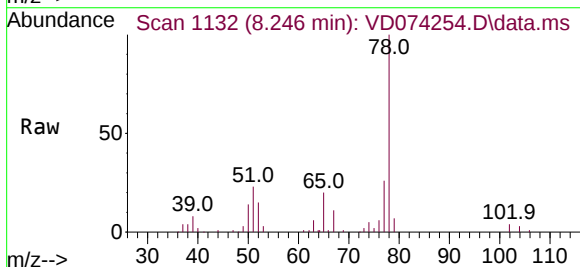
Acq: 12 Sep 2022 13:52

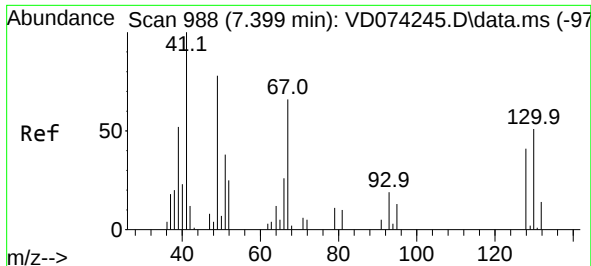
Tgt Ion: 78 Resp: 122091

Ion Ratio Lower Upper

78 100

77 25.9 19.4 29.2

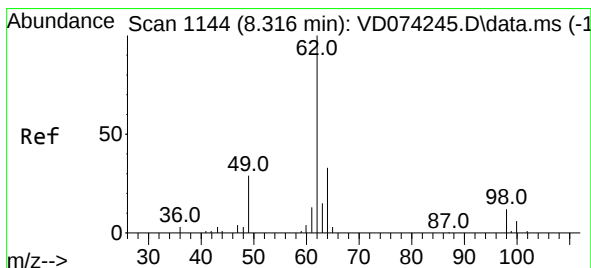
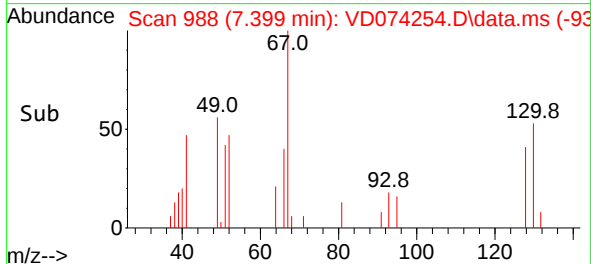
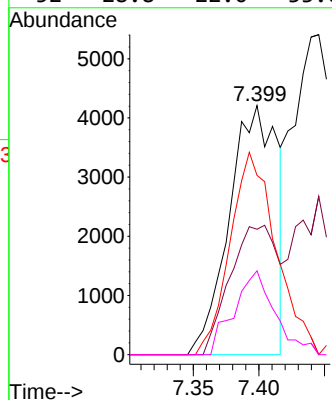
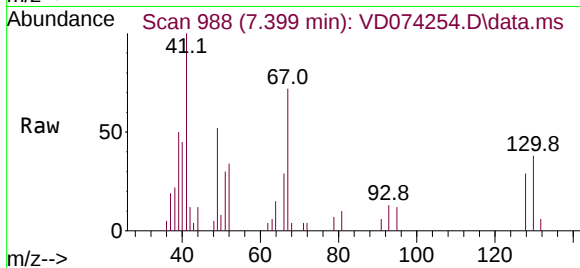




#41
Methacrylonitrile
Concen: 21.853 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

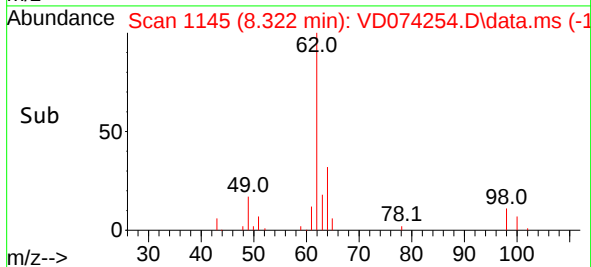
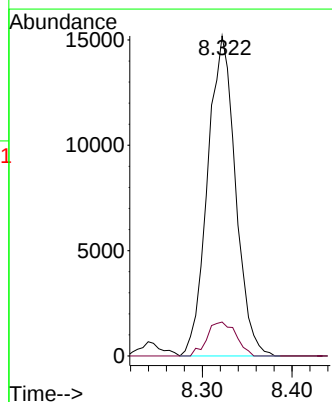
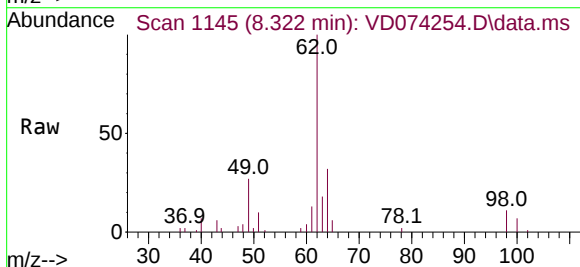
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

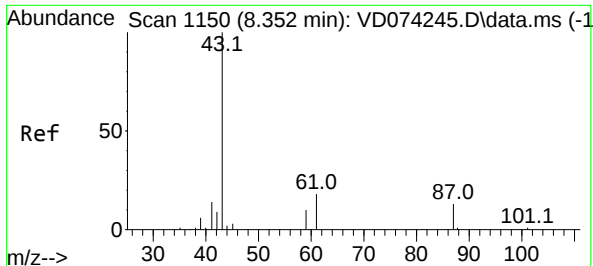
Tgt Ion: 41 Resp: 10716
Ion Ratio Lower Upper
41 100
39 50.9 39.8 59.6
67 78.6 56.1 84.1
52 28.8 22.0 33.0



#42
1,2-Dichloroethane
Concen: 22.107 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 62 Resp: 32825
Ion Ratio Lower Upper
62 100
98 11.0 0.0 21.4

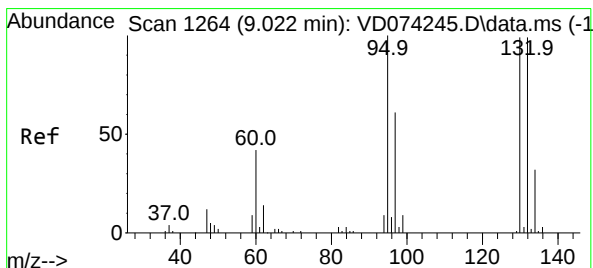
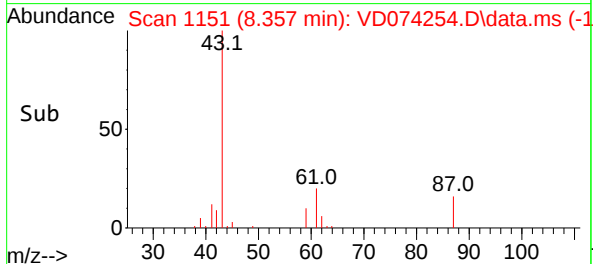
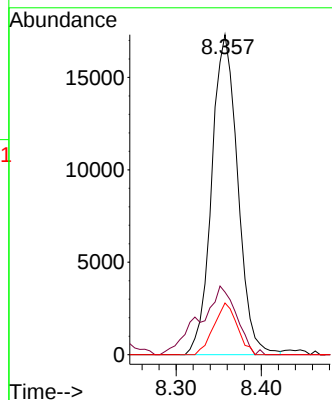
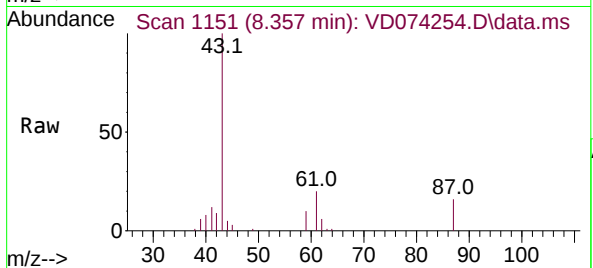




#43
Isopropyl Acetate
Concen: 21.620 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

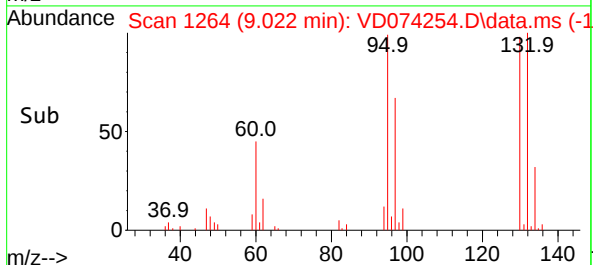
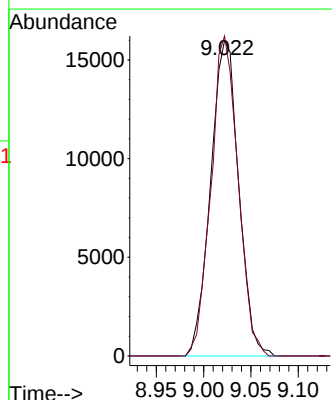
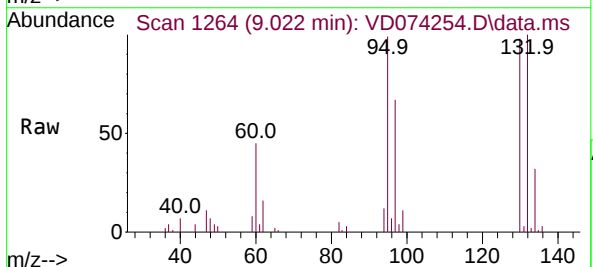
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

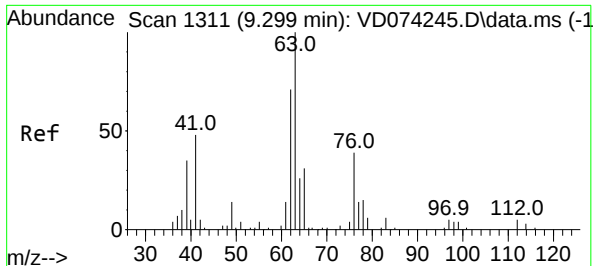
Tgt Ion: 43 Resp: 36767
Ion Ratio Lower Upper
43 100
61 30.2 24.5 36.7
87 14.5 10.8 16.2



#44
Trichloroethene
Concen: 21.133 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 130 Resp: 32958
Ion Ratio Lower Upper
130 100
95 101.5 0.0 202.2





#45

1,2-Dichloropropane

Concen: 21.556 ug/l

RT: 9.298 min Scan# 1311

Delta R.T. -0.000 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

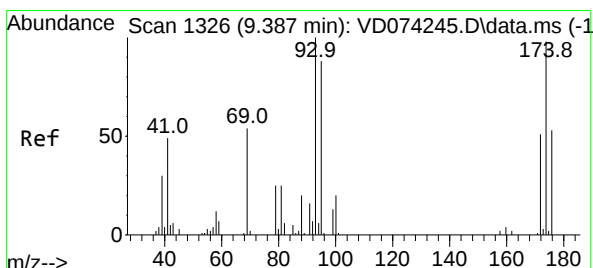
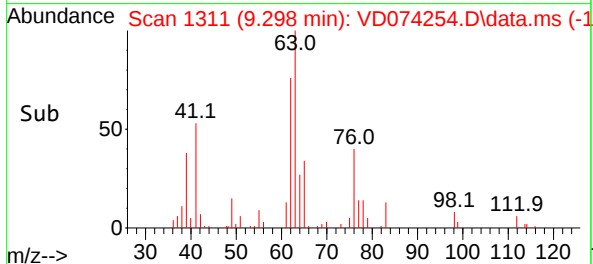
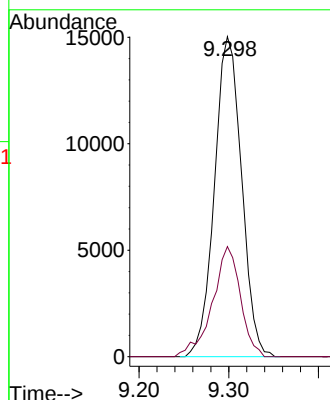
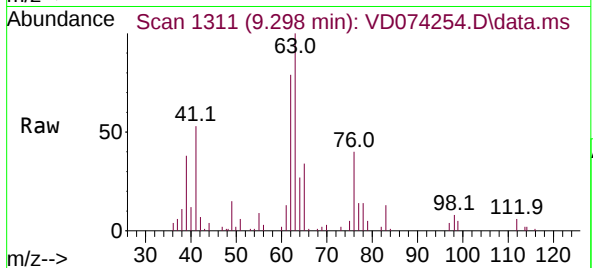
VD0912SBS01

Tgt Ion: 63 Resp: 31477

Ion Ratio Lower Upper

63 100

65 34.4 24.5 36.7



#46

Dibromomethane

Concen: 21.155 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

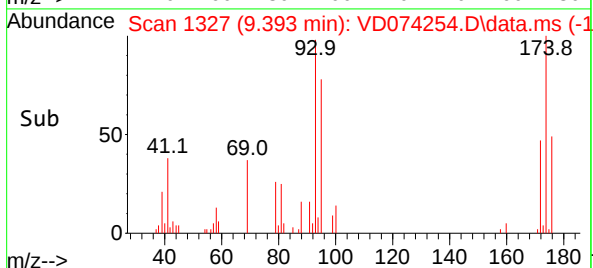
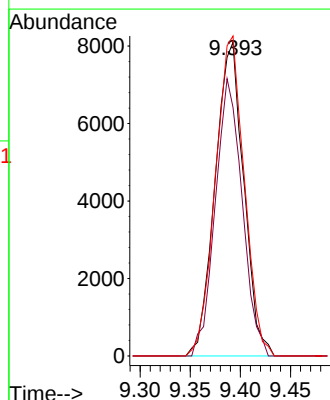
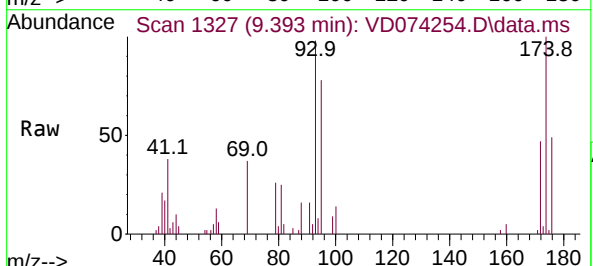
Tgt Ion: 93 Resp: 16039

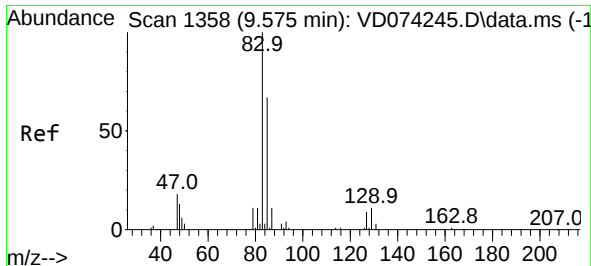
Ion Ratio Lower Upper

93 100

95 83.1 67.7 101.5

174 102.6 79.6 119.4





#47

Bromodichloromethane

Concen: 21.467 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBSD01

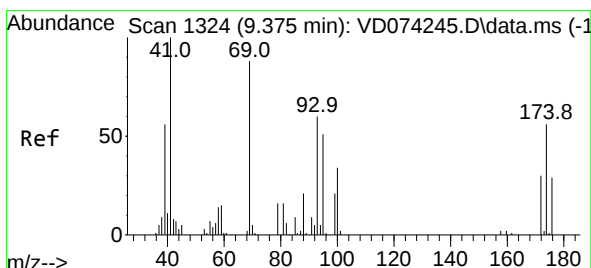
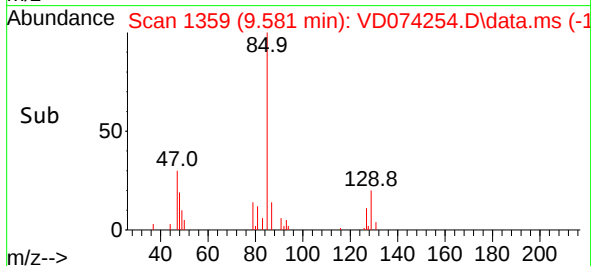
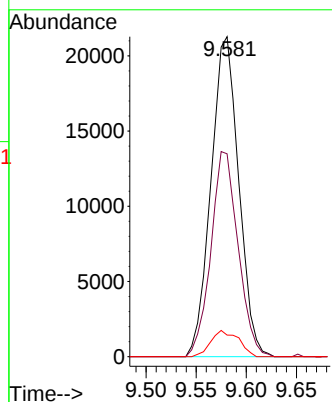
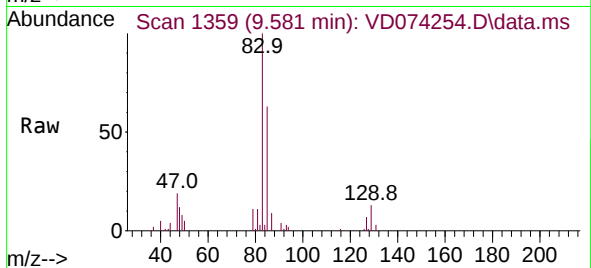
Tgt Ion: 83 Resp: 40946

