

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD072992.D
 Acq On : 13 May 2022 16:26
 Operator : VA/SY
 Sample : VD0513SBS01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

Quant Time: May 16 05:14:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	310653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	501644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	474596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	239178	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	164042	40.680	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.360%
35) Dibromofluoromethane	7.914	113	173166	49.152	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.300%
50) Toluene-d8	10.332	98	621159	49.151	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.300%
62) 4-Bromofluorobenzene	12.620	95	230593	48.935	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.860%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	75163	17.509	ug/l	97
3) Chloromethane	2.209	50	69368	15.538	ug/l	95
4) Vinyl Chloride	2.344	62	65807	16.427	ug/l	100
5) Bromomethane	2.744	94	46900	18.046	ug/l	92
6) Chloroethane	2.909	64	42803	17.144	ug/l	93
7) Trichlorofluoromethane	3.261	101	131764	18.784	ug/l	93
8) Diethyl Ether	3.709	74	34289	17.050	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.091	101	81119	19.478	ug/l	96
10) Methyl Iodide	4.291	142	62156	14.872	ug/l	99
11) Tert butyl alcohol	5.185	59	25198	72.222	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	67890	18.124	ug/l	88
13) Acrolein	3.920	56	17008	57.194	ug/l	99
14) Allyl chloride	4.708	41	102792	16.997	ug/l	92
15) Acrylonitrile	5.420	53	81261	85.023	ug/l	97
16) Acetone	4.161	43	59452	68.655	ug/l	95
17) Carbon Disulfide	4.403	76	189929	16.125	ug/l	100
18) Methyl Acetate	4.714	43	41714	18.857	ug/l	92
19) Methyl tert-butyl Ether	5.473	73	150949	16.809	ug/l	98
20) Methylene Chloride	4.967	84	109023	18.659	ug/l #	84
21) trans-1,2-Dichloroethene	5.473	96	78364	18.241	ug/l #	79
22) Diisopropyl ether	6.355	45	231929	17.433	ug/l	95
23) Vinyl Acetate	6.303	43	579251	78.819	ug/l #	95
24) 1,1-Dichloroethane	6.261	63	143815	17.993	ug/l	99
25) 2-Butanone	7.208	43	94310	80.267	ug/l	94
26) 2,2-Dichloropropane	7.202	77	121572	17.992	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	88514	17.989	ug/l	91
28) Bromochloromethane	7.538	49	50885	17.072	ug/l	84
29) Tetrahydrofuran	7.555	42	59808	79.859	ug/l	92
30) Chloroform	7.702	83	151287	17.888	ug/l	96
31) Cyclohexane	7.985	56	124812	17.706	ug/l	92
32) 1,1,1-Trichloroethane	7.897	97	133719	18.552	ug/l	97
36) 1,1-Dichloropropene	8.102	75	111873	19.529	ug/l	98
37) Ethyl Acetate	7.285	43	44742	16.990	ug/l #	92
38) Carbon Tetrachloride	8.085	117	119542	20.102	ug/l	93
39) Methylcyclohexane	9.349	83	122802	18.481	ug/l	98
40) Benzene	8.344	78	318028	19.224	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	28063	17.897	ug/l	94
42) 1,2-Dichloroethane	8.420	62	89192	17.891	ug/l	99
43) Isopropyl Acetate	8.449	43	84543	17.393	ug/l	92
44) Trichloroethene	9.108	130	86083	19.450	ug/l	90
45) 1,2-Dichloropropane	9.379	63	81964	18.866	ug/l	97
46) Dibromomethane	9.467	93	43862	18.302	ug/l	98
47) Bromodichloromethane	9.655	83	117392	19.041	ug/l	94
48) Methyl methacrylate	9.449	41	40730	17.129	ug/l #	89
49) 1,4-Dioxane	9.461	88	8988	333.043	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	225604	89.321	ug/l	95
52) Toluene	10.396	92	208699	20.223	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	103163	18.217	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	122806	18.666	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	62358	19.247	ug/l	96
56) Ethyl methacrylate	10.649	69	68715	18.014	ug/l	89
57) 1,3-Dichloropropane	10.938	76	102073	18.359	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	139667	75.517	ug/l	95
59) 2-Hexanone	10.973	43	146976	86.479	ug/l	96
60) Dibromochloromethane	11.132	129	77237	18.938	ug/l	99
61) 1,2-Dibromoethane	11.238	107	57731	18.307	ug/l	97
64) Tetrachloroethene	10.867	164	71465	20.596	ug/l	97
65) Chlorobenzene	11.661	112	214928	19.580	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	84437	20.468	ug/l	97
67) Ethyl Benzene	11.738	91	381155	20.064	ug/l	98
68) m/p-Xylenes	11.843	106	298065	40.732	ug/l	99
69) o-Xylene	12.167	106	138401	20.251	ug/l	96
70) Styrene	12.185	104	240057	20.273	ug/l	98
71) Bromoform	12.349	173	43451	19.434	ug/l #	99
73) Isopropylbenzene	12.467	105	374221	20.110	ug/l	99
74) N-amyl acetate	12.273	43	82759	17.859	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.720	83	70462	18.758	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	87557	32.830	ug/l #	100
77) Bromobenzene	12.749	156	87676	19.841	ug/l	93
78) n-propylbenzene	12.808	91	477535	20.361	ug/l	99
79) 2-Chlorotoluene	12.896	91	270086	19.714	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	322373	20.431	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	20768	17.907	ug/l	90
82) 4-Chlorotoluene	12.990	91	287943	20.115	ug/l	100
83) tert-Butylbenzene	13.208	119	260820	19.443	ug/l	99
84) 1,2,4-Trimethylbenzene	13.255	105	318540	20.196	ug/l	99
85) sec-Butylbenzene	13.384	105	417673	20.643	ug/l	99
86) p-Isopropyltoluene	13.502	119	342920	20.672	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	176635	19.843	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	177551	20.029	ug/l	99
89) n-Butylbenzene	13.826	91	327395	20.374	ug/l	99
90) Hexachloroethane	14.096	117	68282	20.093	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	154771	19.950	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	10954	18.396	ug/l	95
93) 1,2,4-Trichlorobenzene	15.137	180	87164	18.971	ug/l	99
94) Hexachlorobutadiene	15.243	225	50796	20.244	ug/l	97
95) Naphthalene	15.379	128	149363	17.681	ug/l	99
96) 1,2,3-Trichlorobenzene	15.567	180	77012	18.909	ug/l	99

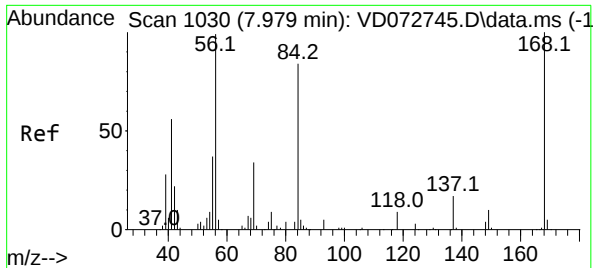
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
Data File : VD072992.D
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Quant Title : SW846 8260
QLast Update : Tue May 03 08:33:49 2022
Response via : Initial Calibration

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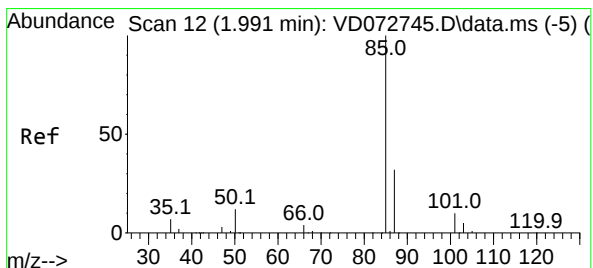
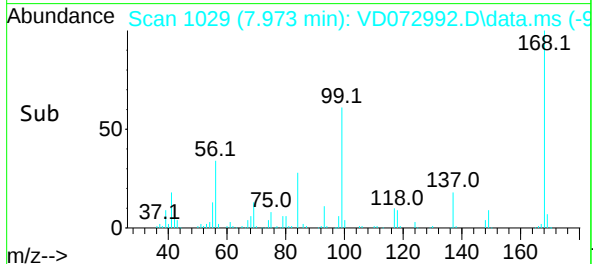
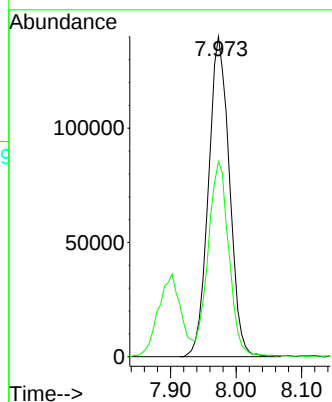
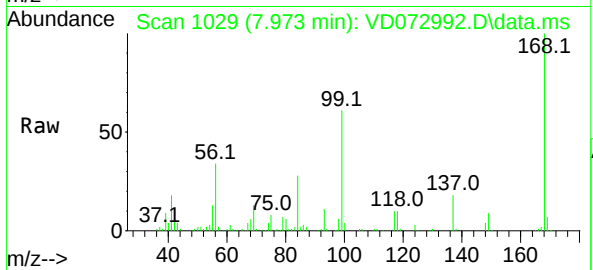
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

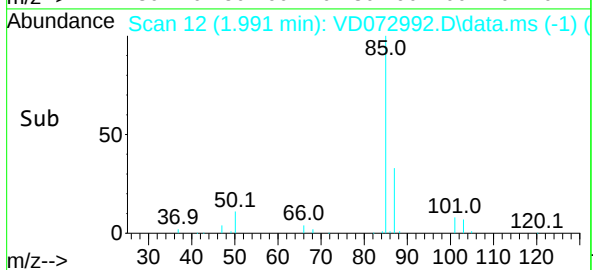
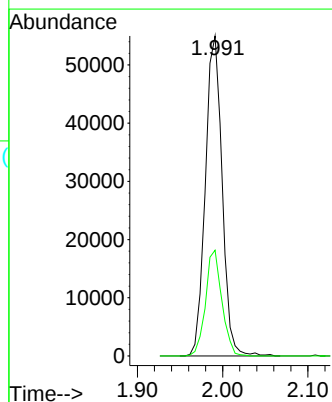
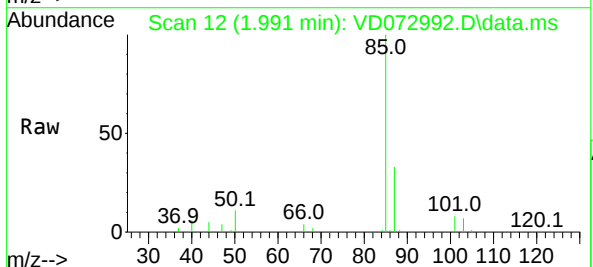
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ClientSampleId :
VD0513SBSD01

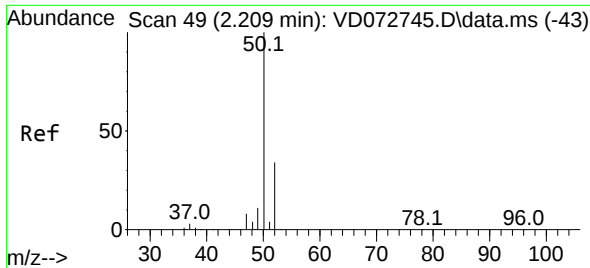
Tgt Ion:168 Resp: 310653
Ion Ratio Lower Upper
168 100
99 60.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 17.509 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 85 Resp: 75163
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0

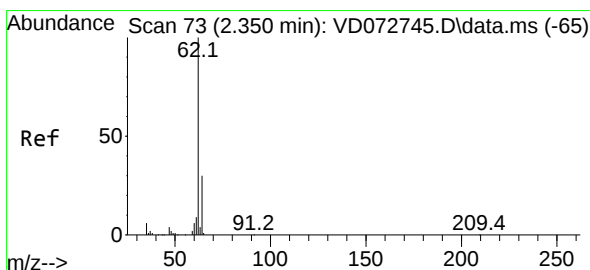
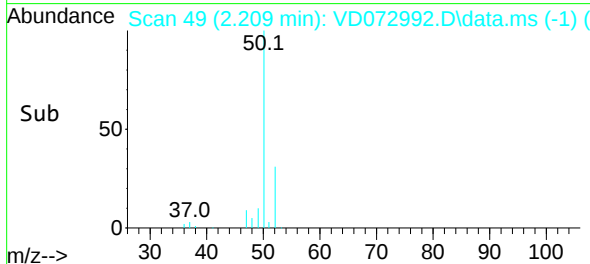
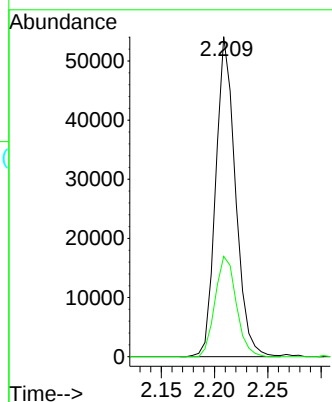
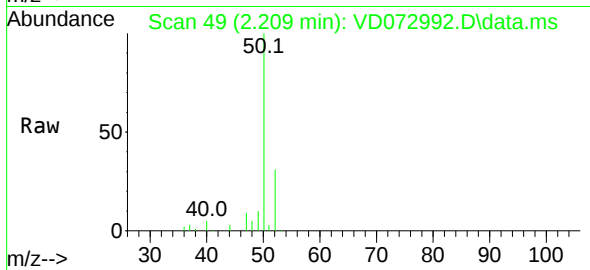




#3
Chloromethane
Concen: 15.538 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

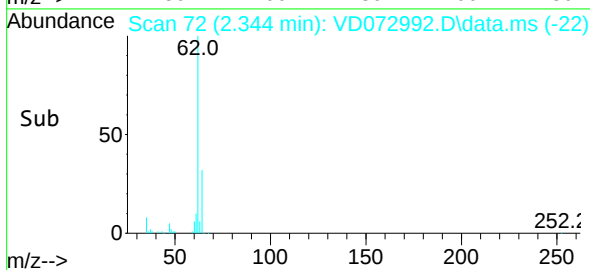
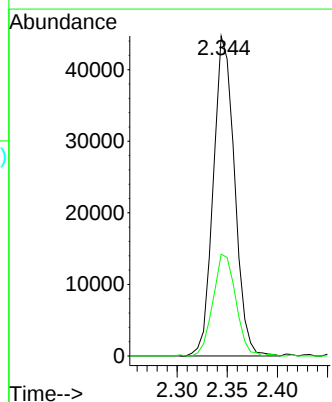
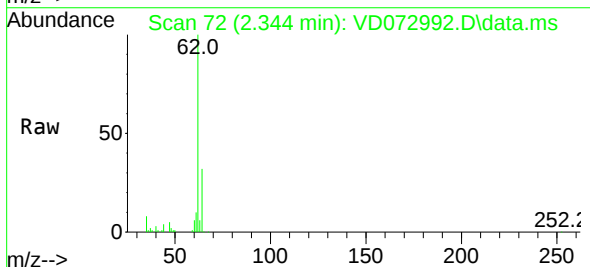
Instrument :
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ClientSampleId :
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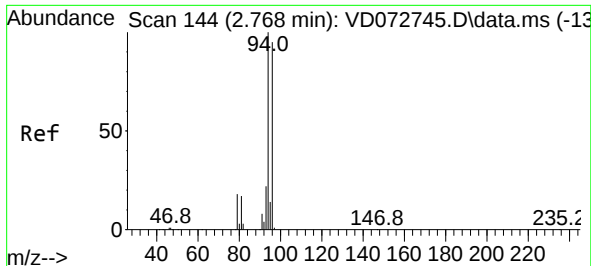
Tgt Ion: 50 Resp: 69368
Ion Ratio Lower Upper
50 100
52 31.4 27.4 41.0



#4
Vinyl Chloride
Concen: 16.427 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 62 Resp: 65807
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0

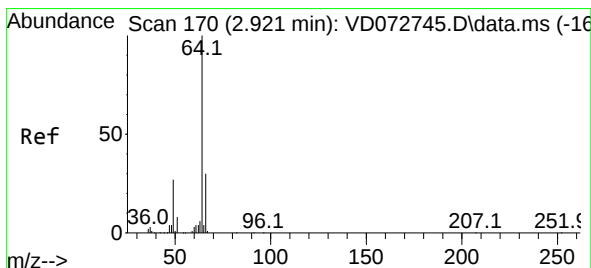
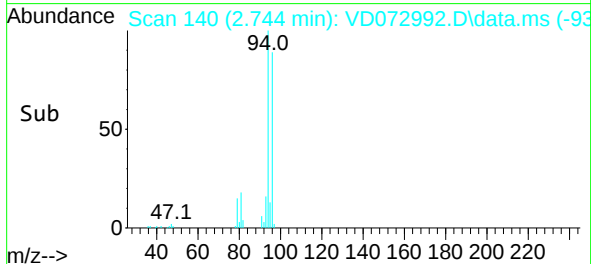
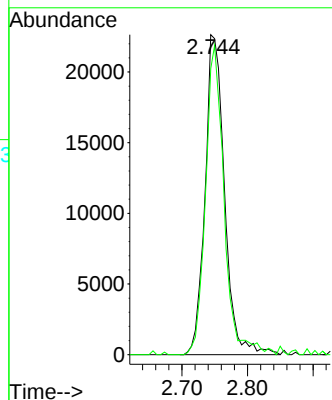
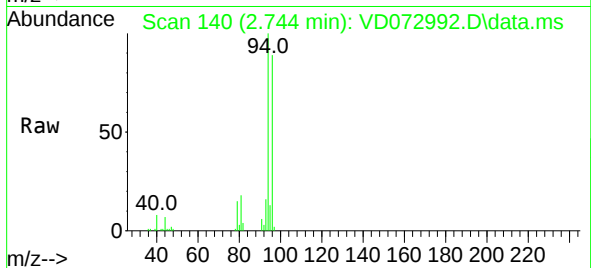




#5
Bromomethane
Concen: 18.046 ug/l
RT: 2.744 min Scan# 144
Delta R.T. -0.024 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

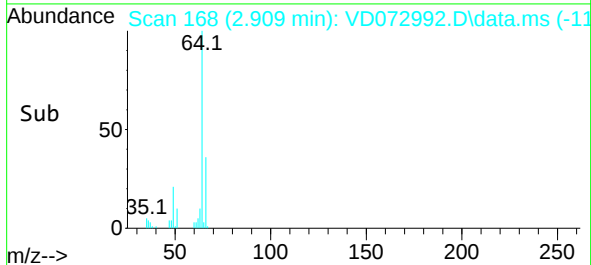
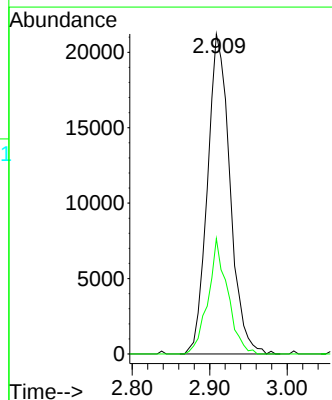
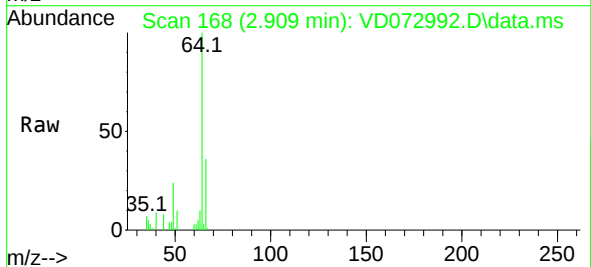
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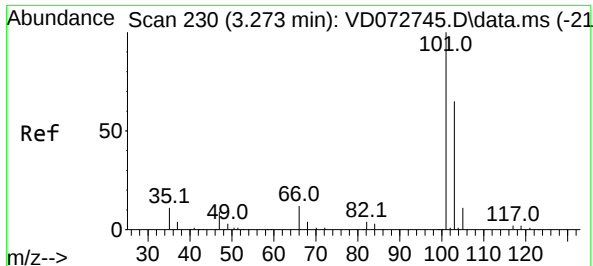
Tgt Ion: 94 Resp: 46900
Ion Ratio Lower Upper
94 100
96 89.4 77.6 116.4



#6
Chloroethane
Concen: 17.144 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 64 Resp: 42803
Ion Ratio Lower Upper
64 100
66 36.1 25.9 38.9

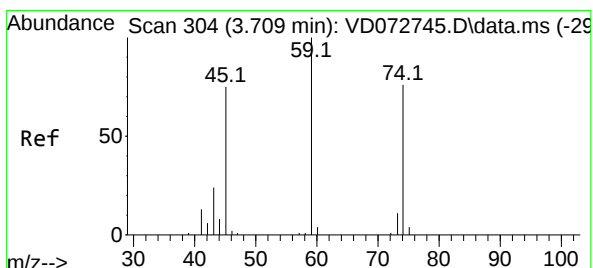
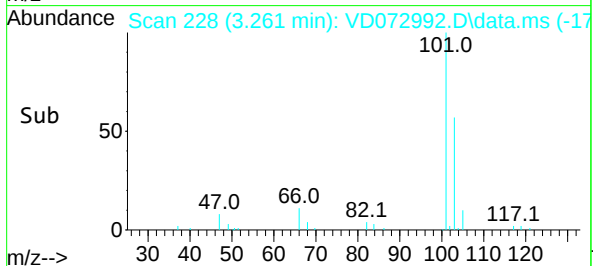
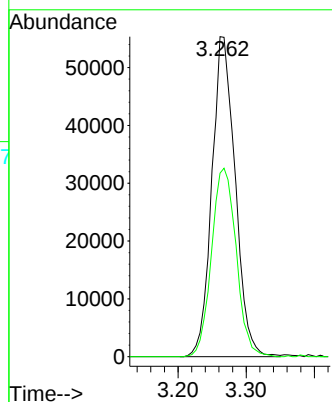
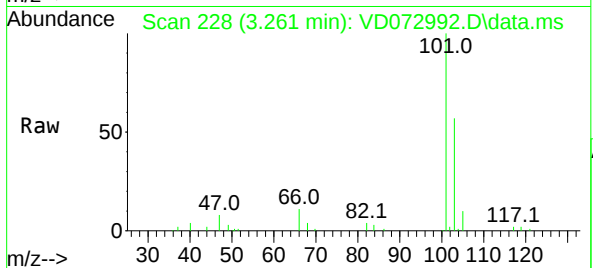




#7
Trichlorofluoromethane
Concen: 18.784 ug/l
RT: 3.261 min Scan# 21
Delta R.T. -0.012 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

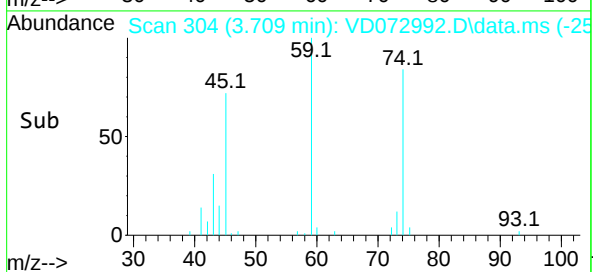
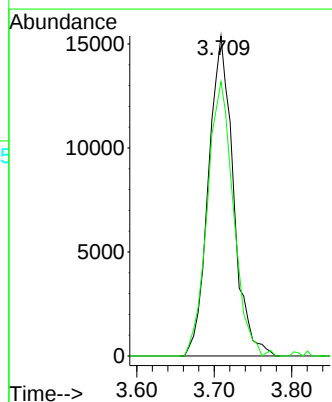
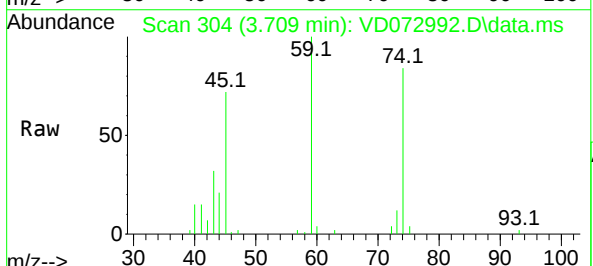
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

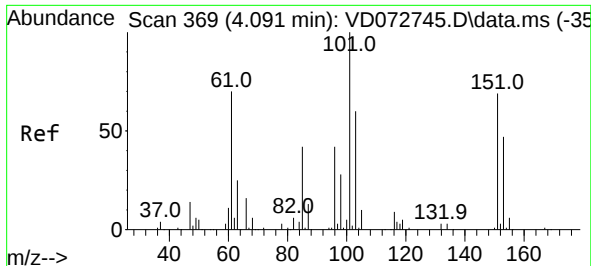
Tgt Ion:101 Resp: 131764
Ion Ratio Lower Upper
101 100
103 57.3 50.1 75.1



#8
Diethyl Ether
Concen: 17.050 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 74 Resp: 34289
Ion Ratio Lower Upper
74 100
45 90.0 52.6 157.8

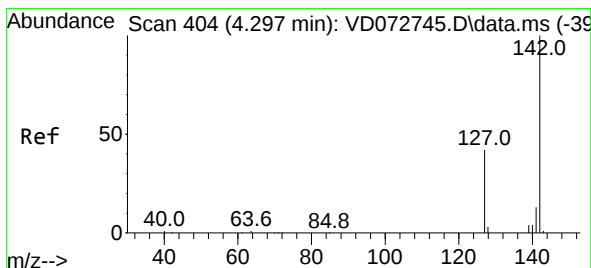
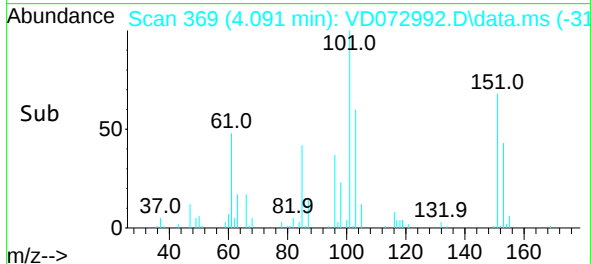
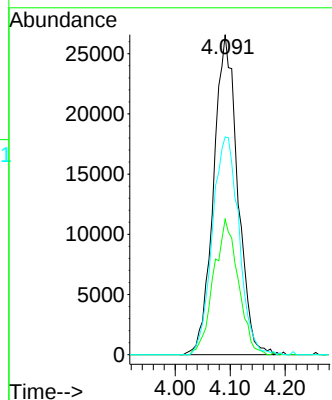
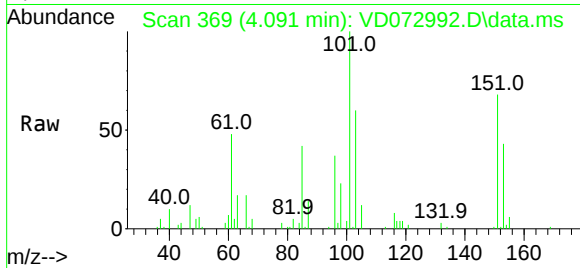




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.478 ug/l
 RT: 4.091 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VD072992.D
 Acq: 13 May 2022 16:26

