

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051722\
 Data File : VD073058.D
 Acq On : 17 May 2022 15:16
 Operator : VA/SY
 Sample : VSTDICV050
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 18 03:20:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 17 13:03:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	373563	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	632926	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	585107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	272461	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.326	65	202265	43.296	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	86.600%
35) Dibromofluoromethane	7.908	113	204666	46.056	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.120%
50) Toluene-d8	10.332	98	772755	47.933	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.860%
62) 4-Bromofluorobenzene	12.620	95	266204	45.590	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.180%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.991	85	186718	39.972	ug/l	95
3) Chloromethane	2.209	50	203375	42.232	ug/l	97
4) Vinyl Chloride	2.344	62	196763	44.427	ug/l	98
5) Bromomethane	2.762	94	132831	42.227	ug/l	96
6) Chloroethane	2.914	64	124683	45.208	ug/l	100
7) Trichlorofluoromethane	3.267	101	360853	44.523	ug/l	98
8) Diethyl Ether	3.709	74	101064	45.571	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.097	101	208640	43.471	ug/l	97
10) Methyl Iodide	4.297	142	248642	44.984	ug/l	98
11) Tert butyl alcohol	5.203	59	118281	163.688	ug/l #	89
12) 1,1-Dichloroethene	4.061	96	198863	45.820	ug/l	90
13) Acrolein	3.914	56	86531	198.994	ug/l	97
14) Allyl chloride	4.714	41	332870	48.409	ug/l	92
15) Acrylonitrile	5.414	53	237774	223.701	ug/l	98
16) Acetone	4.156	43	204307	241.666	ug/l	98
17) Carbon Disulfide	4.403	76	662051	45.545	ug/l	99
18) Methyl Acetate	4.720	43	107504	42.341	ug/l	91
19) Methyl tert-butyl Ether	5.467	73	488066	48.086	ug/l	96
20) Methylene Chloride	4.961	84	247500	40.336	ug/l	88
21) trans-1,2-Dichloroethene	5.467	96	240144	46.516	ug/l	90
22) Diisopropyl ether	6.355	45	708988	48.037	ug/l	93
23) Vinyl Acetate	6.303	43	1956980	245.442	ug/l	96
24) 1,1-Dichloroethane	6.255	63	419518	45.689	ug/l	98
25) 2-Butanone	7.202	43	300614	234.824	ug/l	94
26) 2,2-Dichloropropane	7.202	77	368605	47.416	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	269088	47.265	ug/l	92
28) Bromochloromethane	7.538	49	142128	45.187	ug/l	84
29) Tetrahydrofuran	7.555	42	191377	232.324	ug/l	93
30) Chloroform	7.702	83	438989	44.682	ug/l	97
31) Cyclohexane	7.979	56	383384	45.560	ug/l	94
32) 1,1,1-Trichloroethane	7.897	97	390204	46.359	ug/l	96
36) 1,1-Dichloropropene	8.108	75	331920	45.840	ug/l	96
37) Ethyl Acetate	7.291	43	137801	45.315	ug/l #	95
38) Carbon Tetrachloride	8.091	117	338474	45.690	ug/l	99
39) Methylcyclohexane	9.349	83	404780	47.941	ug/l	95
40) Benzene	8.344	78	962083	46.468	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	83340	48.602	ug/l	94
42) 1,2-Dichloroethane	8.414	62	266307	44.190	ug/l	97
43) Isopropyl Acetate	8.444	43	258213	45.671	ug/l #	93
44) Trichloroethene	9.102	130	255225	45.575	ug/l	97
45) 1,2-Dichloropropane	9.379	63	239390	44.524	ug/l	97
46) Dibromomethane	9.467	93	127242	42.799	ug/l	96
47) Bromodichloromethane	9.655	83	331255	43.869	ug/l #	98
48) Methyl methacrylate	9.449	41	131057	46.733	ug/l	88
49) 1,4-Dioxane	9.455	88	27954	903.119	ug/l	100
51) 4-Methyl-2-Pentanone	10.220	43	680158	230.527	ug/l	95
52) Toluene	10.396	92	617685	46.991	ug/l	96
53) t-1,3-Dichloropropene	10.608	75	316227	45.918	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	378198	46.578	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	176195	43.419	ug/l	98
56) Ethyl methacrylate	10.649	69	221504	48.265	ug/l	88
57) 1,3-Dichloropropane	10.938	76	303367	43.936	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	484889	203.115	ug/l	97
59) 2-Hexanone	10.973	43	478789	245.653	ug/l	94
60) Dibromochloromethane	11.132	129	218511	43.342	ug/l	99
61) 1,2-Dibromoethane	11.238	107	170949	43.778	ug/l	99
64) Tetrachloroethene	10.867	164	204170	47.628	ug/l	95
65) Chlorobenzene	11.661	112	643064	48.471	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	234460	46.264	ug/l	97
67) Ethyl Benzene	11.738	91	1172940	50.777	ug/l	98
68) m/p-Xylenes	11.843	106	914954	102.198	ug/l	100
69) o-Xylene	12.167	106	425419	51.528	ug/l	97
70) Styrene	12.185	104	731461	50.724	ug/l	98
71) Bromoform	12.349	173	123828	46.407	ug/l #	100
73) Isopropylbenzene	12.467	105	1138324	55.118	ug/l	100
74) N-amyl acetate	12.279	43	255287	52.894	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.714	83	195720	48.071	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	253868	81.447	ug/l #	100
77) Bromobenzene	12.749	156	253036	51.350	ug/l	92
78) n-propylbenzene	12.808	91	1409173	54.335	ug/l	99
79) 2-Chlorotoluene	12.896	91	786686	52.069	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	950135	54.003	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	65106	50.685	ug/l	90
82) 4-Chlorotoluene	12.990	91	831111	51.977	ug/l	99
83) tert-Butylbenzene	13.208	119	817944	54.885	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	942589	53.849	ug/l	99
85) sec-Butylbenzene	13.390	105	1227583	54.267	ug/l	100
86) p-Isopropyltoluene	13.502	119	1007712	54.767	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	505006	49.862	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	494865	49.445	ug/l	99
89) n-Butylbenzene	13.826	91	973193	54.387	ug/l	99
90) Hexachloroethane	14.096	117	195075	51.022	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	439073	49.983	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	30724	48.548	ug/l	95
93) 1,2,4-Trichlorobenzene	15.143	180	267214	53.315	ug/l	99
94) Hexachlorobutadiene	15.249	225	139614	49.905	ug/l	98
95) Naphthalene	15.384	128	492402	46.695	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	228986	51.460	ug/l	98

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Quant Title : SW846 8260
QLast Update : Tue May 17 13:03:08 2022
Response via : Initial Calibration

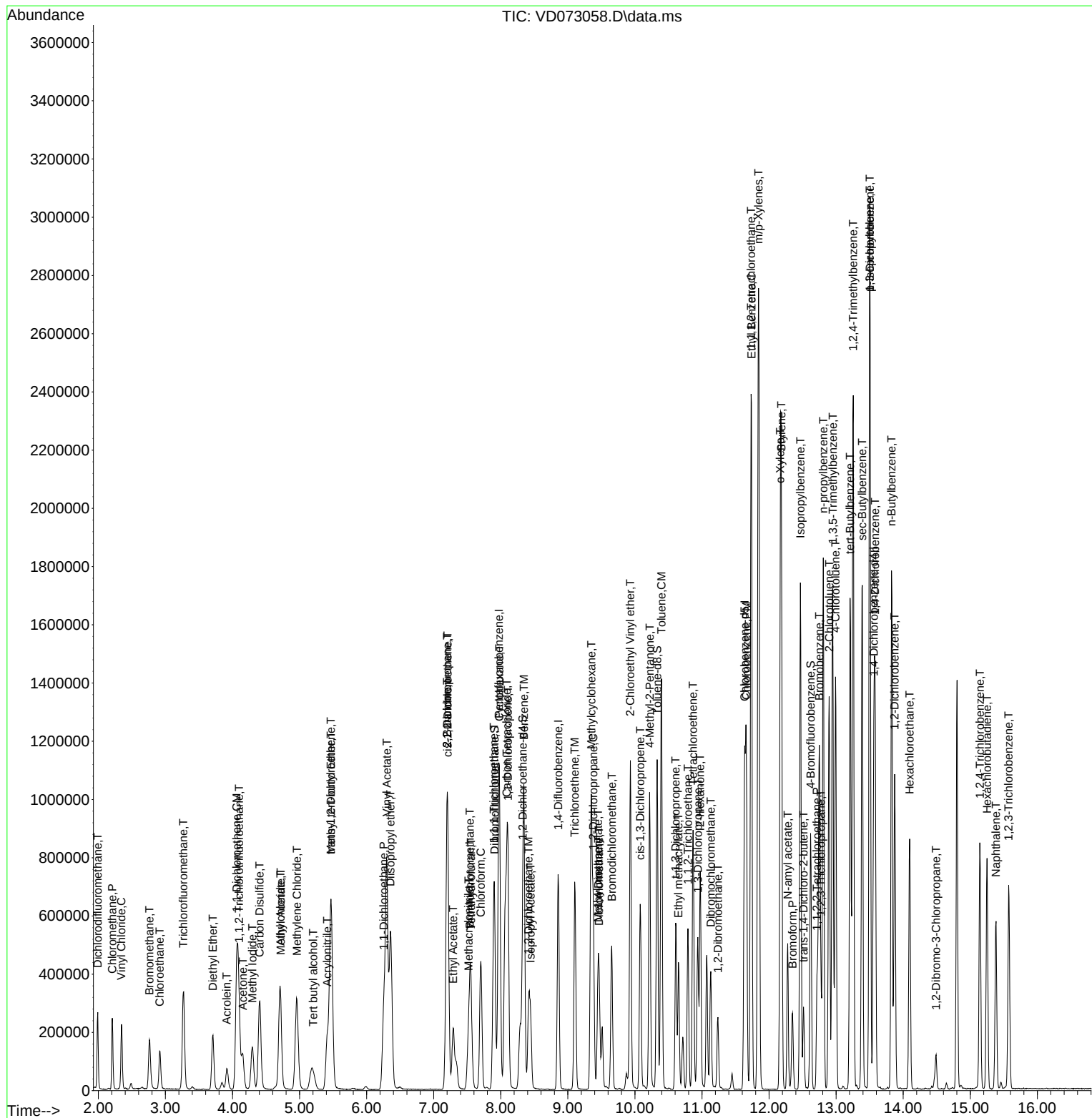
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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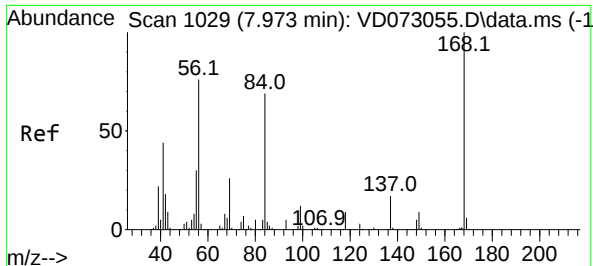
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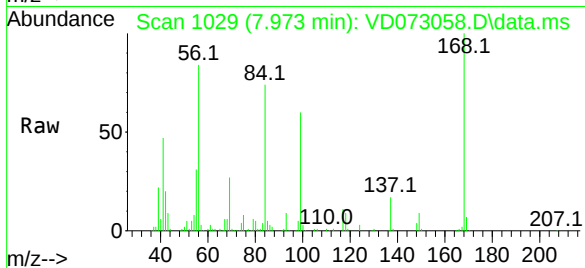
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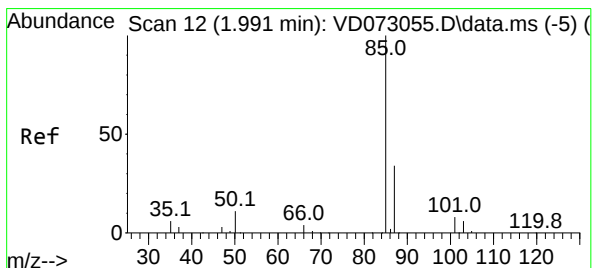
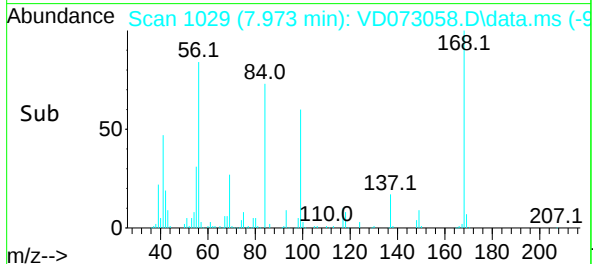
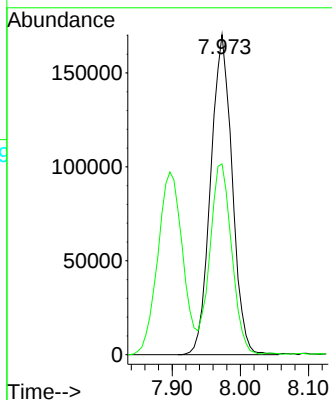


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073058.D
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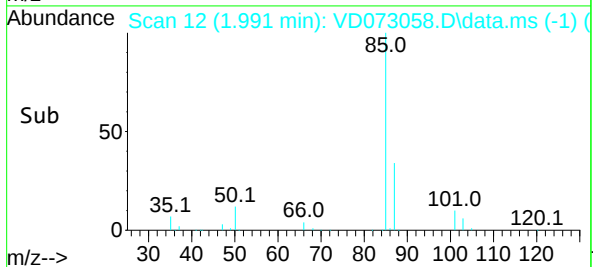
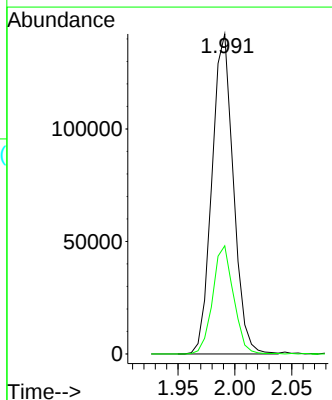
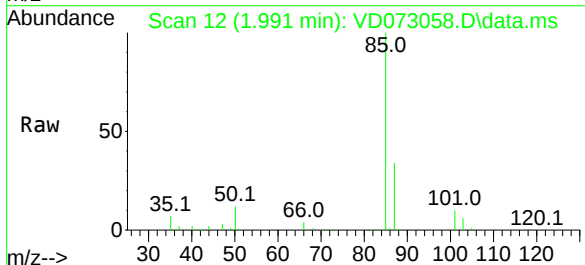