Ion Ratio Lower Upper

83 100

85 63.4 53.4 80.2

127 6.7 6.9 10.3#



#48

Methyl methacrylate

Concen: 20.970 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.000 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

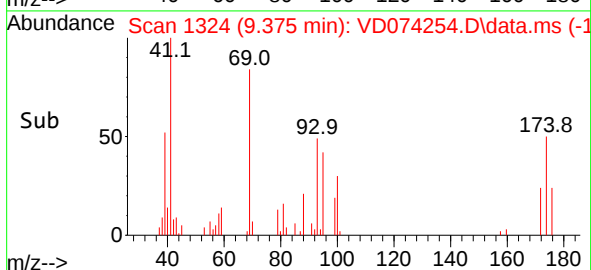
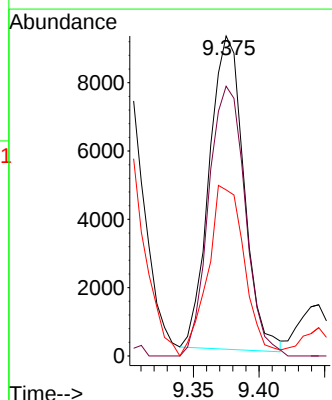
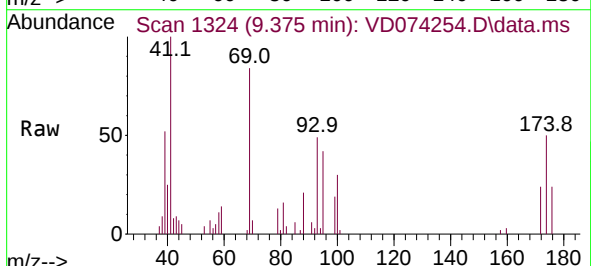
Tgt Ion: 41 Resp: 16843

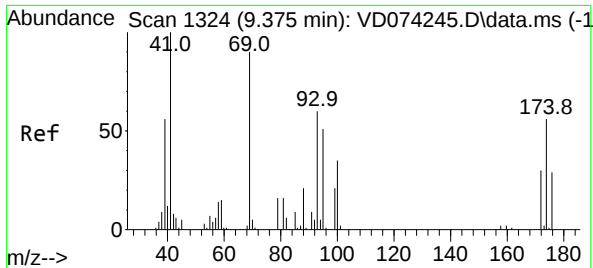
Ion Ratio Lower Upper

41 100

69 90.7 72.7 109.1

39 57.4 41.6 62.4

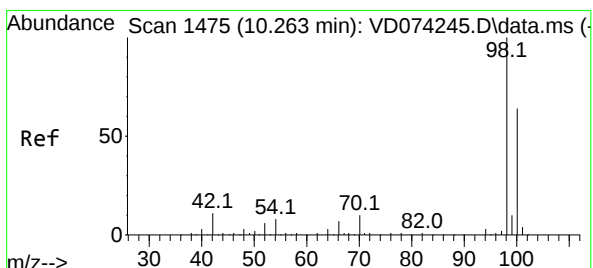
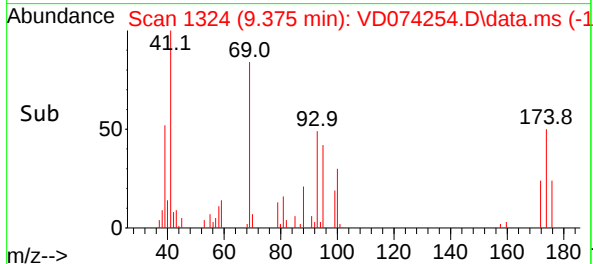
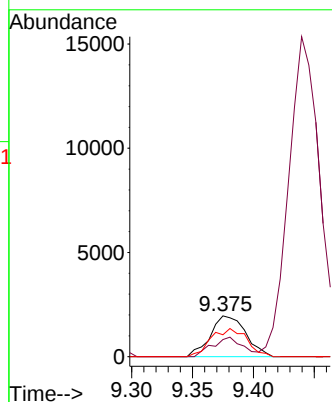
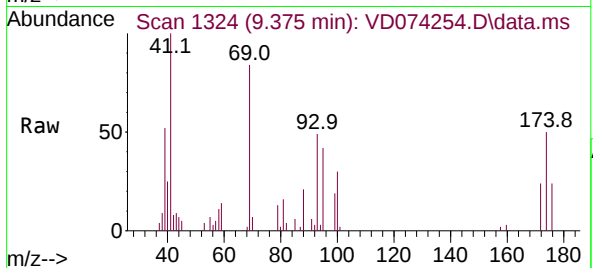




#49
1,4-Dioxane
Concen: 440.520 ug/l
RT: 9.375 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

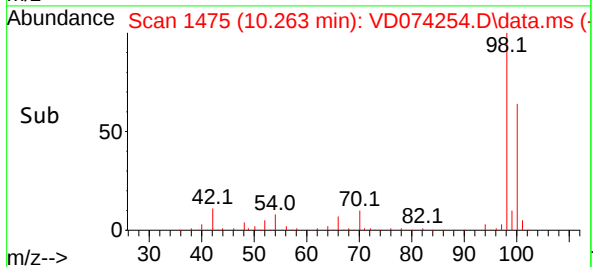
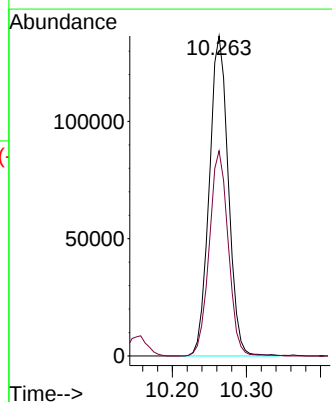
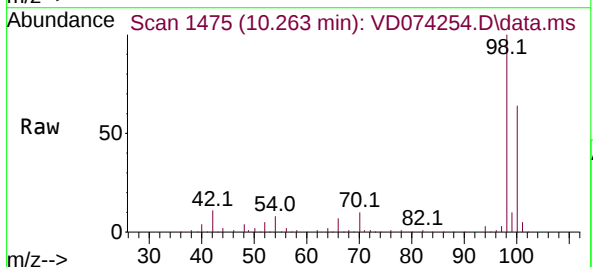
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

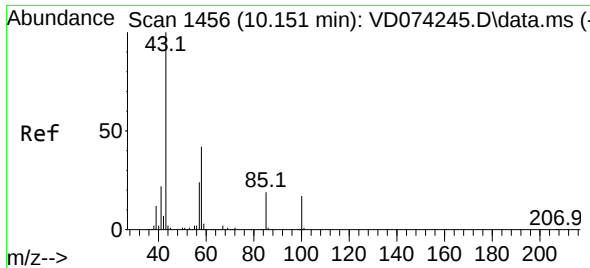
Tgt Ion: 88 Resp: 3955
Ion Ratio Lower Upper
88 100
43 41.6 27.0 40.4#
58 69.9 54.2 81.2



#50
Toluene-d8
Concen: 52.914 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 98 Resp: 243294
Ion Ratio Lower Upper
98 100
100 63.9 51.8 77.8

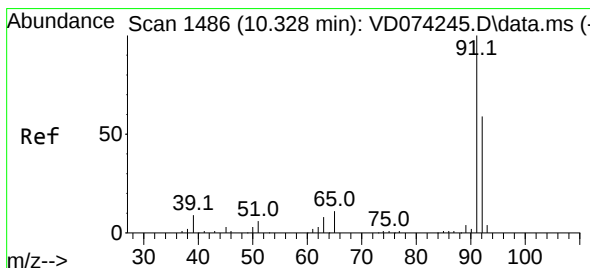
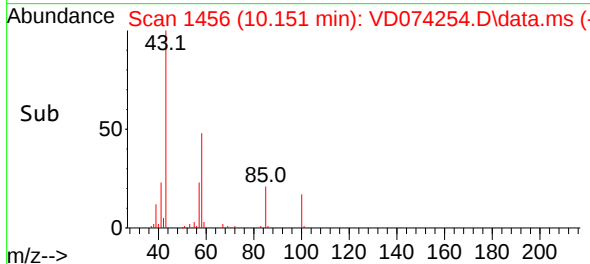
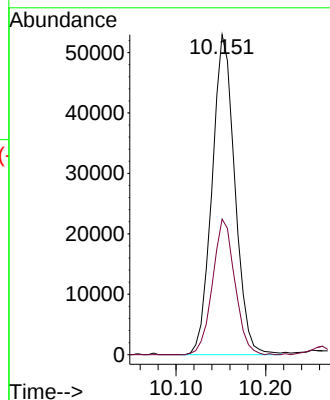
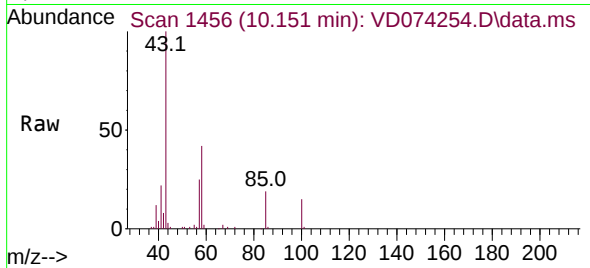




#51
4-Methyl-2-Pentanone
Concen: 108.612 ug/l
RT: 10.151 min Scan# 1456
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

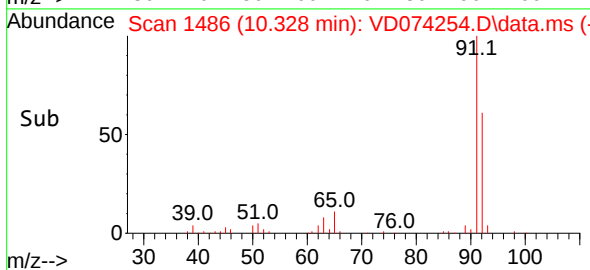
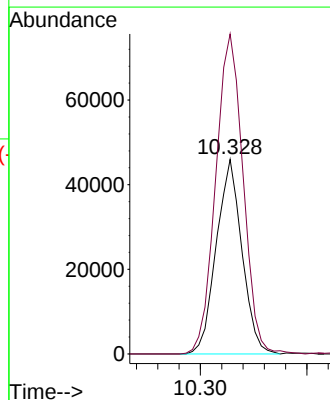
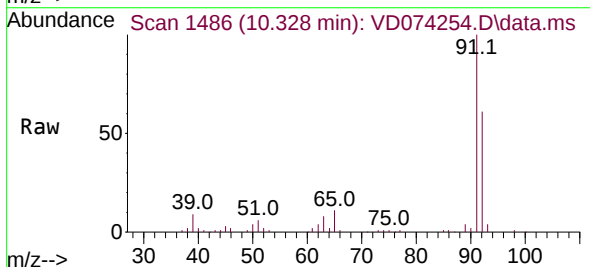
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

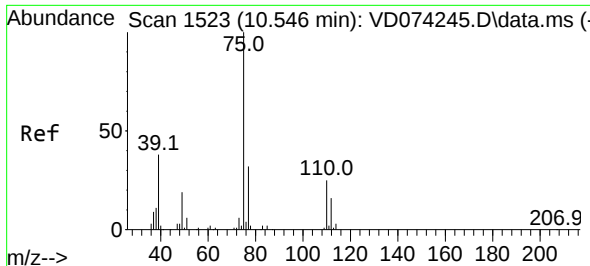
Tgt Ion: 43 Resp: 93353
Ion Ratio Lower Upper
43 100
58 41.5 33.3 49.9



#52
Toluene
Concen: 21.308 ug/l
RT: 10.328 min Scan# 1486
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 92 Resp: 76790
Ion Ratio Lower Upper
92 100
91 175.7 139.3 208.9

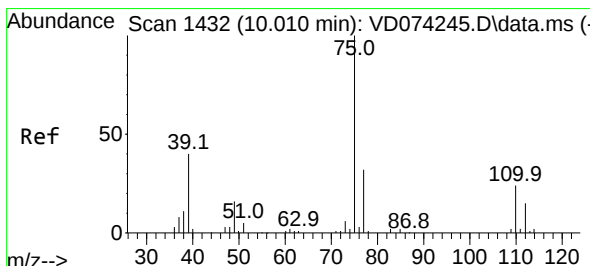
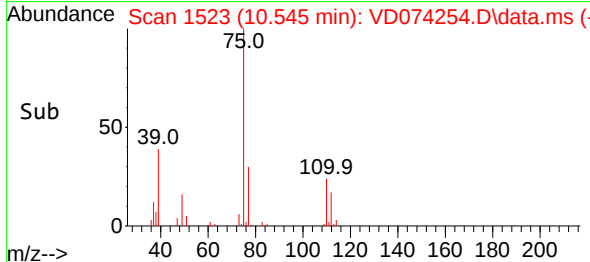
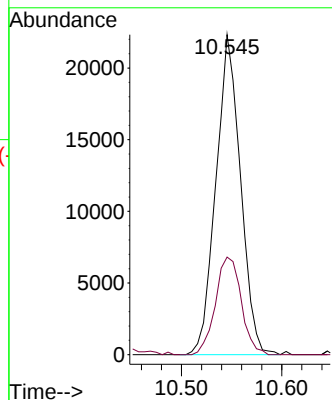
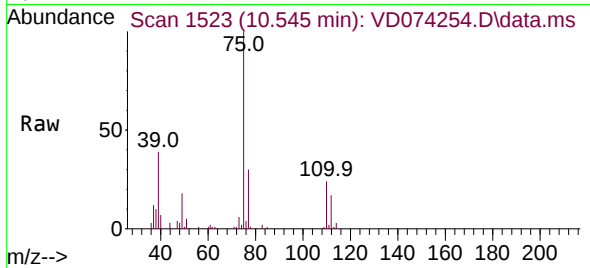




#53
t-1,3-Dichloropropene
Concen: 21.093 ug/l
RT: 10.545 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

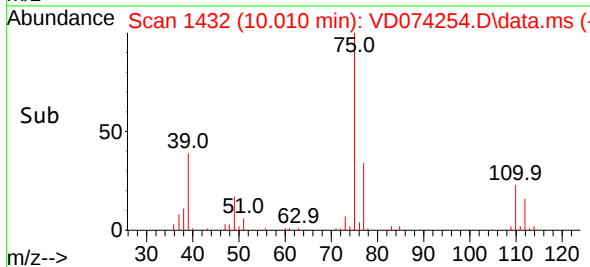
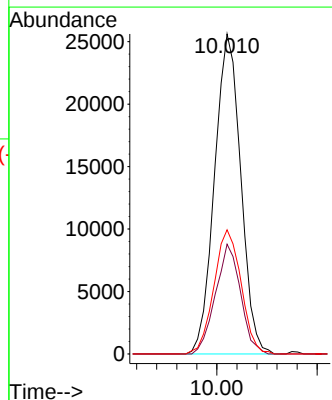
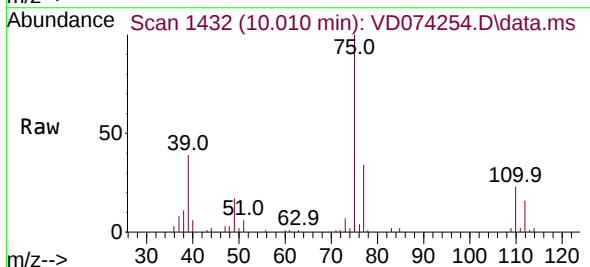
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