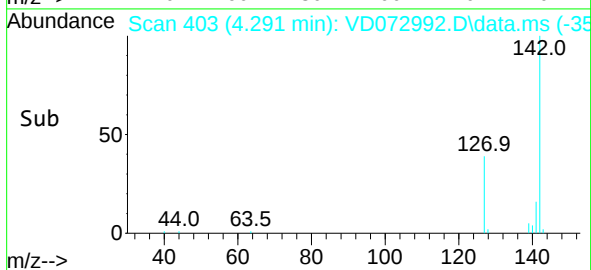
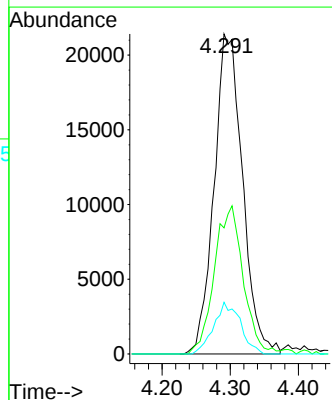
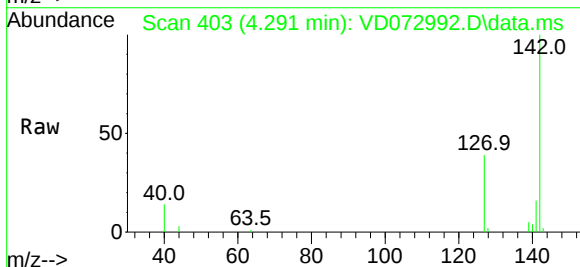
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

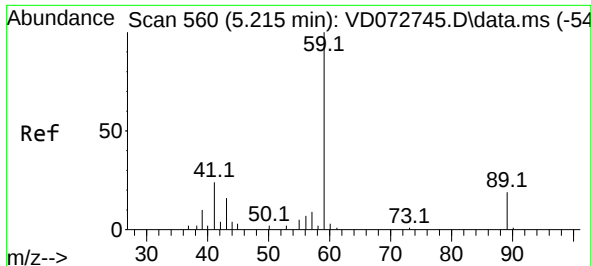
Tgt Ion:101	Resp:	81119
Ion	Ratio	Lower Upper
101	100	
85	43.1	36.4 54.6
151	74.7	57.3 85.9



#10
 Methyl Iodide
 Concen: 14.872 ug/l
 RT: 4.291 min Scan# 403
 Delta R.T. -0.006 min
 Lab File: VD072992.D
 Acq: 13 May 2022 16:26

Tgt Ion:142	Resp:	62156
Ion	Ratio	Lower Upper
142	100	
127	46.9	37.3 55.9
141	15.1	11.7 17.5

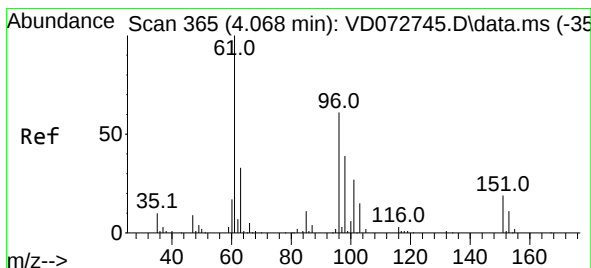
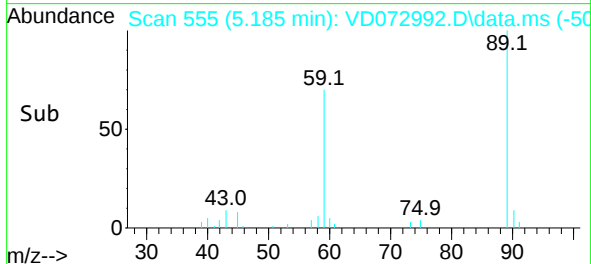
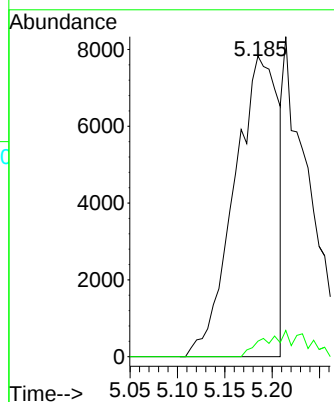
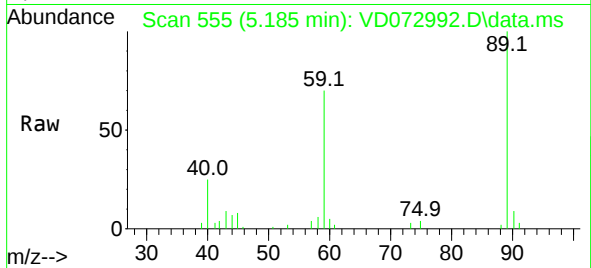




#11
Tert butyl alcohol
Concen: 72.222 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

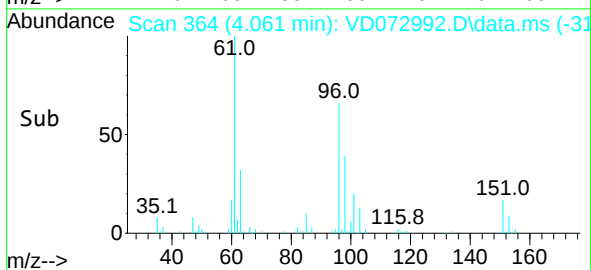
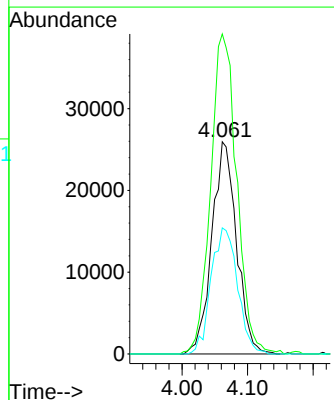
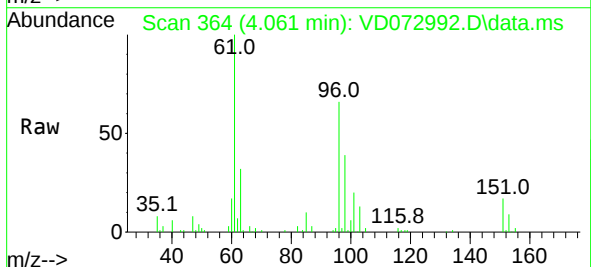
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

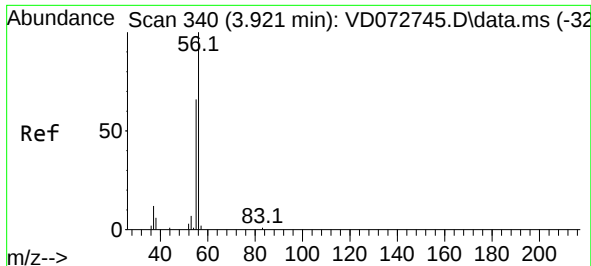
Tgt Ion: 59 Resp: 25198
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 18.124 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.007 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 96 Resp: 67890
Ion Ratio Lower Upper
96 100
61 150.8 138.5 207.7
98 59.4 48.6 73.0

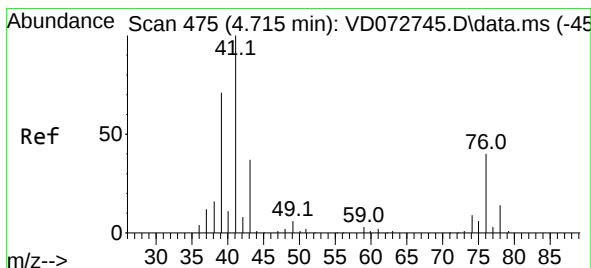
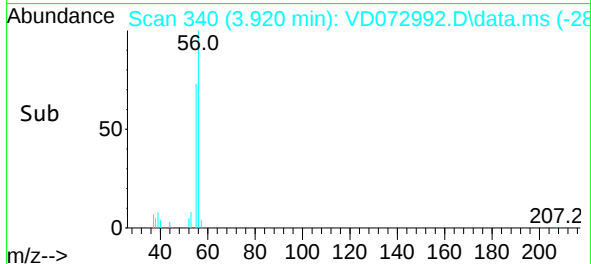
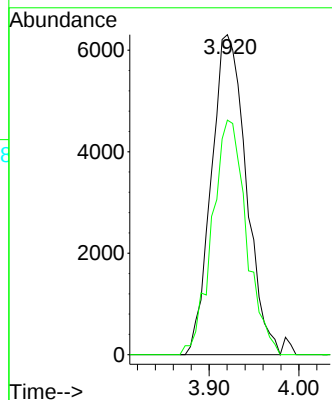
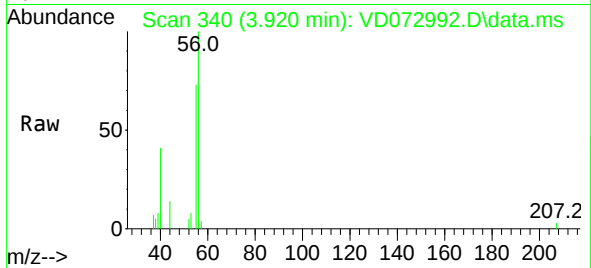




#13
Acrolein
Concen: 57.194 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.001 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

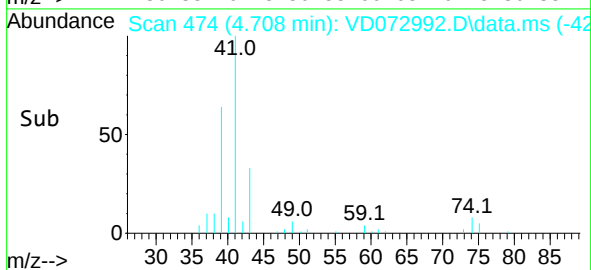
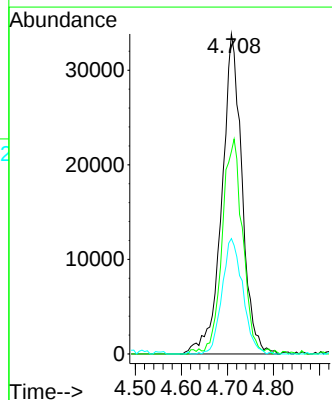
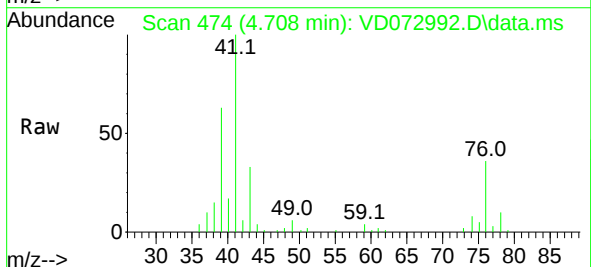
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

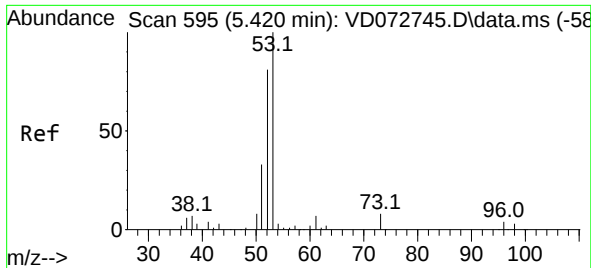
Tgt Ion: 56 Resp: 17008
Ion Ratio Lower Upper
56 100
55 72.1 57.1 85.7



#14
Allyl chloride
Concen: 16.997 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.007 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 41 Resp: 102792
Ion Ratio Lower Upper
41 100
39 68.0 59.3 88.9
76 36.8 25.7 38.5

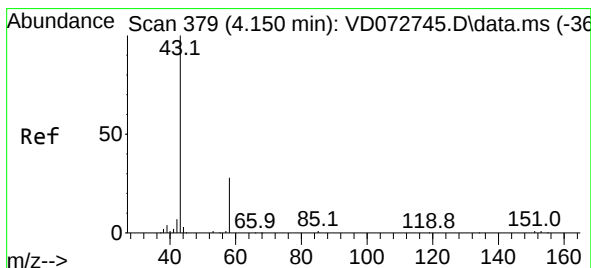
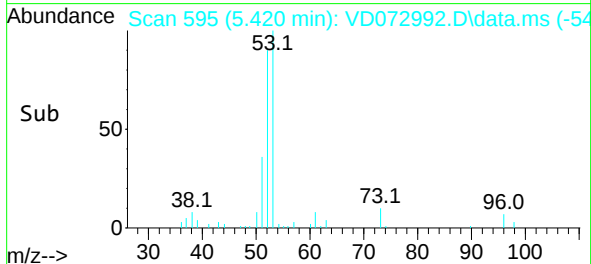
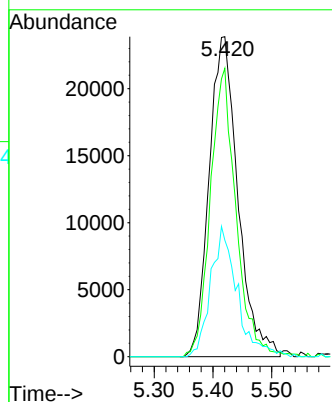
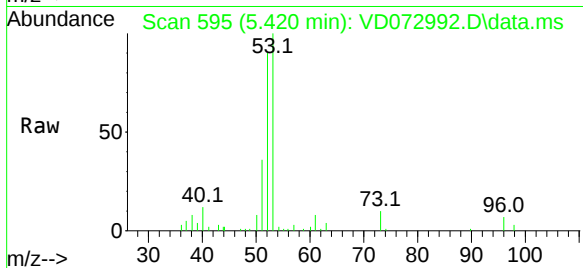




#15
Acrylonitrile
Concen: 85.023 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

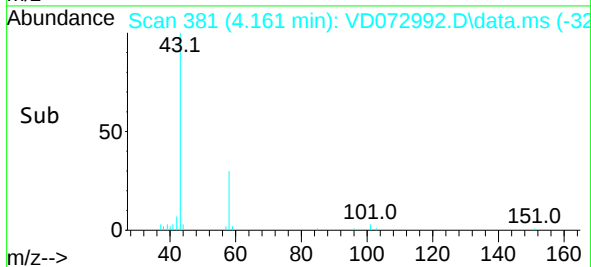
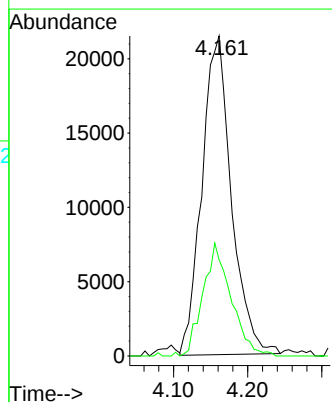
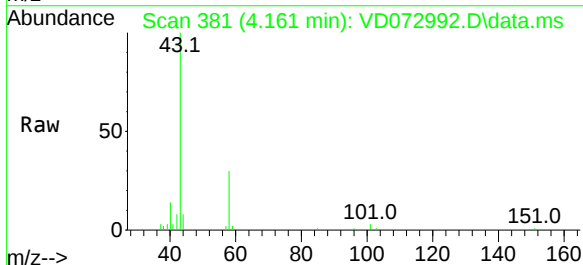
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

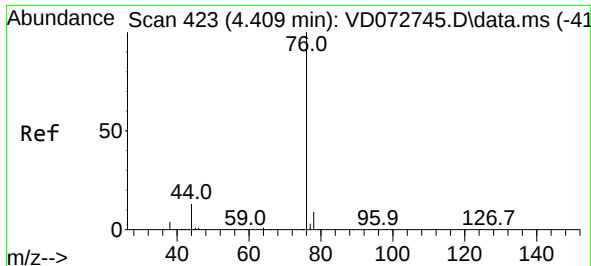
Tgt Ion: 53 Resp: 81261
Ion Ratio Lower Upper
53 100
52 80.0 67.2 100.8
51 37.4 30.3 45.5



#16
Acetone
Concen: 68.655 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 43 Resp: 59452
Ion Ratio Lower Upper
43 100
58 30.3 22.1 33.1

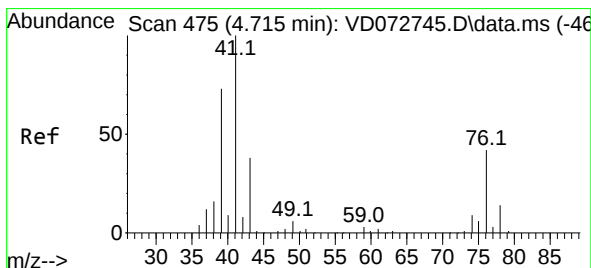
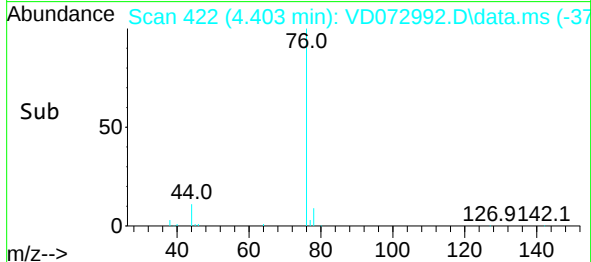
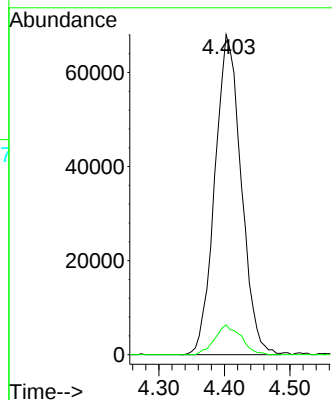
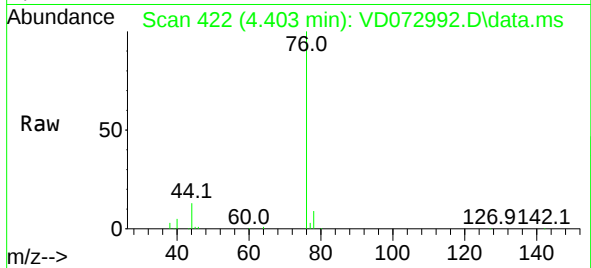




#17
Carbon Disulfide
Concen: 16.125 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

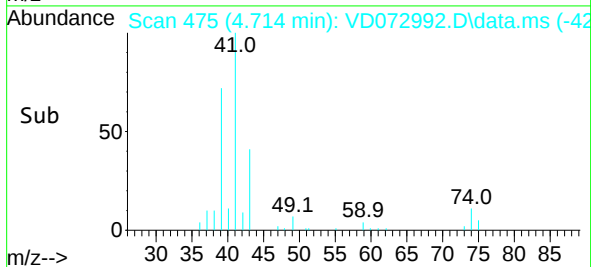
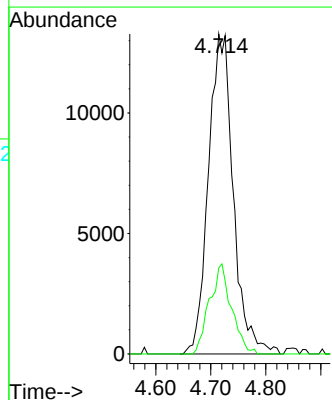
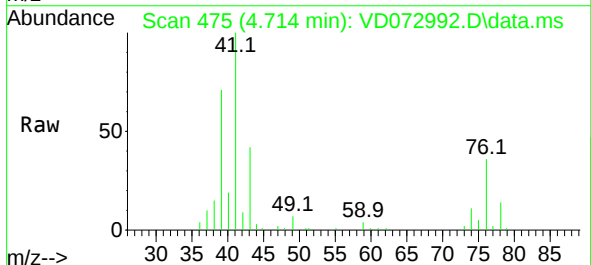
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

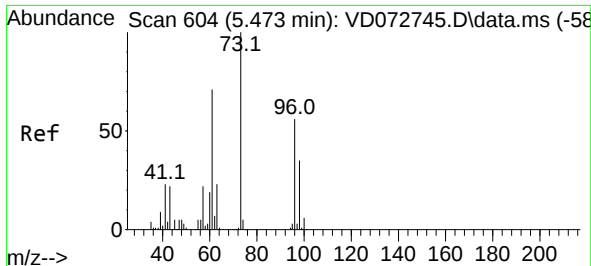
Tgt Ion: 76 Resp: 189929
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 18.857 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 43 Resp: 41714
Ion Ratio Lower Upper
43 100
74 24.9 16.7 25.1

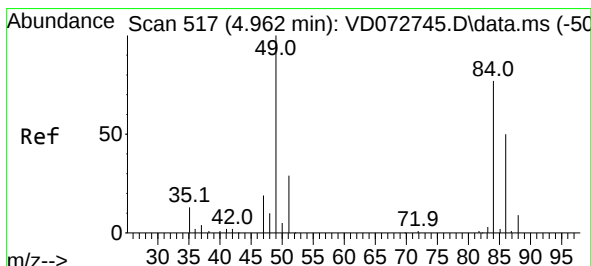
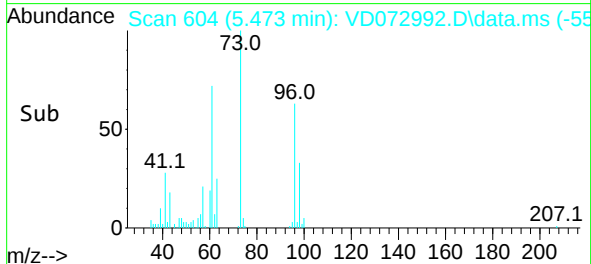
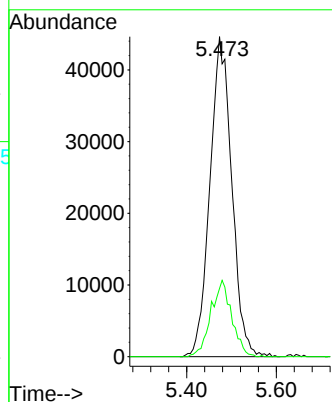
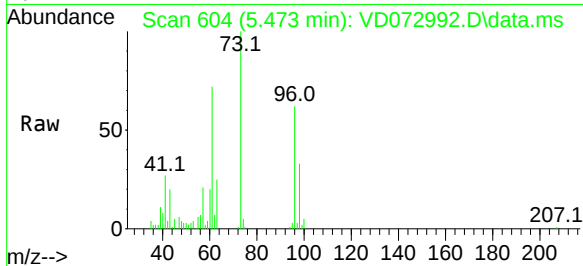




#19
Methyl tert-butyl Ether
Concen: 16.809 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

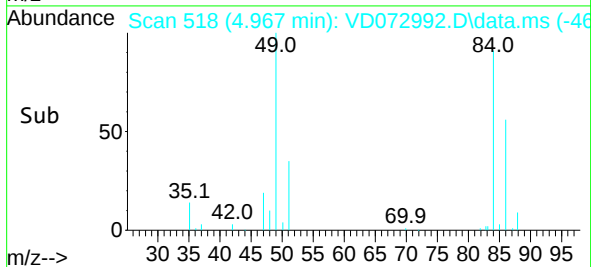
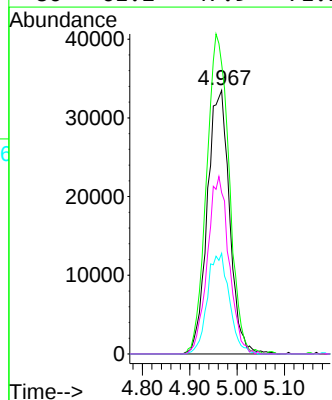
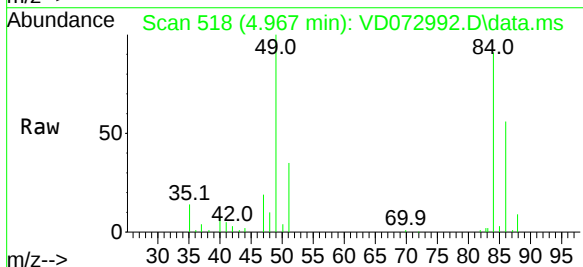
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBS01

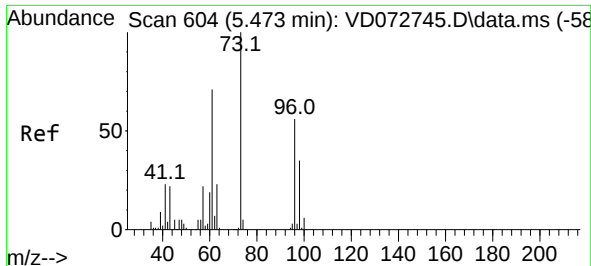
Tgt Ion: 73 Resp: 150949
Ion Ratio Lower Upper
73 100
57 21.4 18.0 27.0



#20
Methylene Chloride
Concen: 18.659 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 84 Resp: 109023
Ion Ratio Lower Upper
84 100
49 110.1 112.8 169.2#
51 38.2 32.6 48.8
86 61.2 47.9 71.9

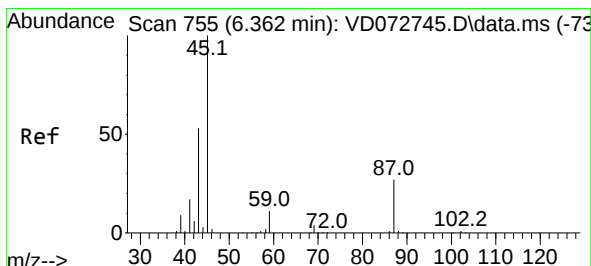
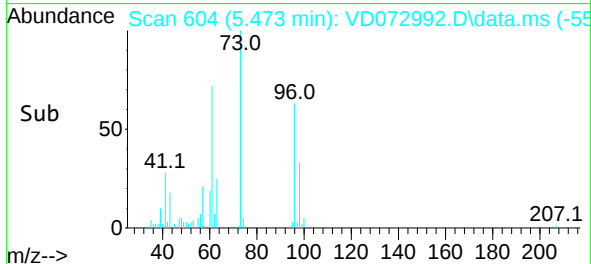
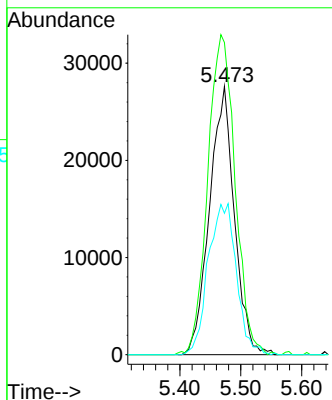
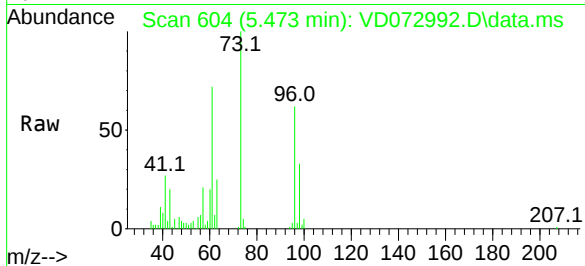




#21
trans-1,2-Dichloroethene
Concen: 18.241 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

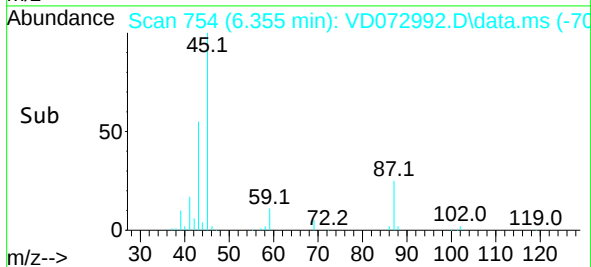
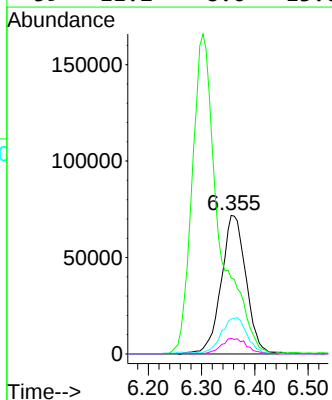
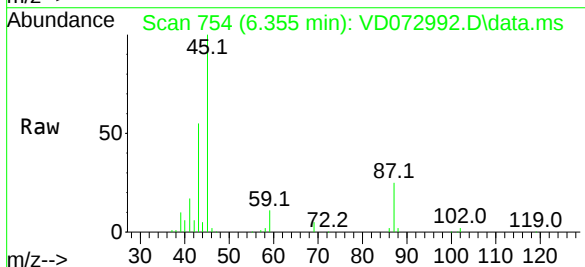
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