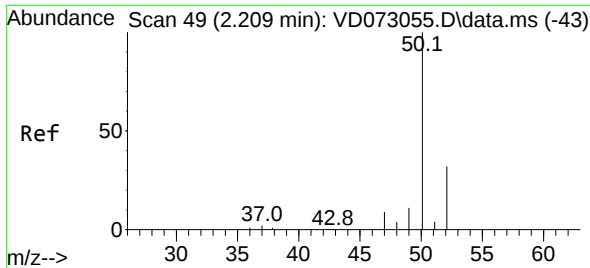
Tgt Ion:168 Resp: 373563
Ion Ratio Lower Upper
168 100
99 59.3 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 39.972 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 85 Resp: 186718
Ion Ratio Lower Upper
85 100
87 33.8 15.7 47.0

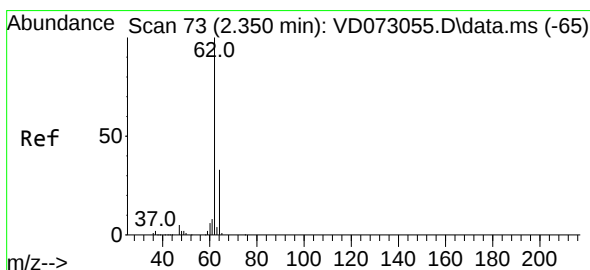
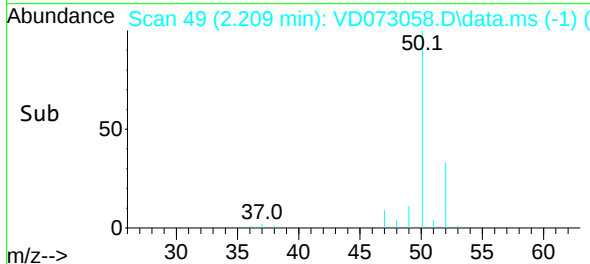
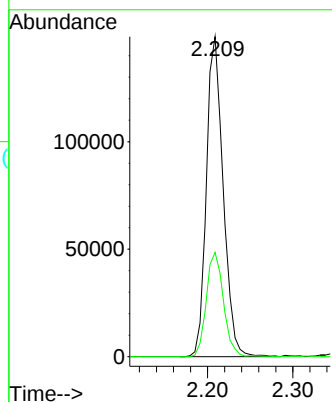
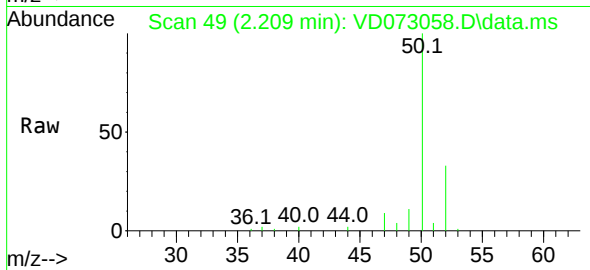




#3
Chloromethane
Concen: 42.232 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

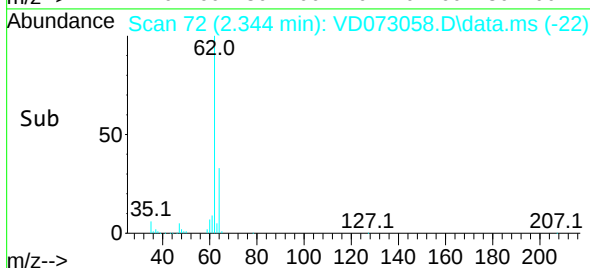
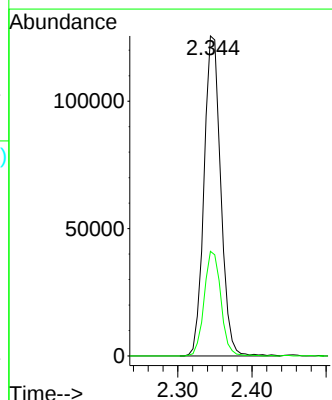
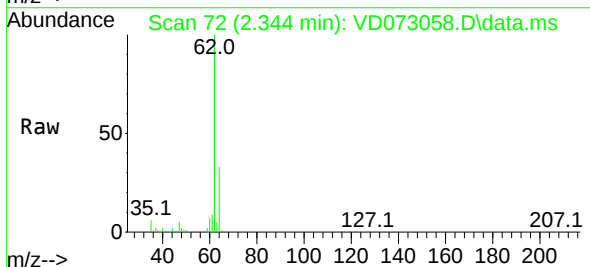
Instrument :
MSVOA_D
ClientSampleId :

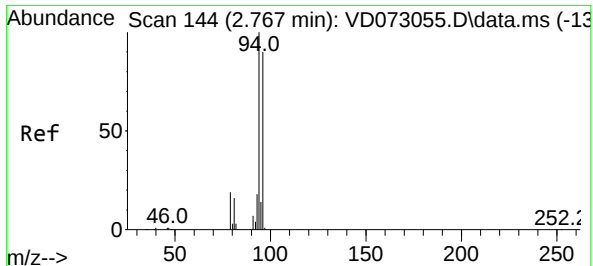
Tgt Ion: 50 Resp: 203375
Ion Ratio Lower Upper
50 100
52 32.6 27.4 41.0



#4
Vinyl Chloride
Concen: 44.427 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 62 Resp: 196763
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

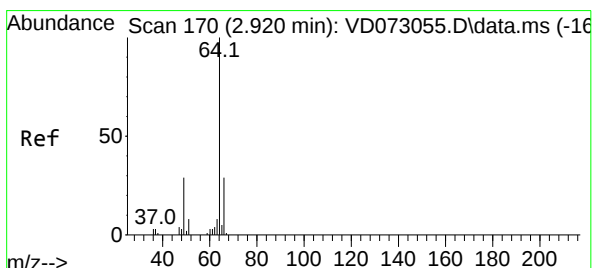
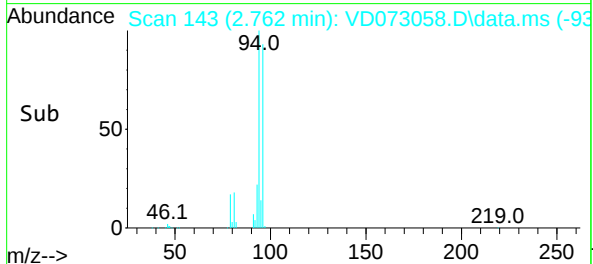
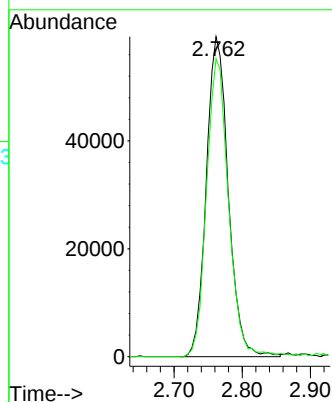
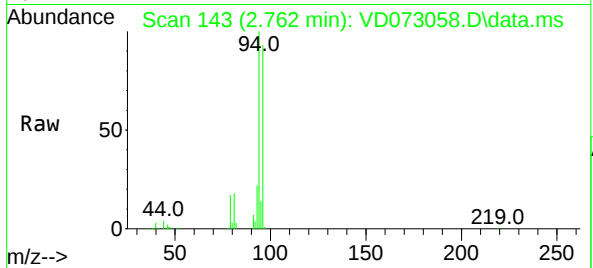




#5
Bromomethane
Concen: 42.227 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.005 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

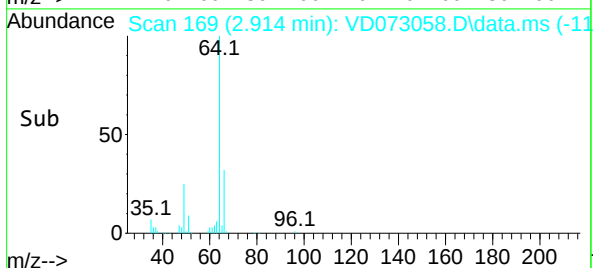
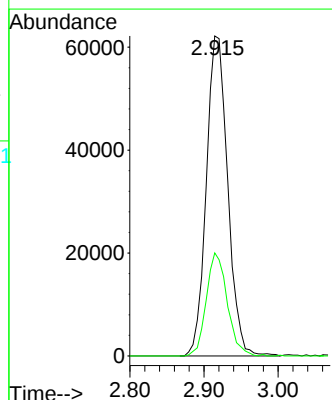
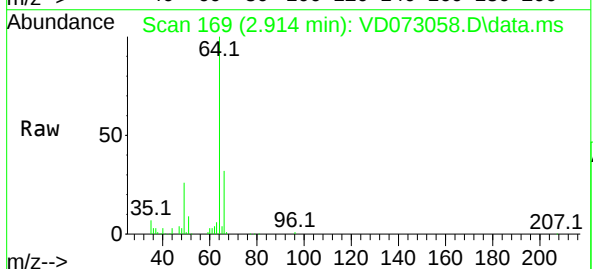
Instrument :
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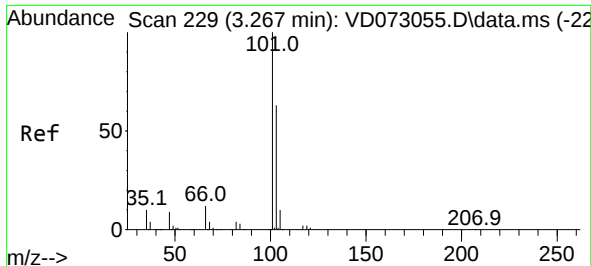
Tgt Ion: 94 Resp: 132831
Ion Ratio Lower Upper
94 100
96 93.1 77.6 116.4



#6
Chloroethane
Concen: 45.208 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 64 Resp: 124683
Ion Ratio Lower Upper
64 100
66 32.2 25.9 38.9

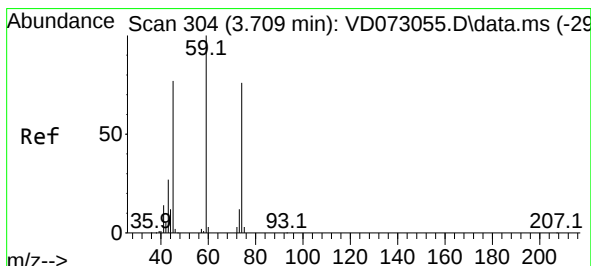
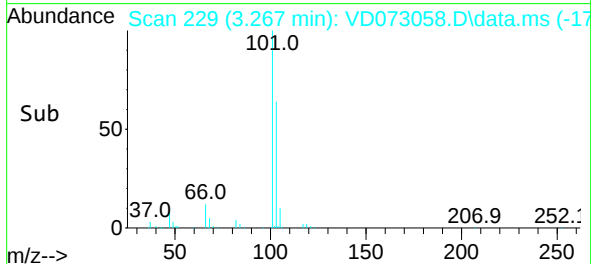
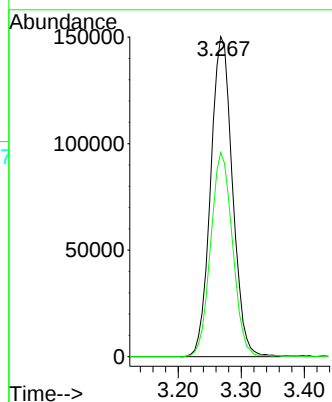
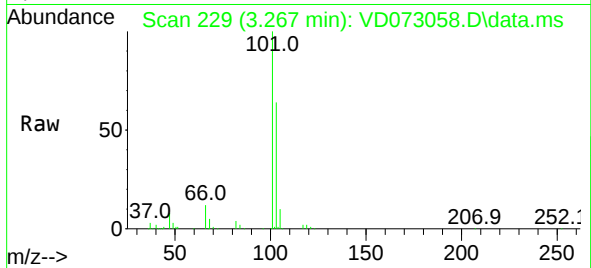




#7
 Trichlorofluoromethane
 Concen: 44.523 ug/l
 RT: 3.267 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073058.D
 Acq: 17 May 2022 15:16

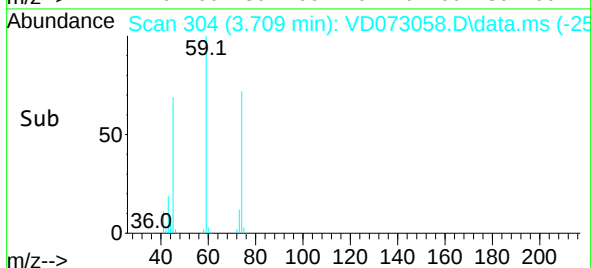
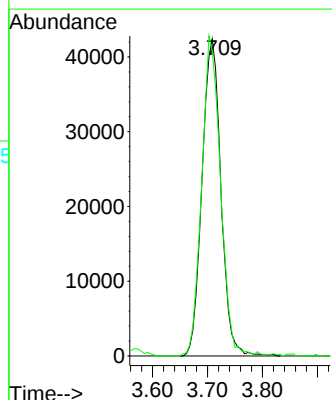
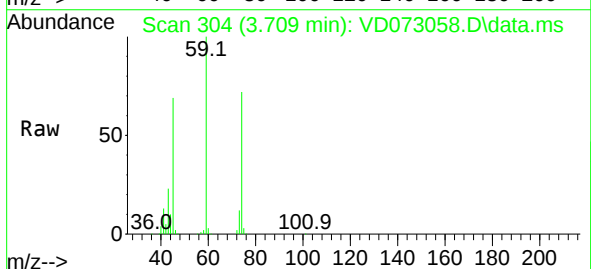
Instrument :
 MSVOA_D
 ClientSampleId :