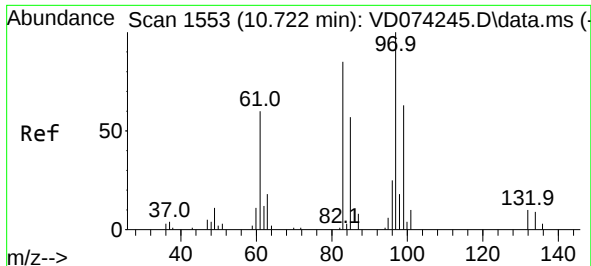
Tgt Ion: 75 Resp: 37925
Ion Ratio Lower Upper
75 100
77 30.5 25.7 38.5



#54
cis-1,3-Dichloropropene
Concen: 20.917 ug/l
RT: 10.010 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 75 Resp: 46337
Ion Ratio Lower Upper
75 100
77 34.3 25.4 38.0
39 38.8 31.6 47.4

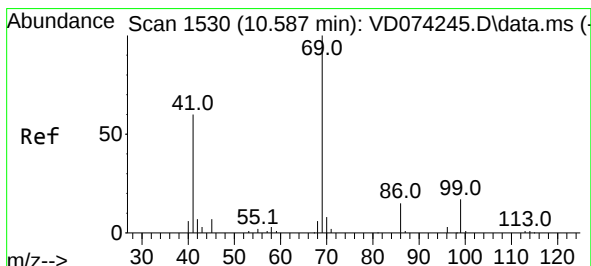
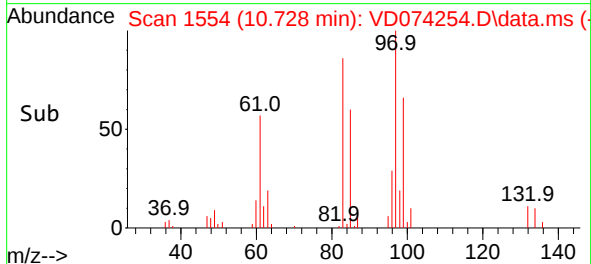
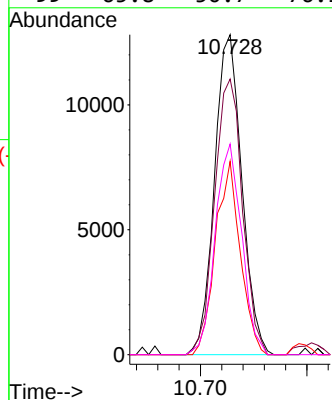
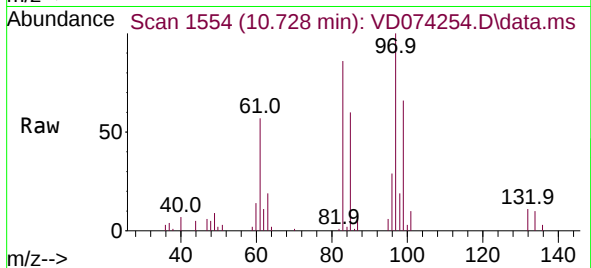




#55
1,1,2-Trichloroethane
Concen: 21.794 ug/l
RT: 10.728 min Scan# 1553
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

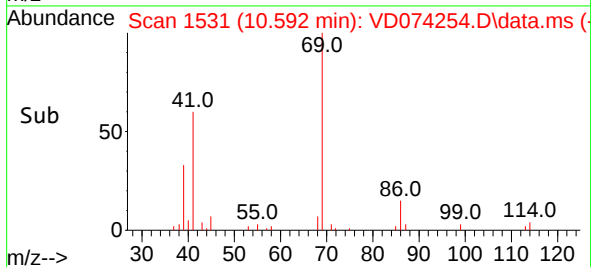
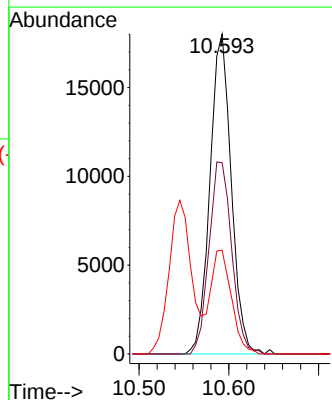
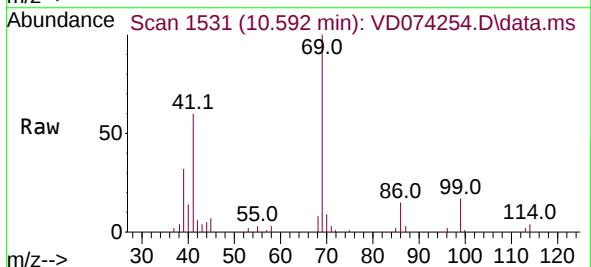
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

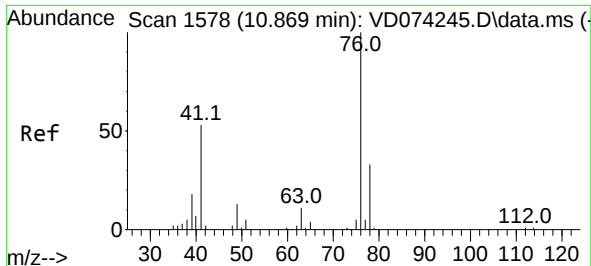
Tgt Ion:	97	Resp:	22841
Ion	Ratio	Lower	Upper
97	100		
83	86.2	68.0	102.0
85	60.4	45.8	68.8
99	65.8	50.7	76.1



#56
Ethyl methacrylate
Concen: 21.370 ug/l
RT: 10.592 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion:	69	Resp:	29758
Ion	Ratio	Lower	Upper
69	100		
41	63.9	49.4	74.2
39	32.5	24.2	36.4





#57

1,3-Dichloropropane

Concen: 21.343 ug/l

RT: 10.869 min Scan# 1578

Delta R.T. -0.000 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

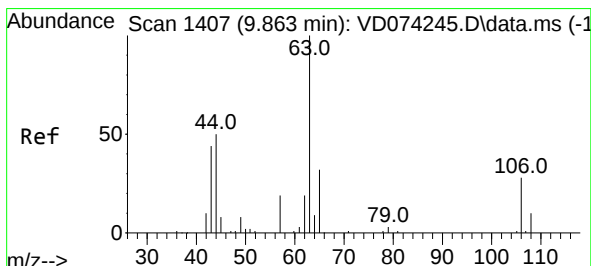
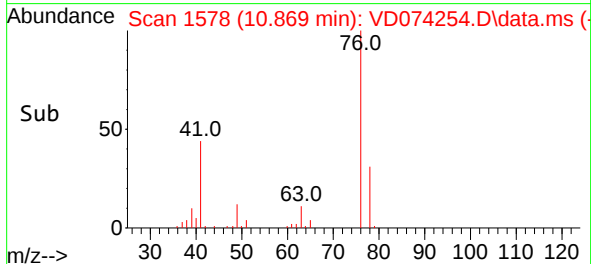
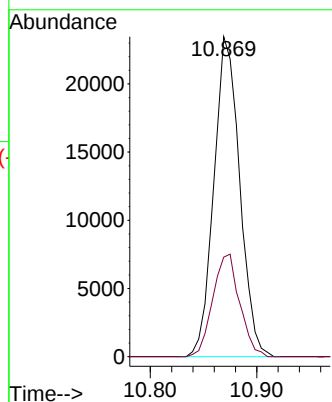
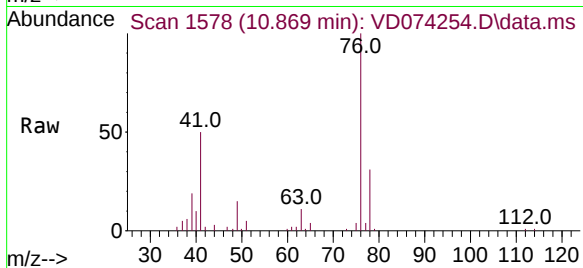
VD0912SBSD01

Tgt Ion: 76 Resp: 39476

Ion Ratio Lower Upper

76 100

78 33.3 25.4 38.2



#58

2-Chloroethyl Vinyl ether

Concen: 121.661 ug/l

RT: 9.863 min Scan# 1407

Delta R.T. 0.000 min

Lab File: VD074254.D

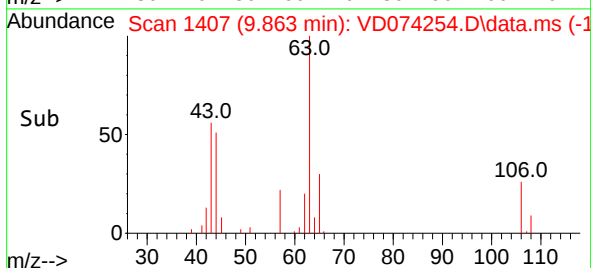
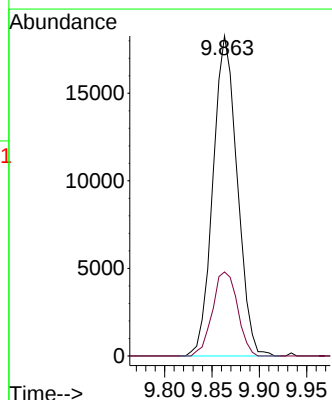
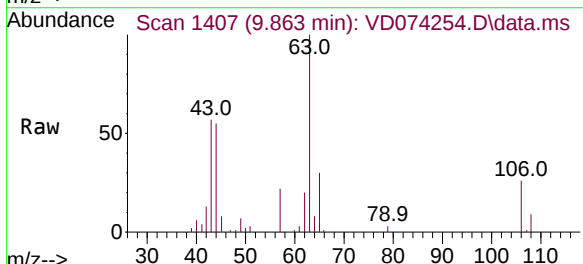
Acq: 12 Sep 2022 13:52

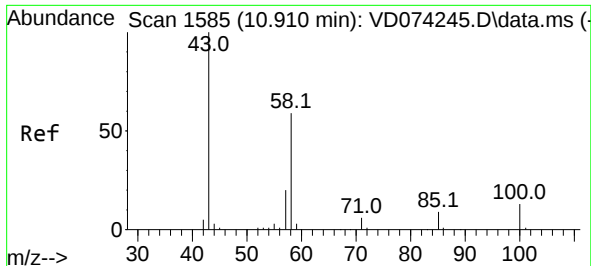
Tgt Ion: 63 Resp: 32531

Ion Ratio Lower Upper

63 100

106 27.1 21.9 32.9

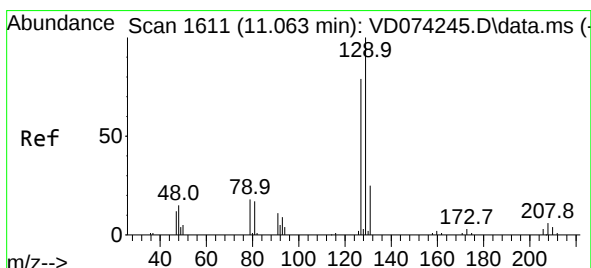
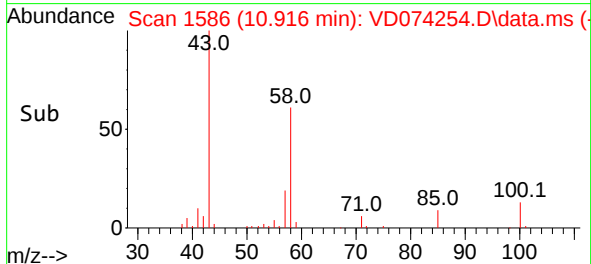
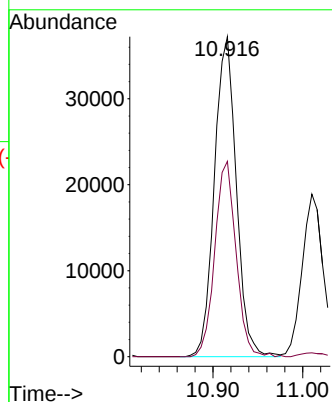
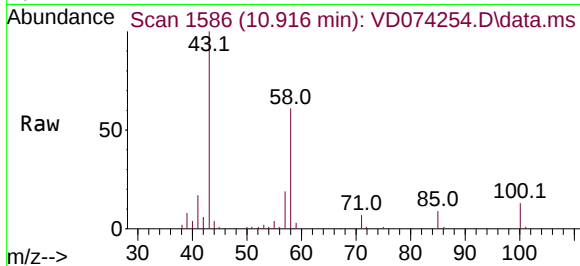




#59
2-Hexanone
Concen: 108.164 ug/l
RT: 10.916 min Scan# 1586
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

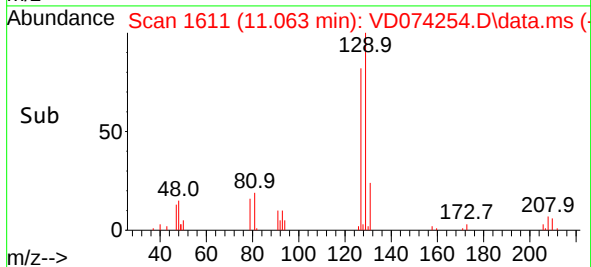
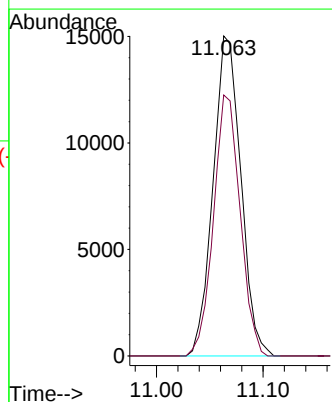
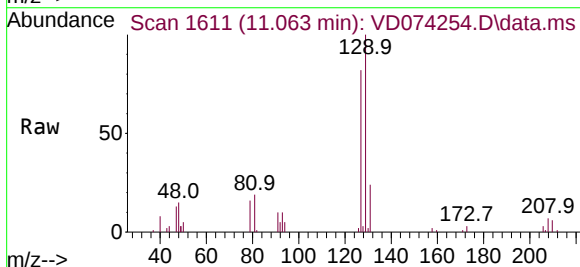
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

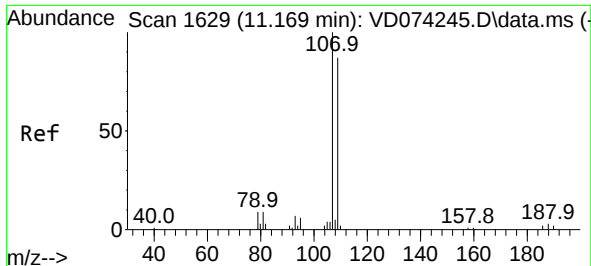
Tgt Ion: 43 Resp: 63131
Ion Ratio Lower Upper
43 100
58 59.2 28.6 85.8



#60
Dibromochloromethane
Concen: 21.294 ug/l
RT: 11.063 min Scan# 1611
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion:129 Resp: 27177
Ion Ratio Lower Upper
129 100
127 78.1 39.0 116.9