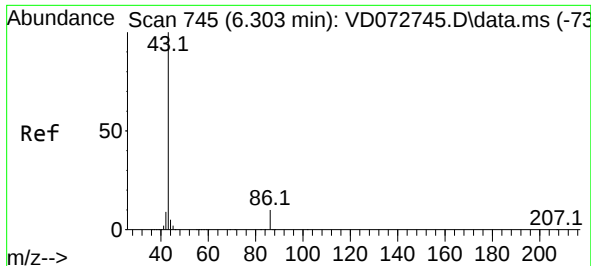
Tgt Ion: 96 Resp: 78364
Ion Ratio Lower Upper
96 100
61 116.4 117.9 176.9#
98 52.7 49.4 74.2



#22
Diisopropyl ether
Concen: 17.433 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.007 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 45 Resp: 231929
Ion Ratio Lower Upper
45 100
43 53.2 46.6 70.0
87 25.0 18.4 27.6
59 11.2 8.6 13.0

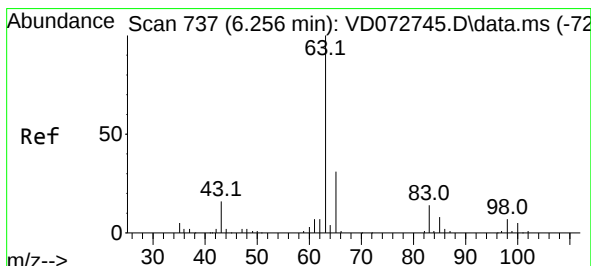
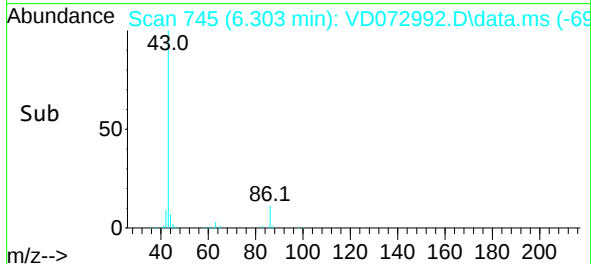
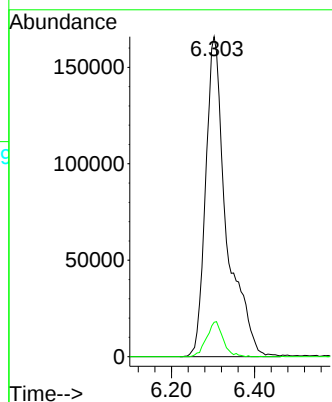
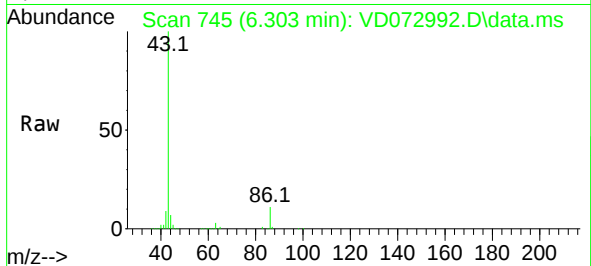




#23
 Vinyl Acetate
 Concen: 78.819 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072992.D
 Acq: 13 May 2022 16:26

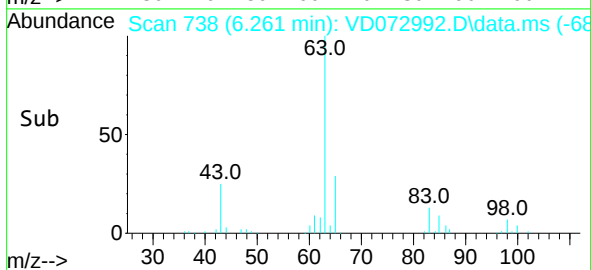
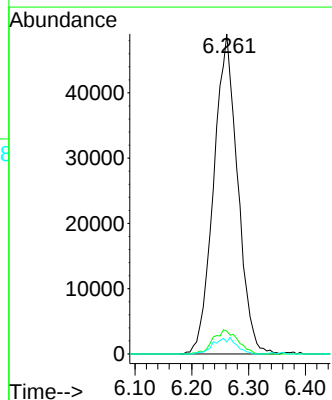
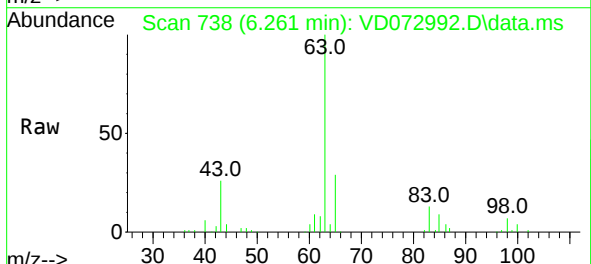
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

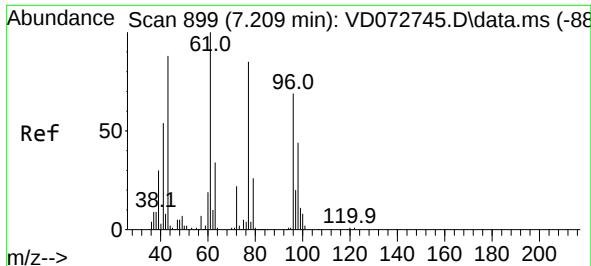
Tgt Ion: 43 Resp: 579251
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 17.993 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.005 min
 Lab File: VD072992.D
 Acq: 13 May 2022 16:26

Tgt Ion: 63 Resp: 143815
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.6 10.9
 100 3.8 2.1 6.5

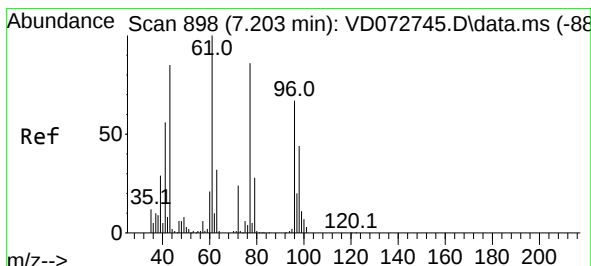
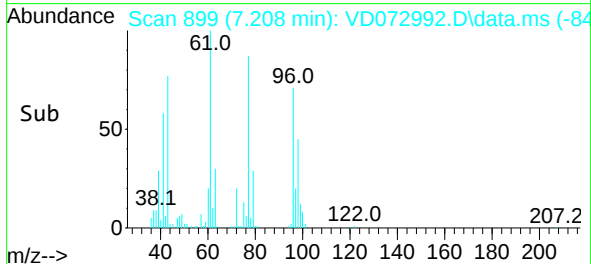
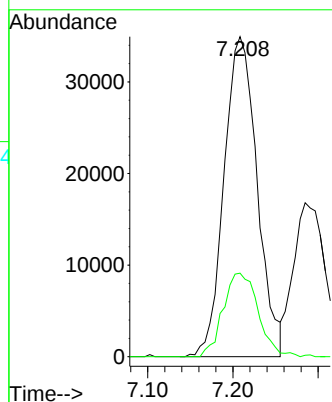
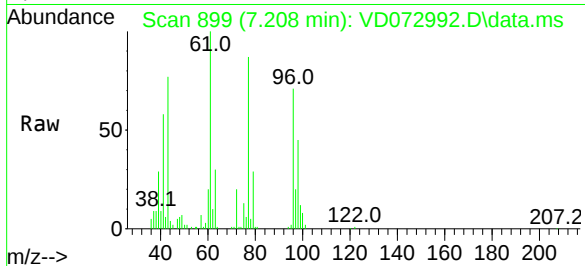




#25
2-Butanone
Concen: 80.267 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

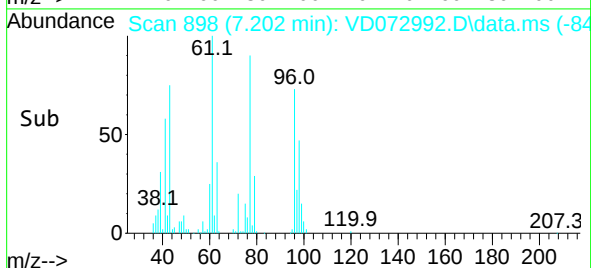
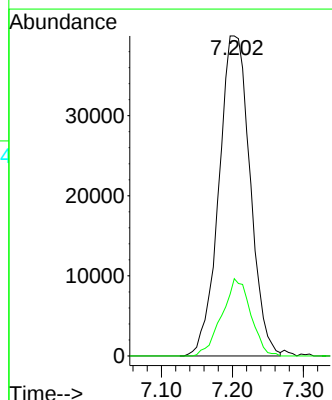
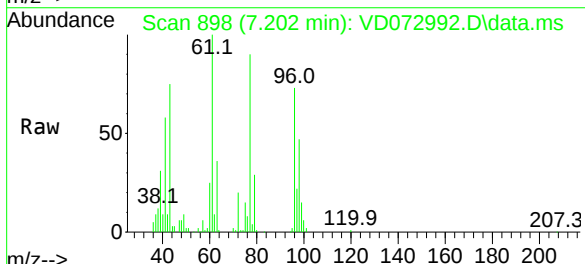
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

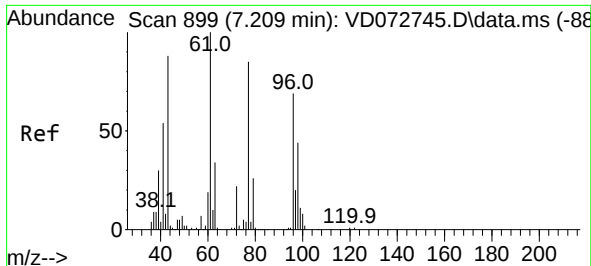
Tgt Ion: 43 Resp: 94310
Ion Ratio Lower Upper
43 100
72 26.1 18.6 27.8



#26
2,2-Dichloropropane
Concen: 17.992 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 77 Resp: 121572
Ion Ratio Lower Upper
77 100
97 22.3 10.8 32.4

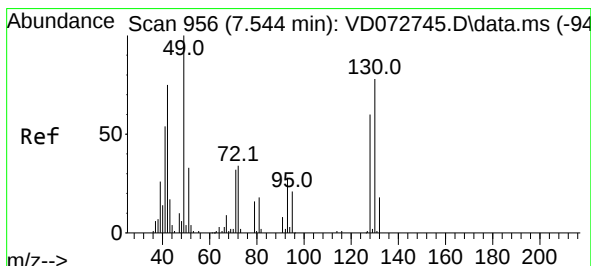
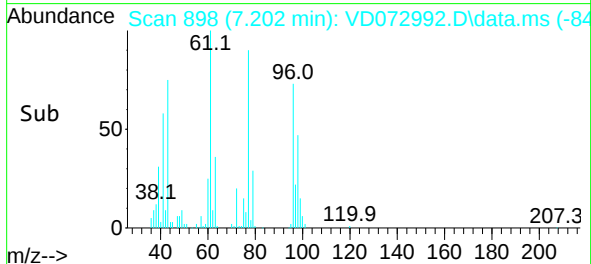
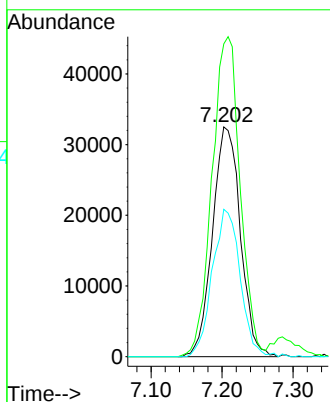
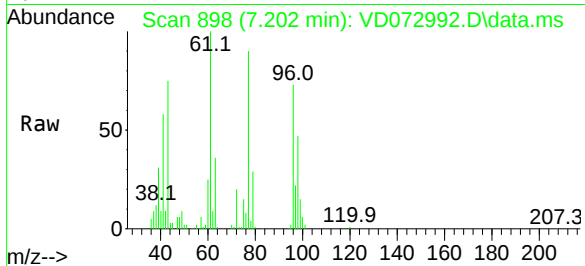




#27
 cis-1,2-Dichloroethene
 Concen: 17.989 ug/l
 RT: 7.202 min Scan# 899
 Delta R.T. -0.007 min
 Lab File: VD072992.D
 Acq: 13 May 2022 16:26

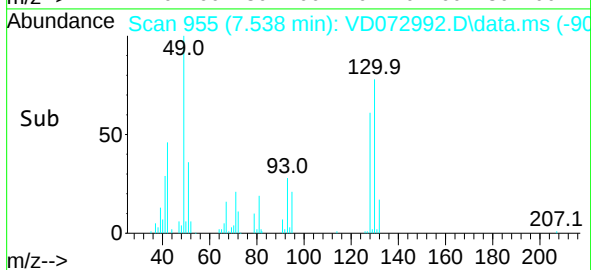
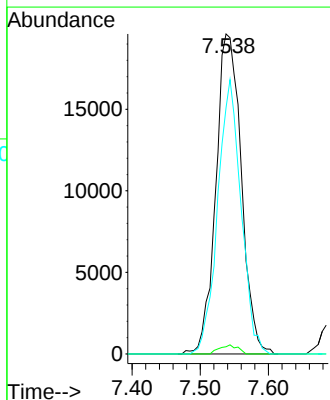
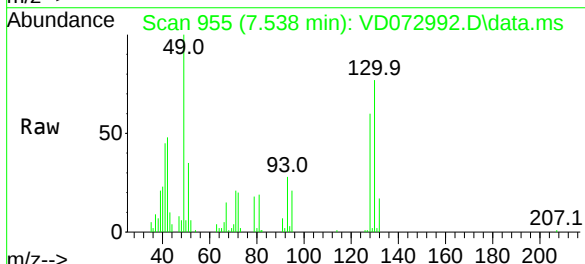
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBSD01

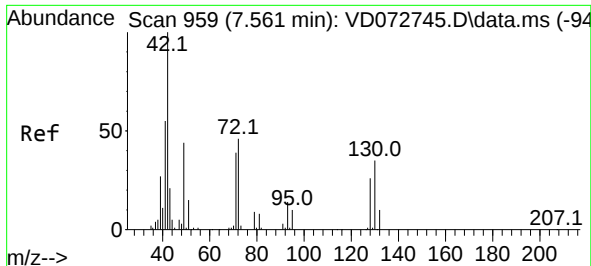
Tgt Ion: 96 Resp: 88514
 Ion Ratio Lower Upper
 96 100
 61 140.8 0.0 313.8
 98 64.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 17.072 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD072992.D
 Acq: 13 May 2022 16:26

Tgt Ion: 49 Resp: 50885
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 79.0 52.6 79.0





#29

Tetrahydrofuran

Concen: 79.859 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD01

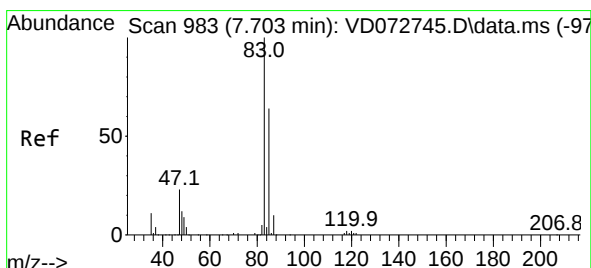
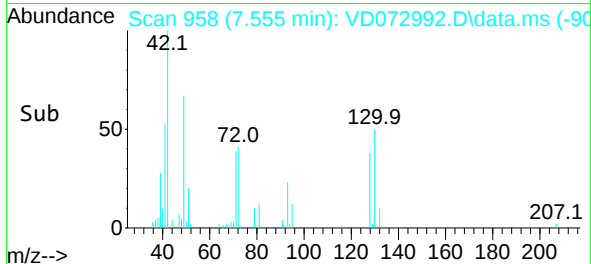
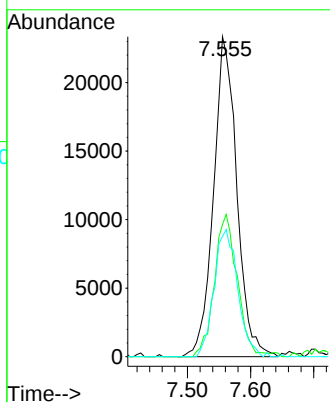
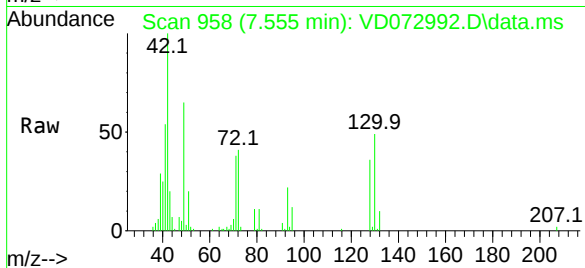
Tgt Ion: 42 Resp: 59808

Ion Ratio Lower Upper

42 100

72 44.0 30.7 46.1

71 40.3 28.6 43.0



#30

Chloroform

Concen: 17.888 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.001 min

Lab File: VD072992.D

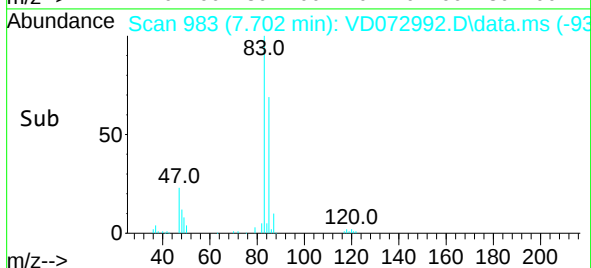
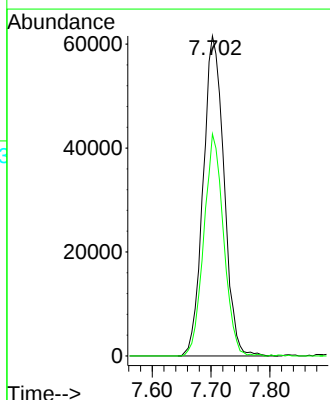
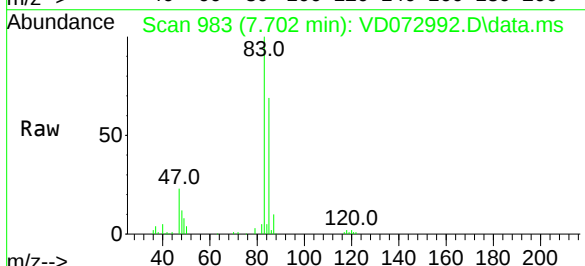
Acq: 13 May 2022 16:26

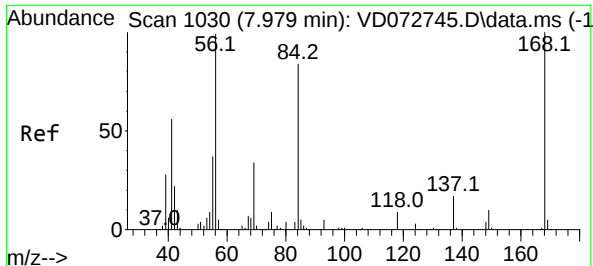
Tgt Ion: 83 Resp: 151287

Ion Ratio Lower Upper

83 100

85 69.4 52.7 79.1





#31

Cyclohexane

Concen: 17.706 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD01

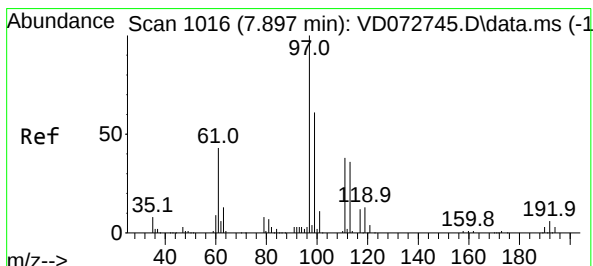
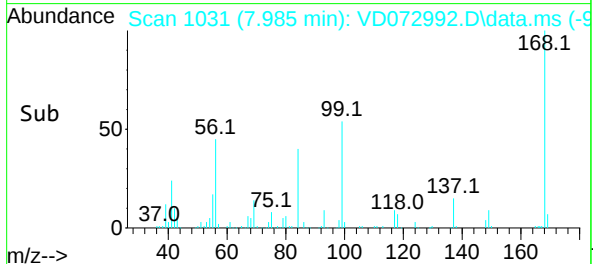
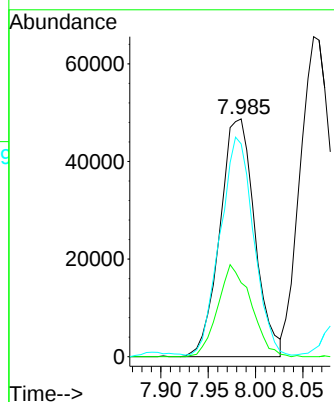
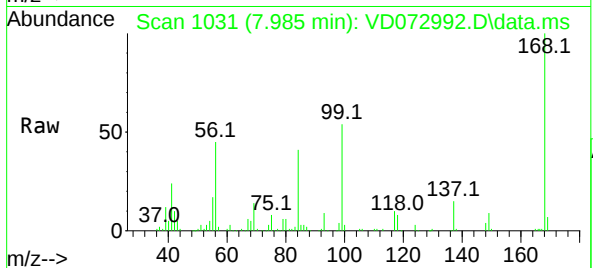
Tgt Ion: 56 Resp: 124812

Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.2

84 88.4 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 18.552 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

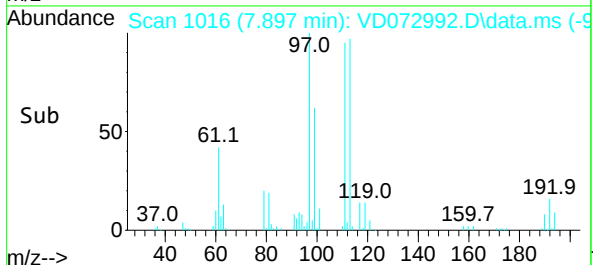
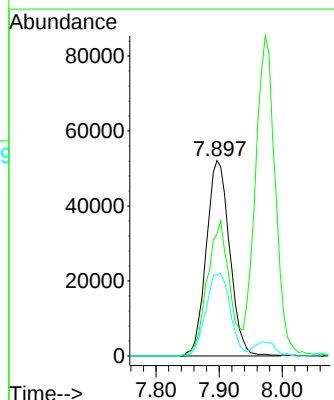
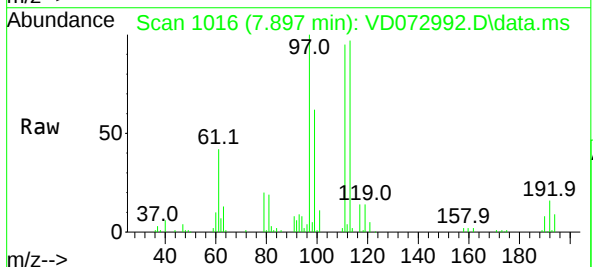
Tgt Ion: 97 Resp: 133719

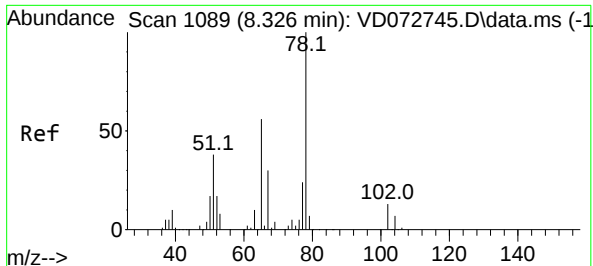
Ion Ratio Lower Upper

97 100

99 66.8 52.4 78.6

61 44.2 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 40.680 ug/l

RT: 8.326 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

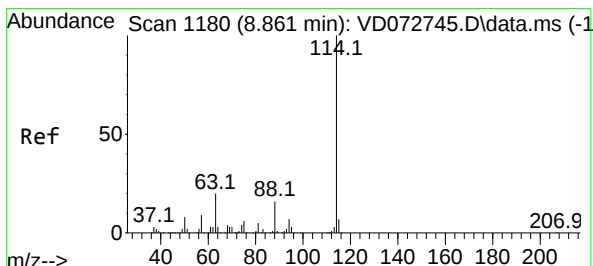
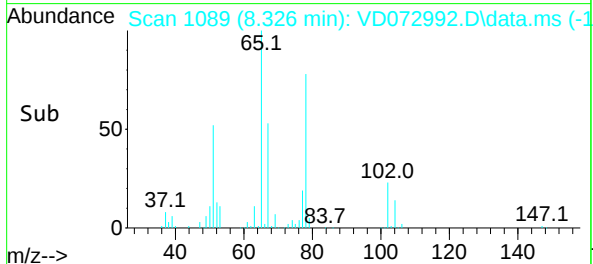
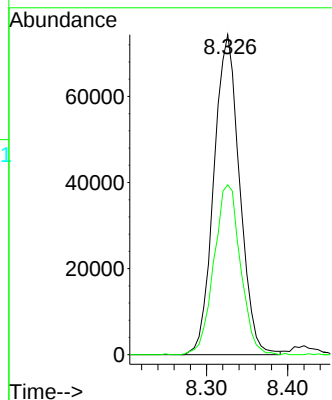
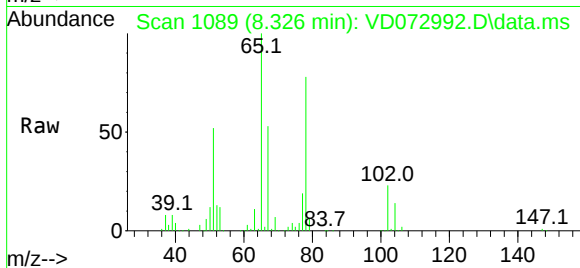
VD0513SBSD01

Tgt Ion: 65 Resp: 164042

Ion Ratio Lower Upper

65 100

67 54.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

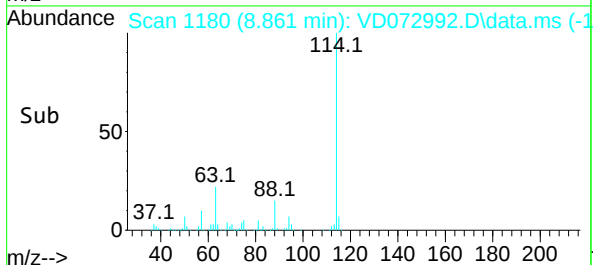
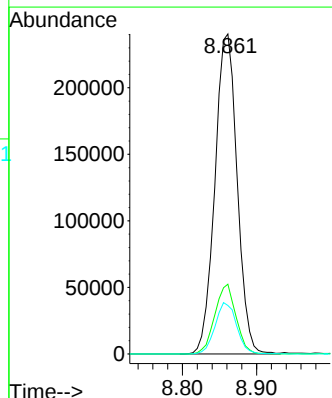
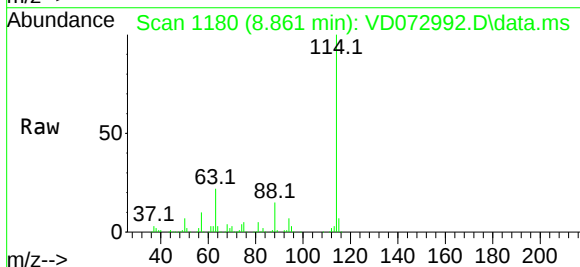
Tgt Ion: 114 Resp: 501644