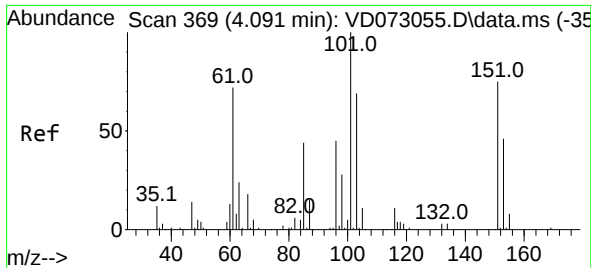
Tgt Ion:101 Resp: 360853
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.1 75.1



#8
 Diethyl Ether
 Concen: 45.571 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073058.D
 Acq: 17 May 2022 15:16

Tgt Ion: 74 Resp: 101064
 Ion Ratio Lower Upper
 74 100
 45 100.4 52.6 157.8

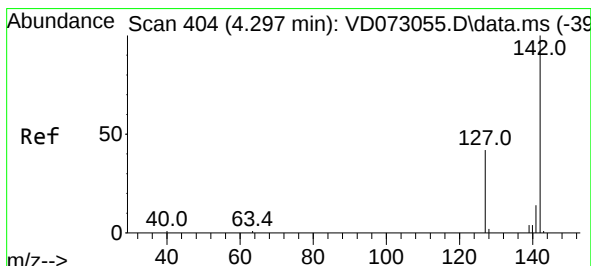
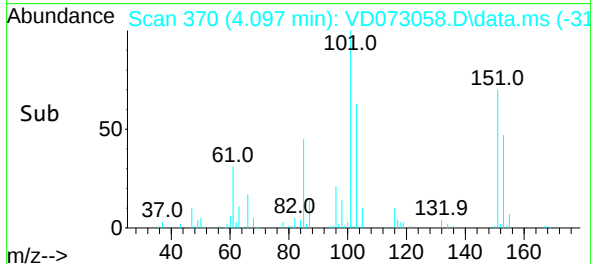
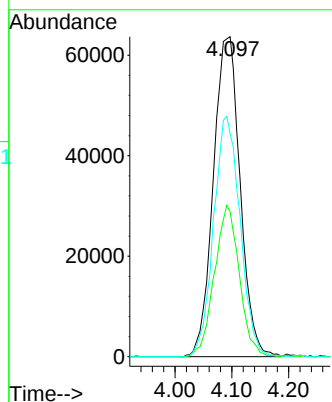
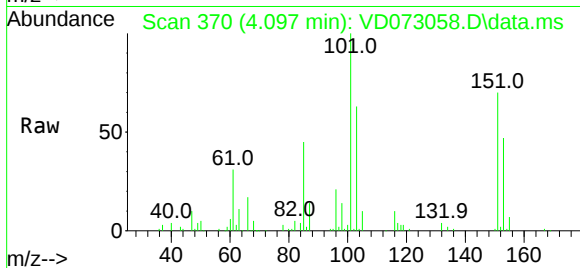




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.471 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

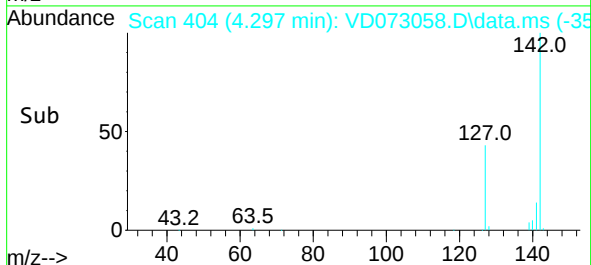
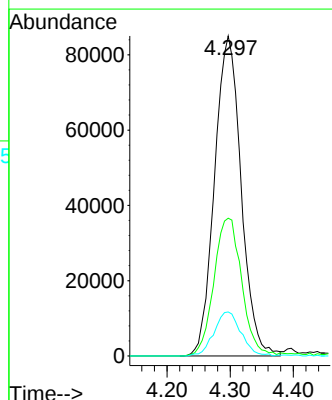
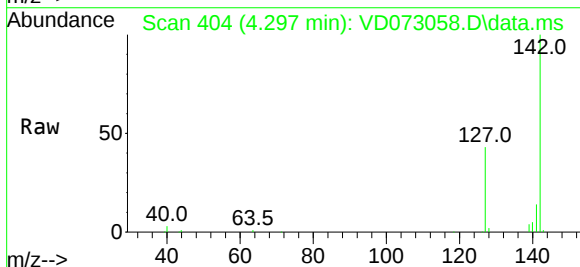
Instrument :
MSVOA_D
ClientSampleId :

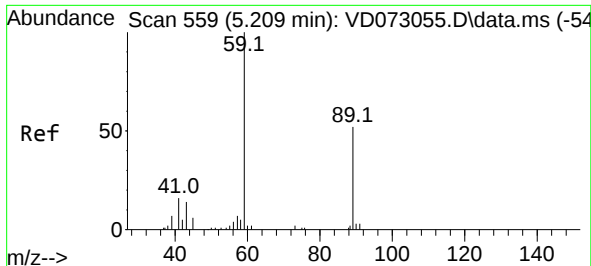
Tgt Ion:101 Resp: 208640
Ion Ratio Lower Upper
101 100
85 43.9 36.4 54.6
151 74.4 57.3 85.9



#10
Methyl Iodide
Concen: 44.984 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

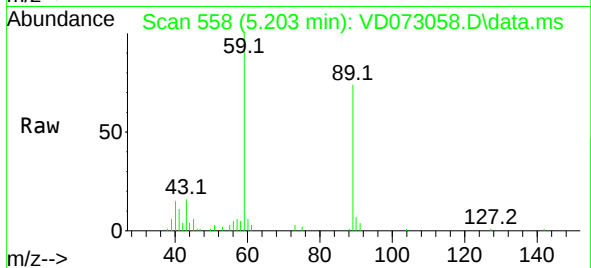
Tgt Ion:142 Resp: 248642
Ion Ratio Lower Upper
142 100
127 45.0 37.3 55.9
141 14.0 11.7 17.5



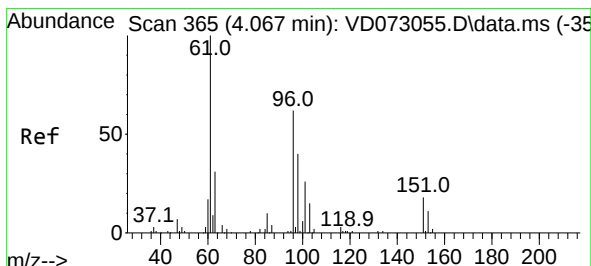
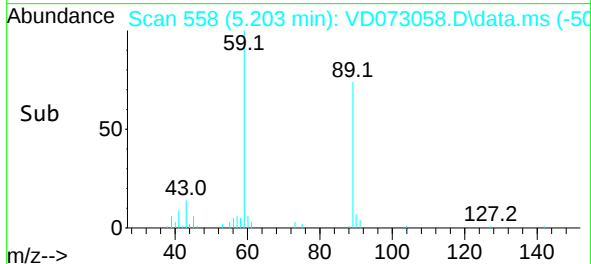
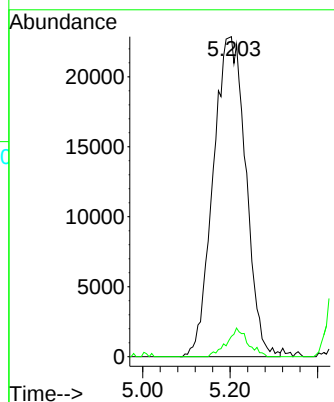


#11
Tert butyl alcohol
Concen: 163.688 ug/l
RT: 5.203 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Instrument :
MSVOA_D
ClientSampleId :

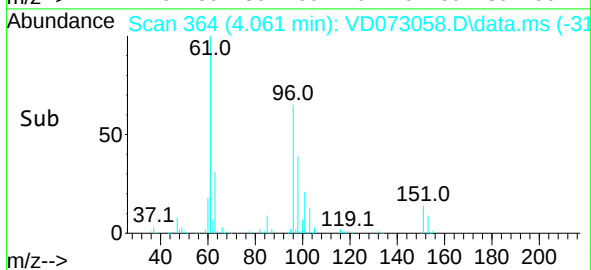
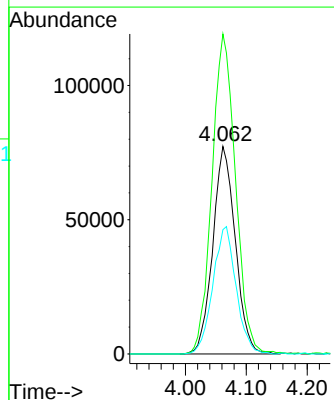
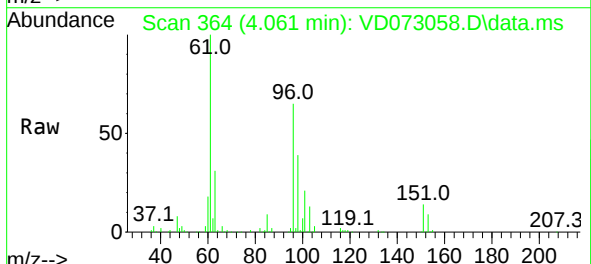


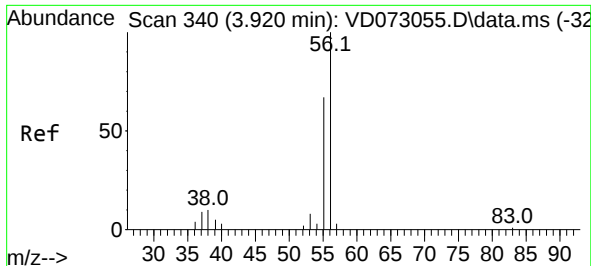
Tgt Ion: 59 Resp: 118281
Ion Ratio Lower Upper
59 100
57 5.7 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 45.820 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.006 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 96 Resp: 198863
Ion Ratio Lower Upper
96 100
61 154.1 138.5 207.7
98 59.9 48.6 73.0

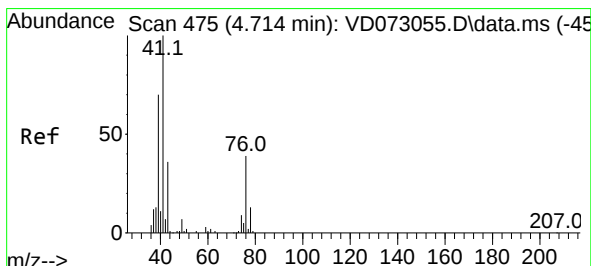
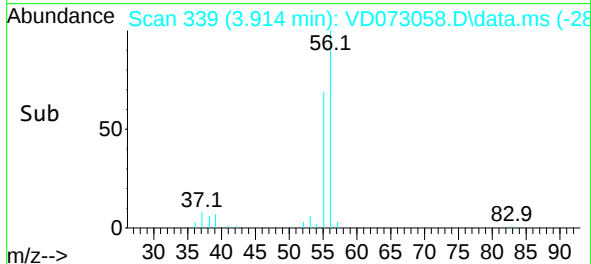
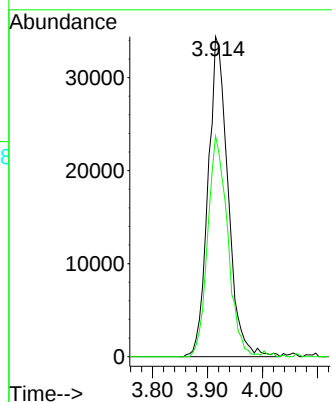
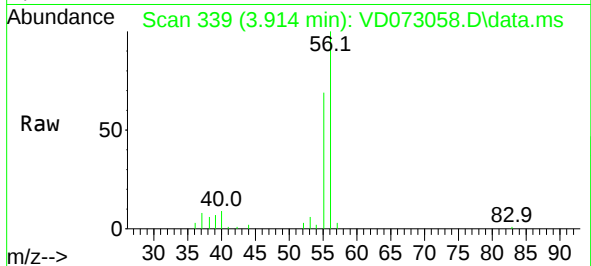




#13
Acrolein
Concen: 198.994 ug/l
RT: 3.914 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

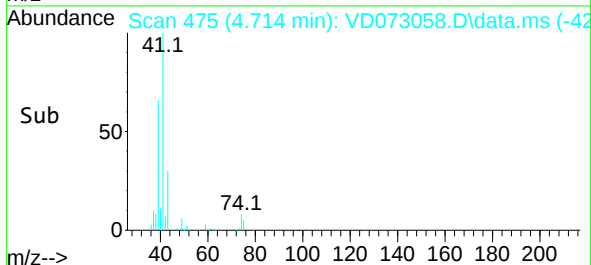
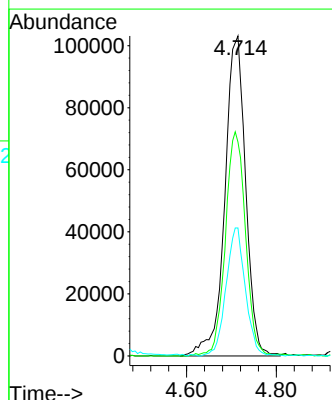
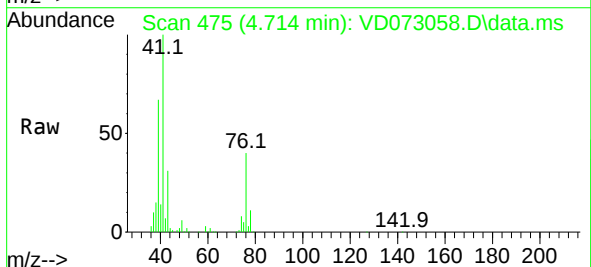
Instrument :
MSVOA_D
ClientSampleId :

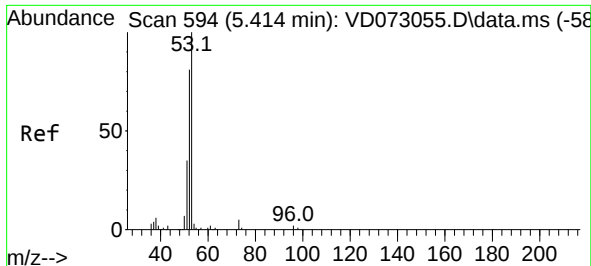
Tgt Ion: 56 Resp: 86531
Ion Ratio Lower Upper
56 100
55 68.8 57.1 85.7