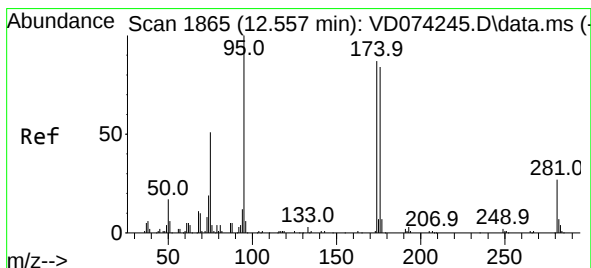
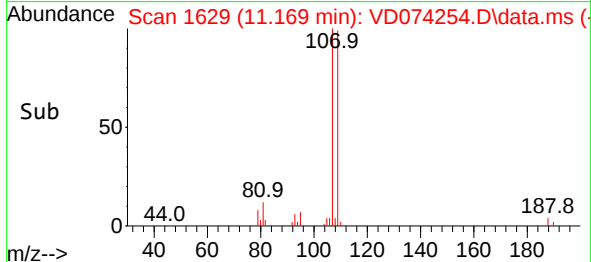
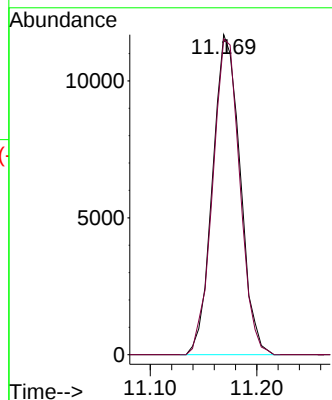
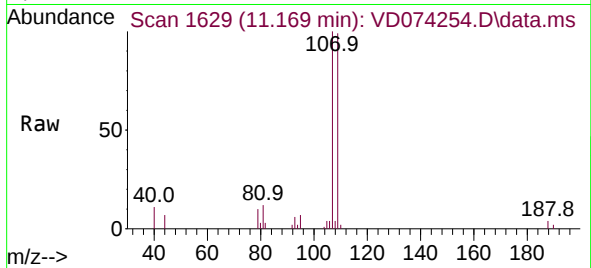




#61
1,2-Dibromoethane
Concen: 21.027 ug/l
RT: 11.169 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

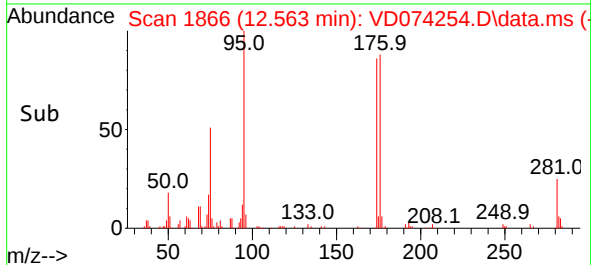
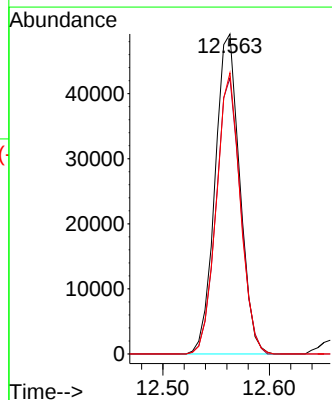
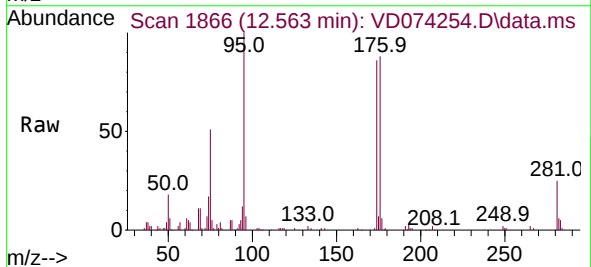
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

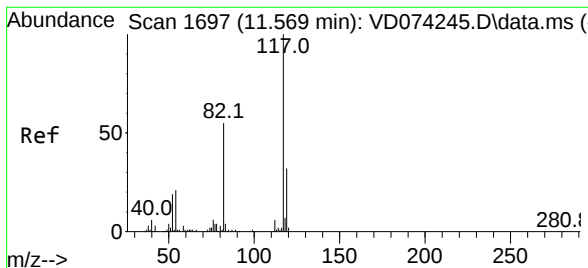
Tgt Ion:107 Resp: 20975
Ion Ratio Lower Upper
107 100
109 97.1 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 49.085 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 95 Resp: 79025
Ion Ratio Lower Upper
95 100
174 85.1 0.0 179.2
176 85.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.575 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBS01

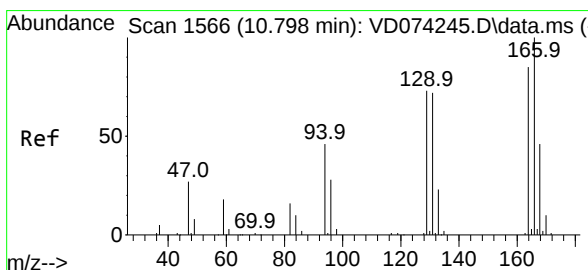
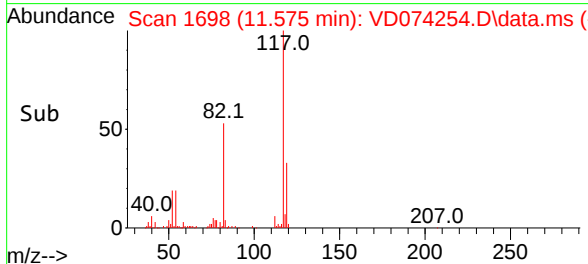
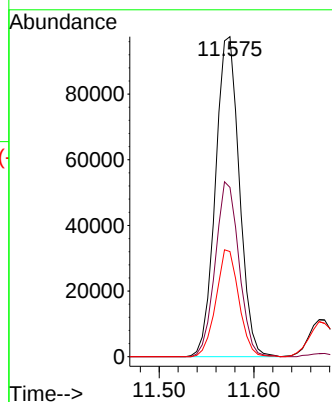
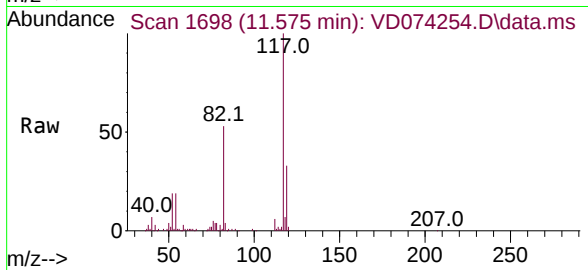
Tgt Ion:117 Resp: 170966

Ion Ratio Lower Upper

117 100

82 52.9 44.2 66.2

119 32.9 25.4 38.0



#64

Tetrachloroethene

Concen: 21.509 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. 0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Tgt Ion:164 Resp: 28117

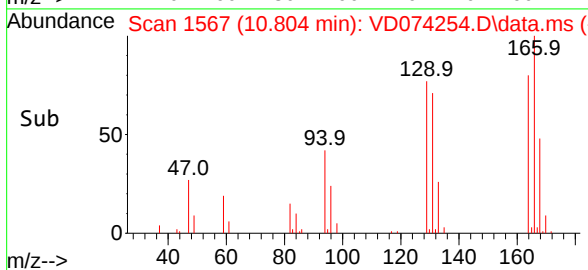
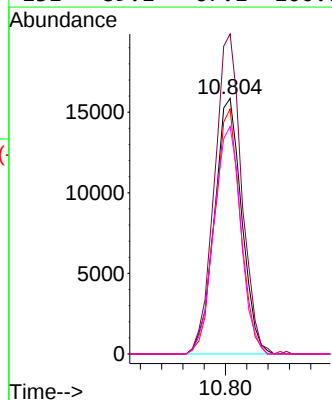
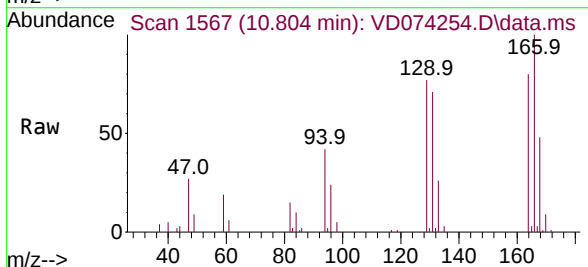
Ion Ratio Lower Upper

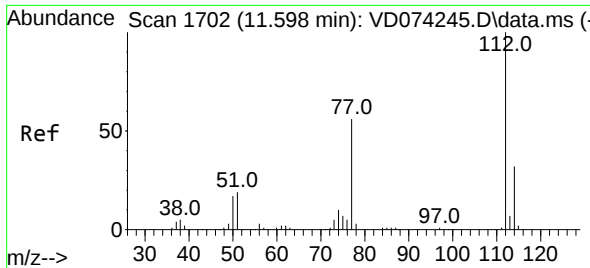
164 100

166 125.3 93.8 140.8

129 95.9 68.3 102.5

131 89.1 67.1 100.7

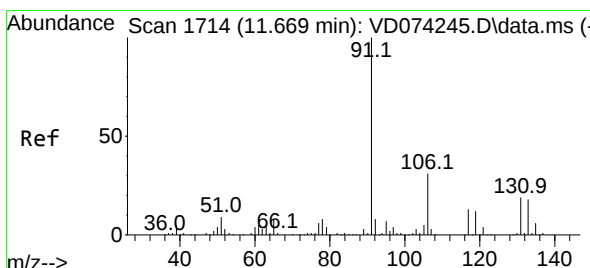
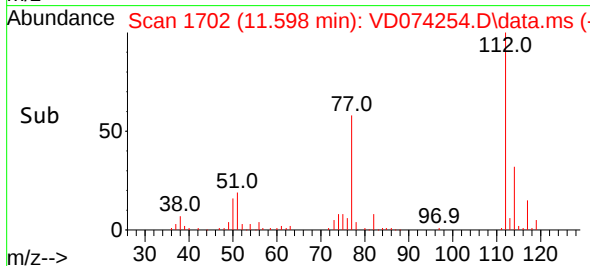
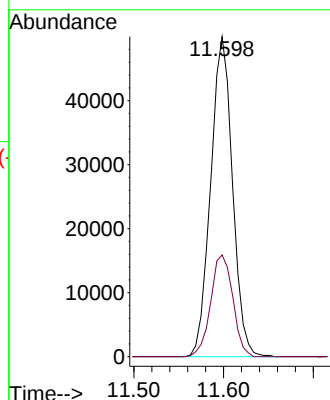
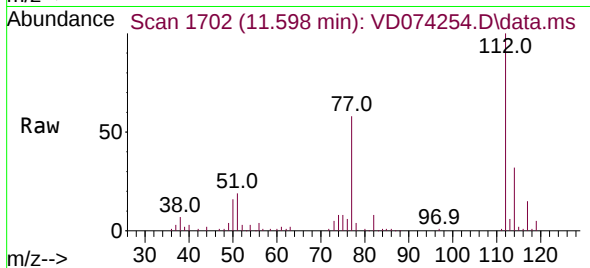




#65
Chlorobenzene
Concen: 21.928 ug/l
RT: 11.598 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

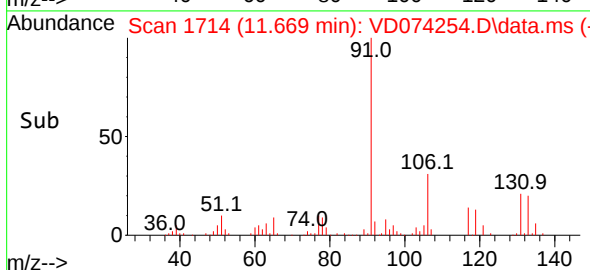
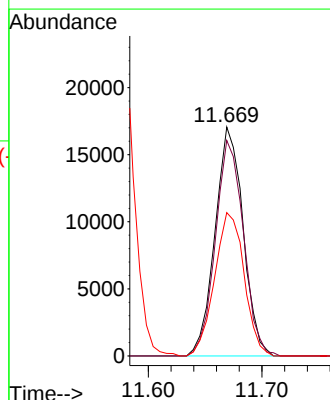
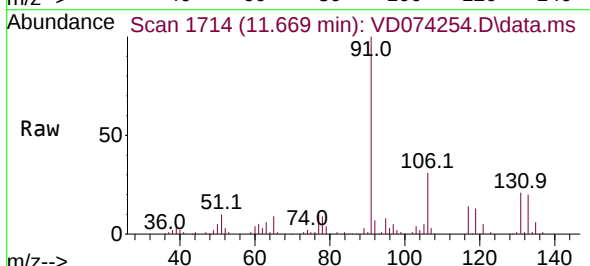
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

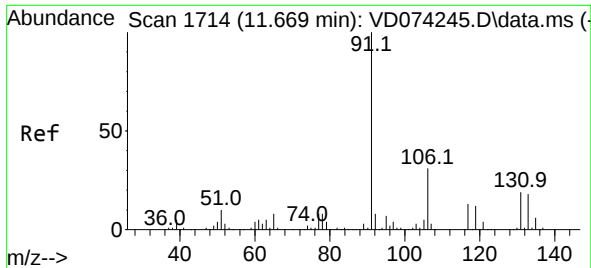
Tgt Ion:112 Resp: 84279
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.230 ug/l
RT: 11.669 min Scan# 1714
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion:131 Resp: 29224
Ion Ratio Lower Upper
131 100
133 94.2 47.8 143.4
119 66.1 33.1 99.5

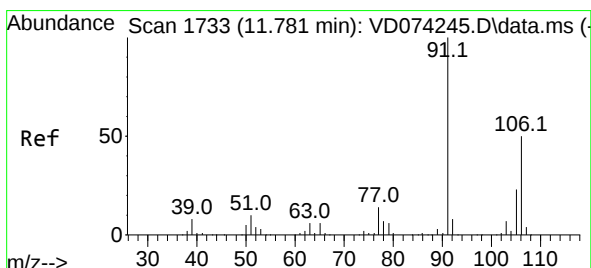
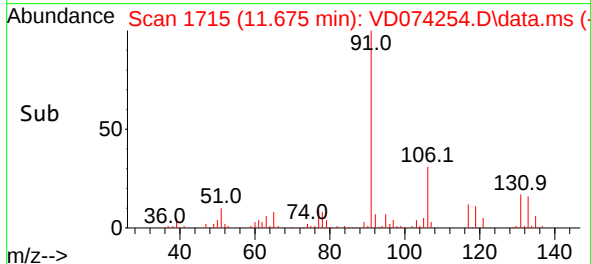
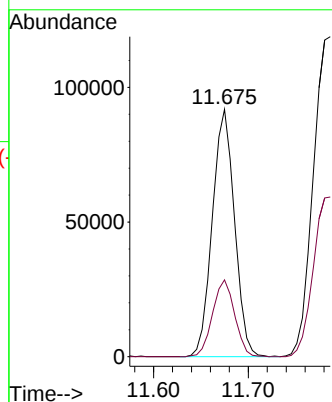
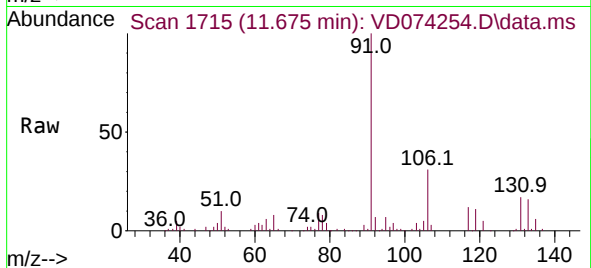




#67
Ethyl Benzene
Concen: 20.792 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

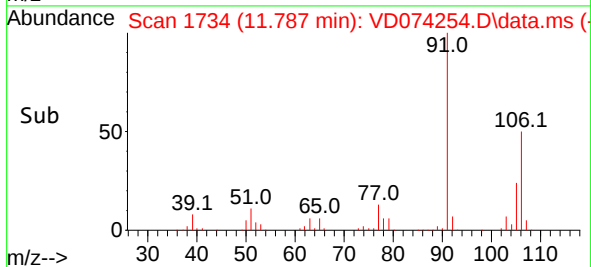
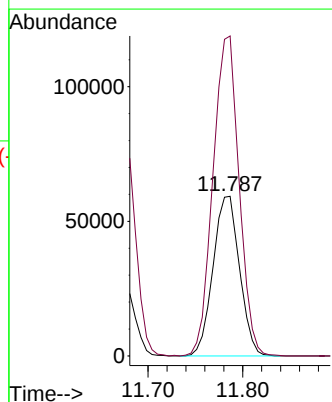
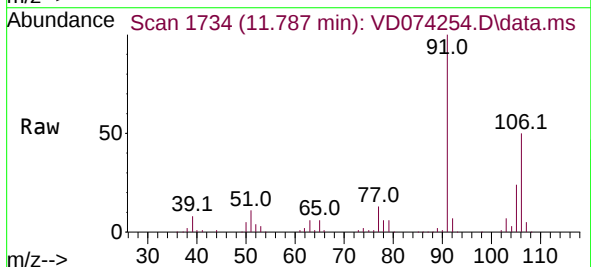
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