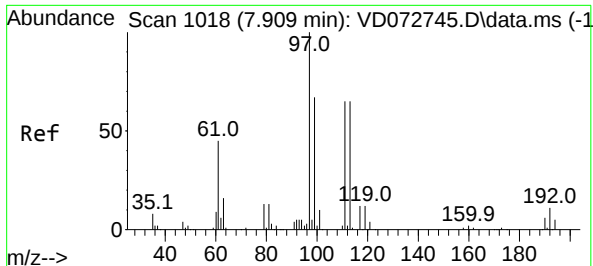
Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.152 ug/l

RT: 7.914 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD01

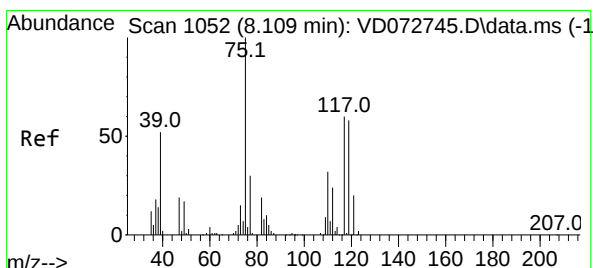
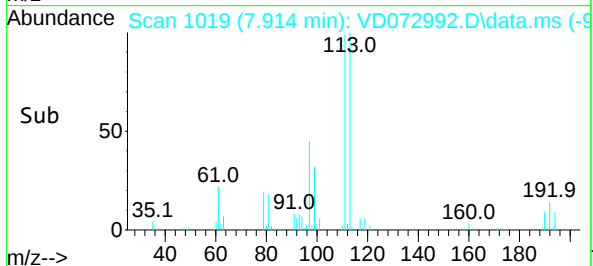
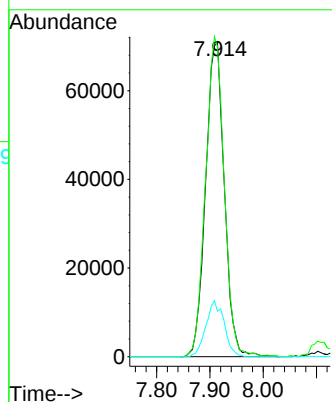
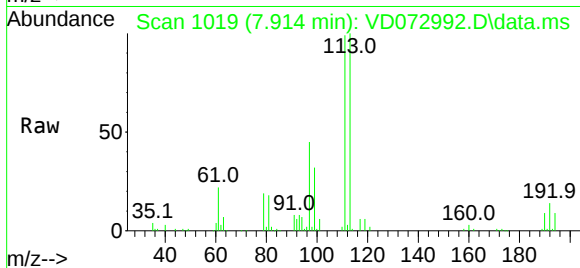
Tgt Ion:113 Resp: 173166

Ion Ratio Lower Upper

113 100

111 101.7 83.8 125.6

192 17.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 19.529 ug/l

RT: 8.102 min Scan# 1051

Delta R.T. -0.007 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

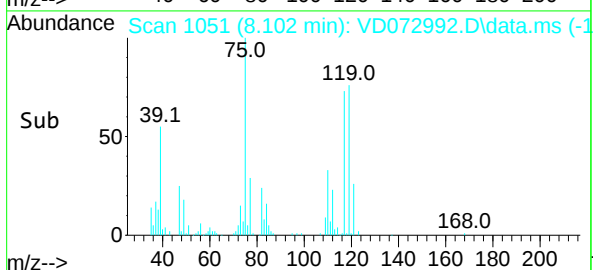
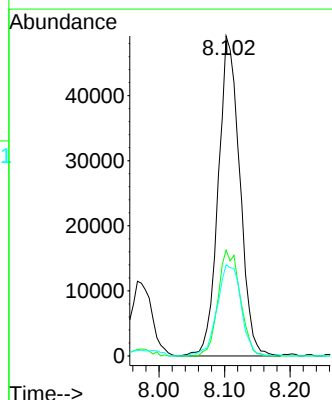
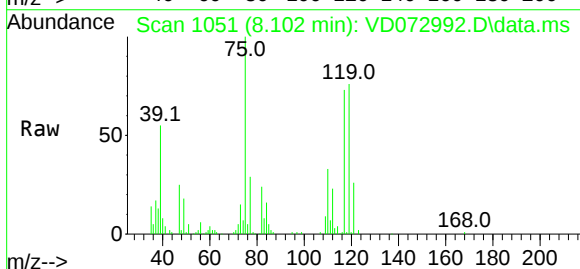
Tgt Ion: 75 Resp: 111873

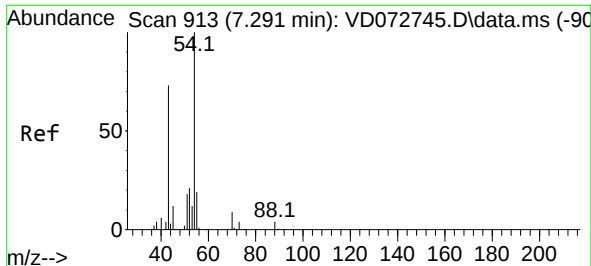
Ion Ratio Lower Upper

75 100

110 33.9 16.4 49.1

77 31.6 24.2 36.2





#37

Ethyl Acetate

Concen: 16.990 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS01

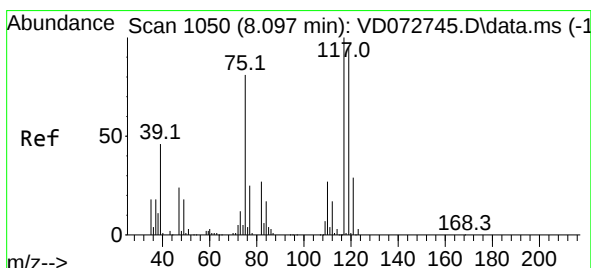
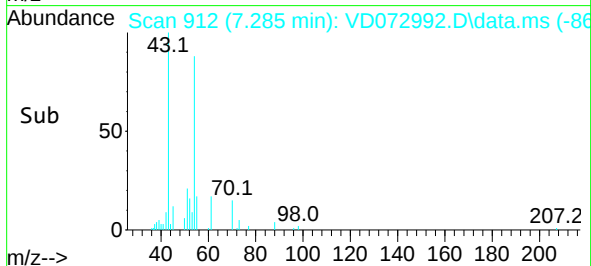
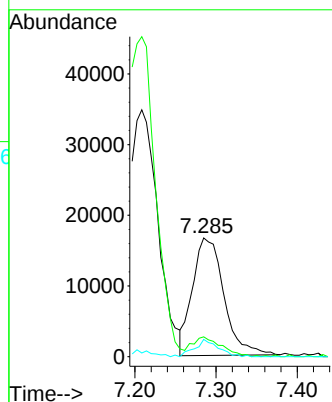
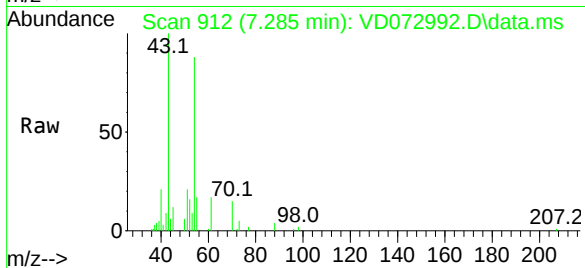
Tgt Ion: 43 Resp: 44742

Ion Ratio Lower Upper

43 100

61 15.7 9.8 14.8#

70 11.2 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 20.102 ug/l

RT: 8.085 min Scan# 1048

Delta R.T. -0.012 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

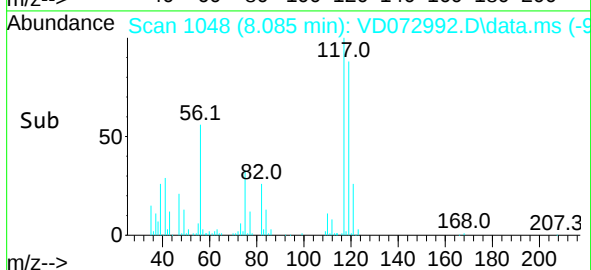
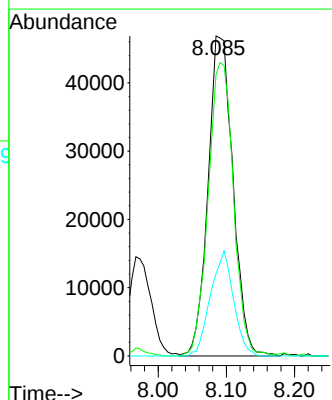
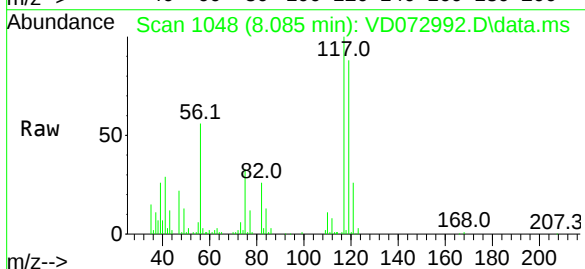
Tgt Ion: 117 Resp: 119542

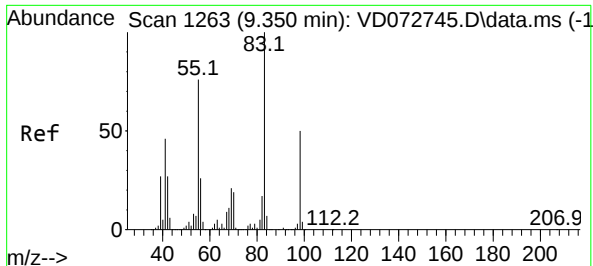
Ion Ratio Lower Upper

117 100

119 88.0 75.8 113.6

121 25.7 24.5 36.7





#39

Methylcyclohexane

Concen: 18.481 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD01

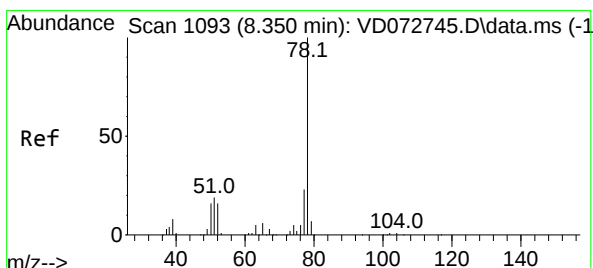
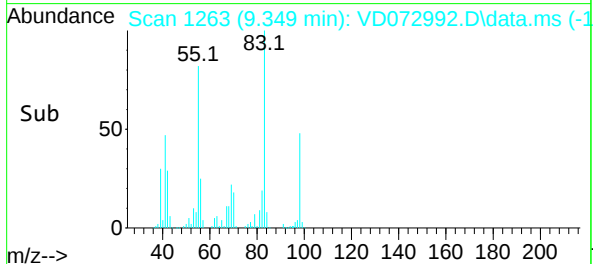
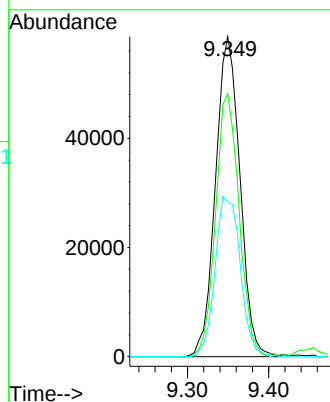
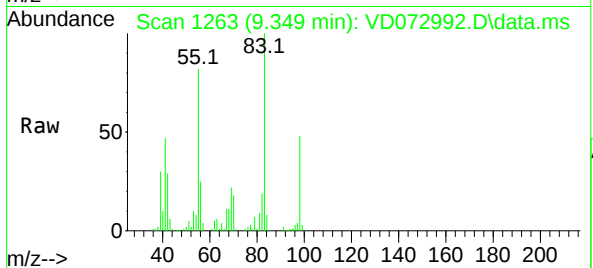
Tgt Ion: 83 Resp: 122802

Ion Ratio Lower Upper

83 100

55 82.1 63.2 94.8

98 48.3 38.2 57.4



#40

Benzene

Concen: 19.224 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD072992.D

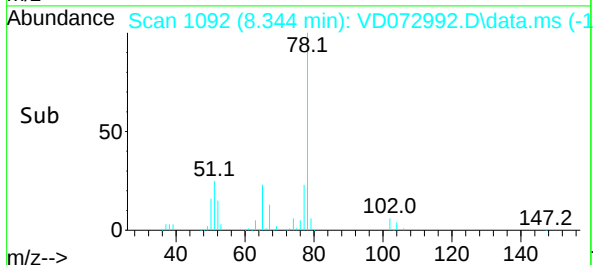
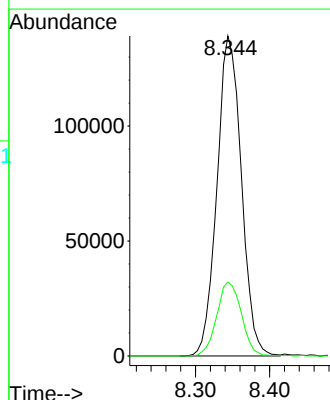
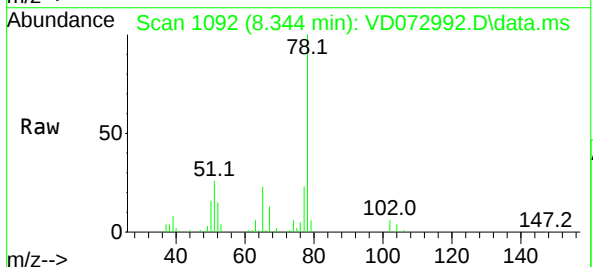
Acq: 13 May 2022 16:26

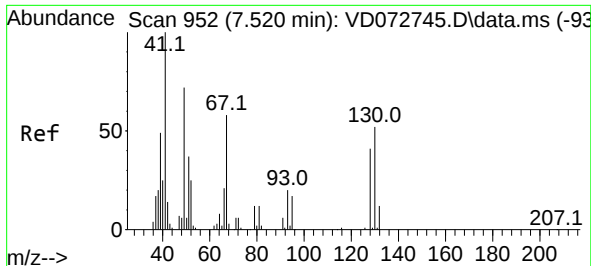
Tgt Ion: 78 Resp: 318028

Ion Ratio Lower Upper

78 100

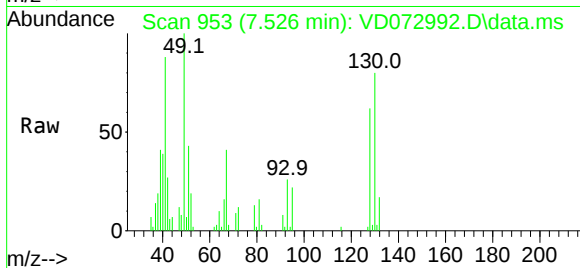
77 23.1 19.1 28.7



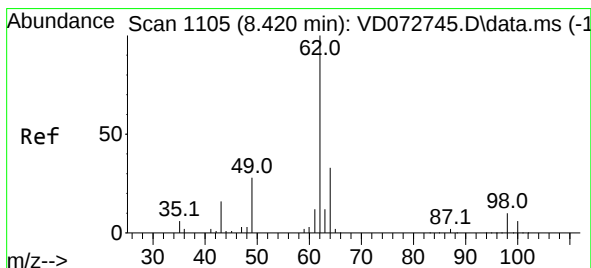
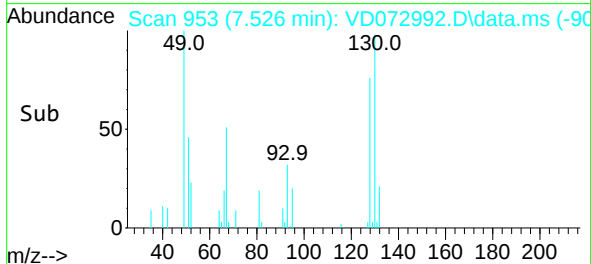
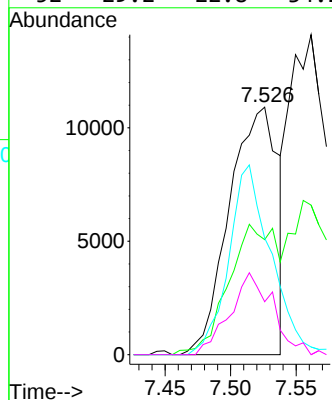


#41
Methacrylonitrile
Concen: 17.897 ug/l
RT: 7.526 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

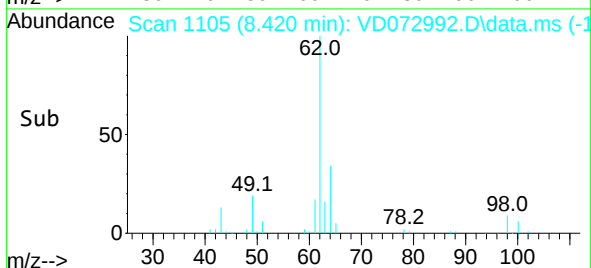
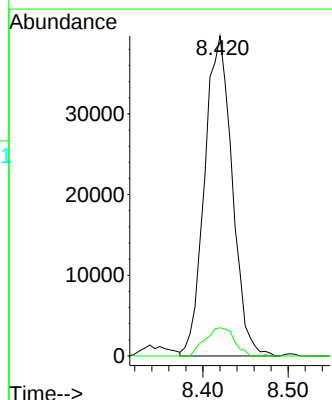
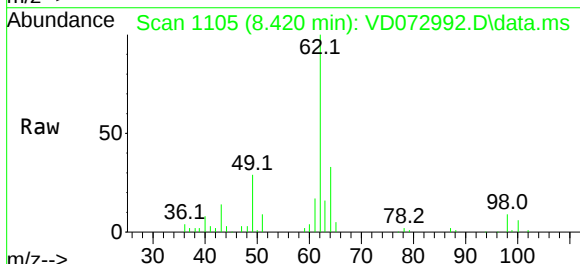


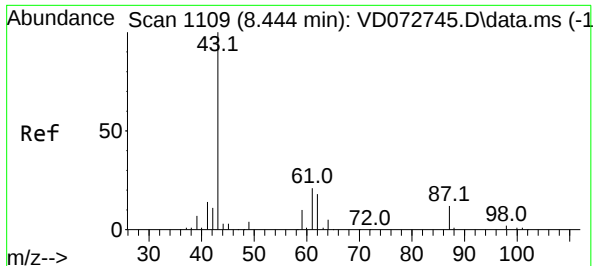
Tgt Ion:	41	Resp:	28063
Ion	Ratio	Lower	Upper
41	100		
39	52.4	44.6	67.0
67	67.1	48.2	72.4
52	29.2	22.8	34.2



#42
1,2-Dichloroethane
Concen: 17.891 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion:	62	Resp:	89192
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	17.6





#43

Isopropyl Acetate

Concen: 17.393 ug/l

RT: 8.449 min Scan# 1109

Delta R.T. 0.005 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBS01

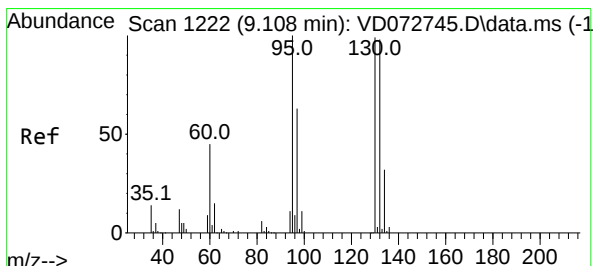
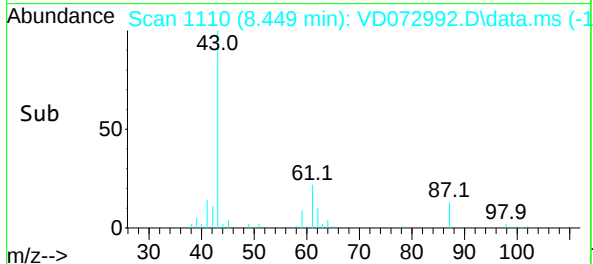
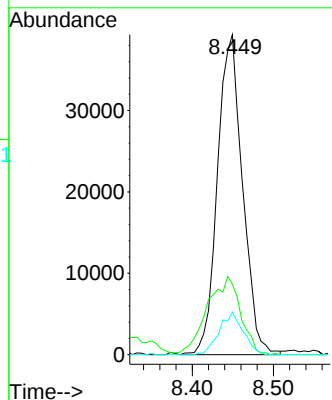
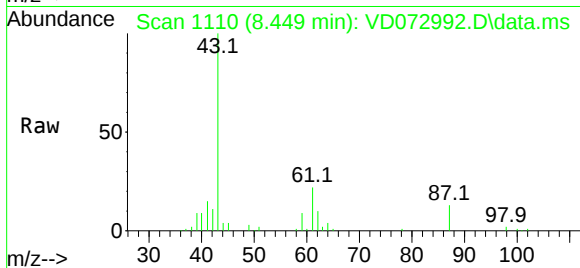
Tgt Ion: 43 Resp: 84543

Ion Ratio Lower Upper

43 100

61 32.5 22.4 33.6

87 12.7 8.7 13.1



#44

Trichloroethene

Concen: 19.450 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD072992.D

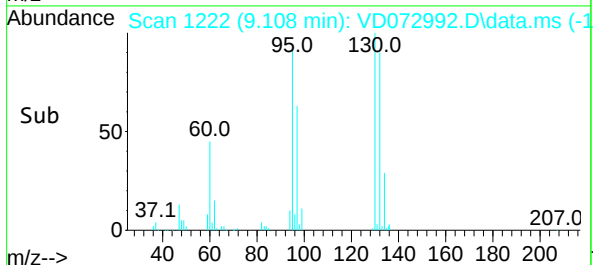
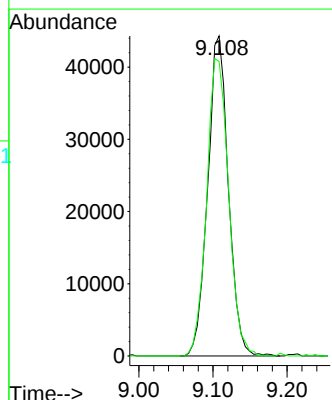
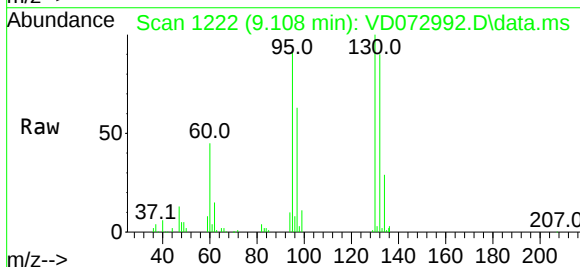
Acq: 13 May 2022 16:26

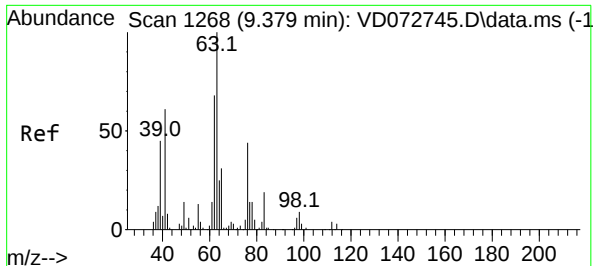
Tgt Ion:130 Resp: 86083

Ion Ratio Lower Upper

130 100

95 92.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 18.866 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

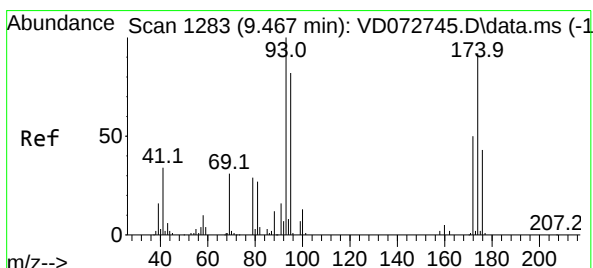
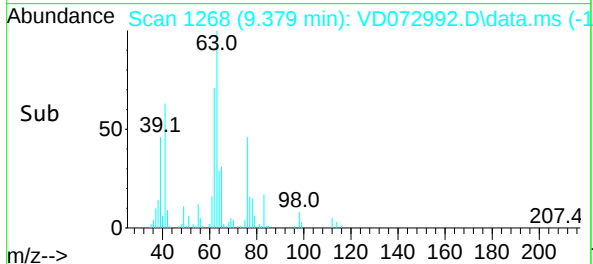
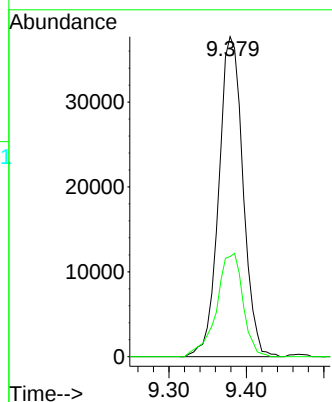
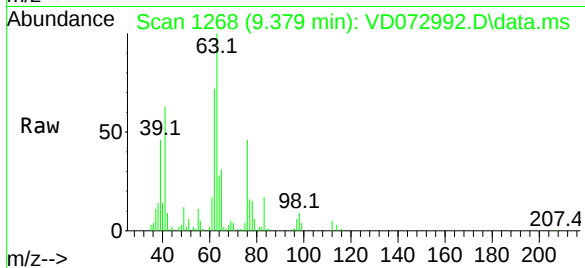
VD0513SBS01

Tgt Ion: 63 Resp: 81964

Ion Ratio Lower Upper

63 100

65 31.3 26.2 39.4



#46

Dibromomethane

Concen: 18.302 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

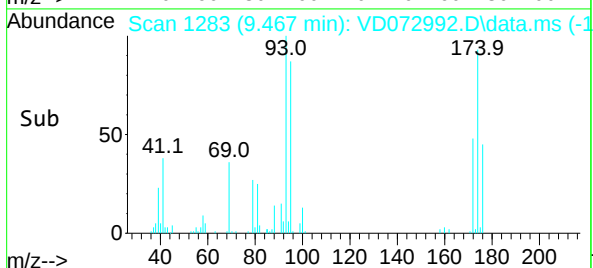
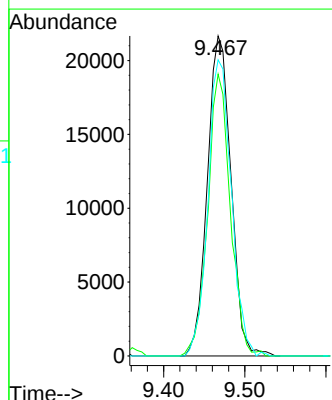
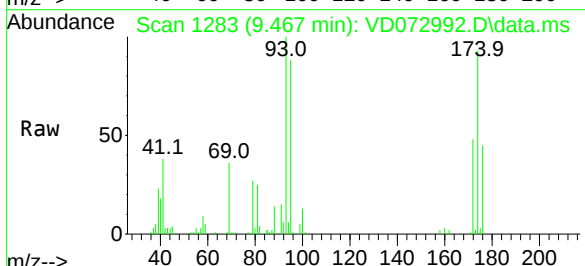
Tgt Ion: 93 Resp: 43862