#14
Allyl chloride
Concen: 48.409 ug/l
RT: 4.714 min Scan# 475
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

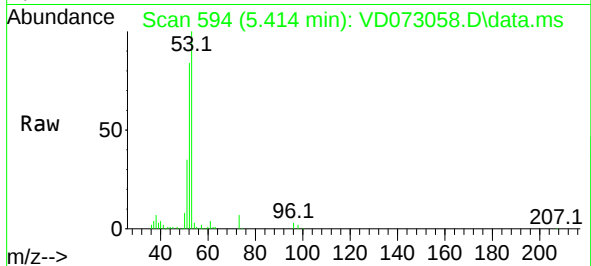
Tgt Ion: 41 Resp: 332870
Ion Ratio Lower Upper
41 100
39 67.7 59.3 88.9
76 37.2 25.7 38.5



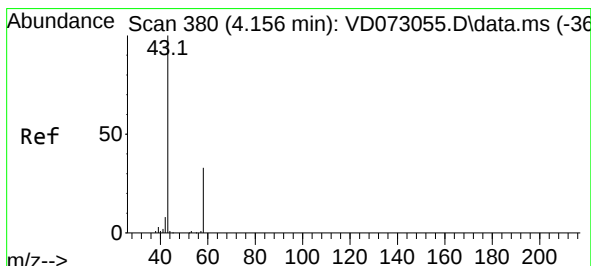
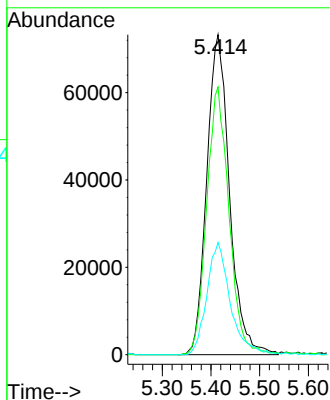
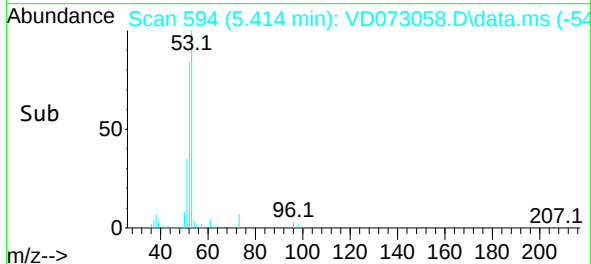


#15
Acrylonitrile
Concen: 223.701 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Instrument :
MSVOA_D
ClientSampleId :

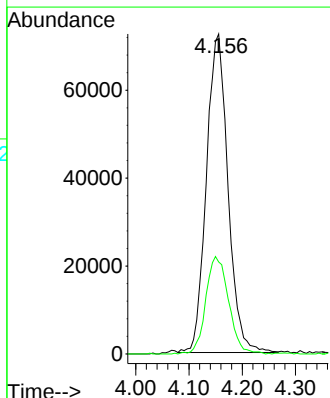
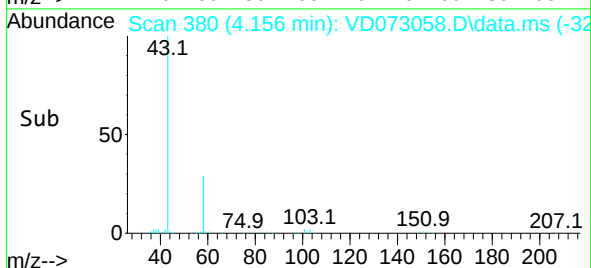
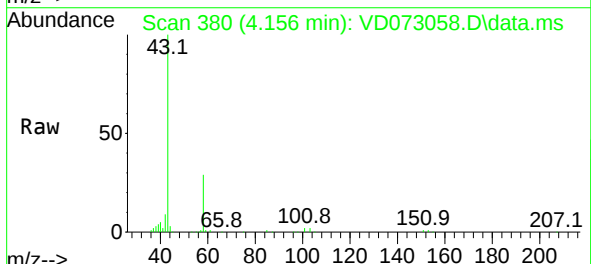


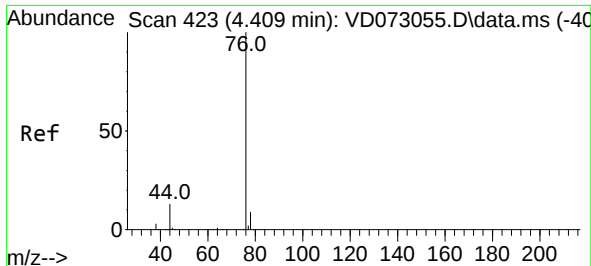
Tgt Ion: 53 Resp: 237774
Ion Ratio Lower Upper
53 100
52 82.0 67.2 100.8
51 36.1 30.3 45.5



#16
Acetone
Concen: 241.666 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 43 Resp: 204307
Ion Ratio Lower Upper
43 100
58 28.9 22.1 33.1

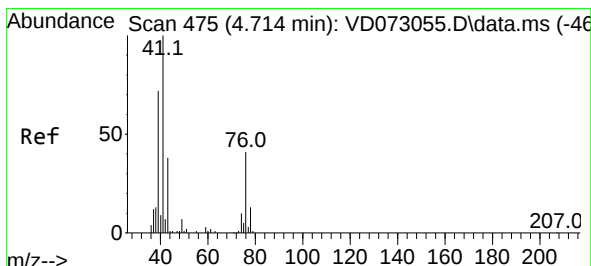
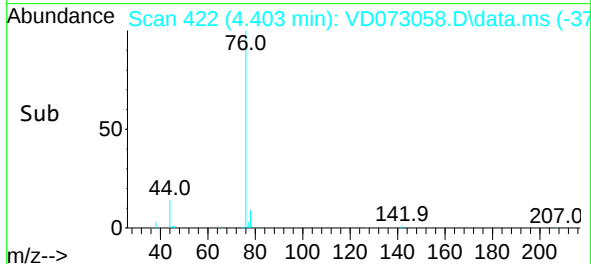
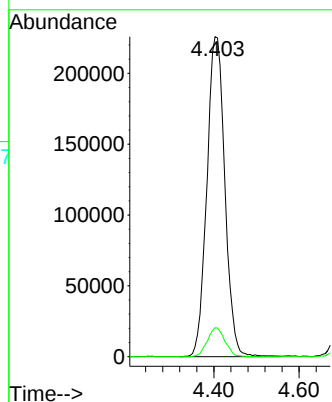
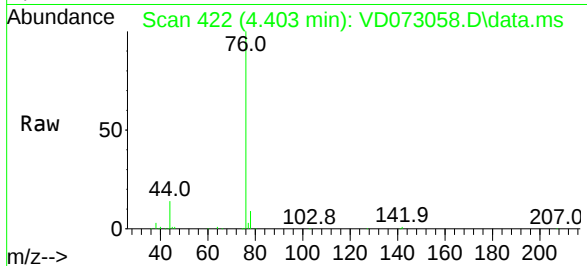




#17
Carbon Disulfide
Concen: 45.545 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

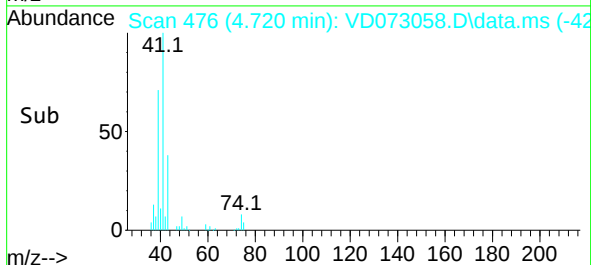
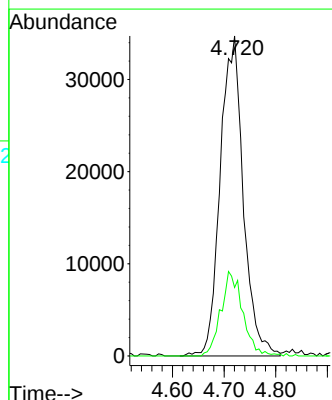
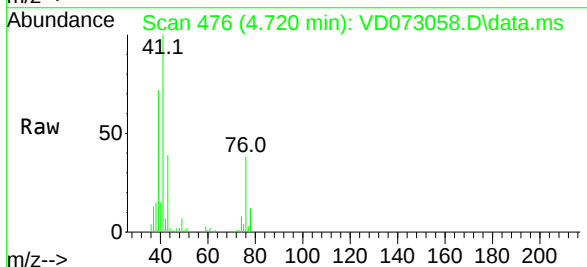
Instrument :
MSVOA_D
ClientSampleId :

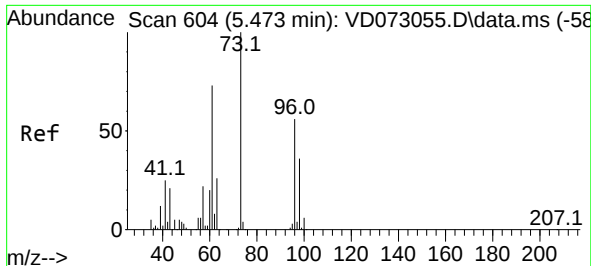
Tgt Ion: 76 Resp: 662051
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 42.341 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 43 Resp: 107504
Ion Ratio Lower Upper
43 100
74 25.0 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 48.086 ug/l

RT: 5.467 min Scan# 604

Delta R.T. -0.006 min

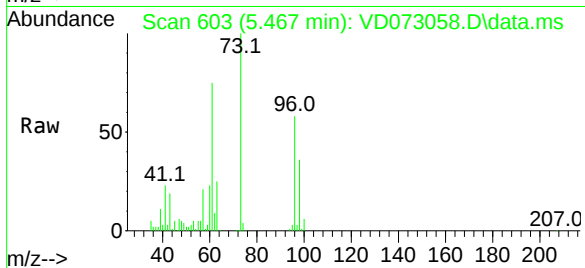
Lab File: VD073058.D

Acq: 17 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :

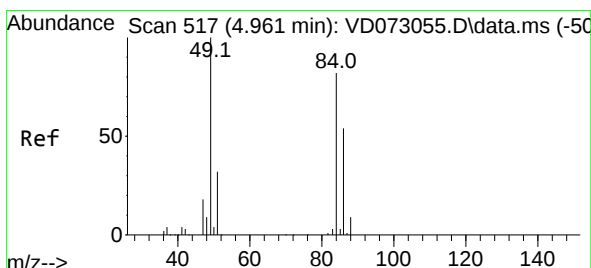
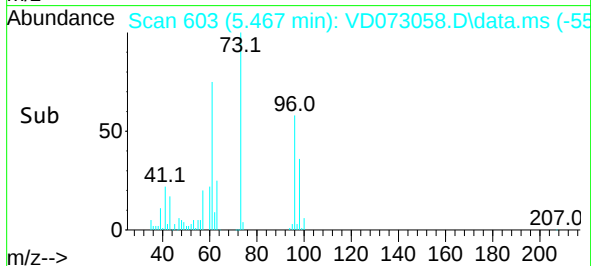
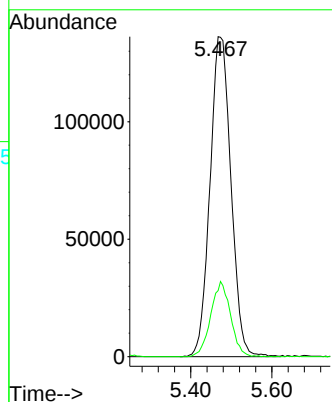


Tgt Ion: 73 Resp: 488066

Ion Ratio Lower Upper

73 100

57 20.7 18.0 27.0



#20

Methylene Chloride

Concen: 40.336 ug/l

RT: 4.961 min Scan# 517

Delta R.T. 0.000 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

Tgt Ion: 84 Resp: 247500

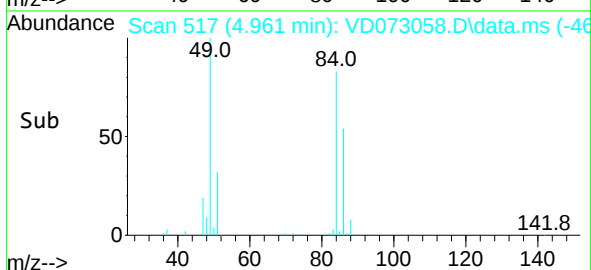
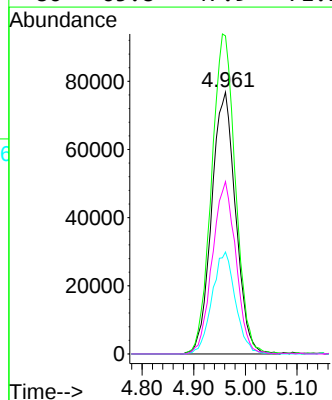
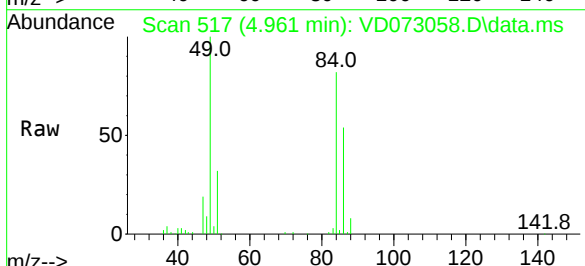
Ion Ratio Lower Upper