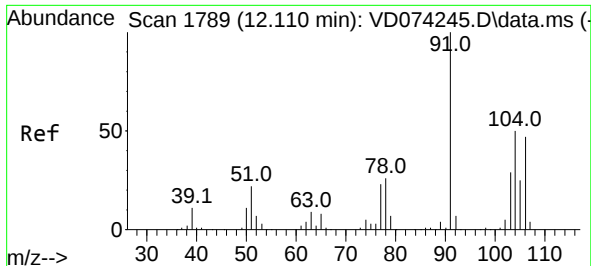
Tgt Ion: 91 Resp: 149277
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2



#68
m/p-Xylenes
Concen: 42.293 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 106 Resp: 115242
Ion Ratio Lower Upper
106 100
91 197.6 158.6 237.8

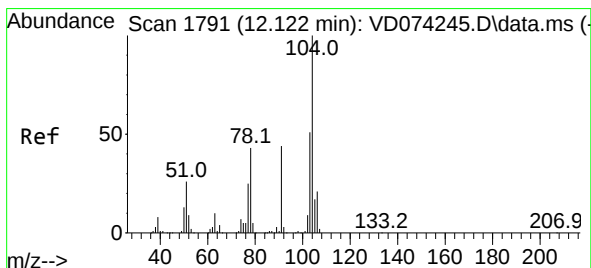
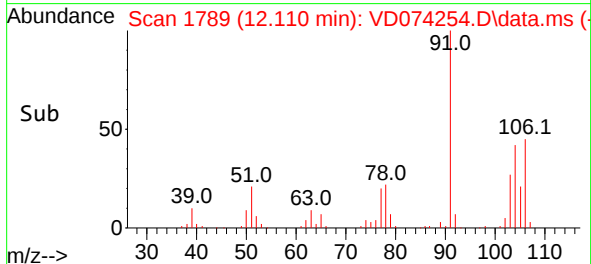
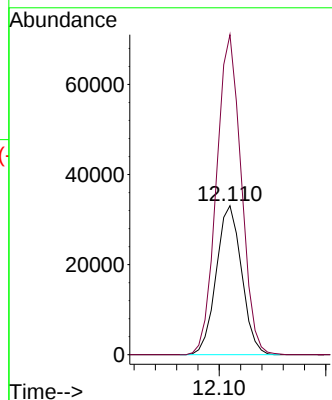
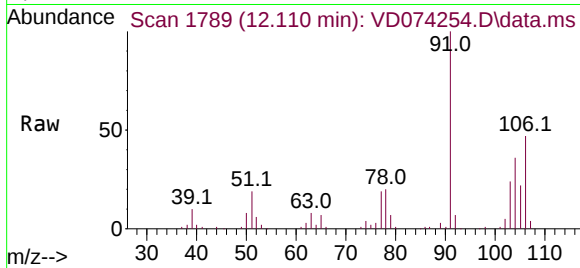




#69
o-Xylene
Concen: 21.229 ug/l
RT: 12.110 min Scan# 1789
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

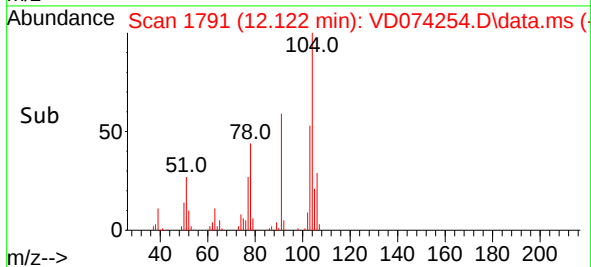
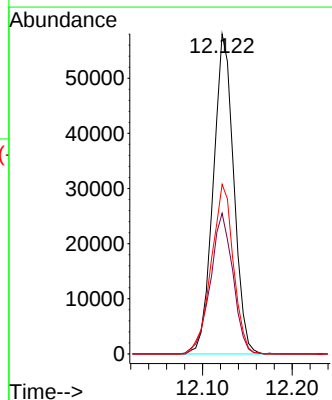
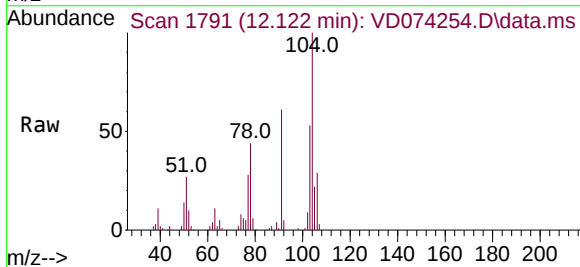
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

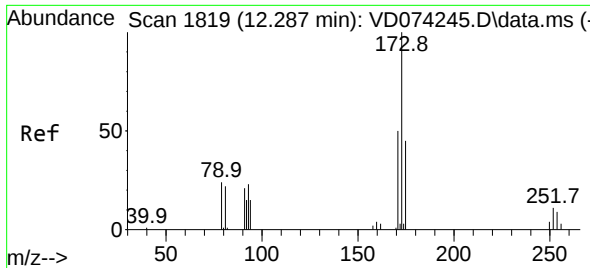
Tgt Ion:106 Resp: 54667
Ion Ratio Lower Upper
106 100
91 209.6 104.0 312.0



#70
Styrene
Concen: 21.412 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion:104 Resp: 91966
Ion Ratio Lower Upper
104 100
78 48.2 38.4 57.6
103 57.1 44.1 66.1

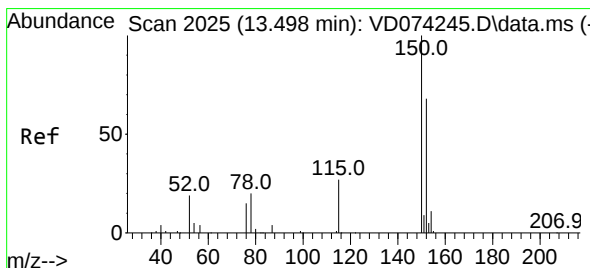
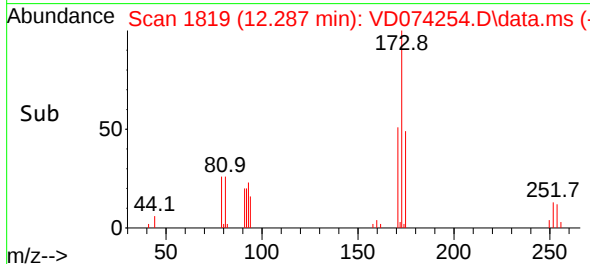
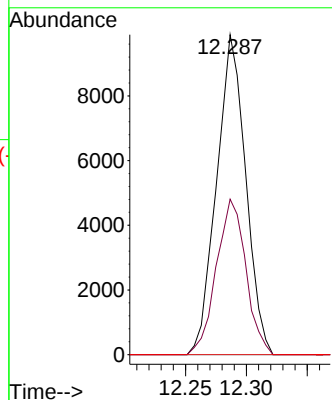
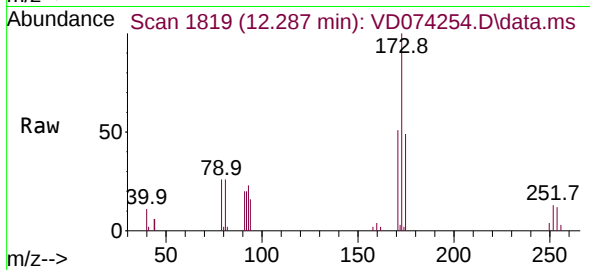




#71
Bromoform
Concen: 21.434 ug/l
RT: 12.287 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

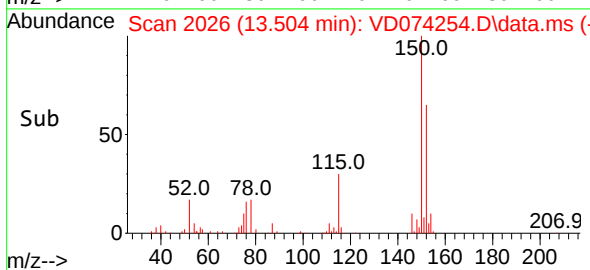
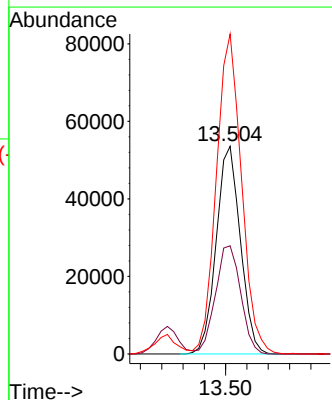
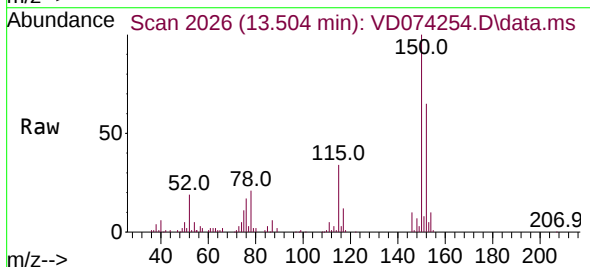
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

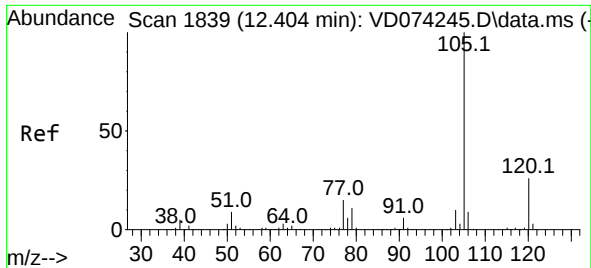
Tgt Ion:173 Resp: 16426
Ion Ratio Lower Upper
173 100
175 49.3 24.2 72.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.504 min Scan# 2026
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion:152 Resp: 84150
Ion Ratio Lower Upper
152 100
115 54.7 28.4 85.2
150 160.5 0.0 351.0

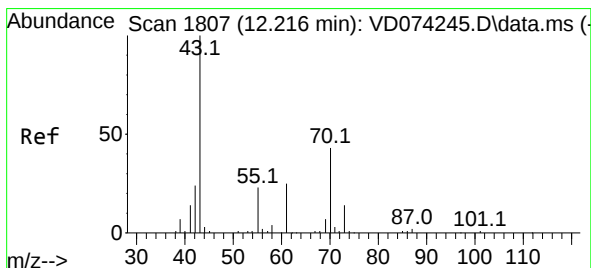
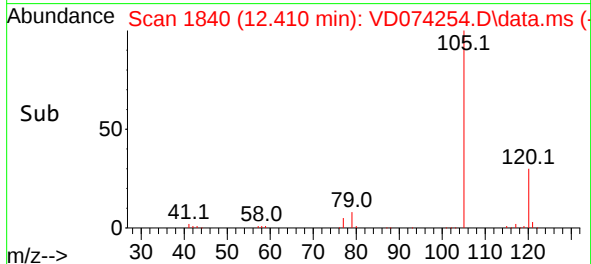
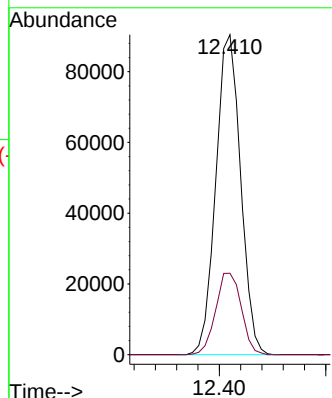
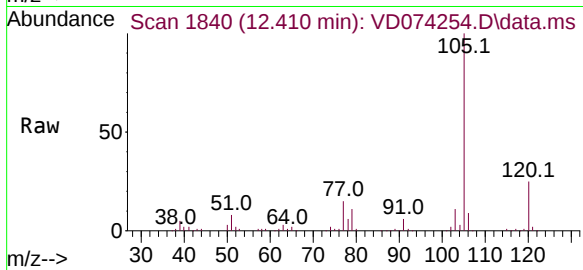




#73
Isopropylbenzene
Concen: 20.511 ug/l
RT: 12.410 min Scan# 1840
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

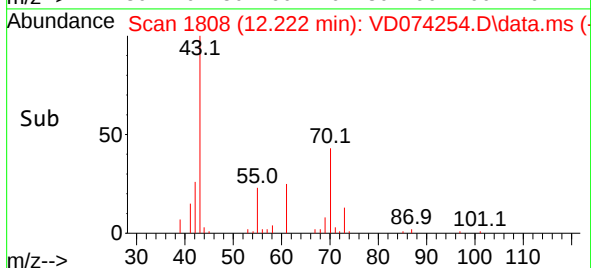
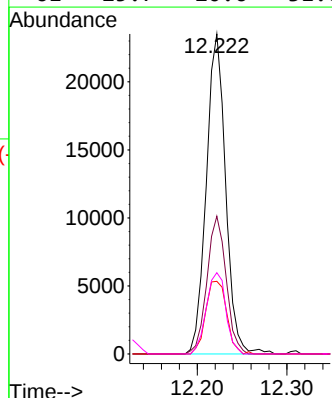
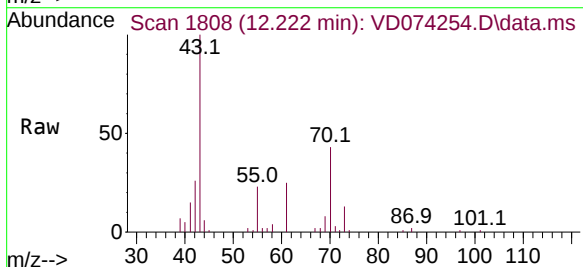
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

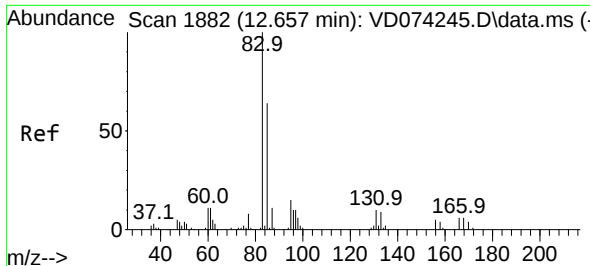
Tgt Ion:105 Resp: 146029
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 20.990 ug/l
RT: 12.222 min Scan# 1808
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 43 Resp: 35192
Ion Ratio Lower Upper
43 100
70 42.6 34.6 51.8
55 24.7 18.2 27.2
61 25.7 20.6 31.0

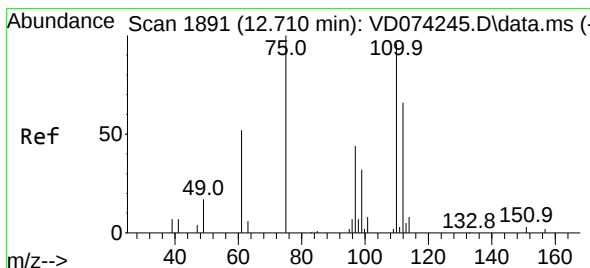
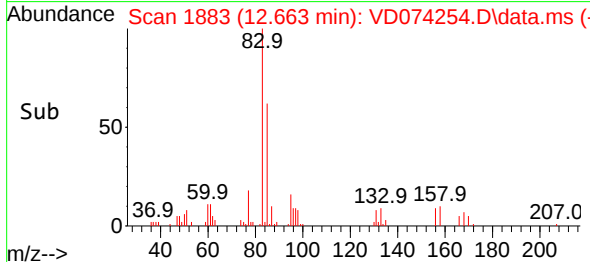
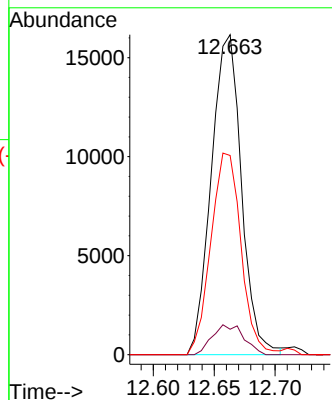
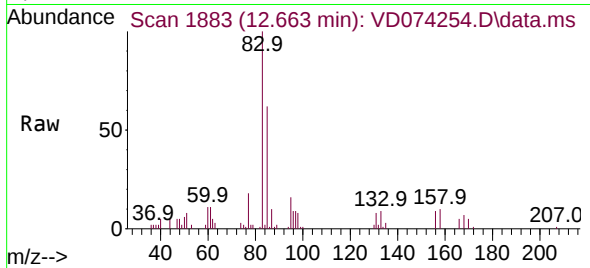