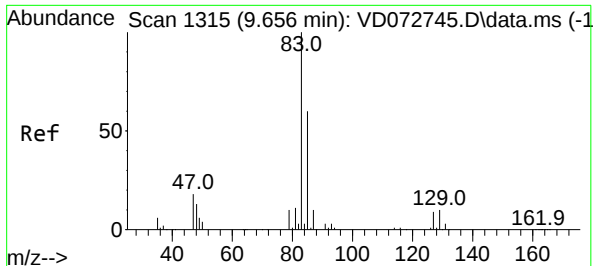
Ion Ratio Lower Upper

93 100

95 84.2 66.7 100.1

174 91.8 71.6 107.4

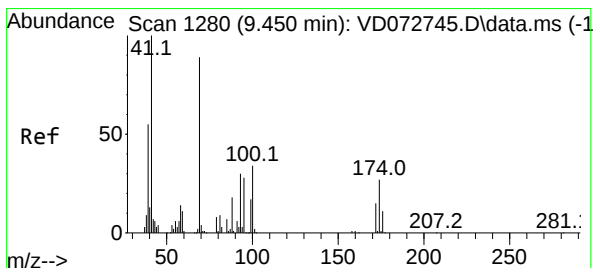
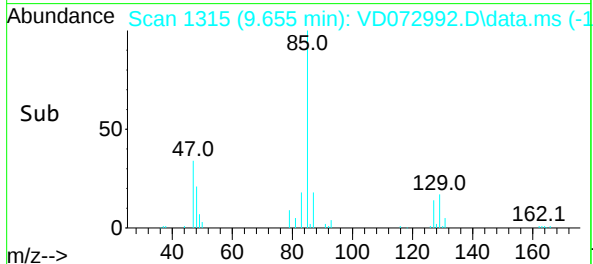
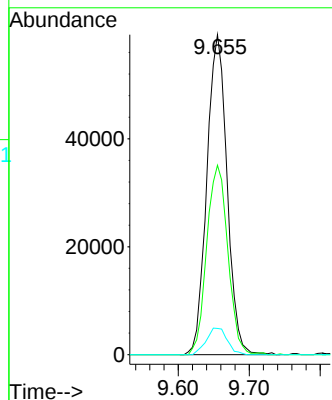
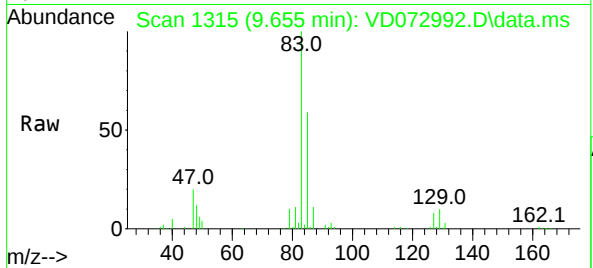




#47
Bromodichloromethane
Concen: 19.041 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

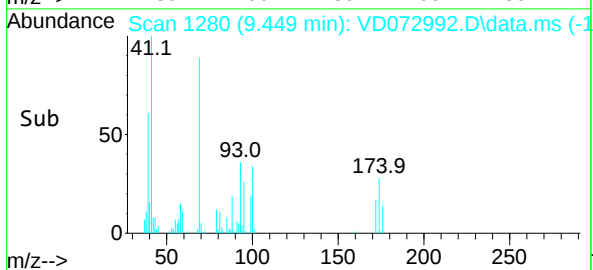
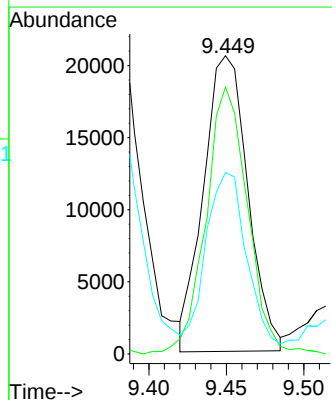
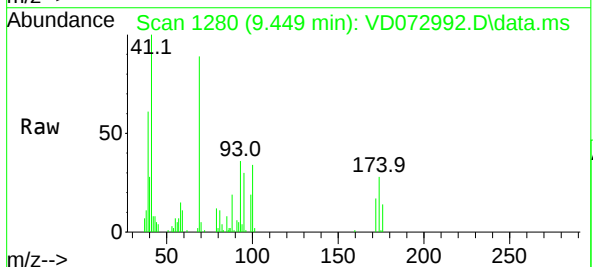
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

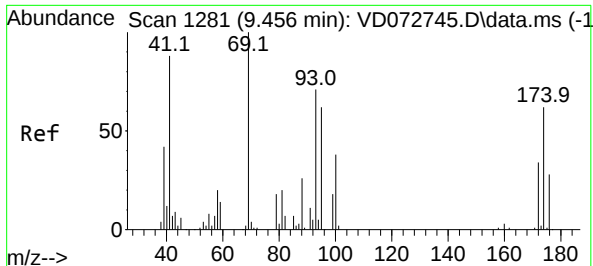
Tgt Ion: 83 Resp: 117392
Ion Ratio Lower Upper
83 100
85 59.2 51.4 77.0
127 8.2 6.1 9.1



#48
Methyl methacrylate
Concen: 17.129 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 41 Resp: 40730
Ion Ratio Lower Upper
41 100
69 85.1 56.7 85.1#
39 51.6 42.7 64.1

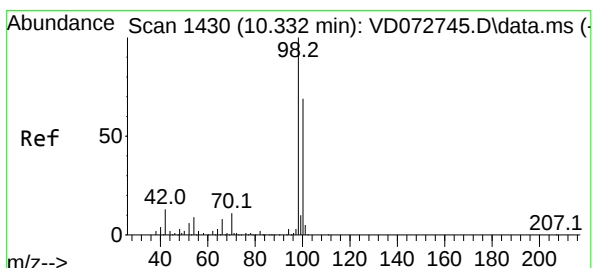
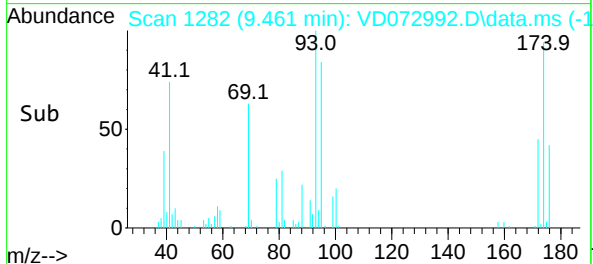
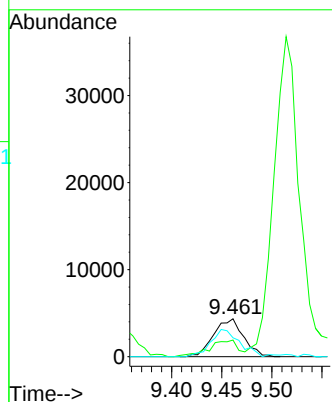
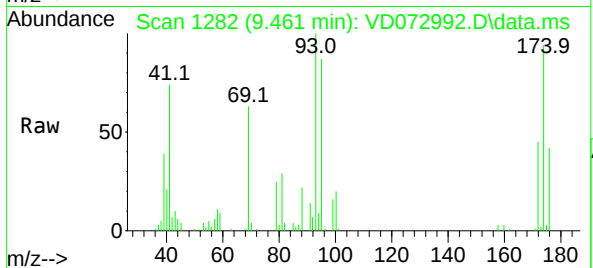




#49
1,4-Dioxane
Concen: 333.043 ug/l
RT: 9.461 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

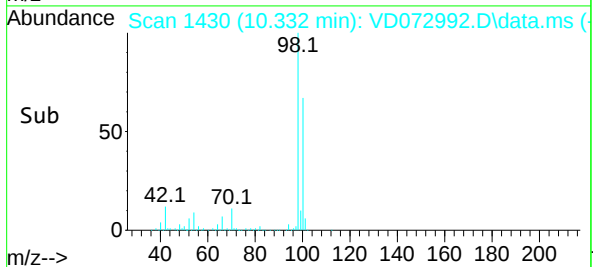
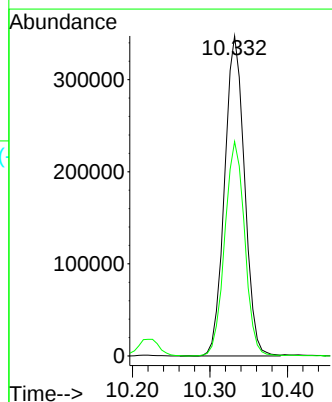
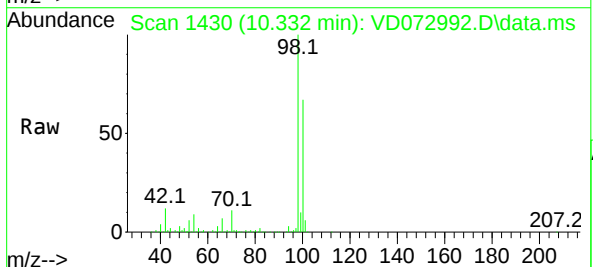
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

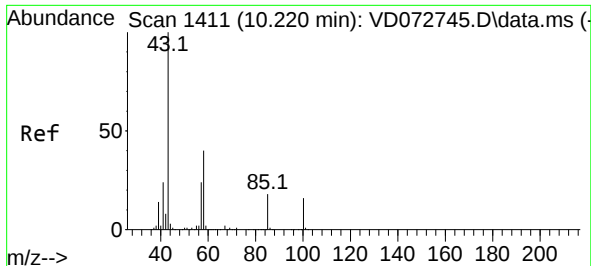
Tgt Ion: 88 Resp: 8988
Ion Ratio Lower Upper
88 100
43 42.5 31.0 46.4
58 70.5 58.1 87.1



#50
Toluene-d8
Concen: 49.151 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 98 Resp: 621159
Ion Ratio Lower Upper
98 100
100 67.1 52.4 78.6

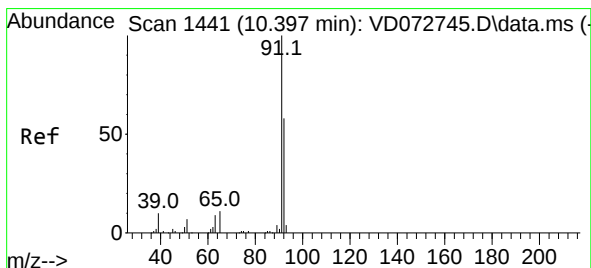
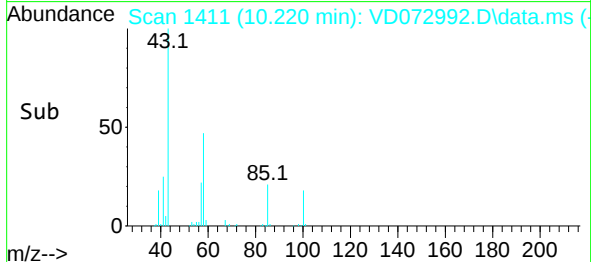
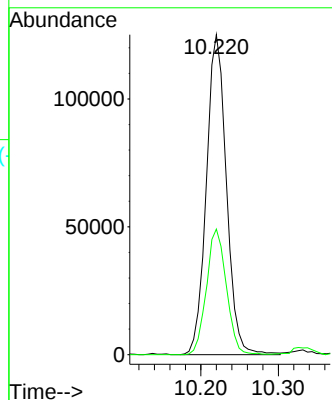
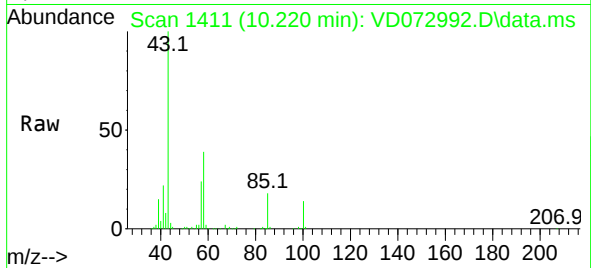




#51
4-Methyl-2-Pentanone
Concen: 89.321 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

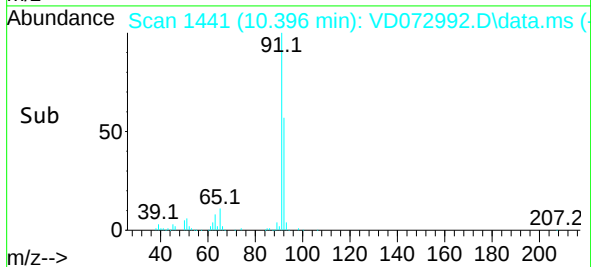
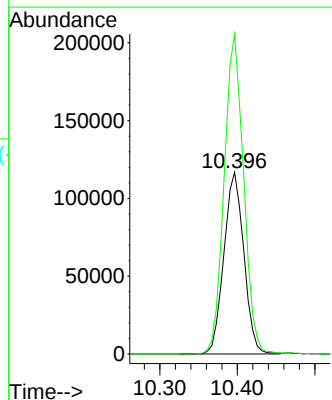
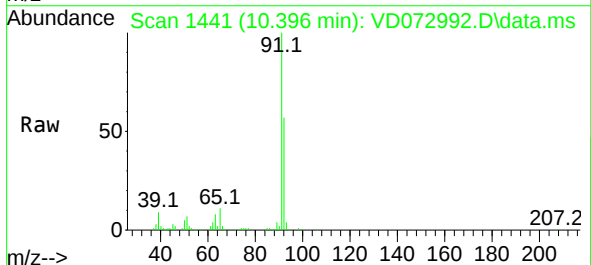
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

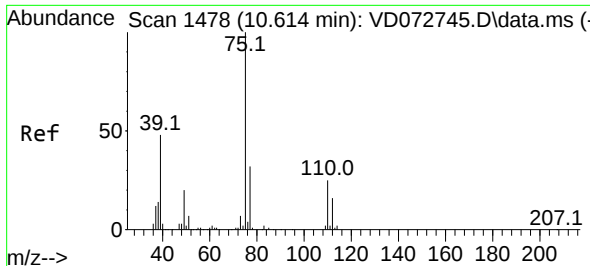
Tgt Ion: 43 Resp: 225604
Ion Ratio Lower Upper
43 100
58 39.0 28.6 43.0



#52
Toluene
Concen: 20.223 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 92 Resp: 208699
Ion Ratio Lower Upper
92 100
91 172.3 139.6 209.4

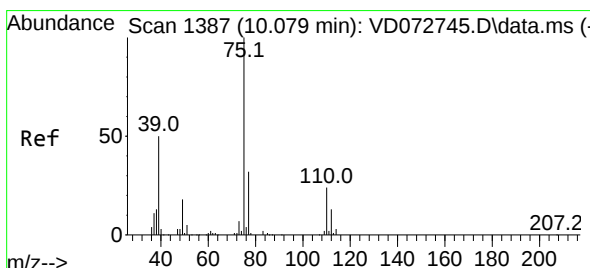
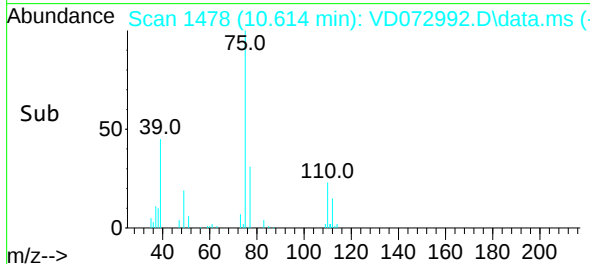
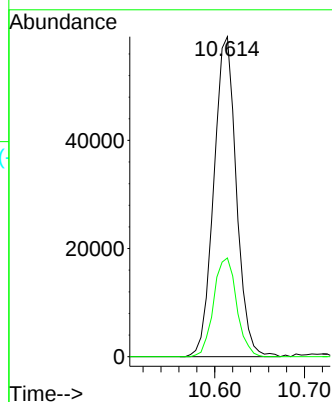
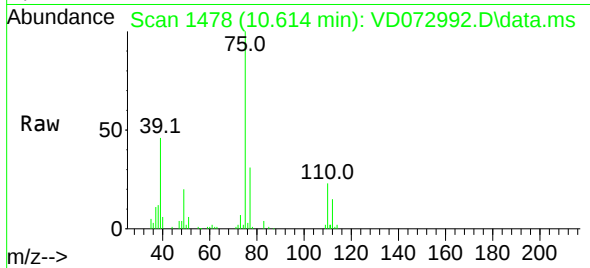




#53
t-1,3-Dichloropropene
Concen: 18.217 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

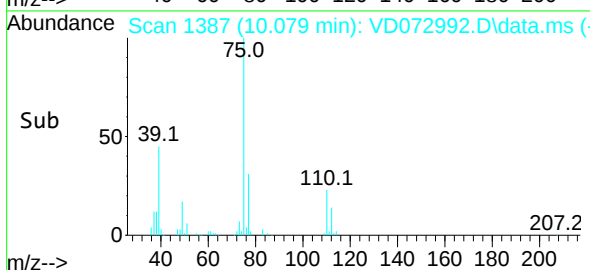
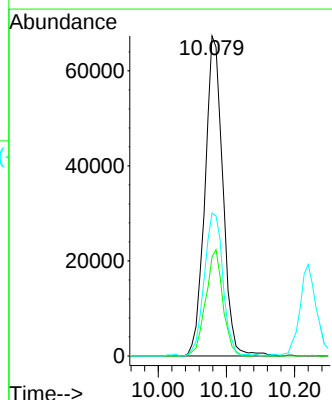
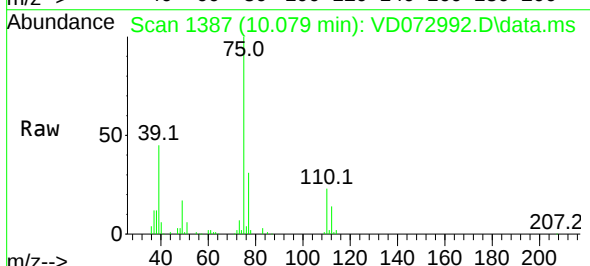
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

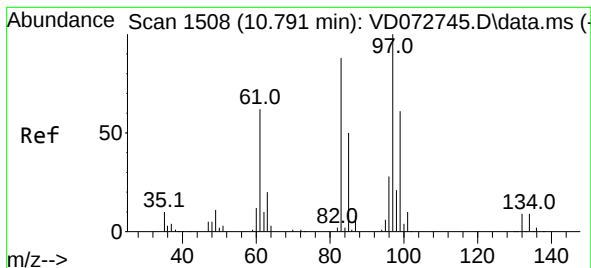
Tgt Ion: 75 Resp: 103163
Ion Ratio Lower Upper
75 100
77 30.8 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 18.666 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 75 Resp: 122806
Ion Ratio Lower Upper
75 100
77 30.9 24.8 37.2
39 44.7 46.8 70.2#

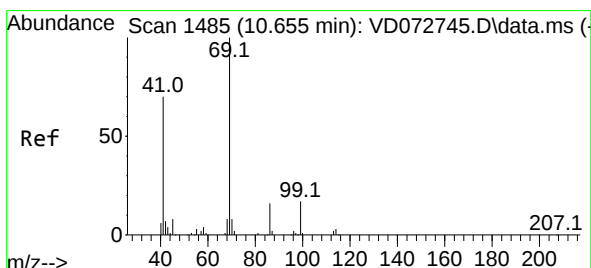
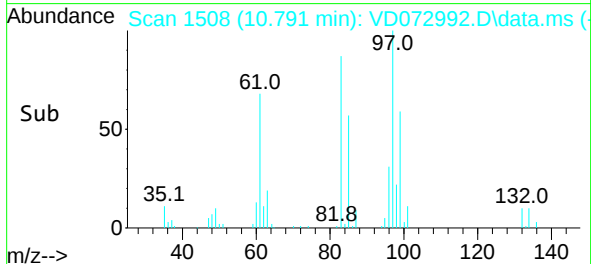
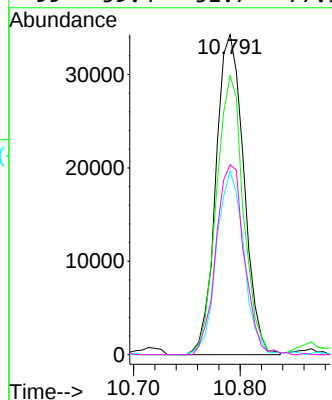
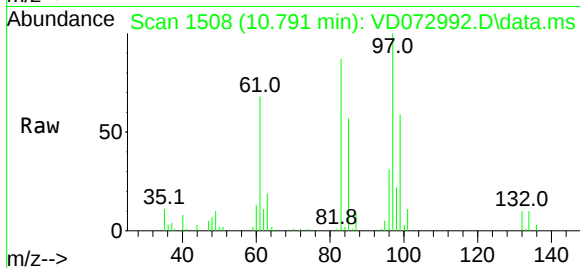




#55
1,1,2-Trichloroethane
Concen: 19.247 ug/l
RT: 10.791 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

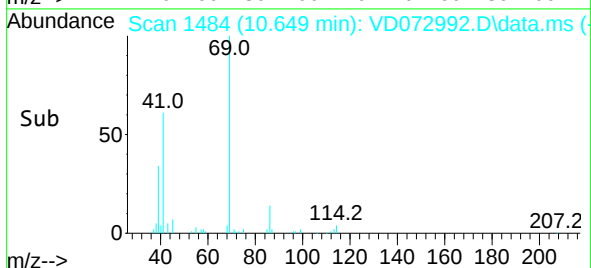
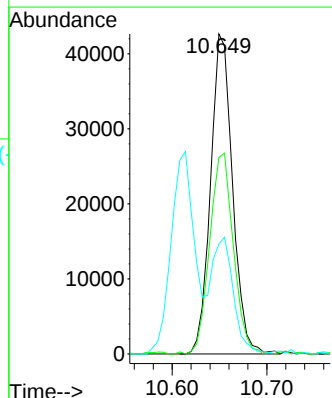
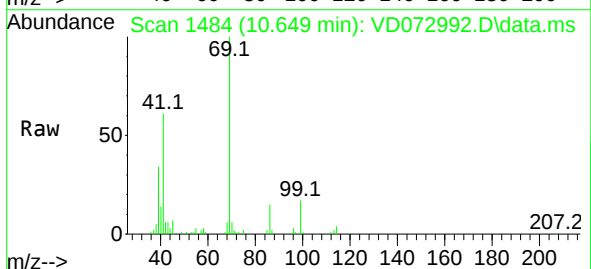
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

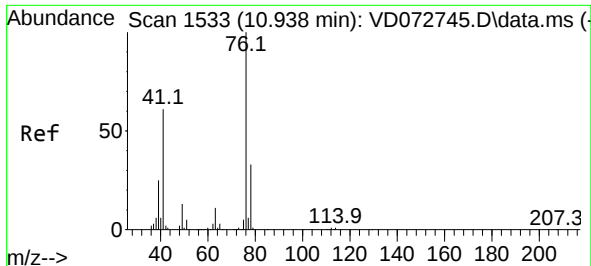
Tgt Ion: 97	Resp: 62358
Ion Ratio	Lower Upper
97 100	
83 87.1	69.0 103.4
85 57.5	42.6 63.8
99 59.4	51.7 77.5



#56
Ethyl methacrylate
Concen: 18.014 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 69	Resp: 68715
Ion Ratio	Lower Upper
69 100	
41 67.7	63.0 94.6
39 37.1	33.8 50.8

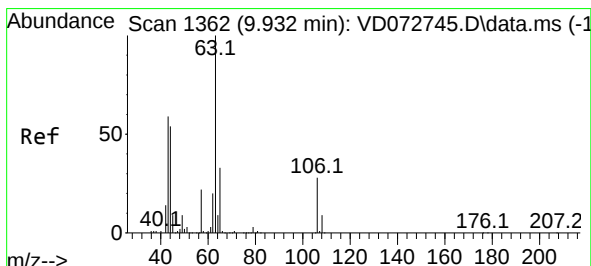
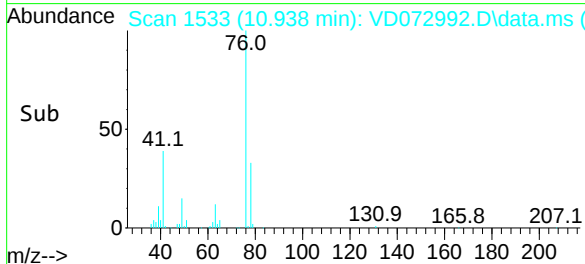
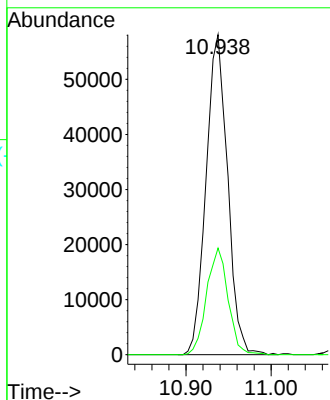
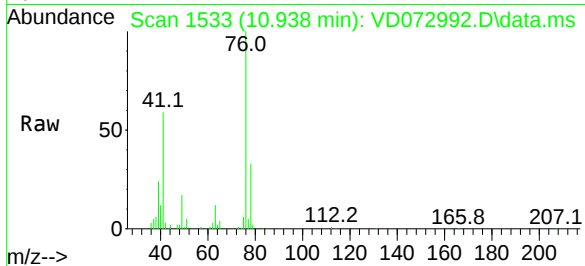




#57
1,3-Dichloropropane
Concen: 18.359 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

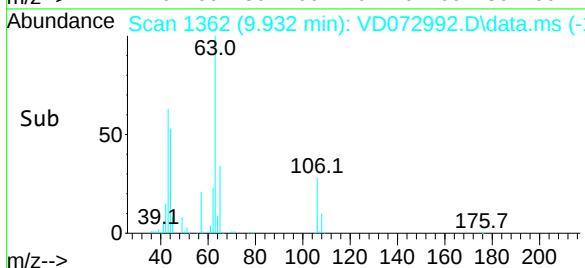
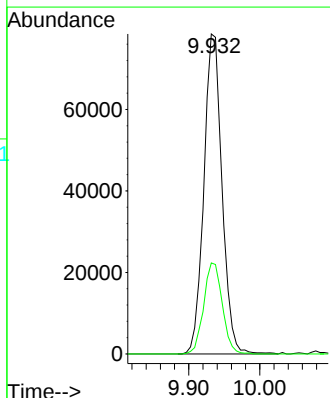
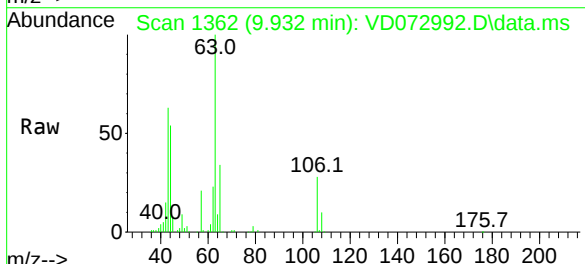
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

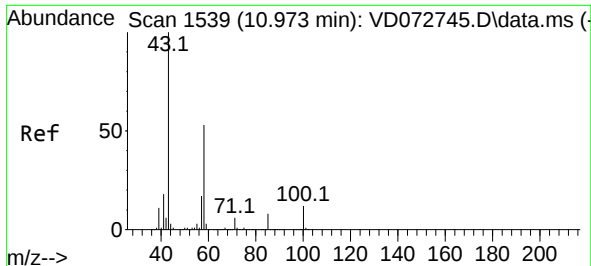
Tgt Ion: 76 Resp: 102073
Ion Ratio Lower Upper
76 100
78 33.1 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 75.517 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 63 Resp: 139667
Ion Ratio Lower Upper
63 100
106 29.2 21.4 32.0