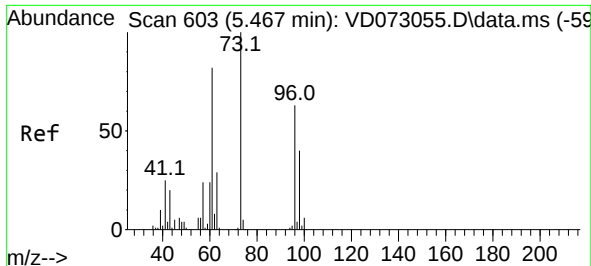
84 100

49 121.5 112.8 169.2

51 38.9 32.6 48.8

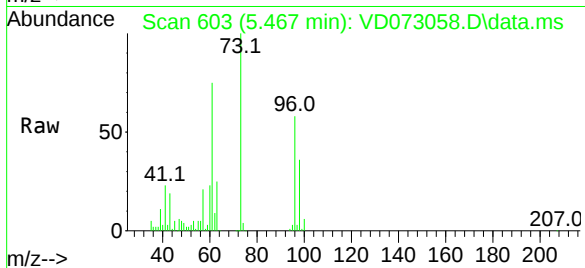
86 65.8 47.9 71.9



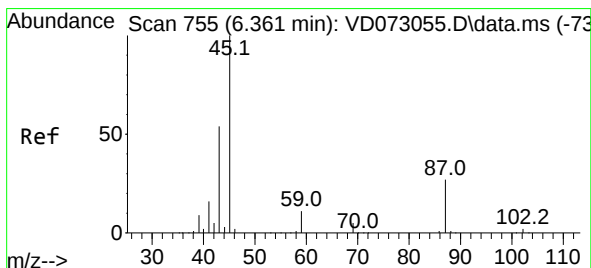
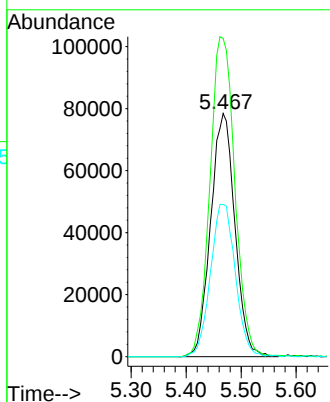
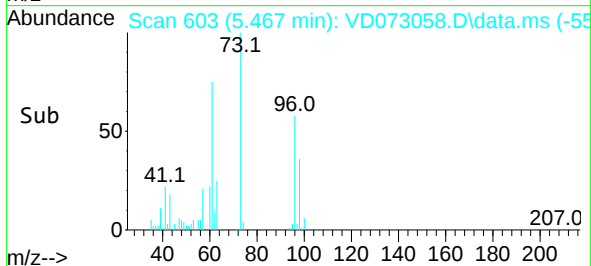


#21
trans-1,2-Dichloroethene
Concen: 46.516 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Instrument :
MSVOA_D
ClientSampleId :

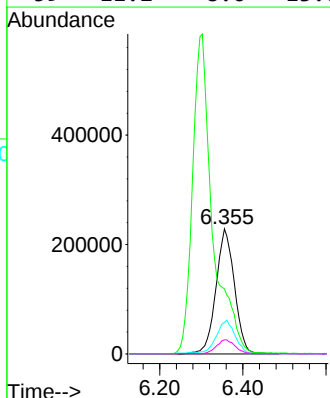
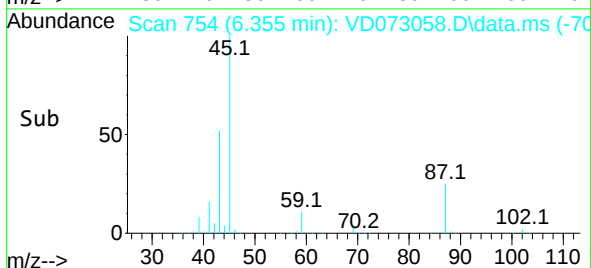
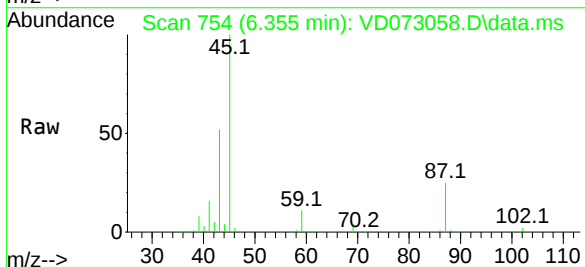


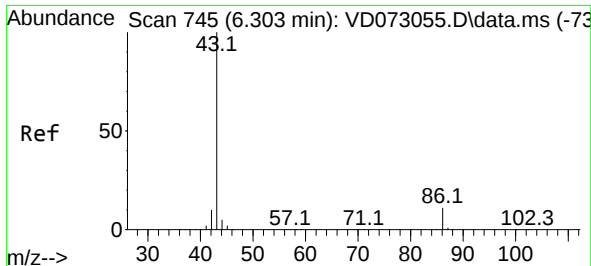
Tgt Ion: 96 Resp: 240144
Ion Ratio Lower Upper
96 100
61 130.8 117.9 176.9
98 62.6 49.4 74.2



#22
Diisopropyl ether
Concen: 48.037 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 45 Resp: 708988
Ion Ratio Lower Upper
45 100
43 51.4 46.6 70.0
87 25.1 18.4 27.6
59 11.2 8.6 13.0

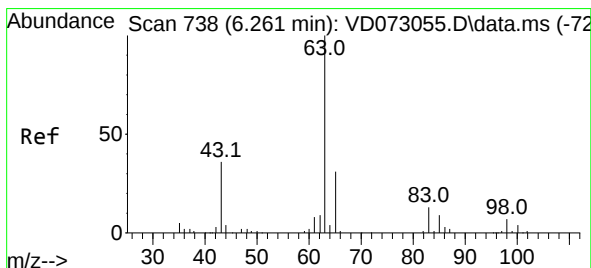
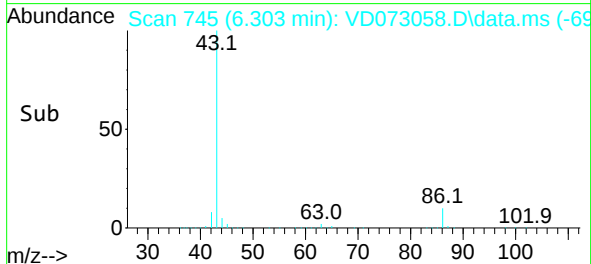
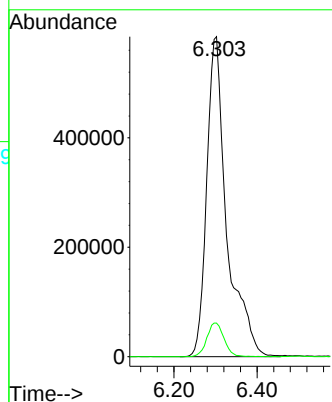
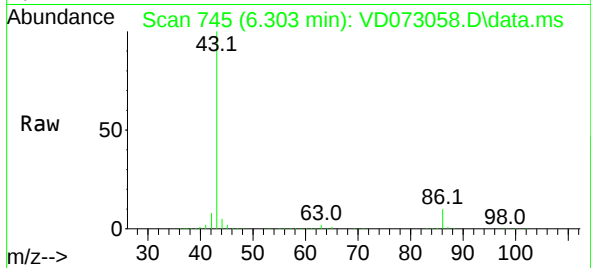




#23
 Vinyl Acetate
 Concen: 245.442 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD073058.D
 Acq: 17 May 2022 15:16

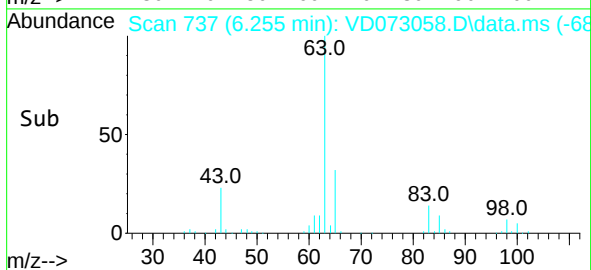
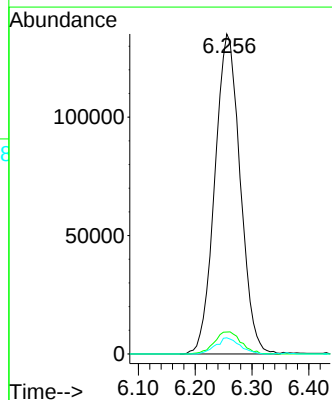
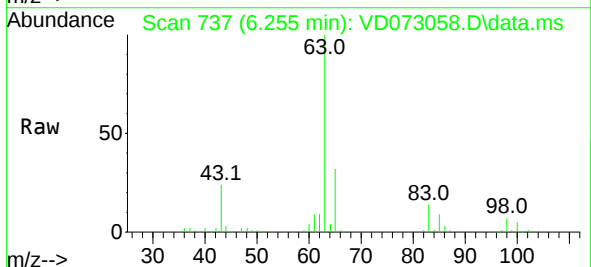
Instrument :
 MSVOA_D
 ClientSampleId :

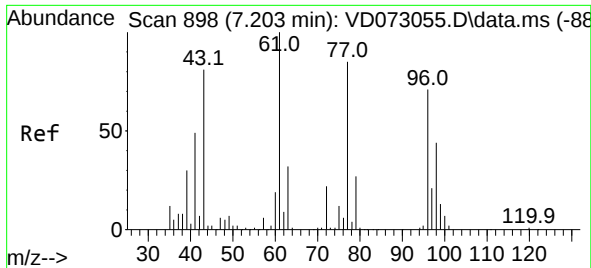
Tgt Ion: 43 Resp: 1956980
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 45.689 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073058.D
 Acq: 17 May 2022 15:16

Tgt Ion: 63 Resp: 419518
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 5.1 2.1 6.5

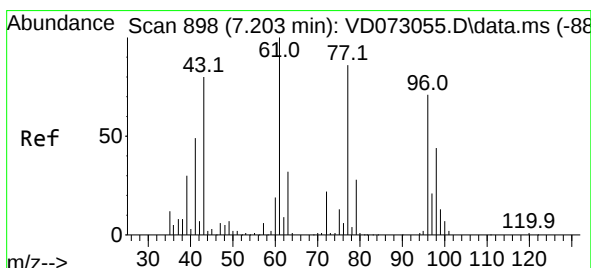
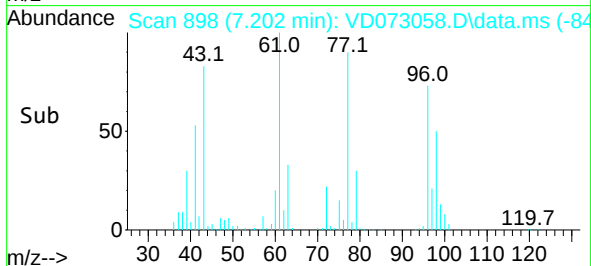
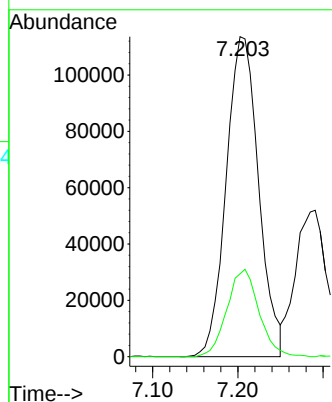
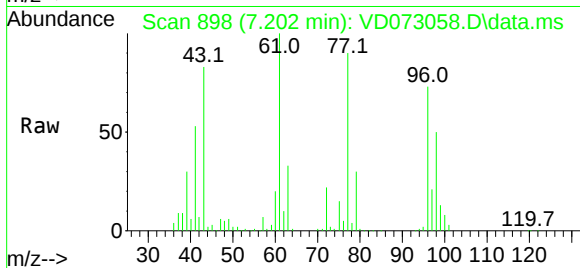




#25
2-Butanone
Concen: 234.824 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

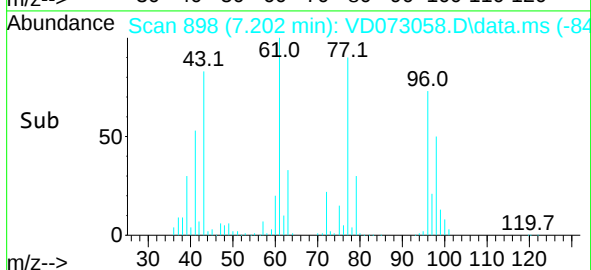
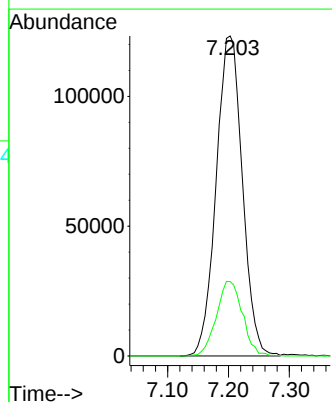
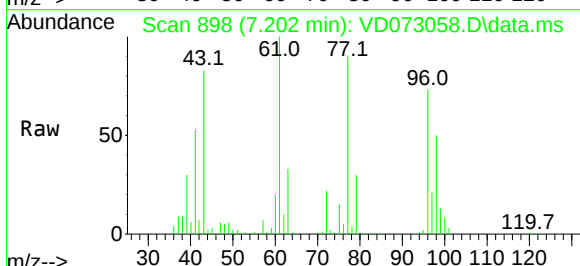
Instrument :
MSVOA_D
ClientSampleId :

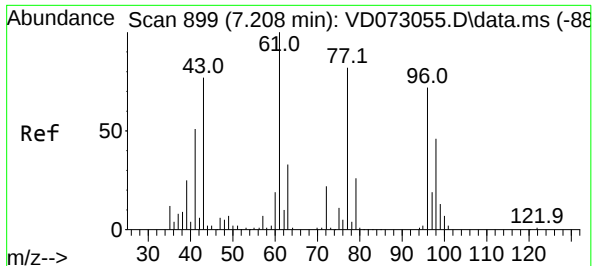
Tgt Ion: 43 Resp: 300614
Ion Ratio Lower Upper
43 100
72 25.9 18.6 27.8



#26
2,2-Dichloropropane
Concen: 47.416 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 77 Resp: 368605
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.4