#75
1,1,2,2-Tetrachloroethane
Concen: 21.481 ug/l
RT: 12.663 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

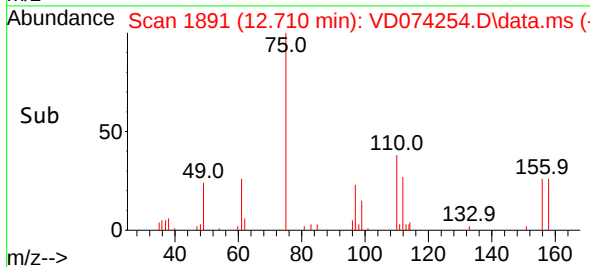
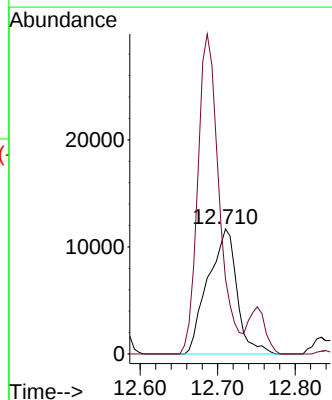
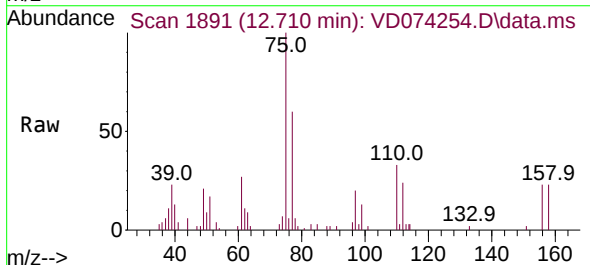
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

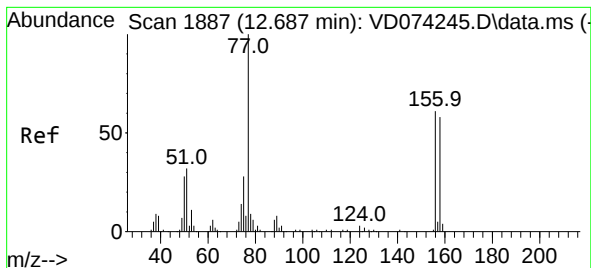
Tgt Ion: 83 Resp: 27847
Ion Ratio Lower Upper
83 100
131 9.8 4.9 14.7
85 63.0 32.3 96.9



#76
1,2,3-Trichloropropane
Concen: 35.150 ug/l
RT: 12.710 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 75 Resp: 30323
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.522 ug/l

RT: 12.687 min Scan# 1887

Delta R.T. -0.000 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

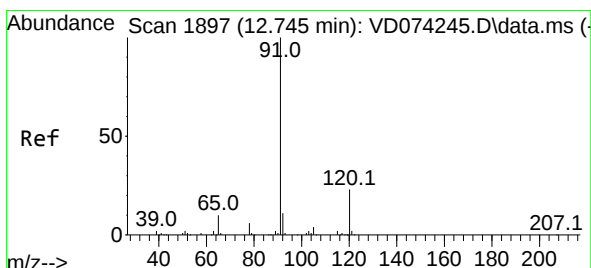
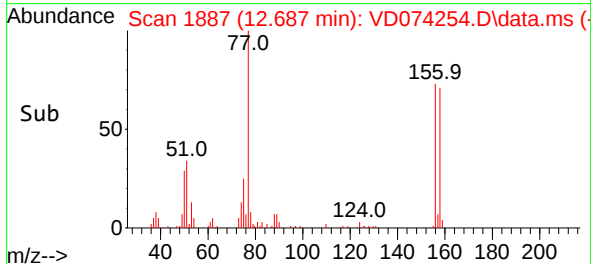
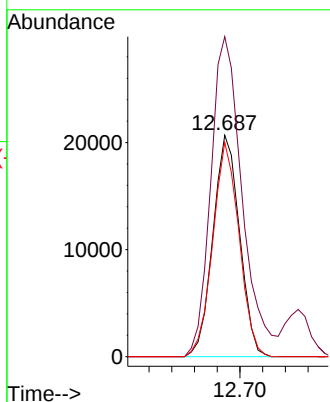
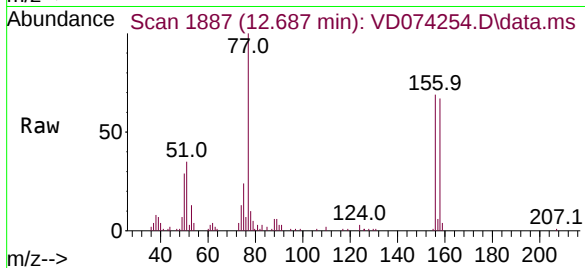
Instrument :

MSVOA_D

ClientSampleId :

VD0912SBSD01

Tgt Ion:	156	Resp:	33626
Ion	Ratio	Lower	Upper
156	100		
77	171.0	91.1	273.3
158	95.8	49.4	148.2



#78

n-propylbenzene

Concen: 20.446 ug/l

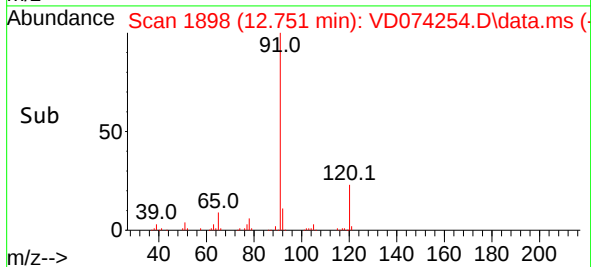
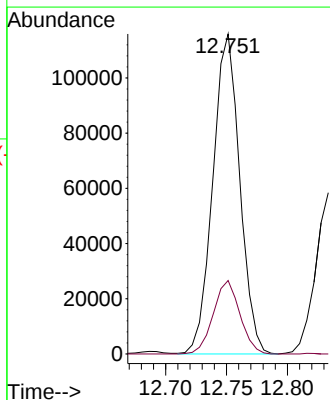
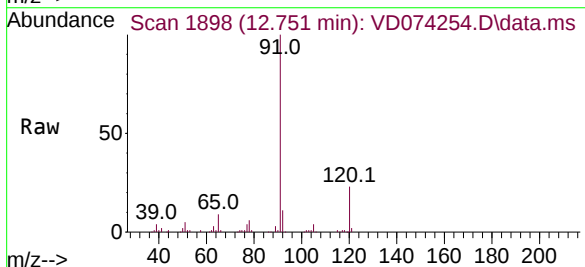
RT: 12.751 min Scan# 1898

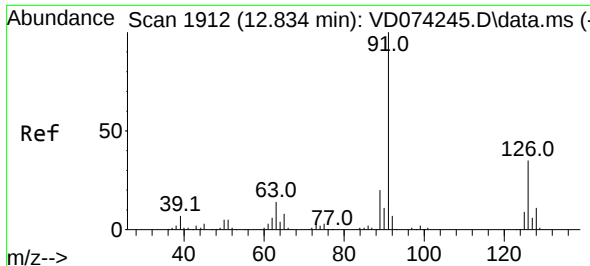
Delta R.T. 0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Tgt Ion:	91	Resp:	178504
Ion	Ratio	Lower	Upper
91	100		
120	22.6	11.6	34.7

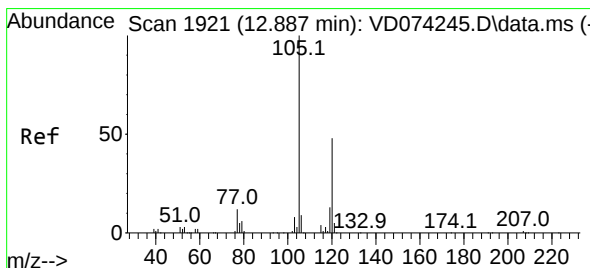
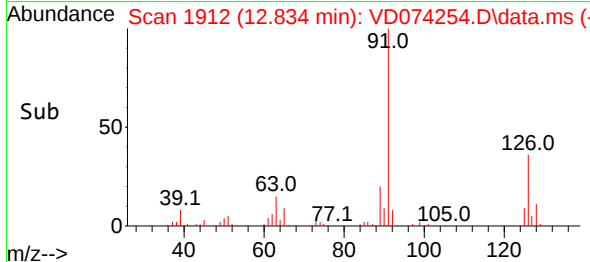
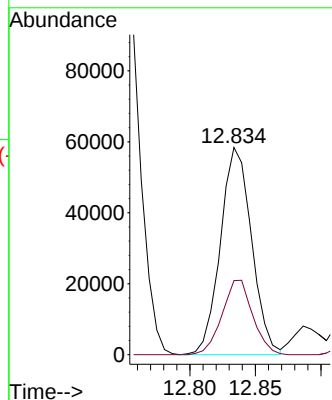
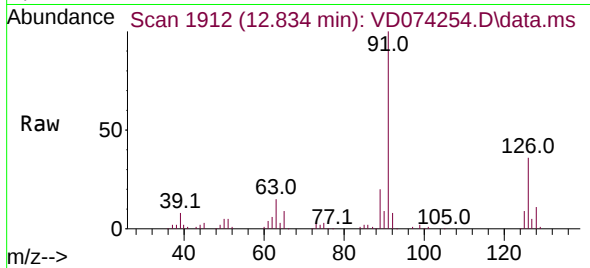




#79
2-Chlorotoluene
Concen: 20.503 ug/l
RT: 12.834 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

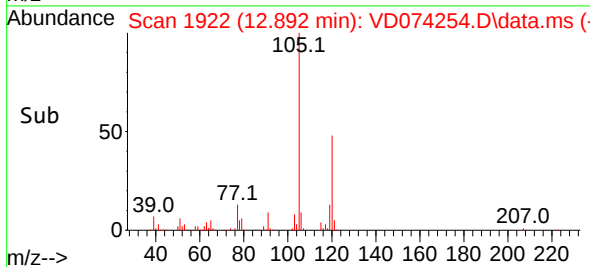
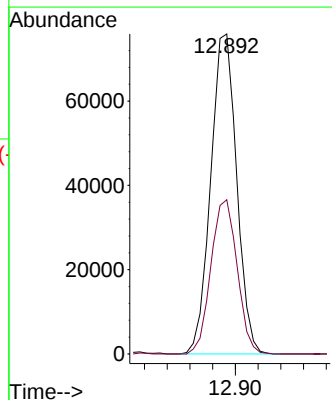
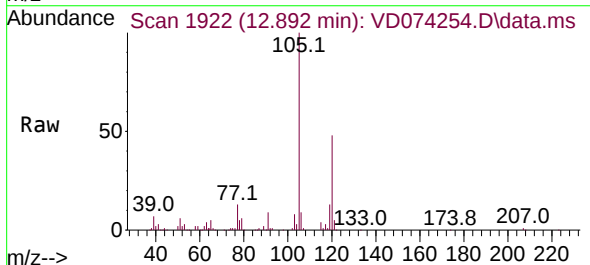
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

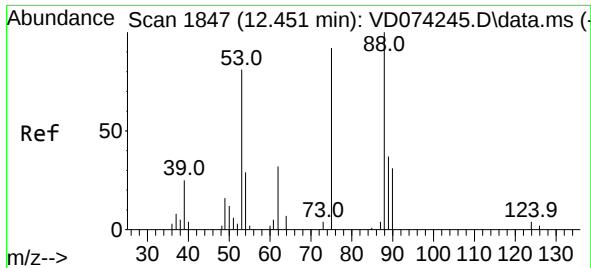
Tgt Ion: 91 Resp: 96828
Ion Ratio Lower Upper
91 100
126 35.3 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 20.416 ug/l
RT: 12.892 min Scan# 1922
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 105 Resp: 120430
Ion Ratio Lower Upper
105 100
120 48.7 24.6 74.0

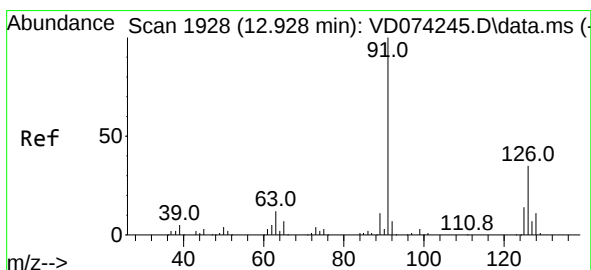
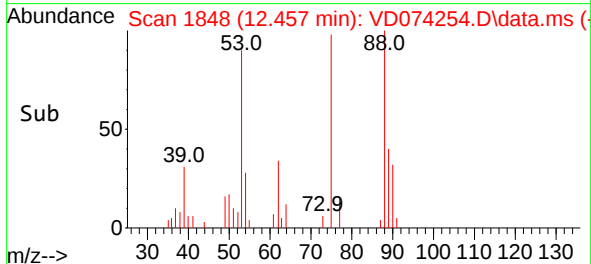
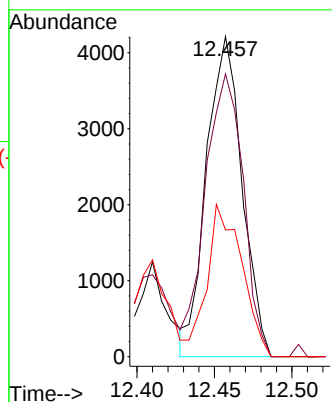
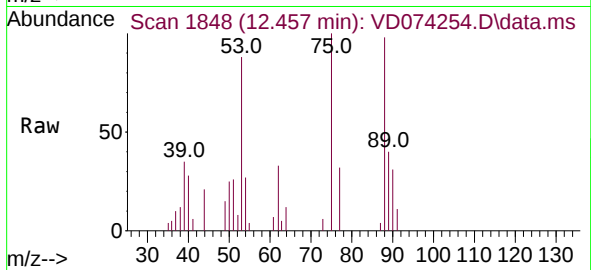




#81
trans-1,4-Dichloro-2-butene
Concen: 19.261 ug/l
RT: 12.457 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

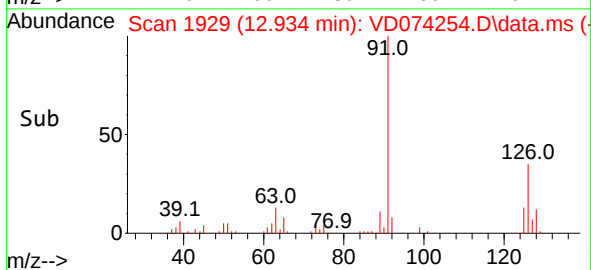
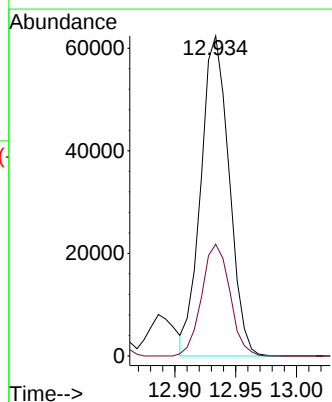
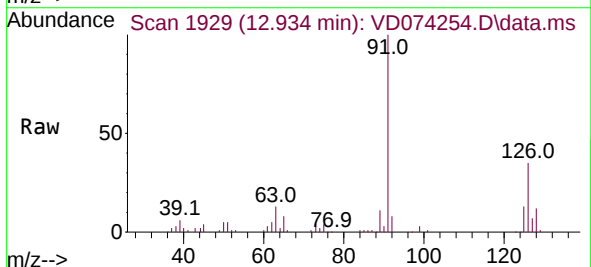
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