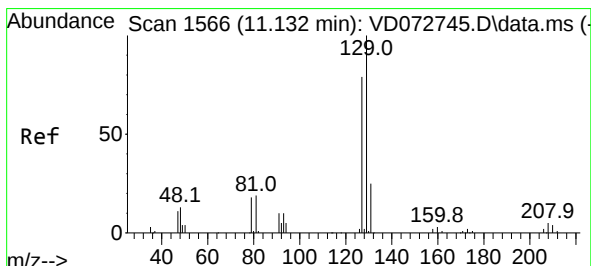
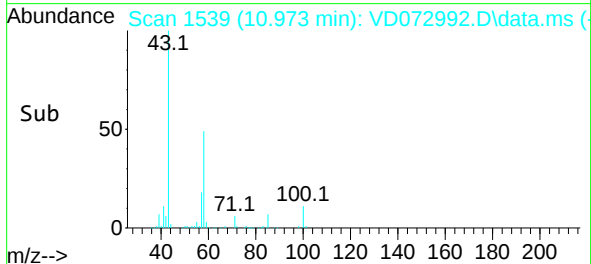
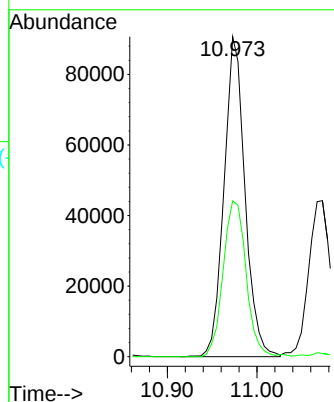
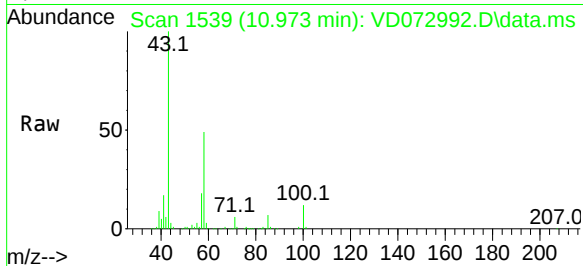




#59
2-Hexanone
Concen: 86.479 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

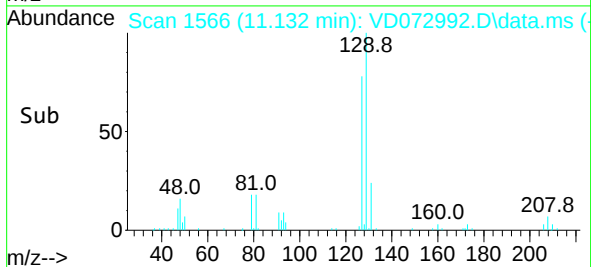
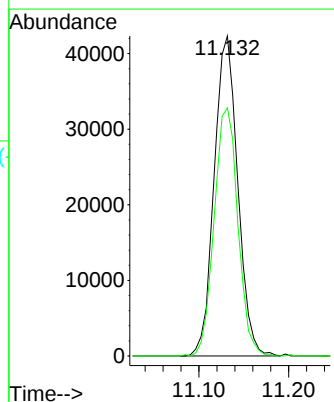
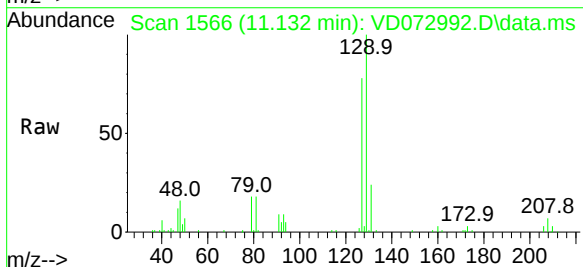
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

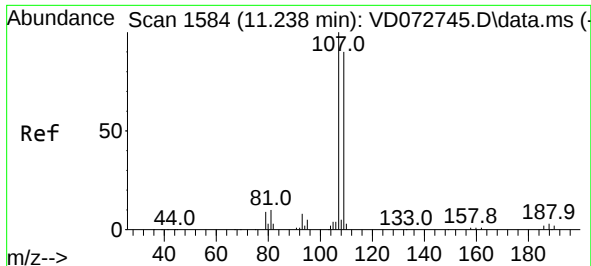
Tgt Ion: 43 Resp: 146976
Ion Ratio Lower Upper
43 100
58 53.4 25.3 75.9



#60
Dibromochloromethane
Concen: 18.938 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 129 Resp: 77237
Ion Ratio Lower Upper
129 100
127 77.9 39.2 117.6

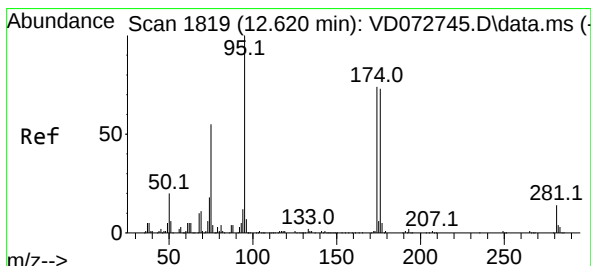
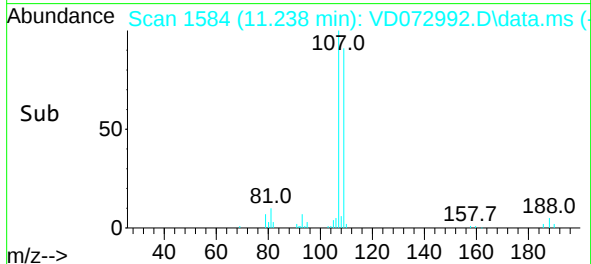
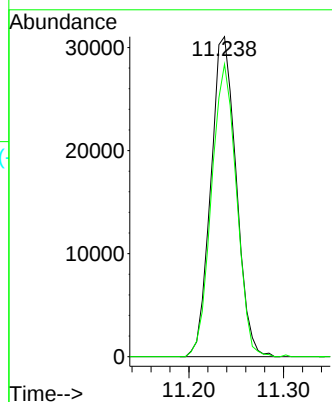
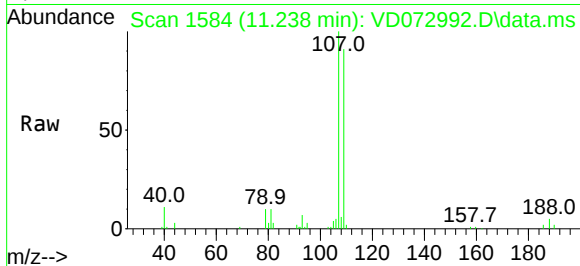




#61
1,2-Dibromoethane
Concen: 18.307 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

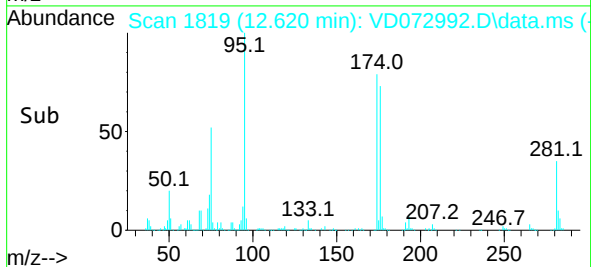
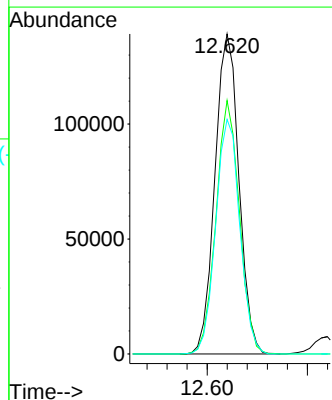
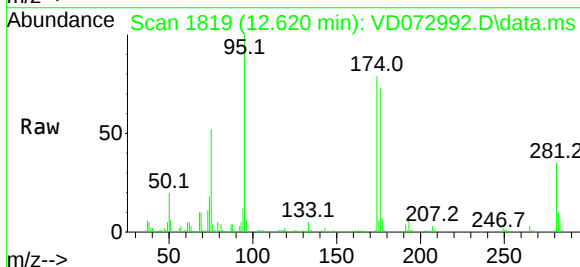
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

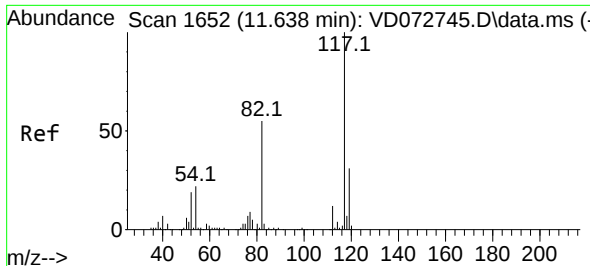
Tgt Ion:107 Resp: 57731
Ion Ratio Lower Upper
107 100
109 89.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.935 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

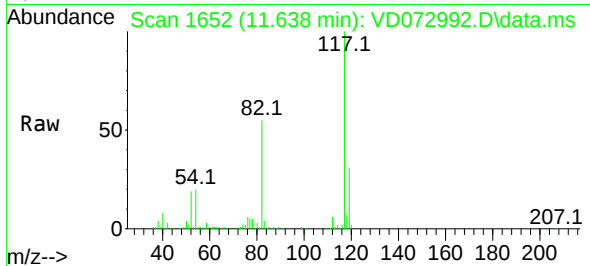
Tgt Ion: 95 Resp: 230593
Ion Ratio Lower Upper
95 100
174 77.2 0.0 152.8
176 73.6 0.0 145.4



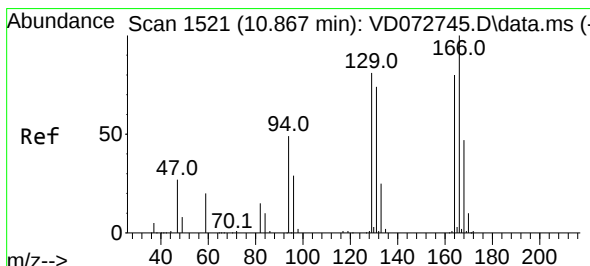
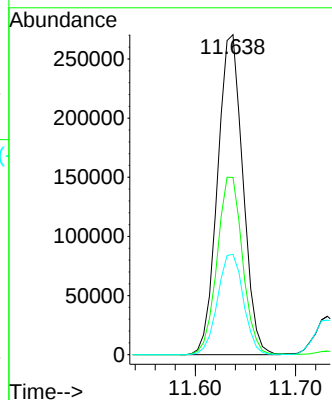
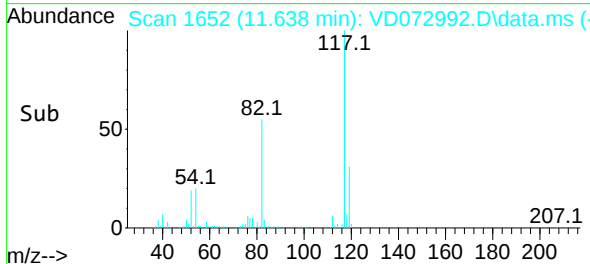


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

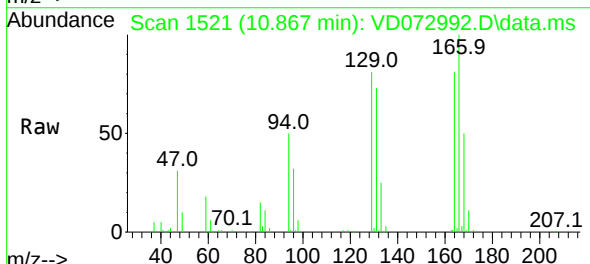
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01



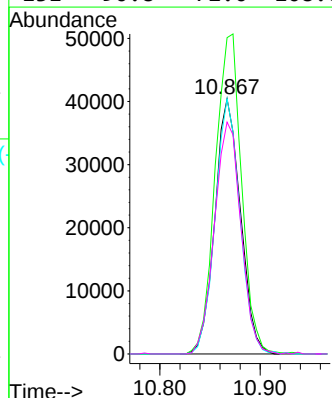
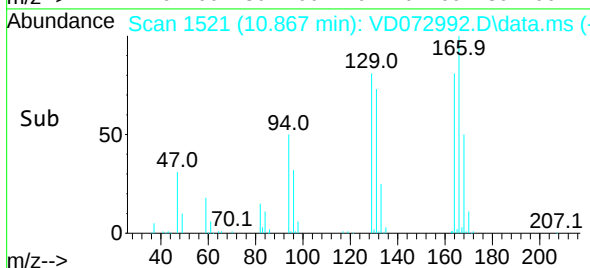
Tgt Ion:117 Resp: 474596
Ion Ratio Lower Upper
117 100
82 55.4 45.3 67.9
119 31.3 26.6 40.0

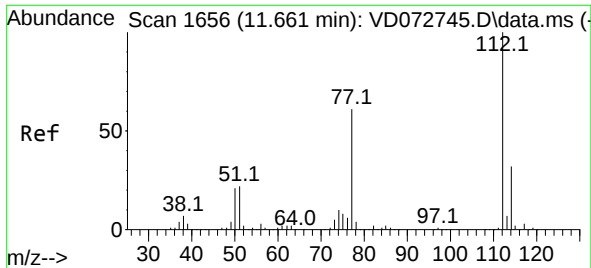


#64
Tetrachloroethene
Concen: 20.596 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26



Tgt Ion:164 Resp: 71465
Ion Ratio Lower Upper
164 100
166 123.9 98.5 147.7
129 99.9 74.6 111.8
131 90.8 72.0 108.0

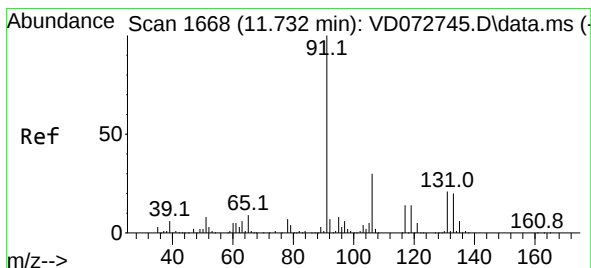
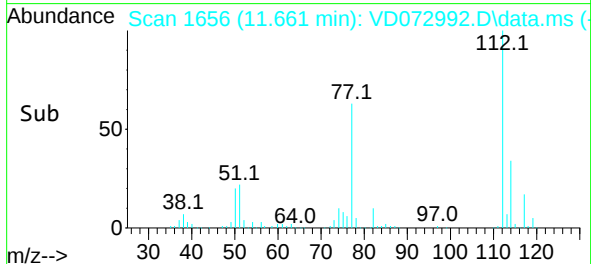
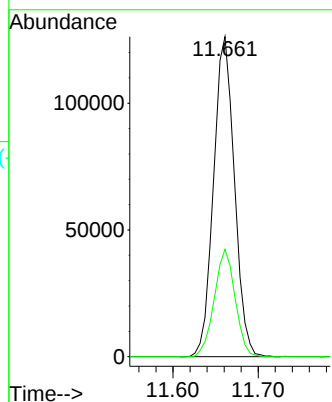
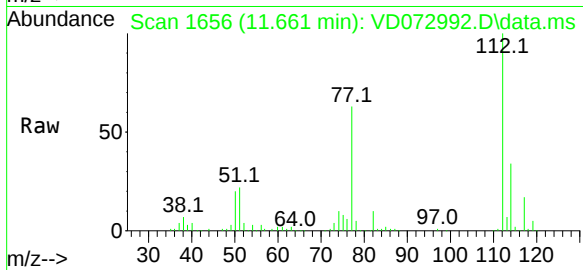




#65
Chlorobenzene
Concen: 19.580 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

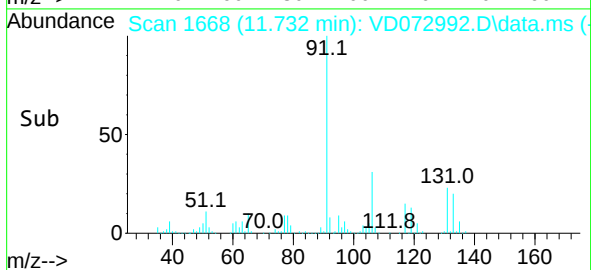
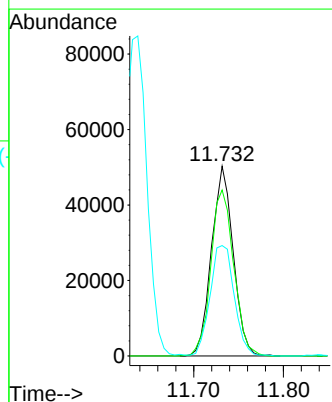
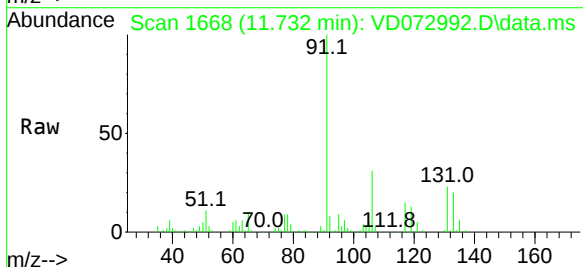
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

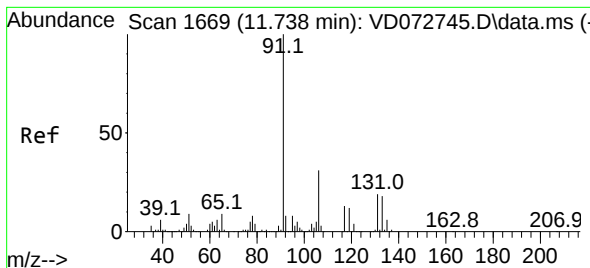
Tgt Ion:112 Resp: 214928
Ion Ratio Lower Upper
112 100
114 33.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 20.468 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion:131 Resp: 84437
Ion Ratio Lower Upper
131 100
133 92.6 48.1 144.3
119 65.0 31.9 95.9

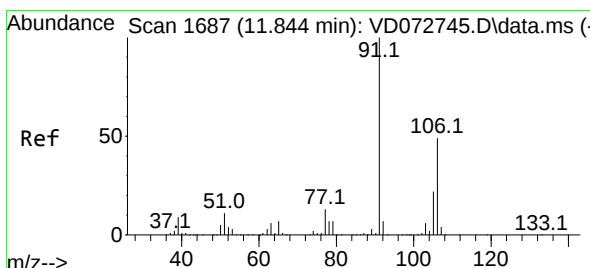
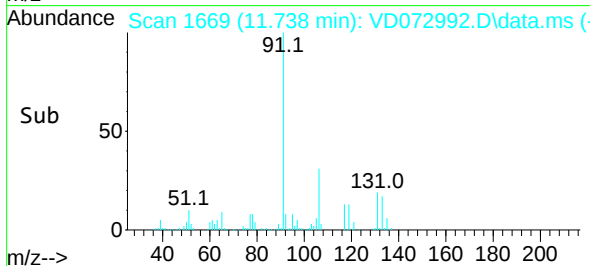
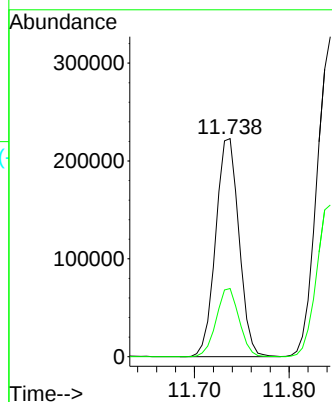
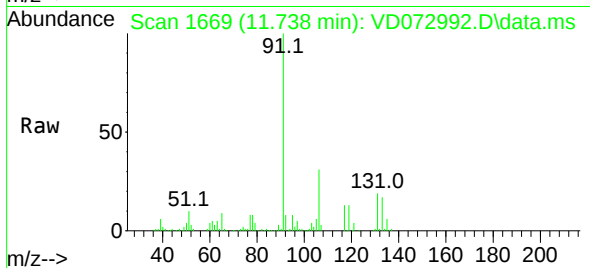




#67
Ethyl Benzene
Concen: 20.064 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

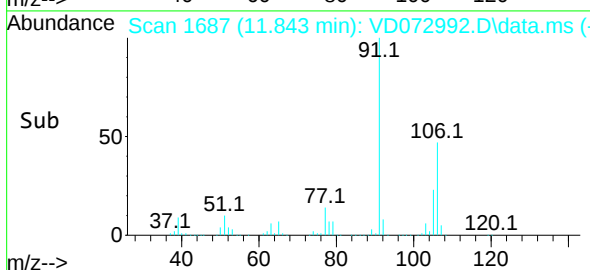
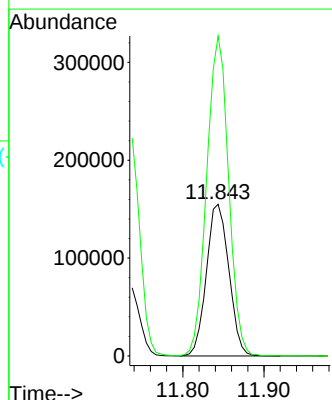
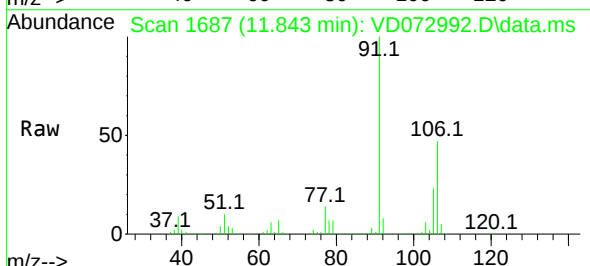
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

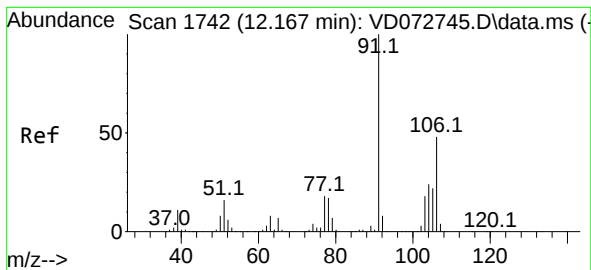
Tgt Ion: 91 Resp: 381155
Ion Ratio Lower Upper
91 100
106 31.3 24.2 36.4



#68
m/p-Xylenes
Concen: 40.732 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 106 Resp: 298065
Ion Ratio Lower Upper
106 100
91 205.4 163.7 245.5

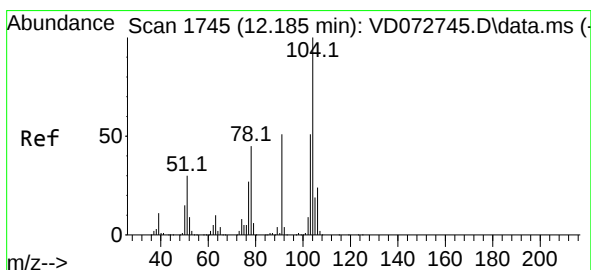
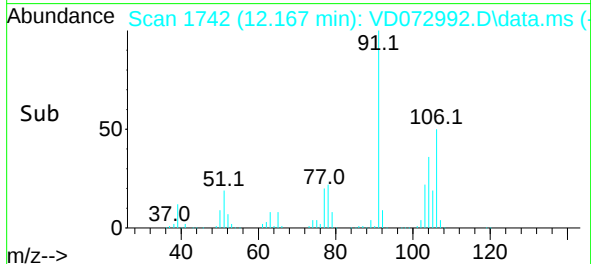
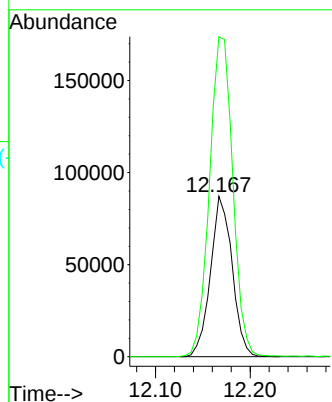
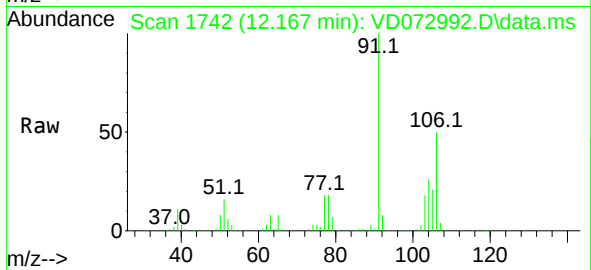




#69
o-Xylene
Concen: 20.251 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

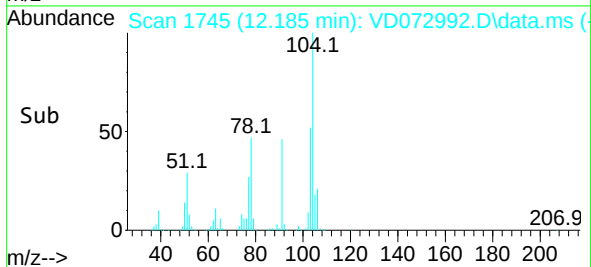
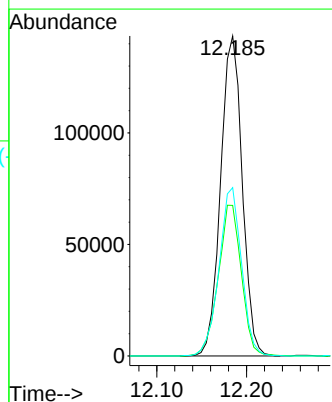
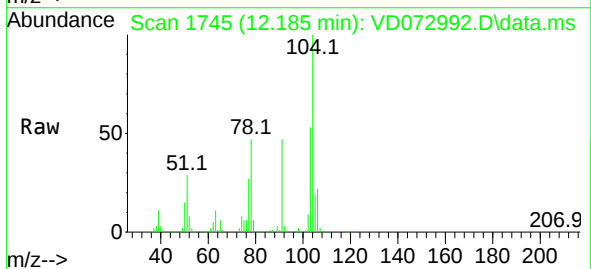
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

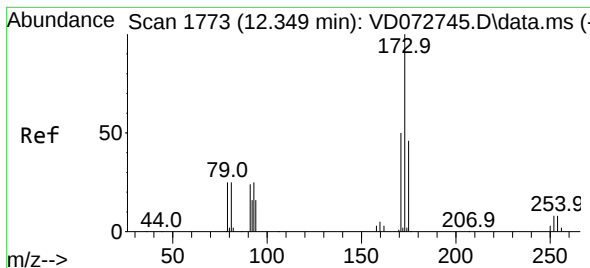
Tgt Ion:106 Resp: 138401
Ion Ratio Lower Upper
106 100
91 215.1 110.4 331.2



#70
Styrene
Concen: 20.273 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion:104 Resp: 240057
Ion Ratio Lower Upper
104 100
78 50.4 41.8 62.8
103 54.9 44.2 66.4





#71

Bromoform

Concen: 19.434 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD01

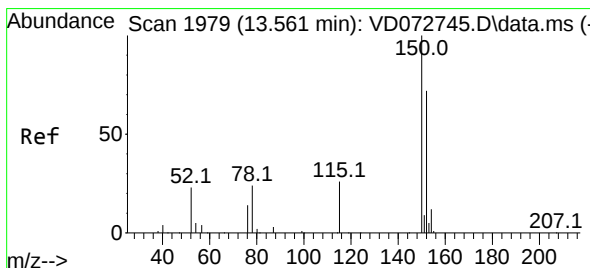
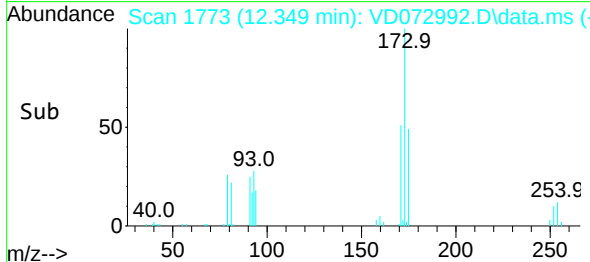
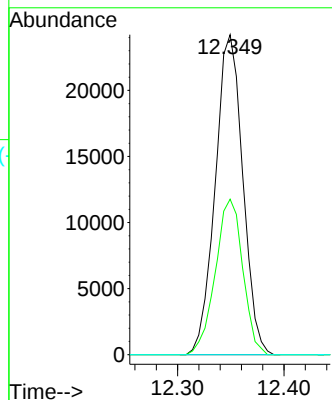
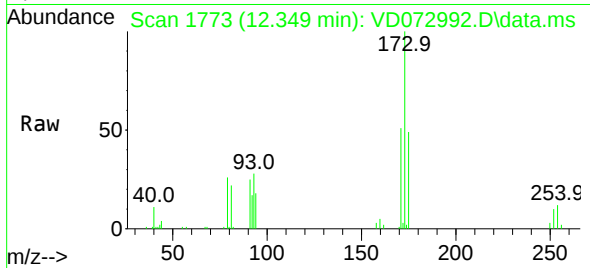
Tgt Ion:173 Resp: 43451