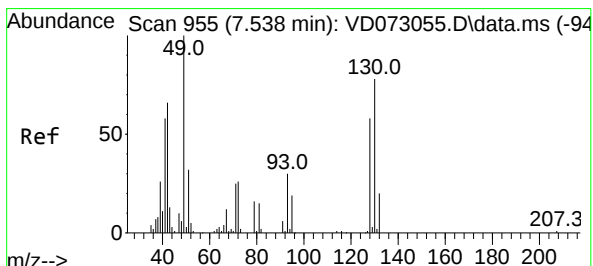
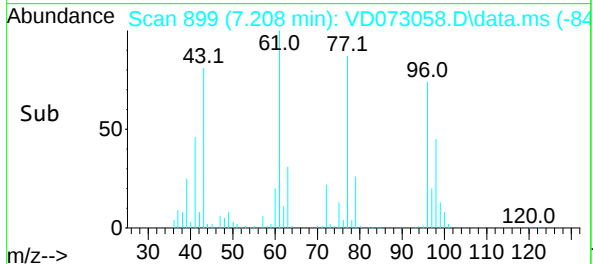
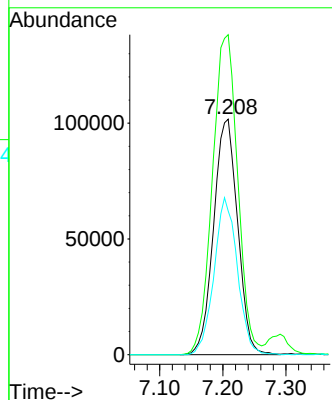
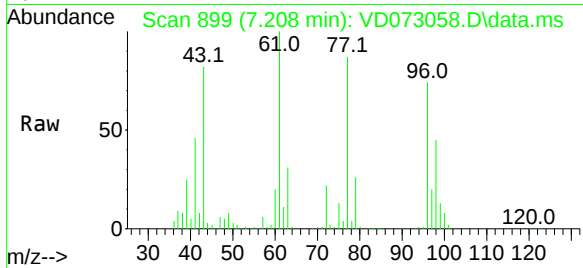




#27
 cis-1,2-Dichloroethene
 Concen: 47.265 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073058.D
 Acq: 17 May 2022 15:16

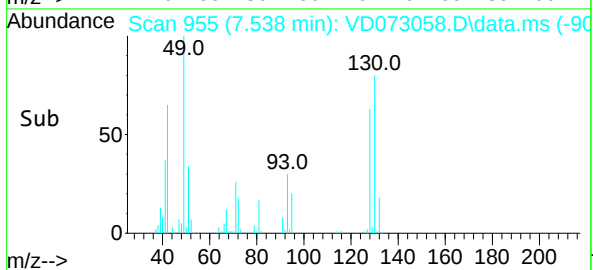
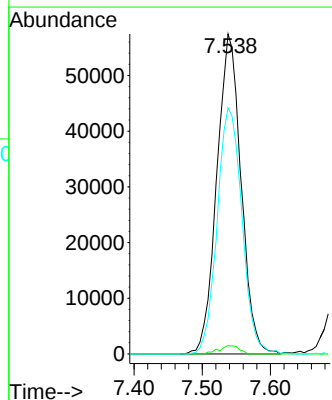
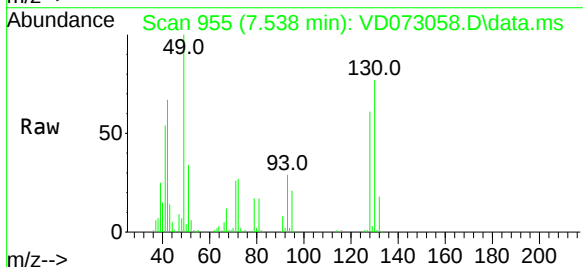
Instrument :
 MSVOA_D
 ClientSampleId :

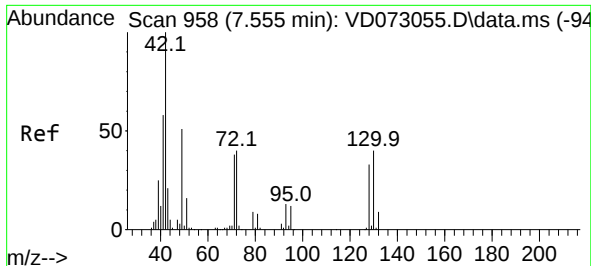
Tgt Ion: 96 Resp: 269088
 Ion Ratio Lower Upper
 96 100
 61 142.9 0.0 313.8
 98 64.7 0.0 128.8



#28
 Bromochloromethane
 Concen: 45.187 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.000 min
 Lab File: VD073058.D
 Acq: 17 May 2022 15:16

Tgt Ion: 49 Resp: 142128
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 78.7 52.6 79.0





#29

Tetrahydrofuran

Concen: 232.324 ug/l

RT: 7.555 min Scan# 91

Delta R.T. 0.000 min

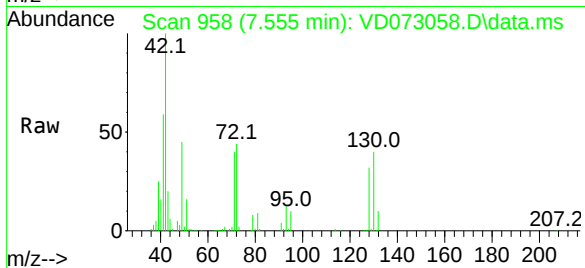
Lab File: VD073058.D

Acq: 17 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :



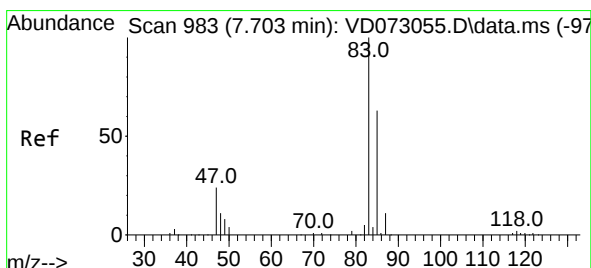
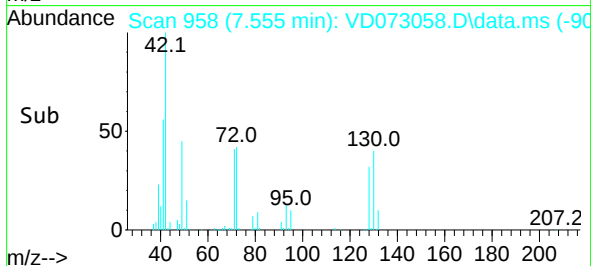
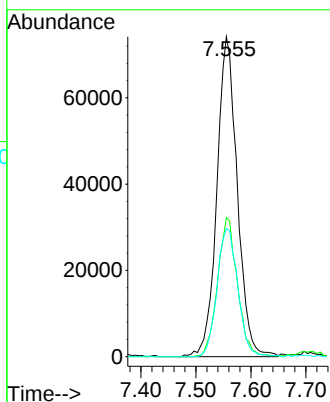
Tgt Ion: 42 Resp: 191377

Ion Ratio Lower Upper

42 100

72 42.3 30.7 46.1

71 40.7 28.6 43.0



#30

Chloroform

Concen: 44.682 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.001 min

Lab File: VD073058.D

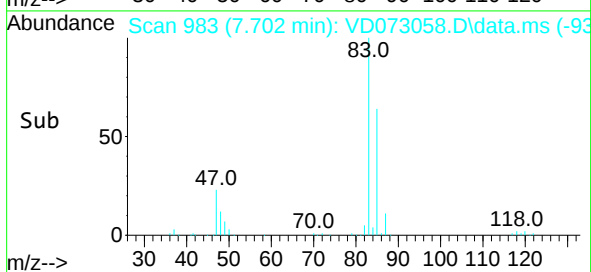
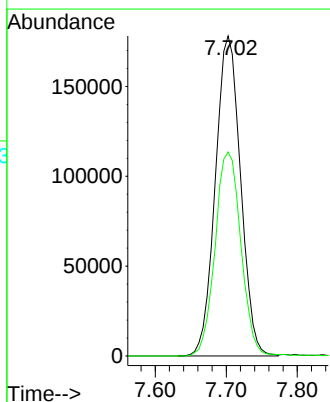
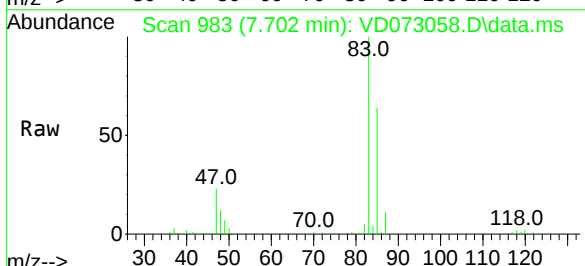
Acq: 17 May 2022 15:16

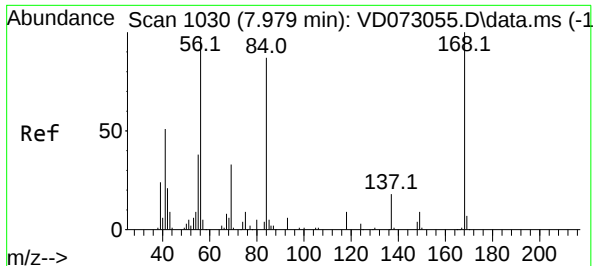
Tgt Ion: 83 Resp: 438989

Ion Ratio Lower Upper

83 100

85 63.7 52.7 79.1





#31

Cyclohexane

Concen: 45.560 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :

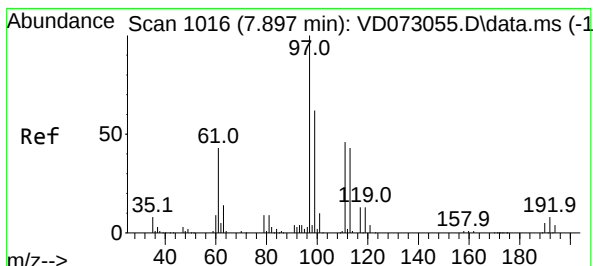
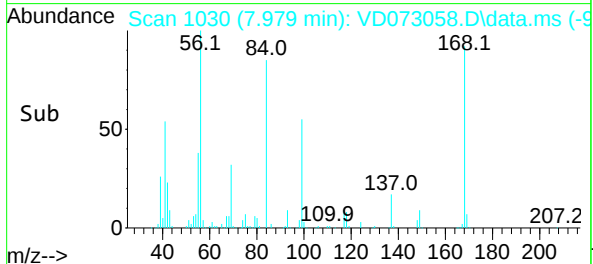
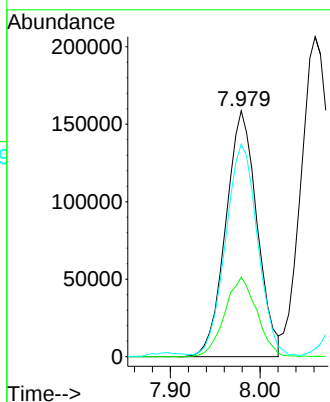
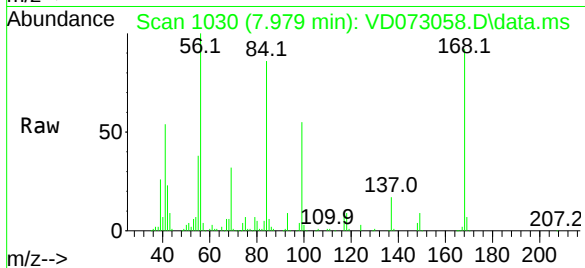
Tgt Ion: 56 Resp: 383384

Ion Ratio Lower Upper

56 100

69 32.3 25.4 38.2

84 85.1 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 46.359 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

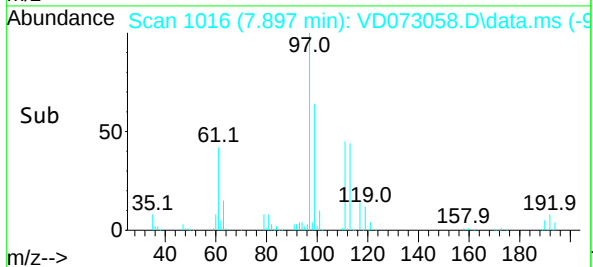
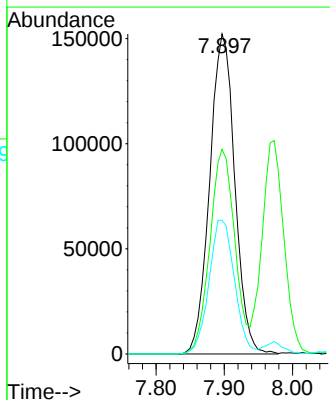
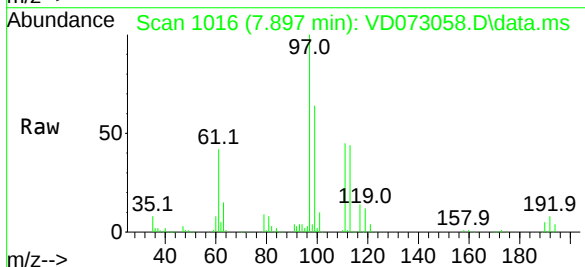
Tgt Ion: 97 Resp: 390204

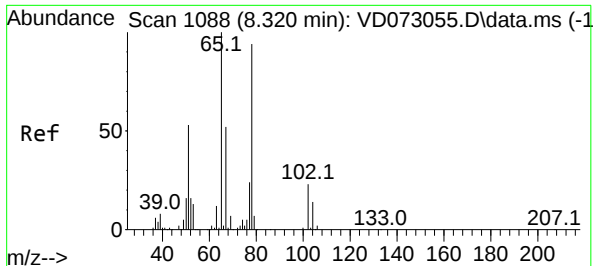
Ion Ratio Lower Upper

97 100

99 63.9 52.4 78.6

61 42.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 43.296 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

Instrument :