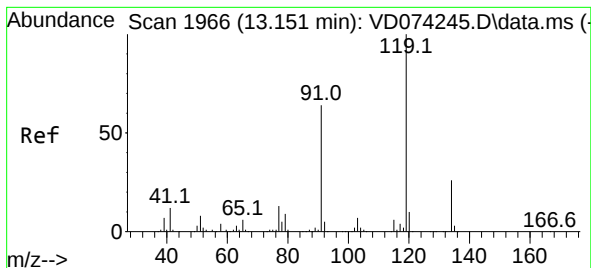
Tgt Ion: 75 Resp: 6739
Ion Ratio Lower Upper
75 100
53 94.0 0.0 0.0#
89 46.9 0.0 0.0#



#82
4-Chlorotoluene
Concen: 20.992 ug/l
RT: 12.934 min Scan# 1929
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 91 Resp: 100932
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.823 ug/l

RT: 13.151 min Scan# 1966

Delta R.T. -0.000 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBSD01

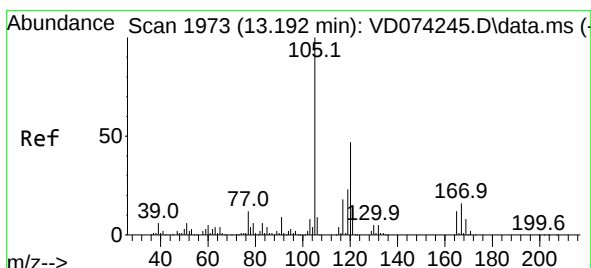
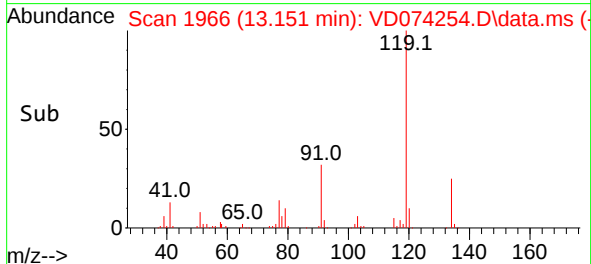
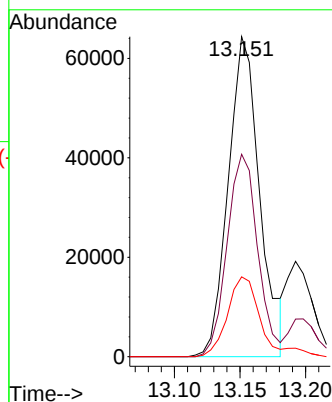
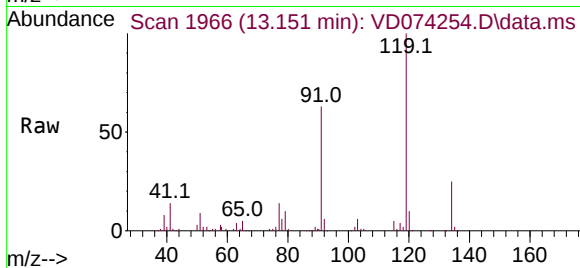
Tgt Ion:119 Resp: 107505

Ion Ratio Lower Upper

119 100

91 61.5 31.3 93.9

134 26.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.902 ug/l

RT: 13.198 min Scan# 1974

Delta R.T. 0.006 min

Lab File: VD074254.D

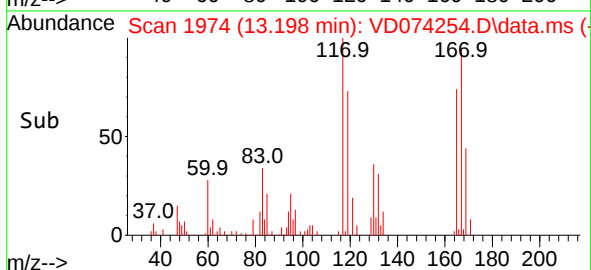
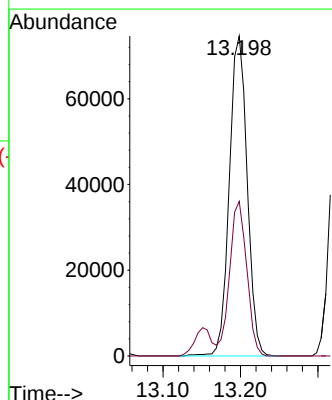
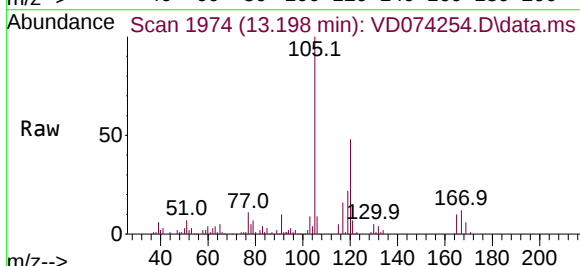
Acq: 12 Sep 2022 13:52

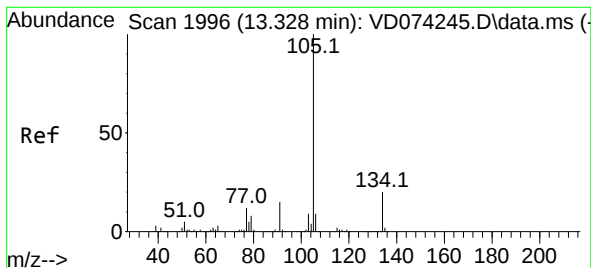
Tgt Ion:105 Resp: 119693

Ion Ratio Lower Upper

105 100

120 46.3 23.1 69.3





#85

sec-Butylbenzene

Concen: 20.120 ug/l

RT: 13.328 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

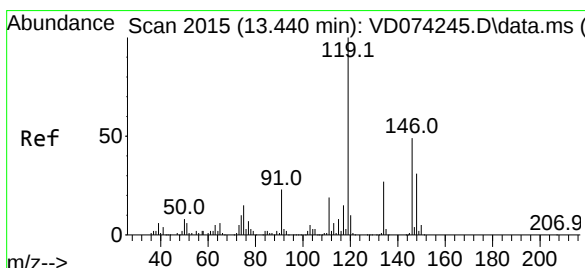
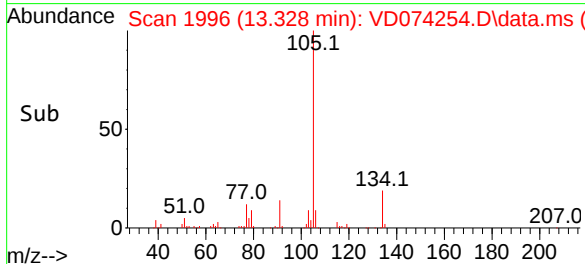
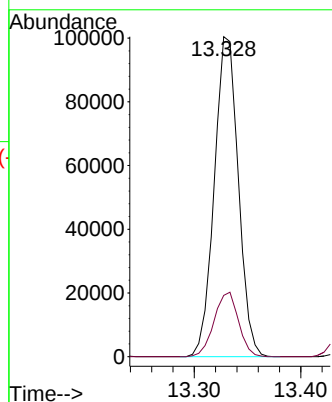
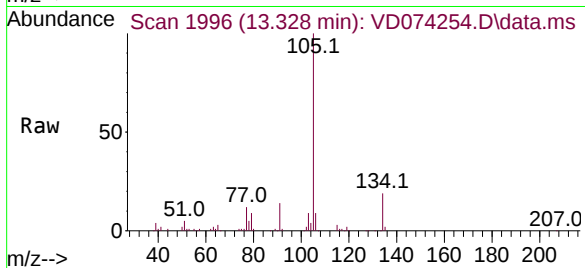
VD0912SBSD01

Tgt Ion:105 Resp: 157362

Ion Ratio Lower Upper

105 100

134 20.4 10.0 29.8



#86

p-Isopropyltoluene

Concen: 20.375 ug/l

RT: 13.445 min Scan# 2016

Delta R.T. 0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

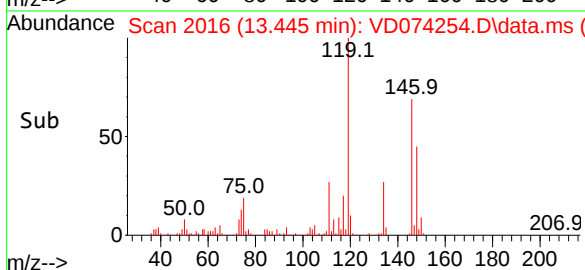
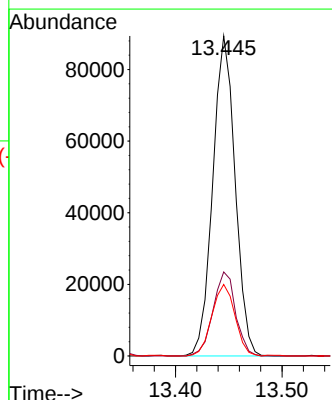
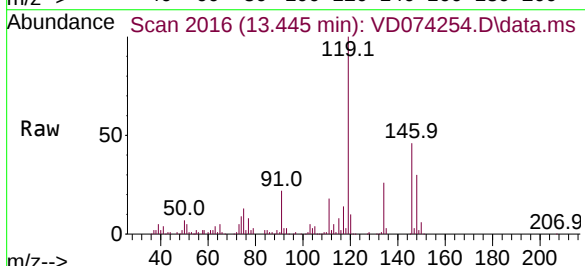
Tgt Ion:119 Resp: 130159

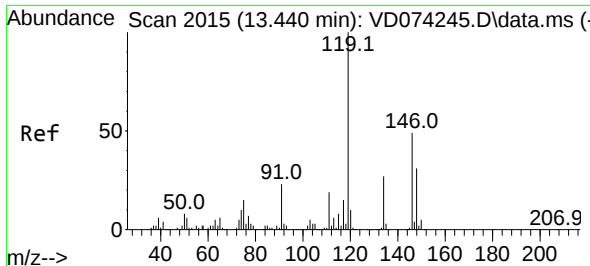
Ion Ratio Lower Upper

119 100

134 26.4 13.1 39.3

91 23.0 11.2 33.5





#87

1,3-Dichlorobenzene

Concen: 20.948 ug/l

RT: 13.445 min Scan# 2015

Delta R.T. 0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBSD01

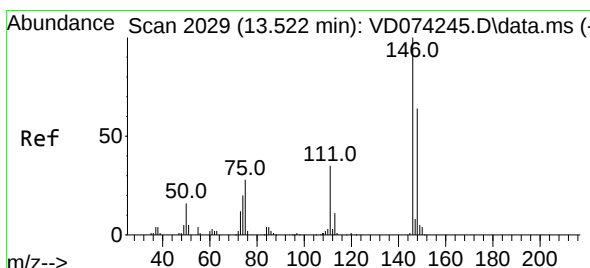
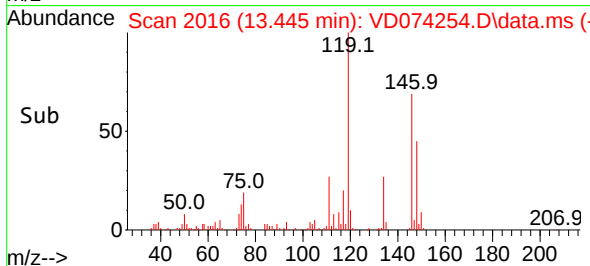
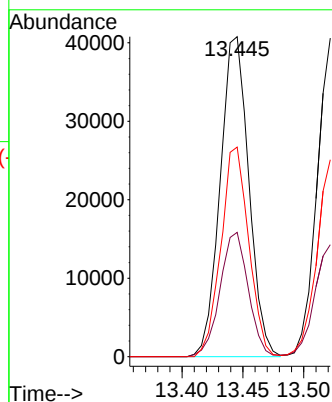
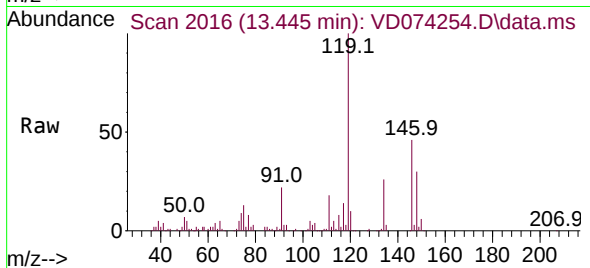
Tgt Ion:146 Resp: 66748

Ion Ratio Lower Upper

146 100

111 38.3 18.1 54.4

148 63.6 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.854 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. -0.000 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

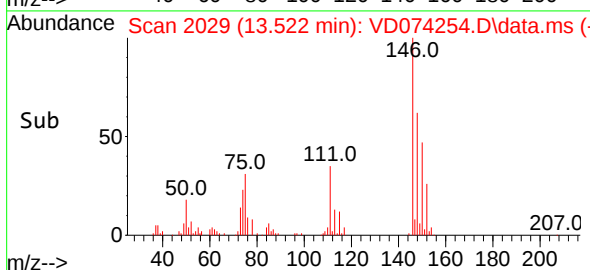
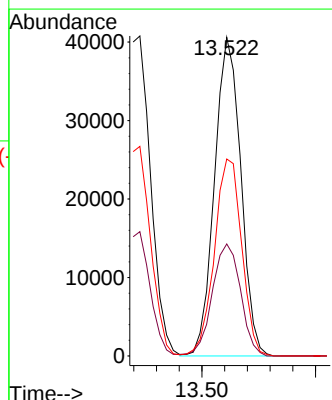
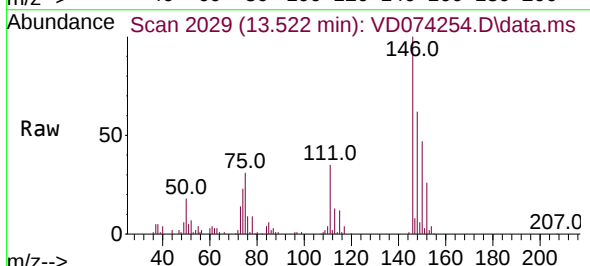
Tgt Ion:146 Resp: 65345

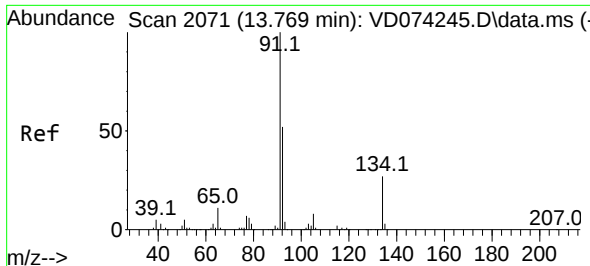
Ion Ratio Lower Upper

146 100

111 37.8 18.4 55.2

148 64.3 32.1 96.5

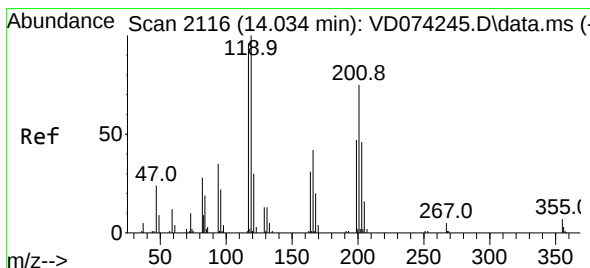
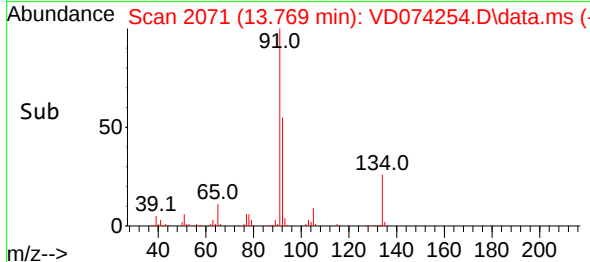
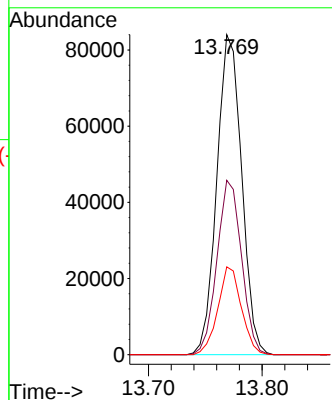
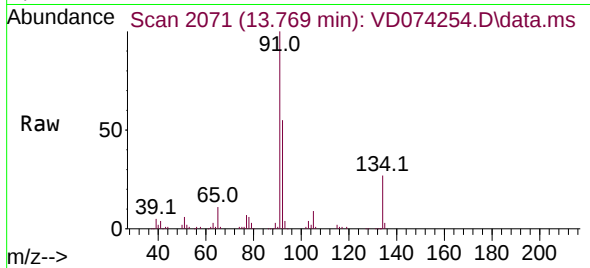