Ion Ratio Lower Upper

173 100

175 48.4 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

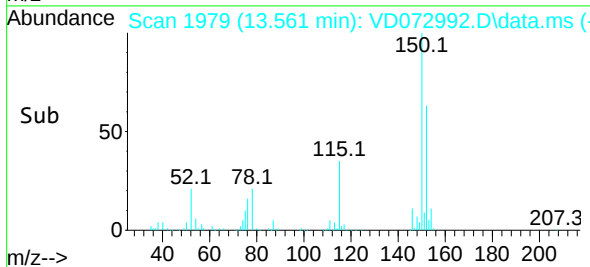
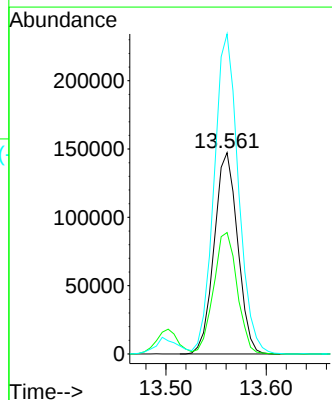
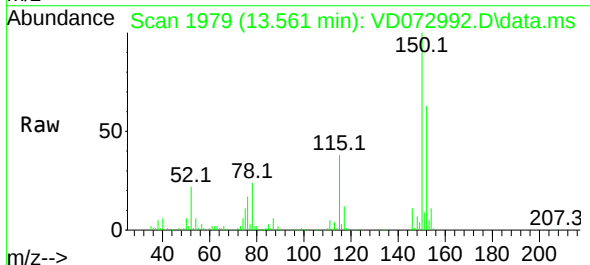
Tgt Ion:152 Resp: 239178

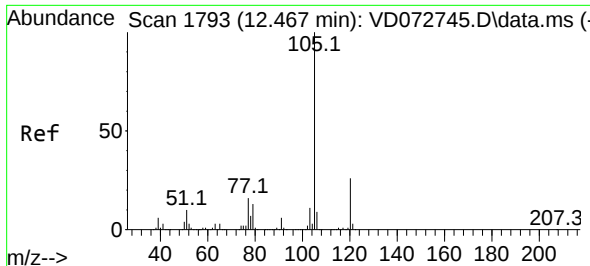
Ion Ratio Lower Upper

152 100

115 61.0 31.3 93.8

150 165.0 0.0 348.6

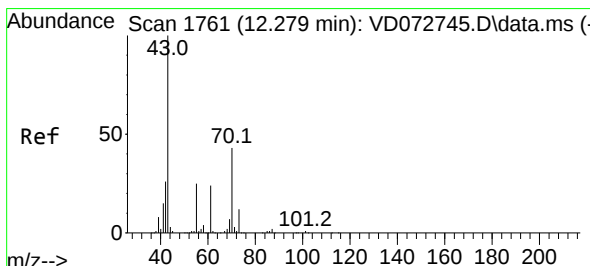
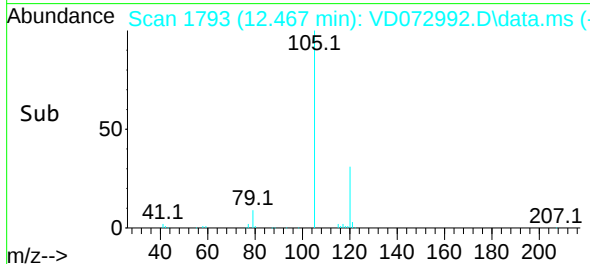
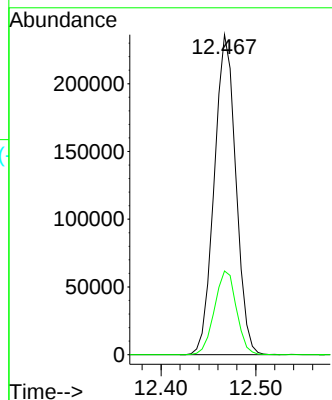
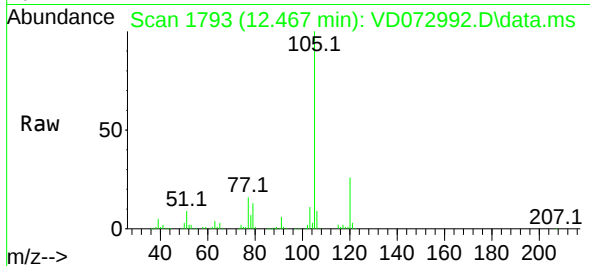




#73
Isopropylbenzene
Concen: 20.110 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

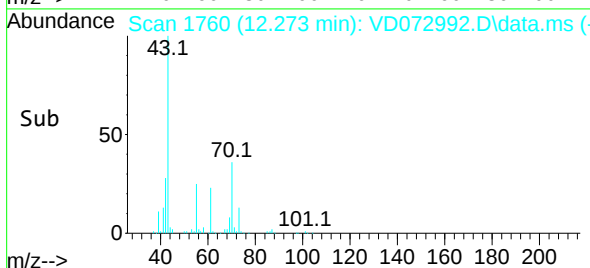
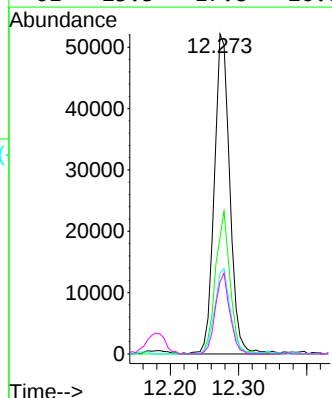
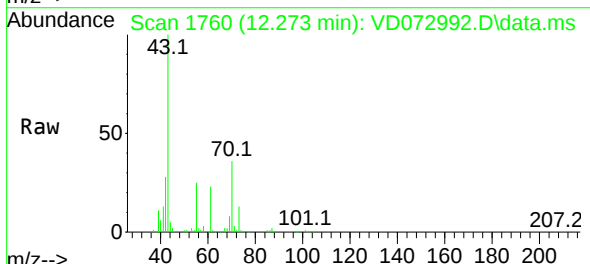
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

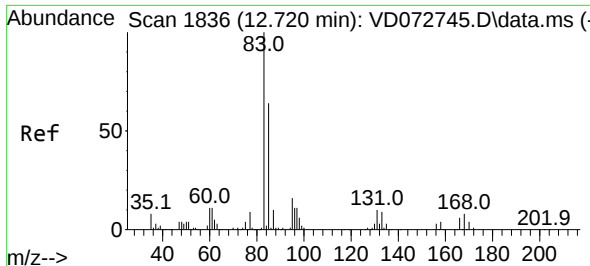
Tgt Ion:105 Resp: 374221
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9



#74
N-ethyl acetate
Concen: 17.859 ug/l
RT: 12.273 min Scan# 1760
Delta R.T. -0.006 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 43 Resp: 82759
Ion Ratio Lower Upper
43 100
70 41.5 31.3 46.9
55 26.9 20.0 30.0
61 23.3 17.8 26.8

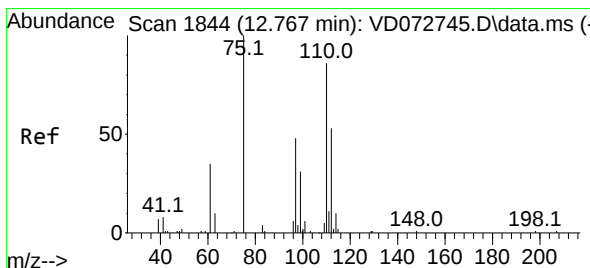
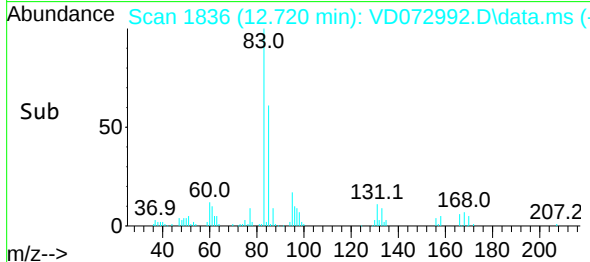
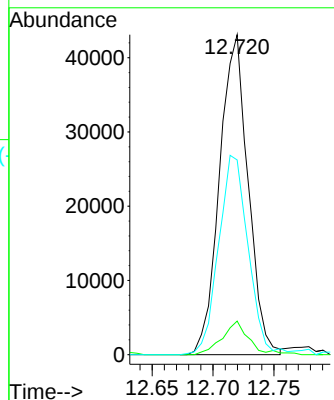
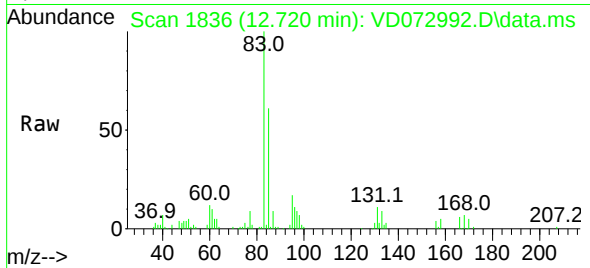




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.758 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD072992.D
 Acq: 13 May 2022 16:26

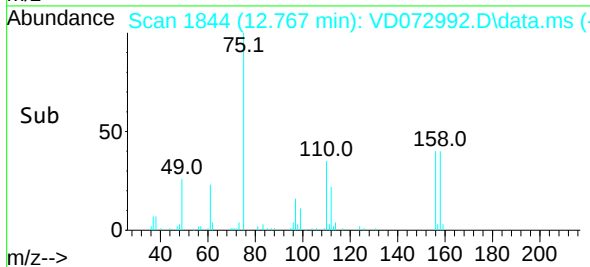
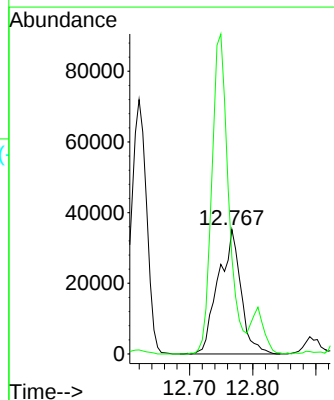
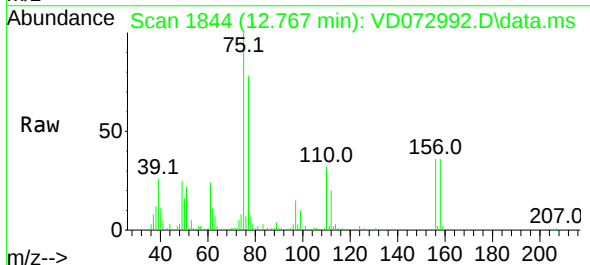
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBSD01

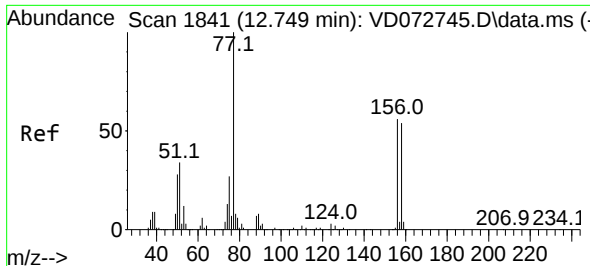
Tgt Ion: 83 Resp: 70462
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 64.6 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 32.830 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VD072992.D
 Acq: 13 May 2022 16:26

Tgt Ion: 75 Resp: 87557
 Ion Ratio Lower Upper
 75 100
 77 191.5 0.0 0.0#

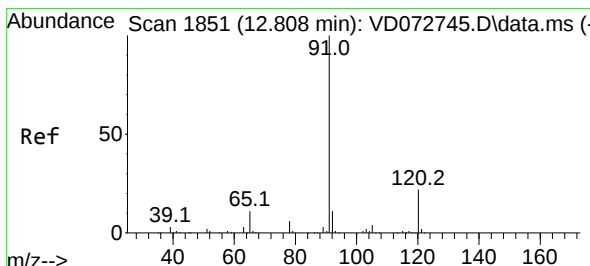
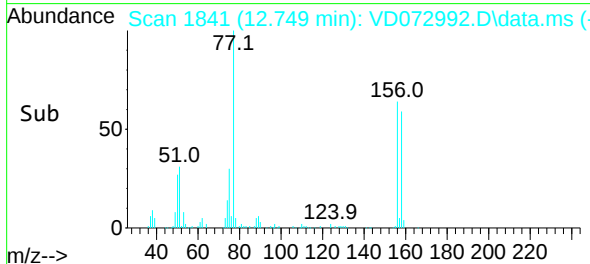
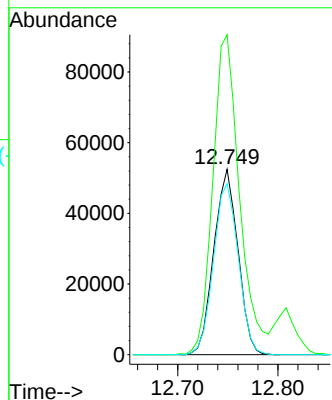
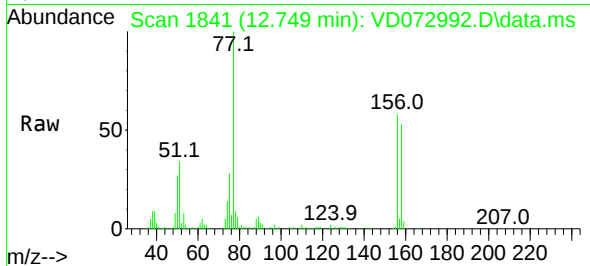




#77
Bromobenzene
Concen: 19.841 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

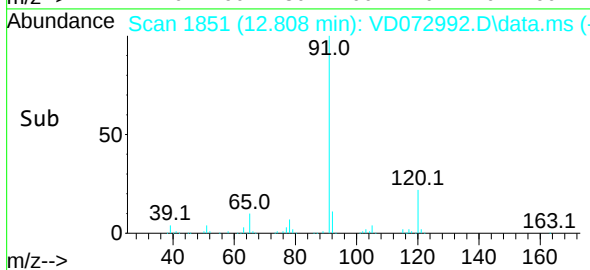
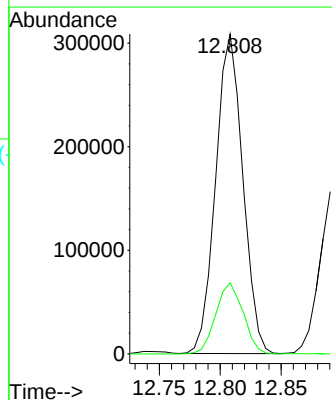
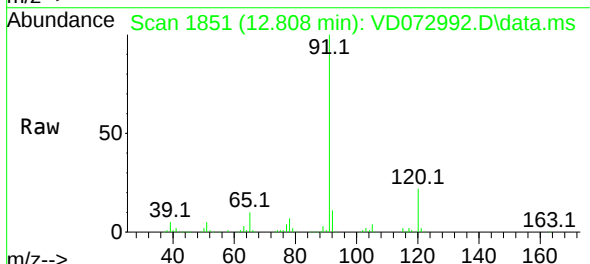
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

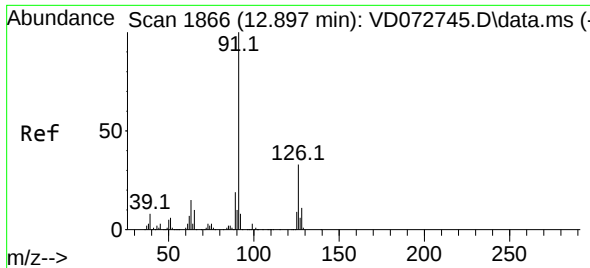
Tgt Ion:156 Resp: 87676
Ion Ratio Lower Upper
156 100
77 191.3 102.8 308.3
158 95.0 48.7 146.1



#78
n-propylbenzene
Concen: 20.361 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 91 Resp: 477535
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9

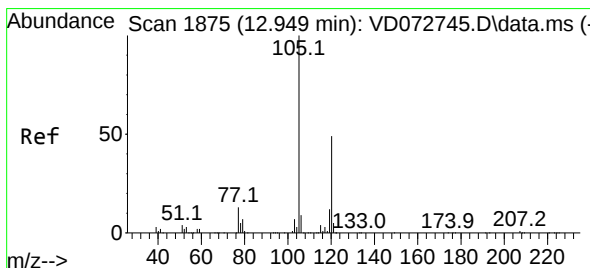
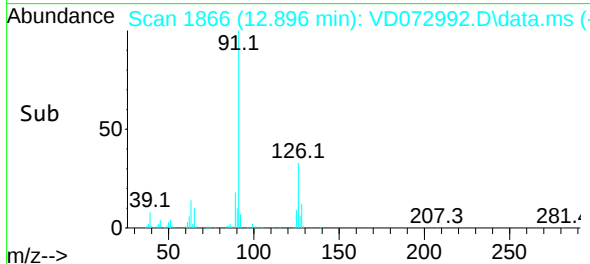
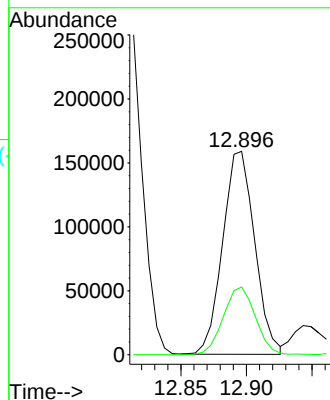
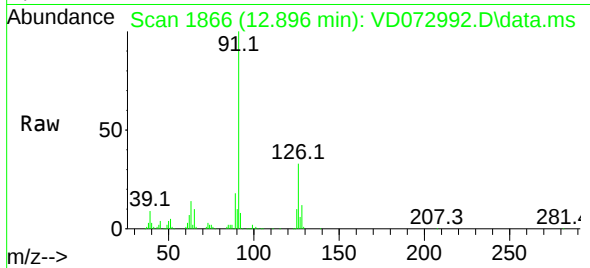




#79
2-Chlorotoluene
Concen: 19.714 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.001 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

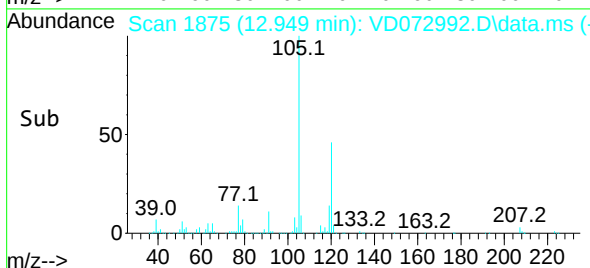
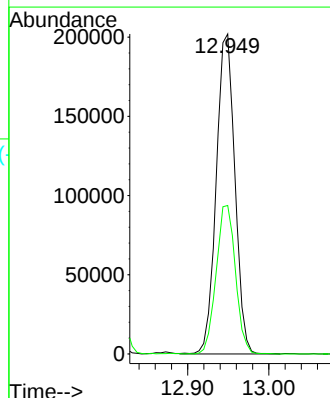
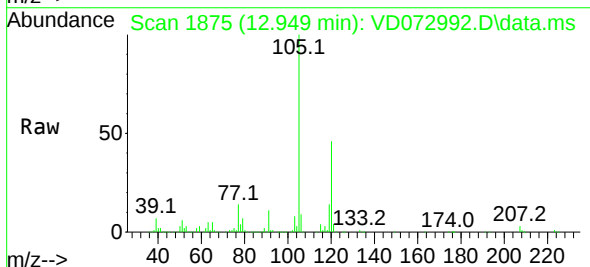
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

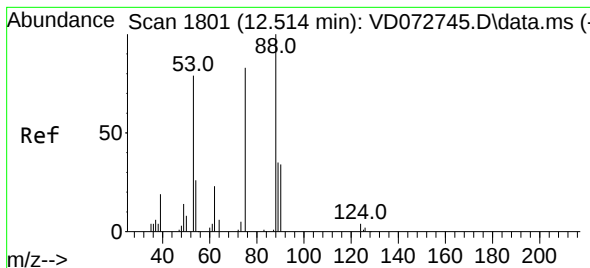
Tgt Ion: 91 Resp: 270086
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 20.431 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 105 Resp: 322373
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.8

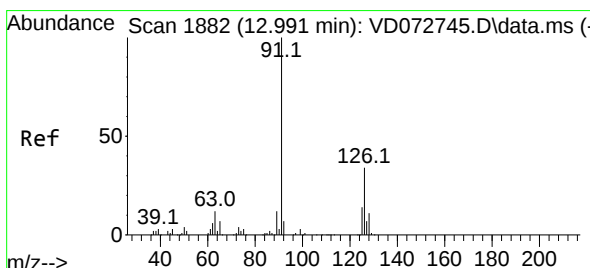
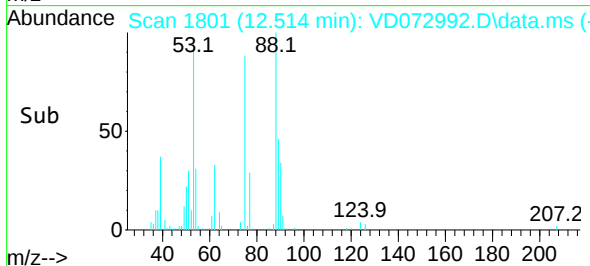
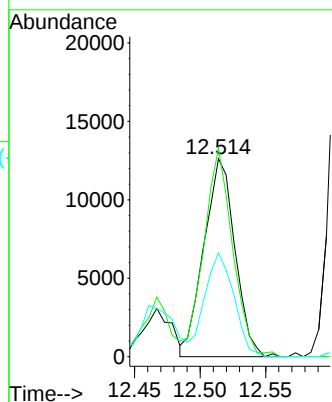
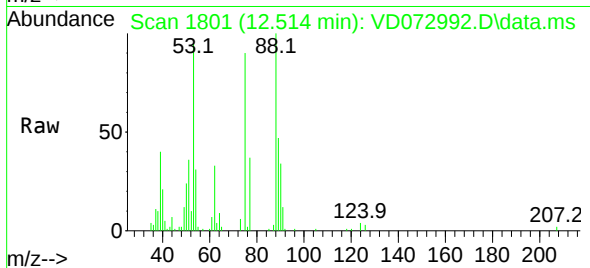




#81
trans-1,4-Dichloro-2-butene
Concen: 17.907 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

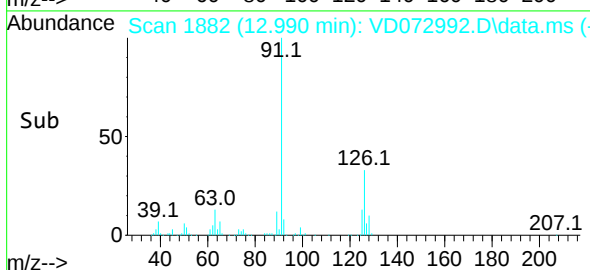
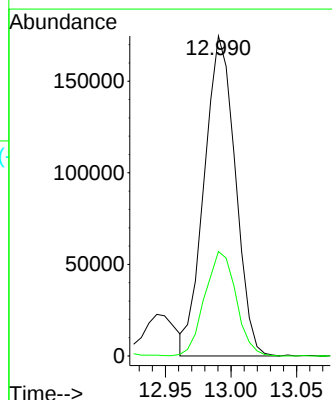
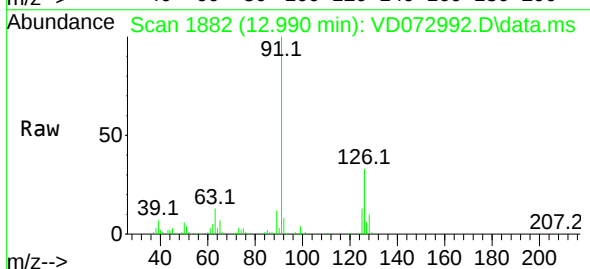
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

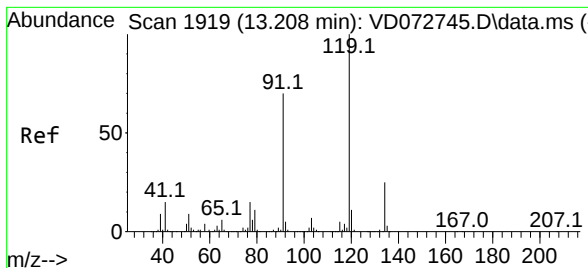
Tgt Ion: 75 Resp: 20768
Ion Ratio Lower Upper
75 100
53 97.8 86.5 129.7
89 49.2 33.9 50.9



#82
4-Chlorotoluene
Concen: 20.115 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 91 Resp: 287943
Ion Ratio Lower Upper
91 100
126 32.8 16.5 49.5





#83

tert-Butylbenzene

Concen: 19.443 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD01

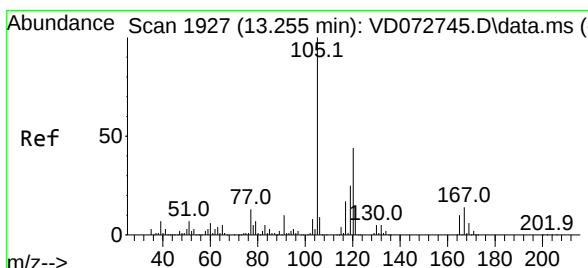
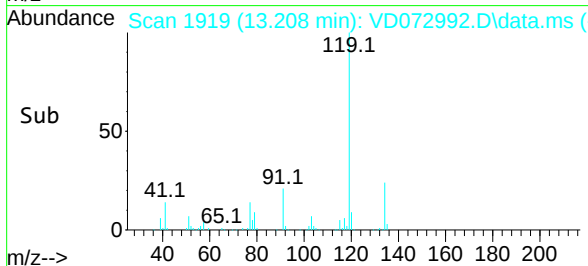
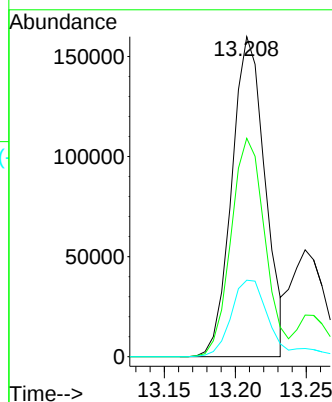
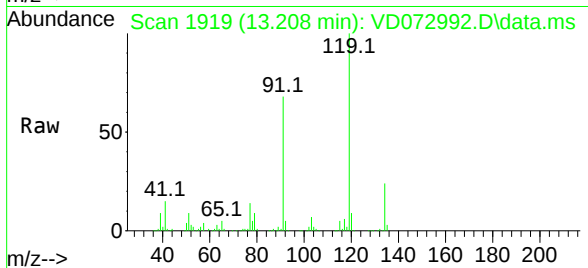
Tgt Ion:119 Resp: 260820