MSVOA_D

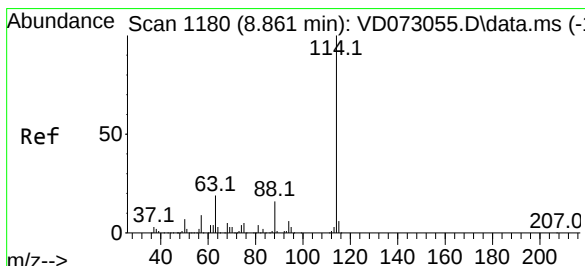
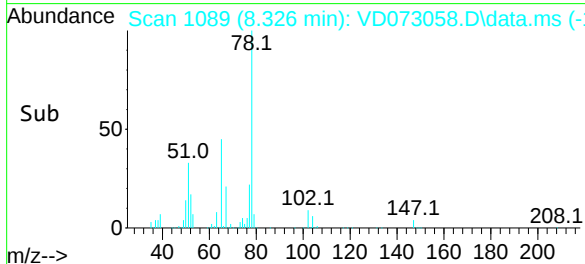
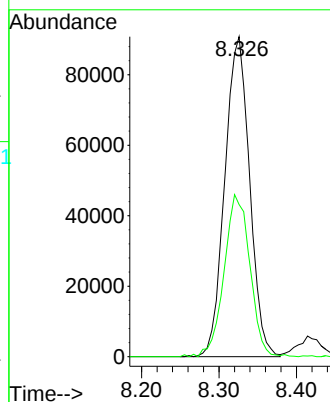
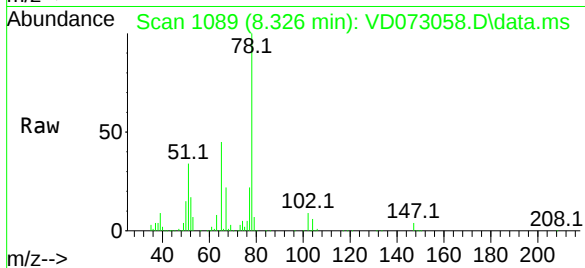
ClientSampleId :

Tgt Ion: 65 Resp: 202265

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

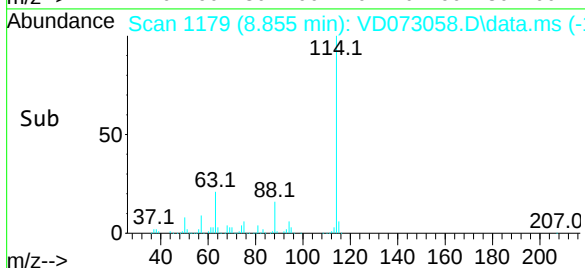
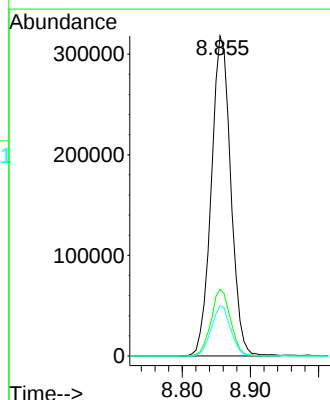
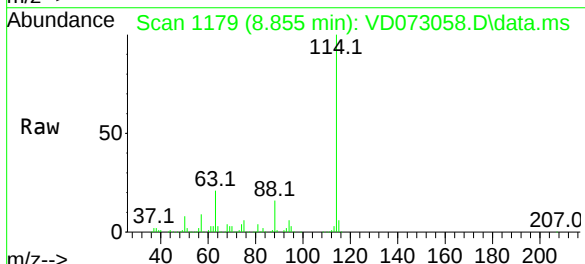
Tgt Ion: 114 Resp: 632926

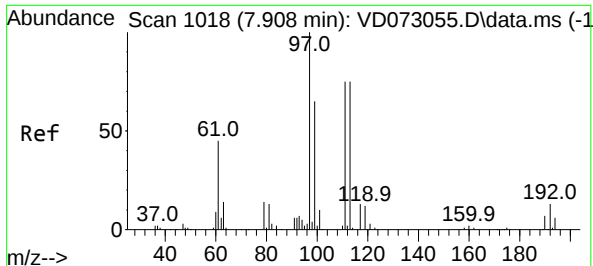
Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 15.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 46.056 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

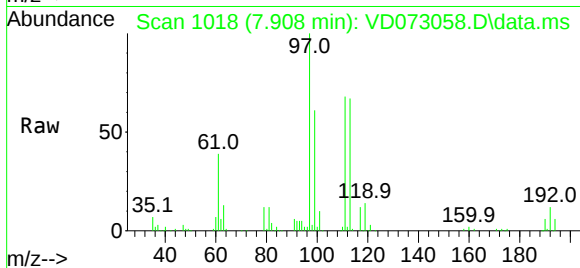
Lab File: VD073058.D

Acq: 17 May 2022 15:16

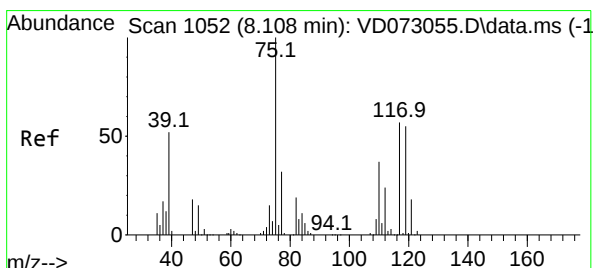
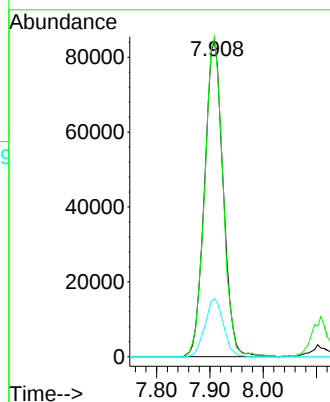
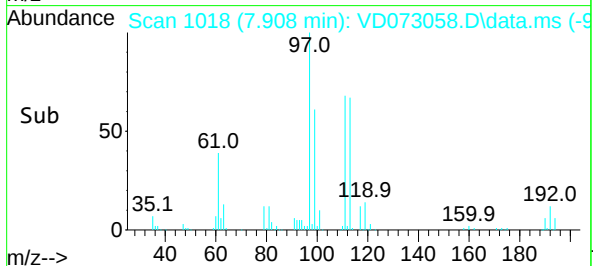
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	204666
Ion Ratio	Lower	Upper	
113	100		
111	99.1	83.8	125.6
192	18.4	14.6	21.8



#36

1,1-Dichloropropene

Concen: 45.840 ug/l

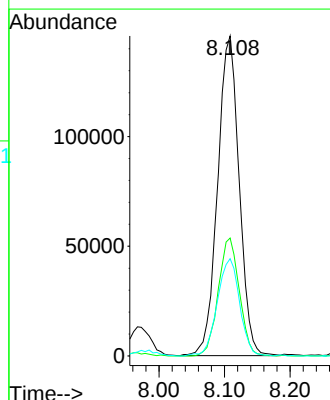
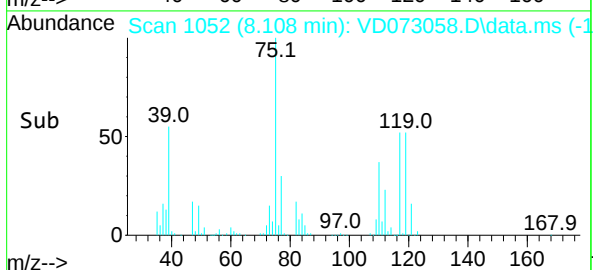
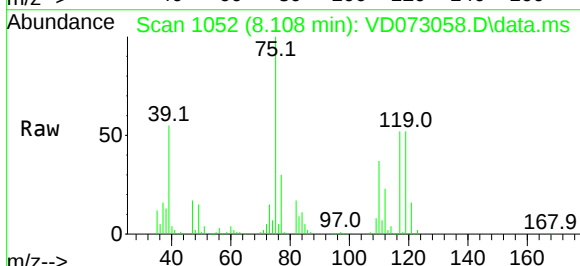
RT: 8.108 min Scan# 1052

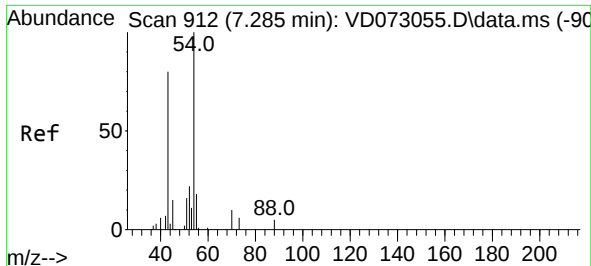
Delta R.T. 0.000 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

Tgt Ion:	75	Resp:	331920
Ion Ratio	Lower	Upper	
75	100		
110	36.1	16.4	49.1
77	31.6	24.2	36.2





#37

Ethyl Acetate

Concen: 45.315 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :

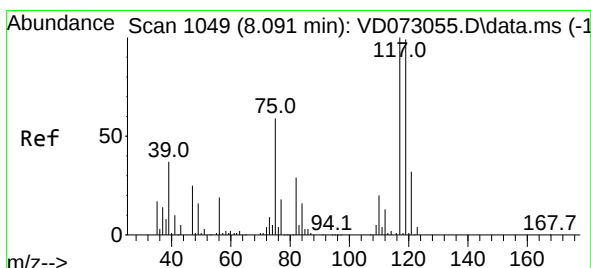
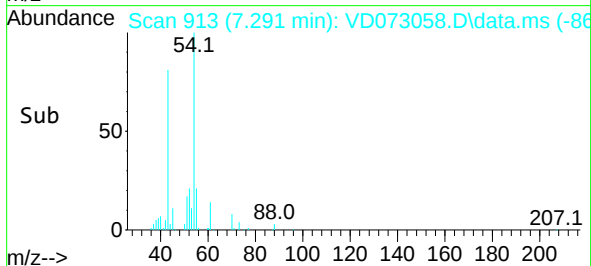
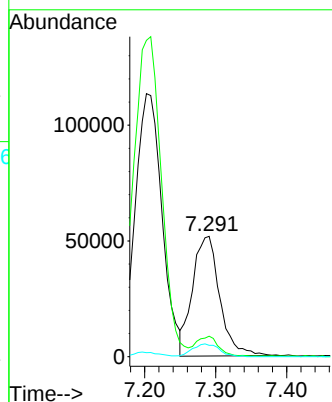
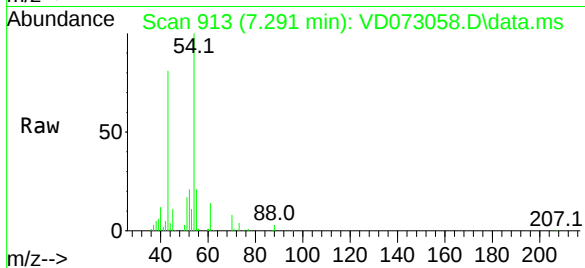
Tgt Ion: 43 Resp: 137801

Ion Ratio Lower Upper

43 100

61 13.9 9.8 14.8

70 10.6 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 45.690 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

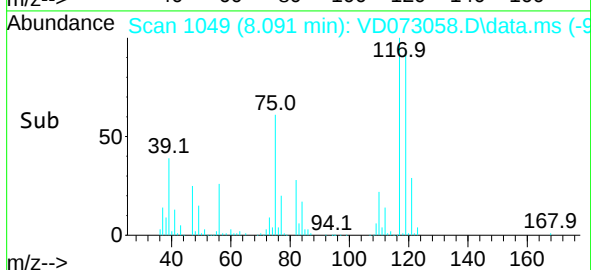
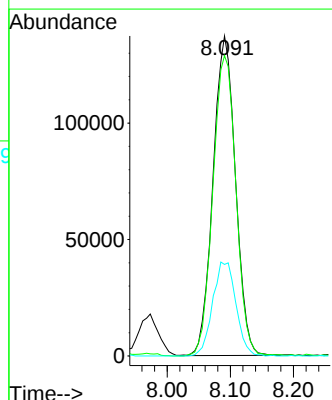
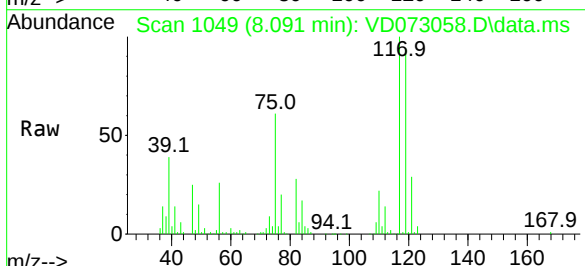
Tgt Ion: 117 Resp: 338474

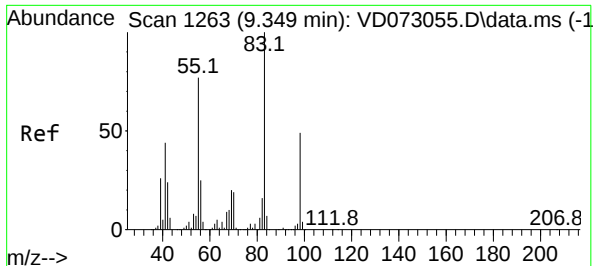
Ion Ratio Lower Upper

117 100

119 94.0 75.8 113.6

121 28.7 24.5 36.7





#39

Methylcyclohexane

Concen: 47.941 ug/l

RT: 9.349 min Scan# 11

Delta R.T. 0.000 min

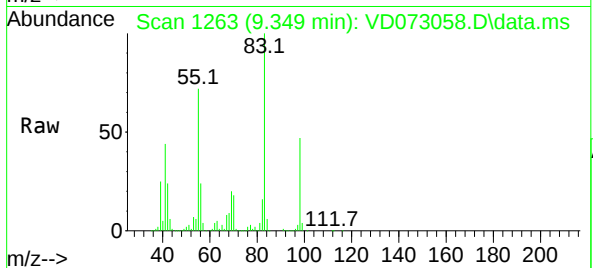
Lab File: VD073058.D

Acq: 17 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :



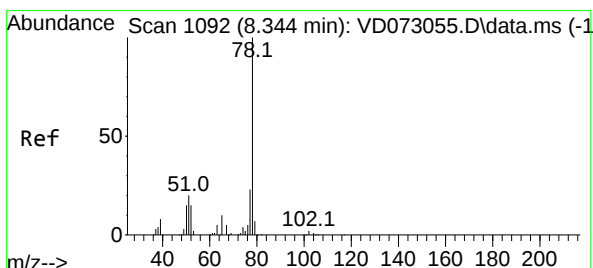
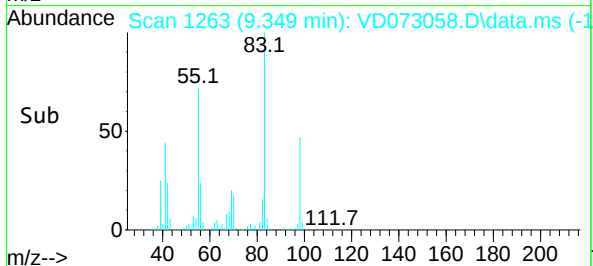
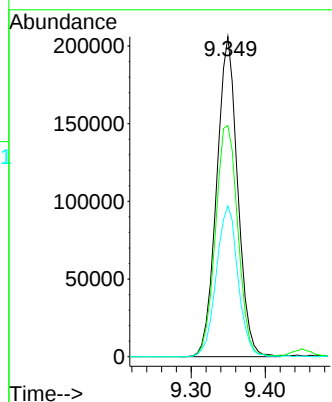
Tgt Ion: 83 Resp: 404780