#89
n-Butylbenzene
Concen: 20.462 ug/l
RT: 13.769 min Scan# 2071
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

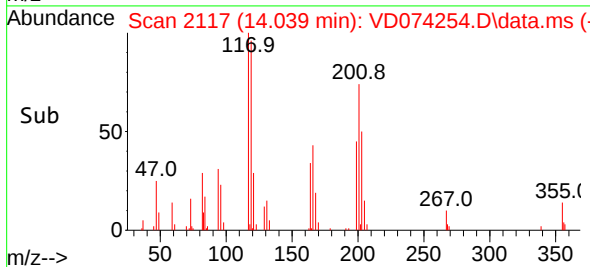
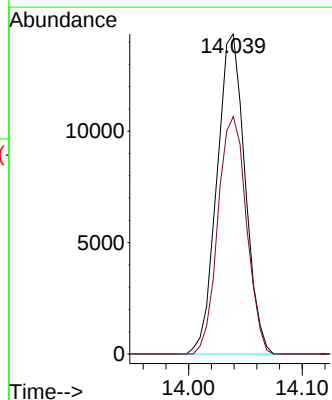
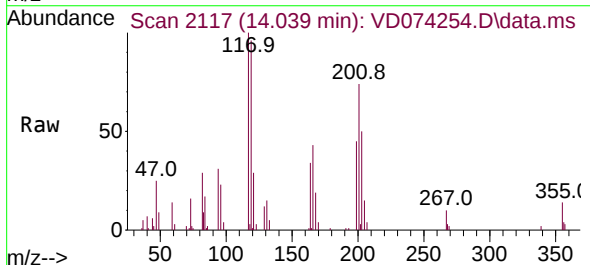
Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

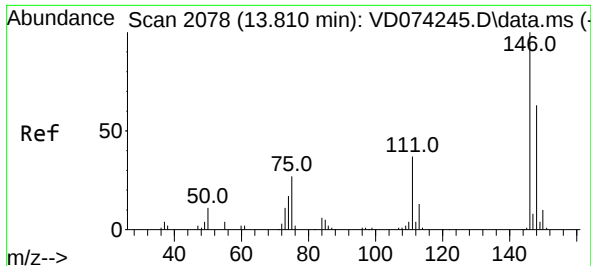
Tgt Ion: 91 Resp: 127728
Ion Ratio Lower Upper
91 100
92 54.0 26.6 79.7
134 26.1 13.1 39.1



#90
Hexachloroethane
Concen: 21.100 ug/l
RT: 14.039 min Scan# 2117
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion: 117 Resp: 24657
Ion Ratio Lower Upper
117 100
201 75.3 38.0 113.9





#91

1,2-Dichlorobenzene

Concen: 20.942 ug/l

RT: 13.816 min Scan# 2078

Delta R.T. 0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBSD01

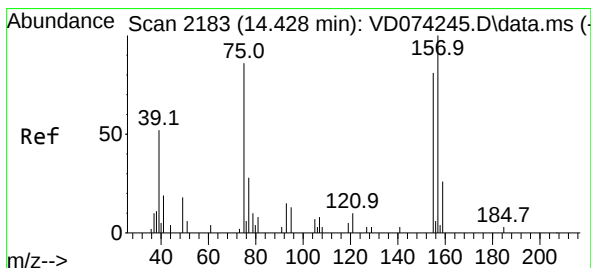
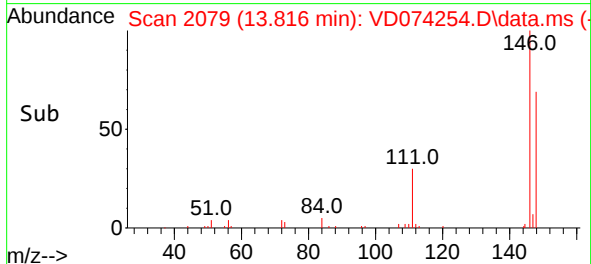
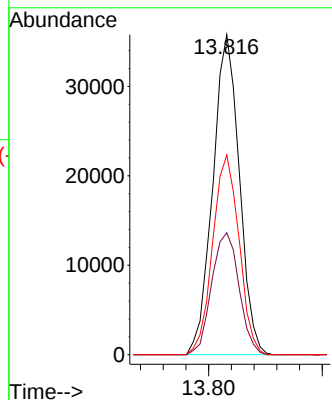
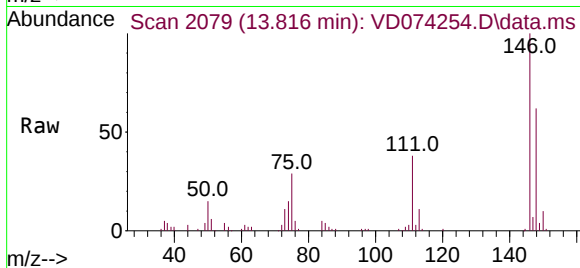
Tgt Ion:146 Resp: 58033

Ion Ratio Lower Upper

146 100

111 39.3 19.4 58.4

148 62.0 31.5 94.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.238 ug/l

RT: 14.433 min Scan# 2184

Delta R.T. 0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

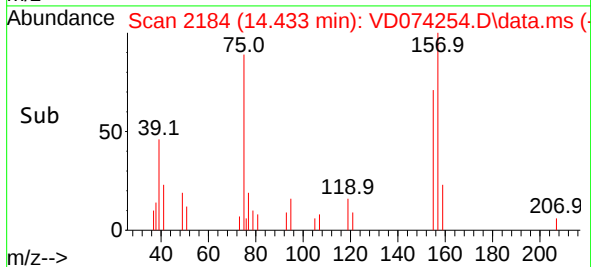
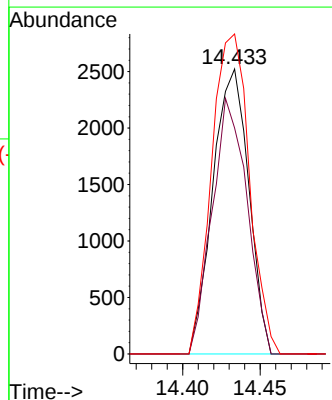
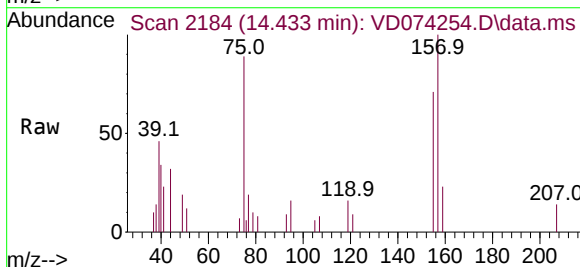
Tgt Ion: 75 Resp: 4051

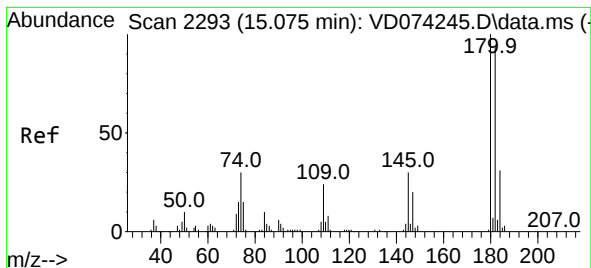
Ion Ratio Lower Upper

75 100

155 87.4 49.2 147.6

157 118.6 62.1 186.2





#93

1,2,4-Trichlorobenzene

Concen: 20.083 ug/l

RT: 15.081 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

Instrument :

MSVOA_D

ClientSampleId :

VD0912SBSD01

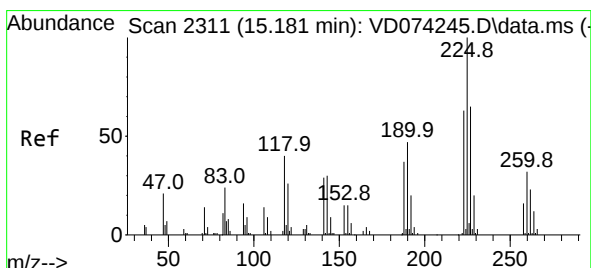
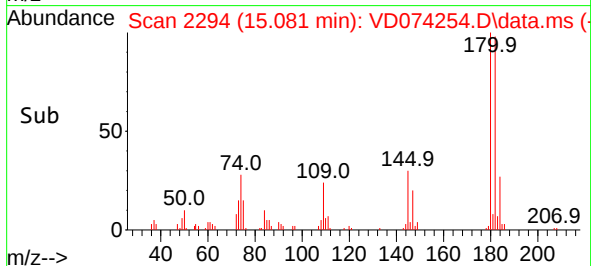
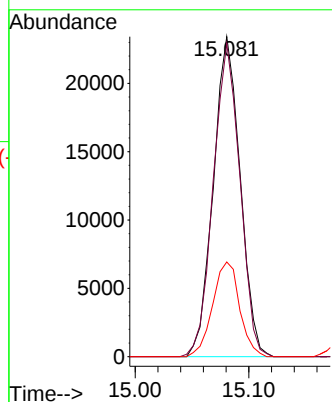
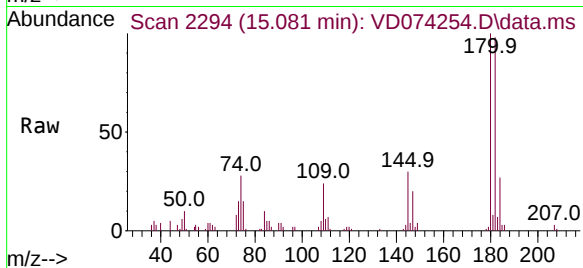
Tgt Ion:180 Resp: 38470

Ion Ratio Lower Upper

180 100

182 97.0 47.6 142.9

145 29.7 14.4 43.4



#94

Hexachlorobutadiene

Concen: 20.358 ug/l

RT: 15.186 min Scan# 2312

Delta R.T. 0.006 min

Lab File: VD074254.D

Acq: 12 Sep 2022 13:52

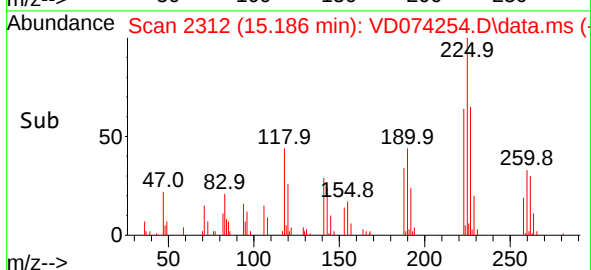
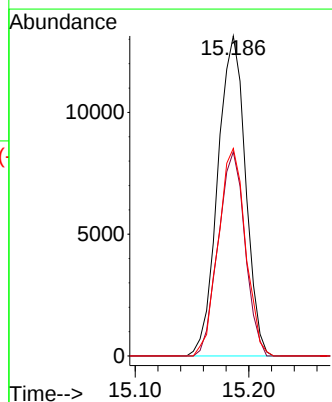
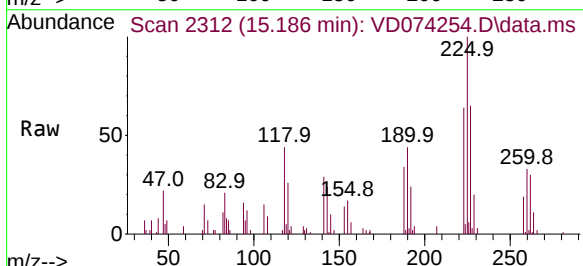
Tgt Ion:225 Resp: 22284

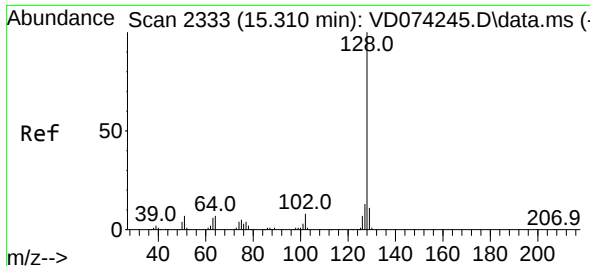
Ion Ratio Lower Upper

225 100

223 61.4 32.4 97.0

227 63.8 32.7 98.1

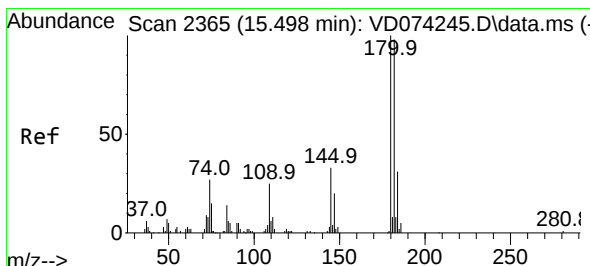
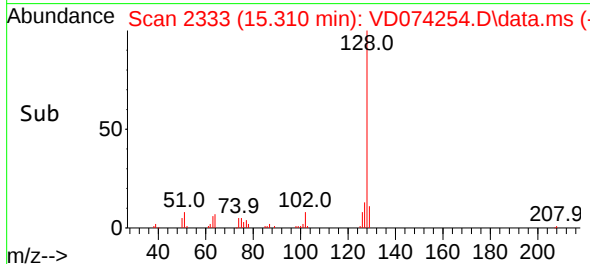
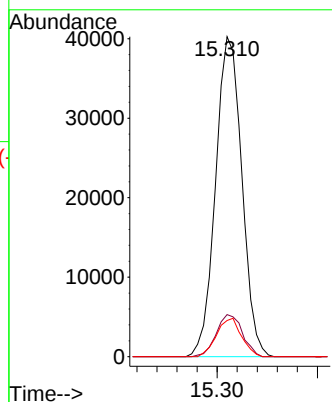
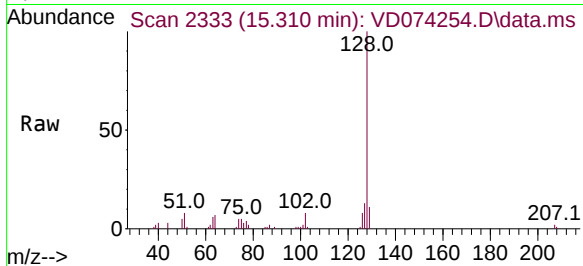




#95
Naphthalene
Concen: 20.404 ug/l
RT: 15.310 min Scan# 2333
Delta R.T. -0.000 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Instrument :
MSVOA_D
ClientSampleId :
VD0912SBSD01

Tgt Ion:	128	Resp:	73030
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.9	16.3
129	11.4	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 20.196 ug/l
RT: 15.504 min Scan# 2366
Delta R.T. 0.006 min
Lab File: VD074254.D
Acq: 12 Sep 2022 13:52

Tgt Ion:	180	Resp:	33211
Ion Ratio	Lower	Upper	
180	100		
182	95.3	47.5	142.5
145	31.9	15.8	47.3