Ion Ratio Lower Upper

119 100

91 69.7 34.8 104.5

134 28.0 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.196 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD072992.D

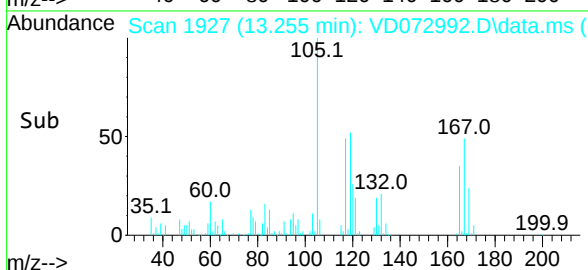
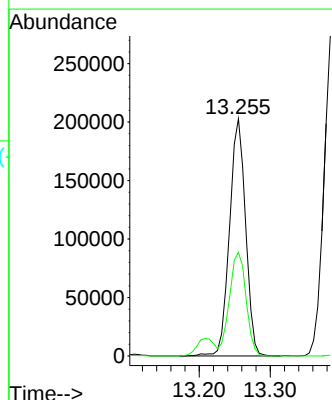
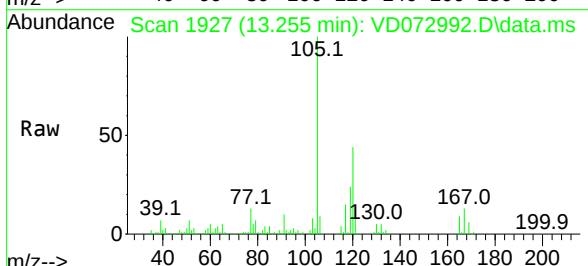
Acq: 13 May 2022 16:26

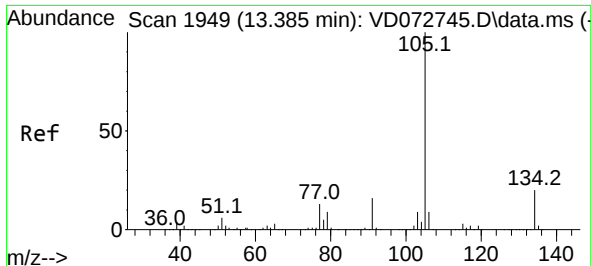
Tgt Ion:105 Resp: 318540

Ion Ratio Lower Upper

105 100

120 45.3 22.3 66.8

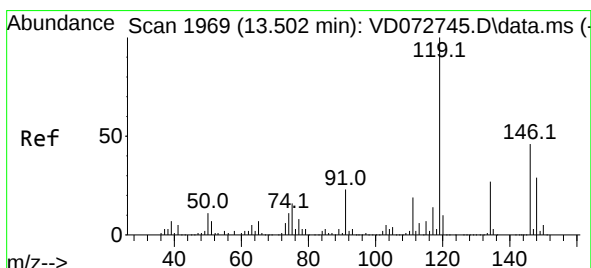
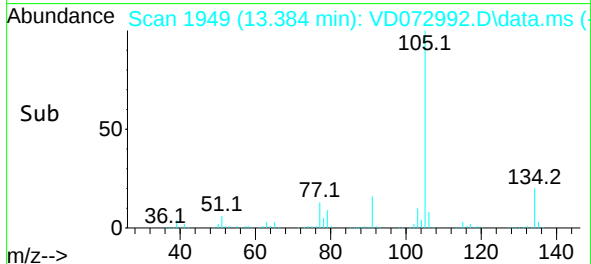
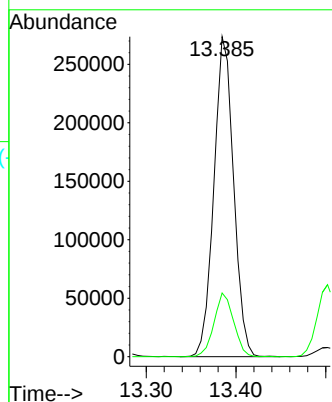
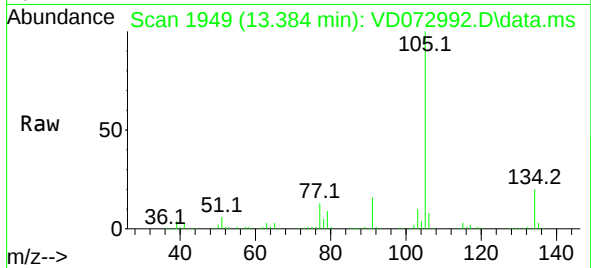




#85
 sec-Butylbenzene
 Concen: 20.643 ug/l
 RT: 13.384 min Scan# 1949
 Delta R.T. -0.001 min
 Lab File: VD072992.D
 Acq: 13 May 2022 16:26

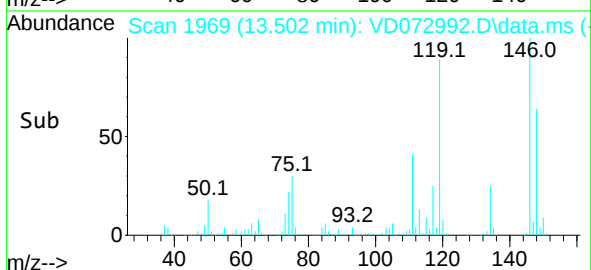
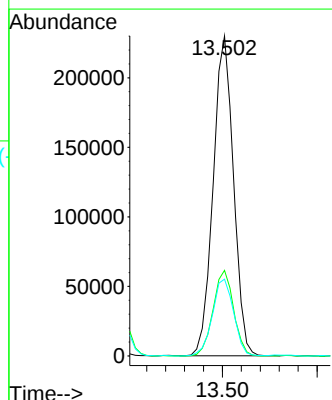
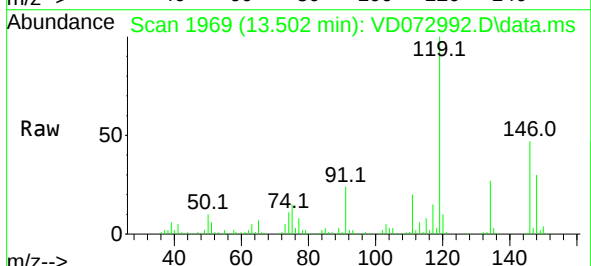
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0513SBS01

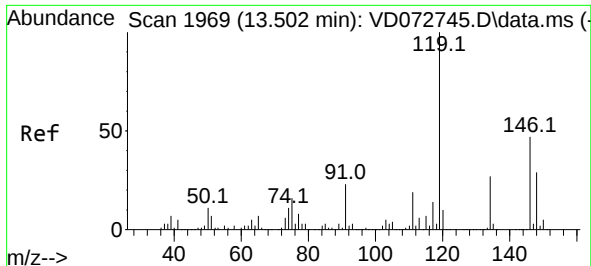
Tgt Ion:105 Resp: 417673
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 20.672 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD072992.D
 Acq: 13 May 2022 16:26

Tgt Ion:119 Resp: 342920
 Ion Ratio Lower Upper
 119 100
 134 27.0 12.9 38.6
 91 25.2 12.1 36.3

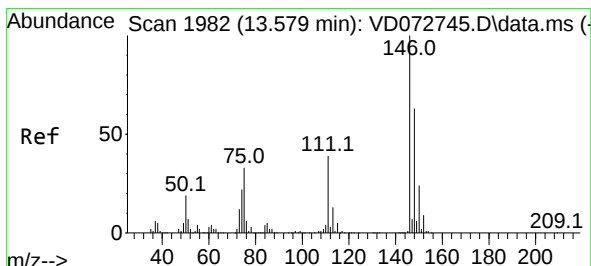
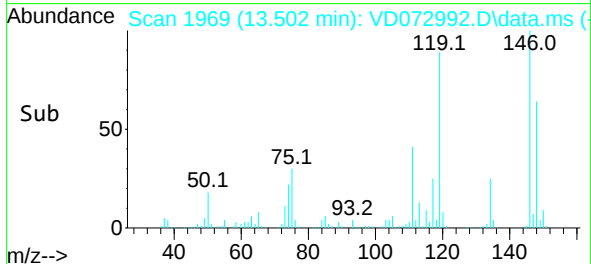
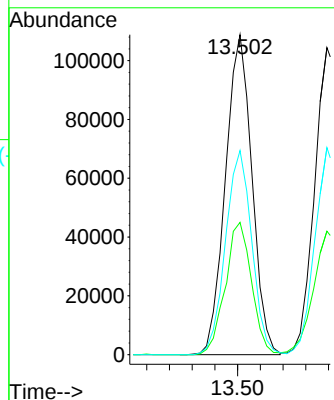
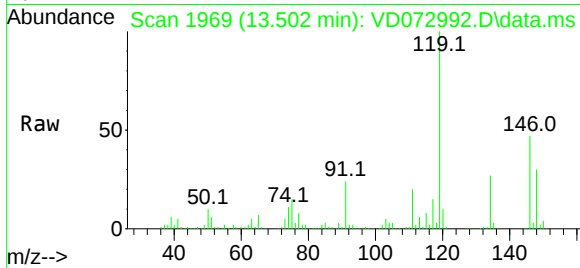




#87
1,3-Dichlorobenzene
Concen: 19.843 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

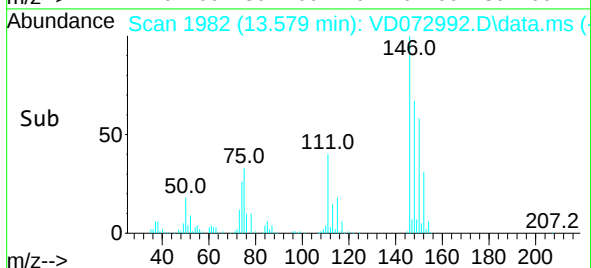
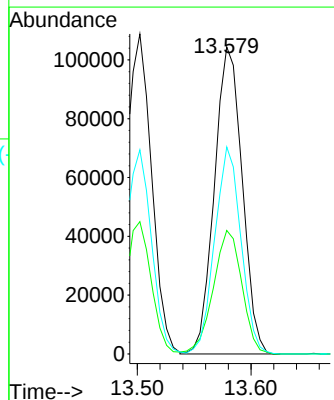
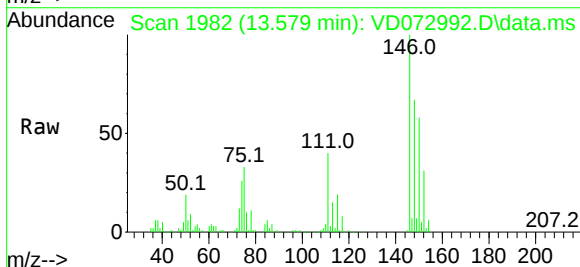
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

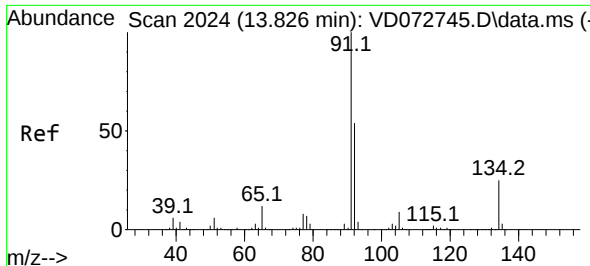
Tgt Ion:146 Resp: 176635
Ion Ratio Lower Upper
146 100
111 40.9 20.4 61.3
148 63.3 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 20.029 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion:146 Resp: 177551
Ion Ratio Lower Upper
146 100
111 41.3 20.3 60.9
148 63.9 31.7 95.1

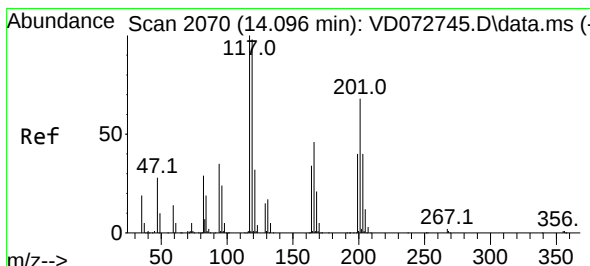
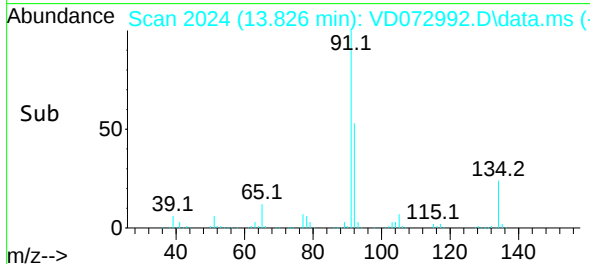
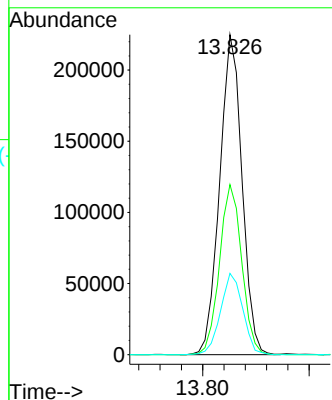
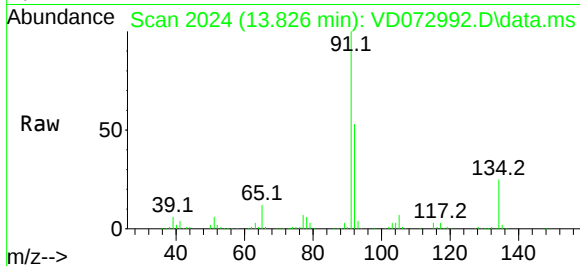




#89
n-Butylbenzene
Concen: 20.374 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

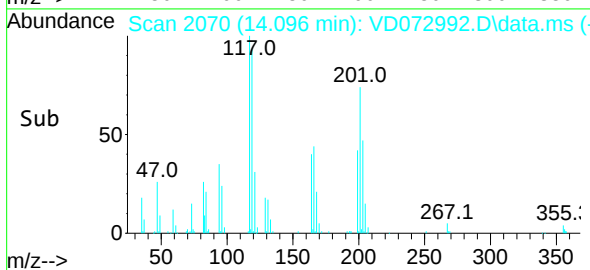
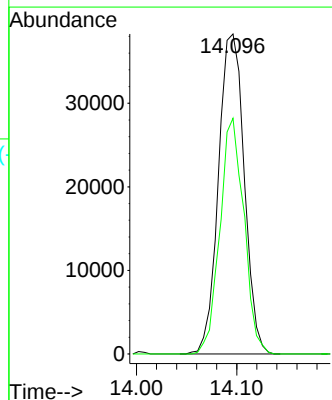
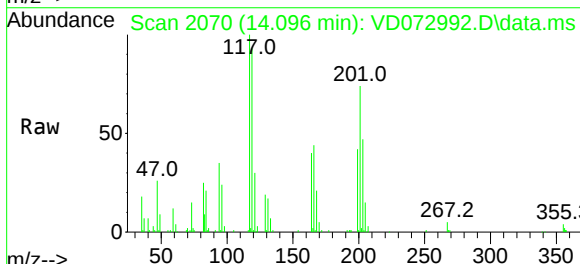
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

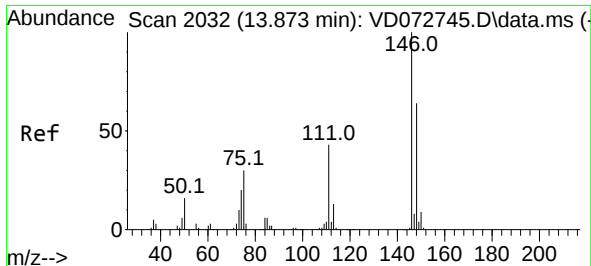
Tgt Ion: 91 Resp: 327395
Ion Ratio Lower Upper
91 100
92 52.9 26.6 79.8
134 25.2 12.3 36.9



#90
Hexachloroethane
Concen: 20.093 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion: 117 Resp: 68282
Ion Ratio Lower Upper
117 100
201 68.7 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 19.950 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

Instrument :

MSVOA_D

ClientSampleId :

VD0513SBSD01

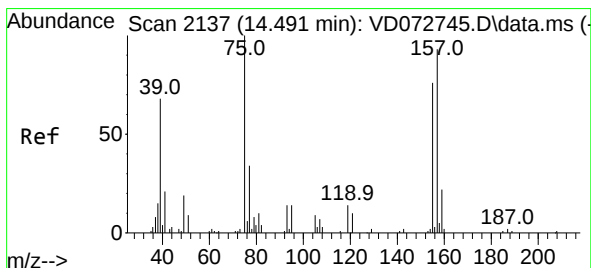
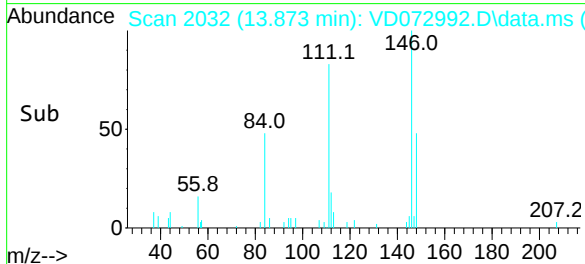
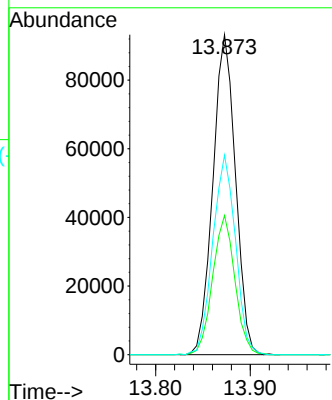
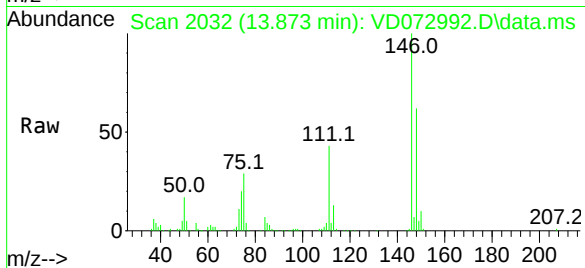
Tgt Ion:146 Resp: 154771

Ion Ratio Lower Upper

146 100

111 42.8 21.1 63.3

148 62.8 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.396 ug/l

RT: 14.484 min Scan# 2136

Delta R.T. -0.007 min

Lab File: VD072992.D

Acq: 13 May 2022 16:26

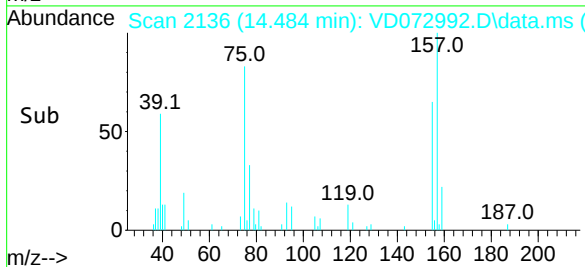
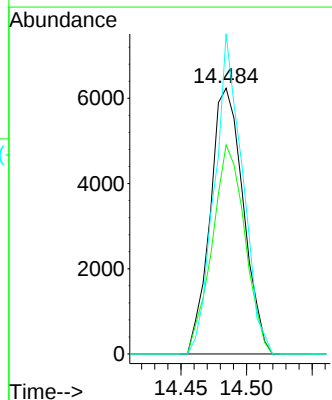
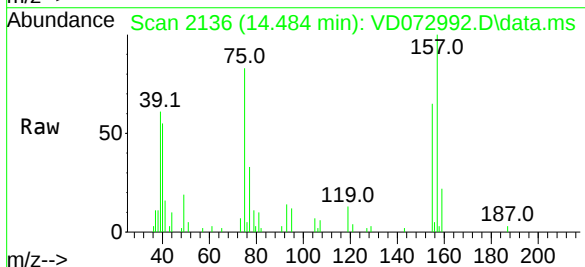
Tgt Ion: 75 Resp: 10954

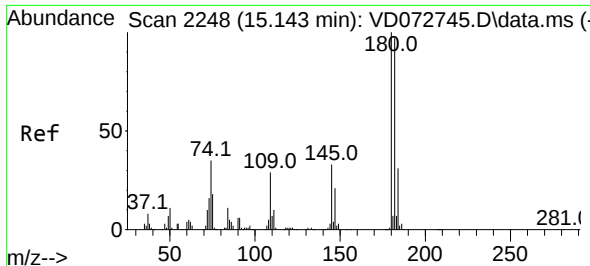
Ion Ratio Lower Upper

75 100

155 77.6 36.8 110.3

157 101.4 48.4 145.0

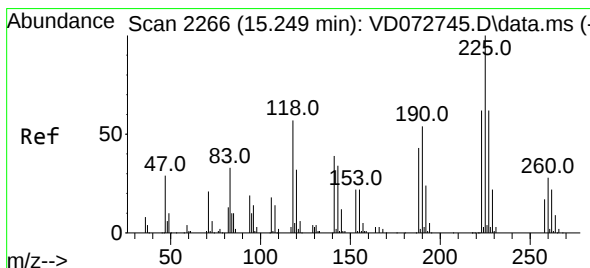
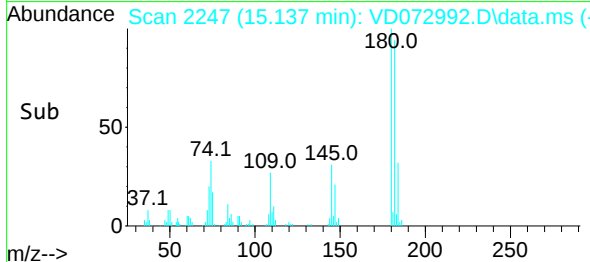
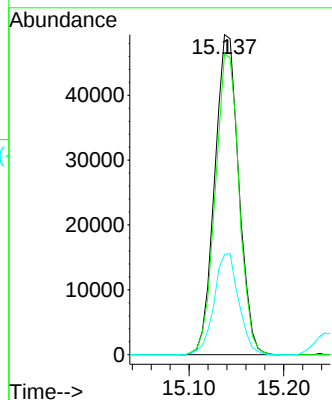
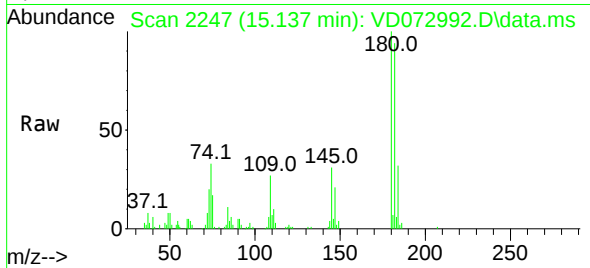




#93
1,2,4-Trichlorobenzene
Concen: 18.971 ug/l
RT: 15.137 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

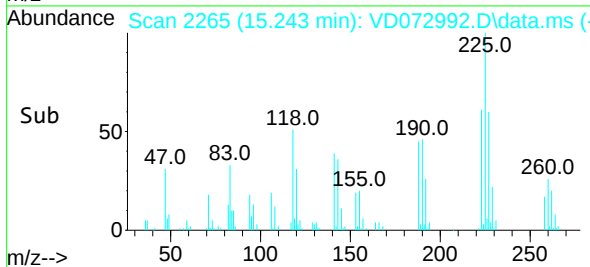
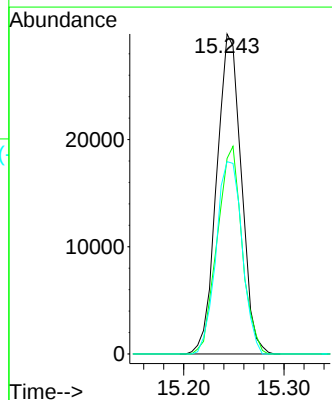
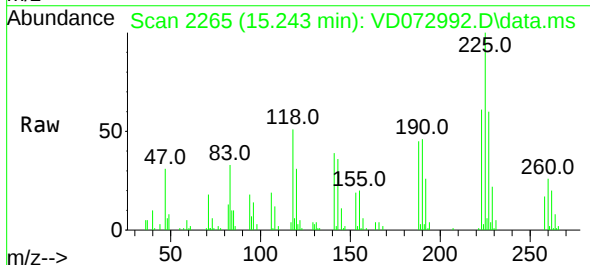
Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

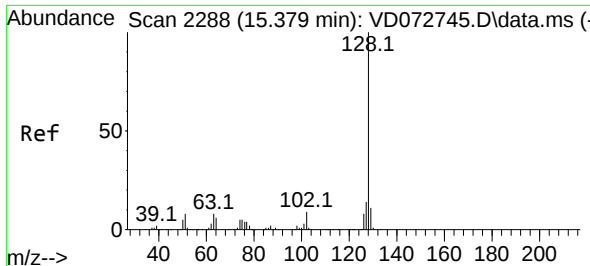
Tgt Ion:180 Resp: 87164
Ion Ratio Lower Upper
180 100
182 93.0 47.3 142.0
145 32.3 16.2 48.5



#94
Hexachlorobutadiene
Concen: 20.244 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. -0.006 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion:225 Resp: 50796
Ion Ratio Lower Upper
225 100
223 65.3 31.1 93.2
227 63.5 32.4 97.0

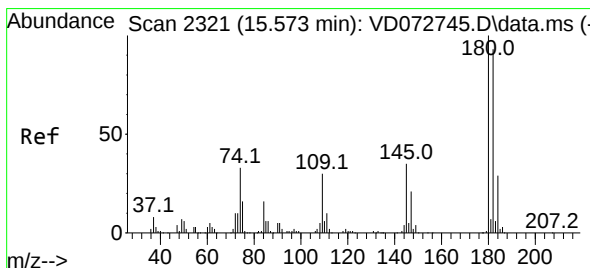
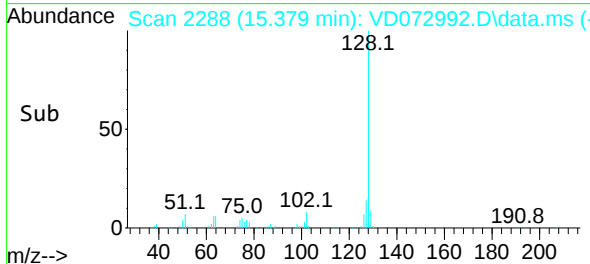
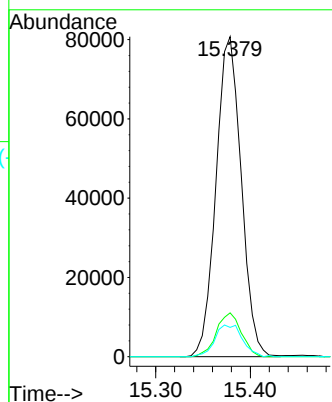
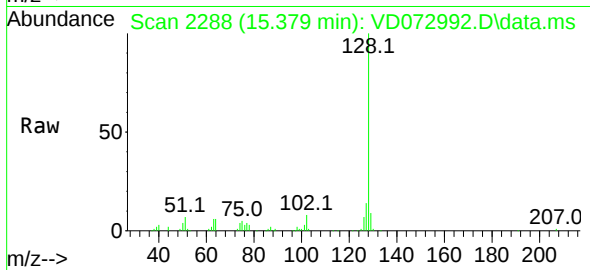




#95
Naphthalene
Concen: 17.681 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Instrument :
MSVOA_D
ClientSampleId :
VD0513SBSD01

Tgt Ion:128 Resp: 149363
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 18.909 ug/l
RT: 15.567 min Scan# 2320
Delta R.T. -0.006 min
Lab File: VD072992.D
Acq: 13 May 2022 16:26

Tgt Ion:180 Resp: 77012
Ion Ratio Lower Upper
180 100
182 95.9 47.6 142.9
145 34.0 17.1 51.3