Ion Ratio Lower Upper

83 100

55 72.2 63.2 94.8

98 47.1 38.2 57.4



#40

Benzene

Concen: 46.468 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073058.D

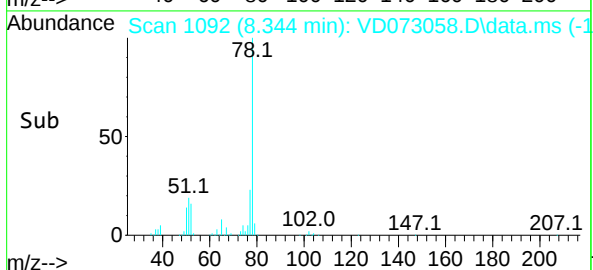
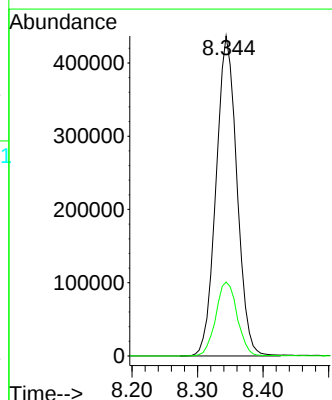
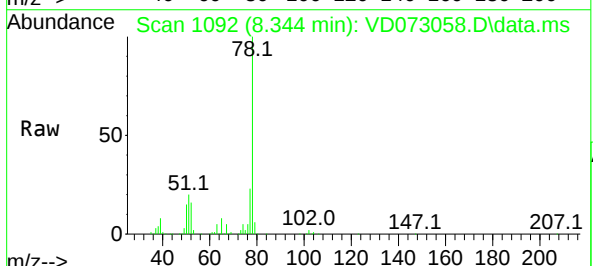
Acq: 17 May 2022 15:16

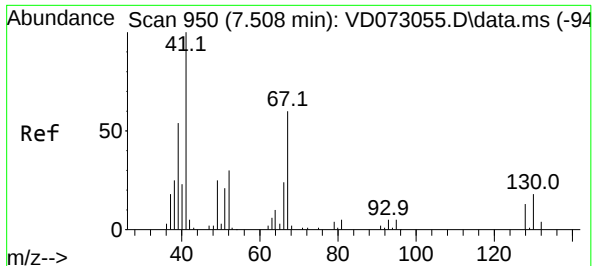
Tgt Ion: 78 Resp: 962083

Ion Ratio Lower Upper

78 100

77 23.1 19.1 28.7

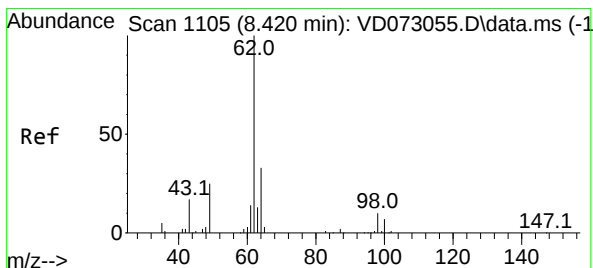
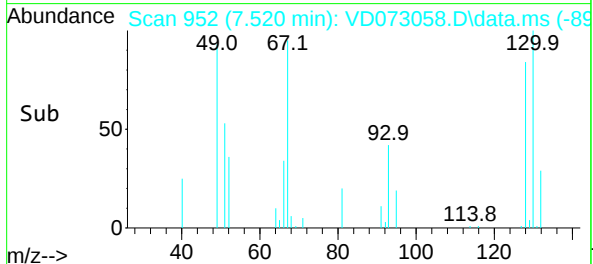
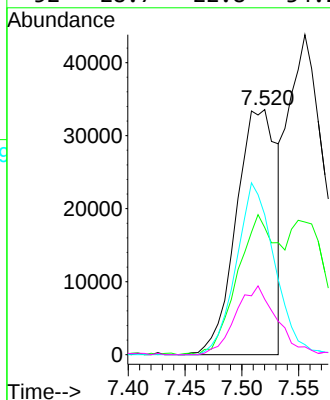
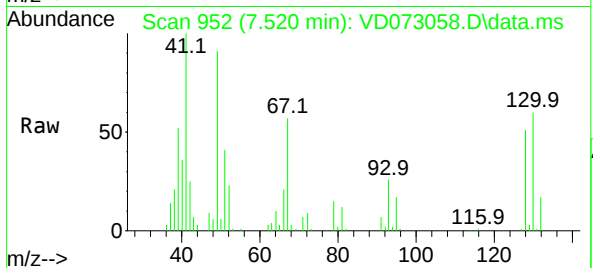




#41
Methacrylonitrile
Concen: 48.602 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

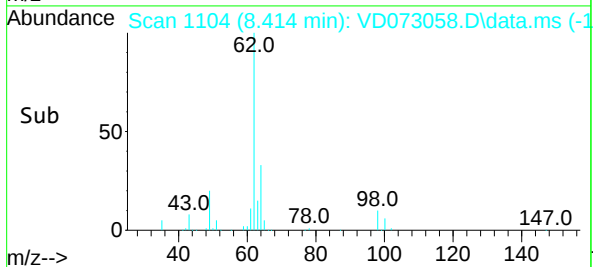
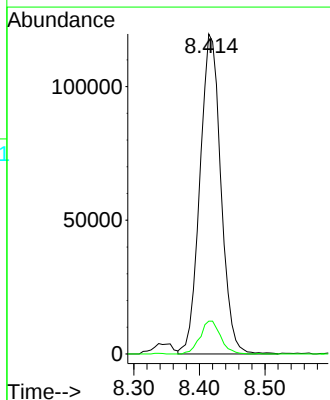
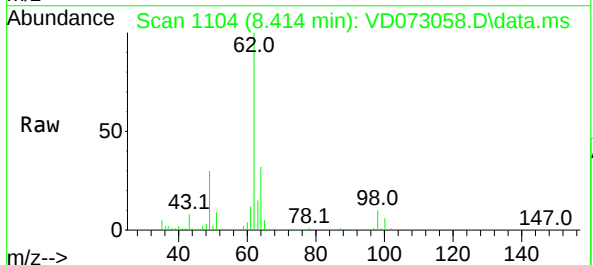
Instrument :
MSVOA_D
ClientSampleId :

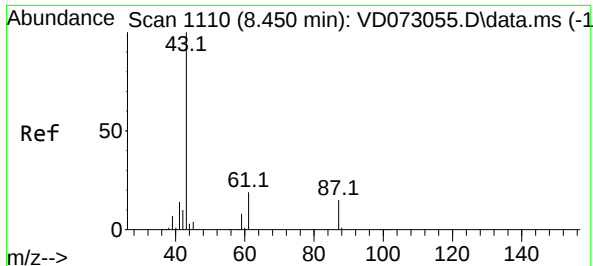
Tgt Ion: 41 Resp: 83340
Ion Ratio Lower Upper
41 100
39 59.8 44.6 67.0
67 66.5 48.2 72.4
52 28.7 22.8 34.2



#42
1,2-Dichloroethane
Concen: 44.190 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 62 Resp: 266307
Ion Ratio Lower Upper
62 100
98 10.1 0.0 17.6





#43

Isopropyl Acetate

Concen: 45.671 ug/l

RT: 8.444 min Scan# 1110

Delta R.T. -0.006 min

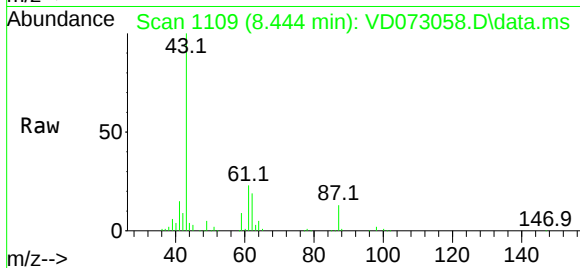
Lab File: VD073058.D

Acq: 17 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :



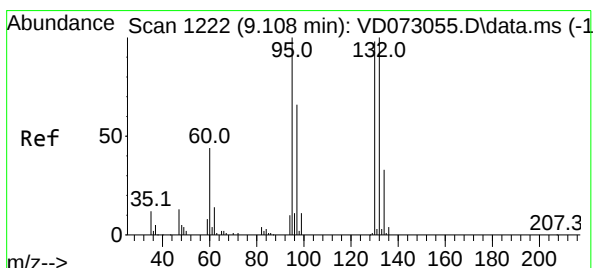
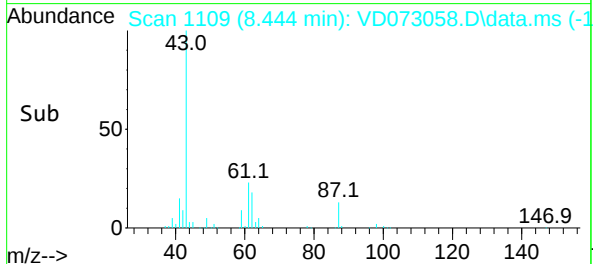
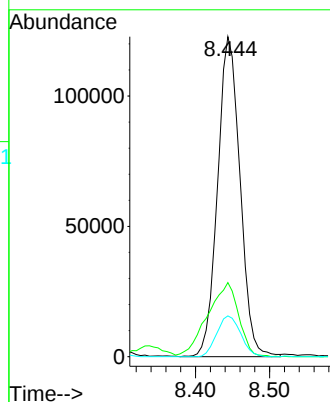
Tgt Ion: 43 Resp: 258213

Ion Ratio Lower Upper

43 100

61 32.1 22.4 33.6

87 13.5 8.7 13.1#



#44

Trichloroethene

Concen: 45.575 ug/l

RT: 9.102 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VD073058.D

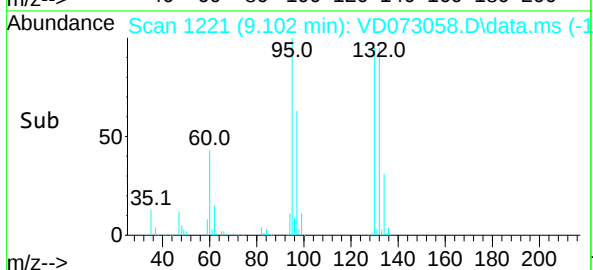
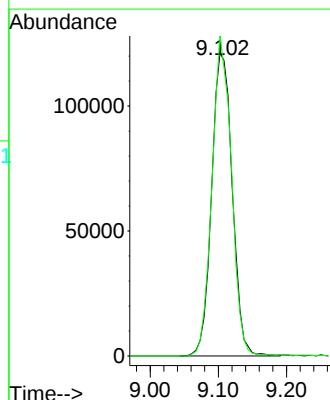
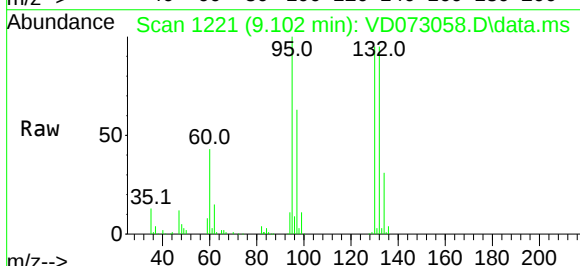
Acq: 17 May 2022 15:16

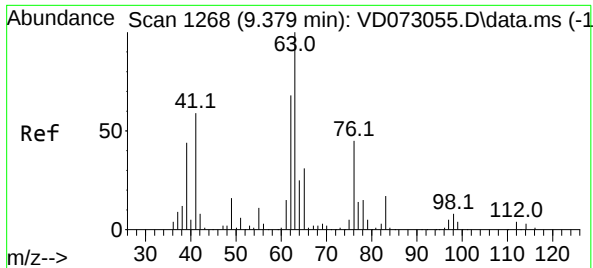
Tgt Ion:130 Resp: 255225

Ion Ratio Lower Upper

130 100

95 105.6 0.0 205.4





#45

1,2-Dichloropropane

Concen: 44.524 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

Instrument :

MSVOA_D

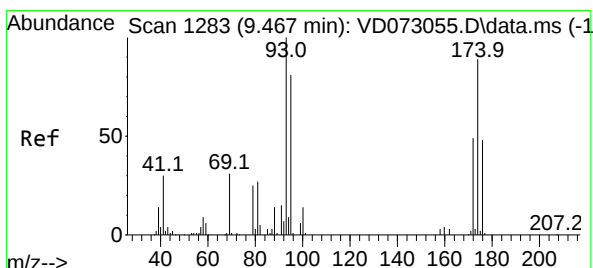
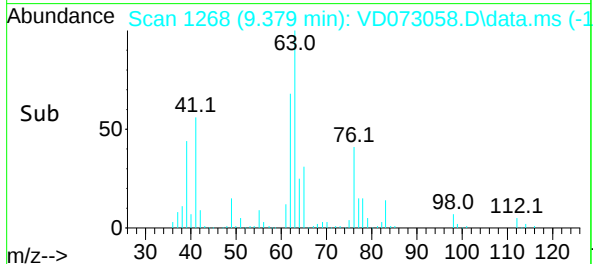
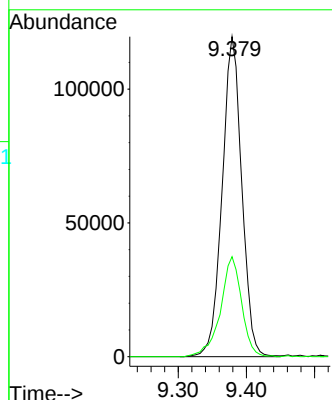
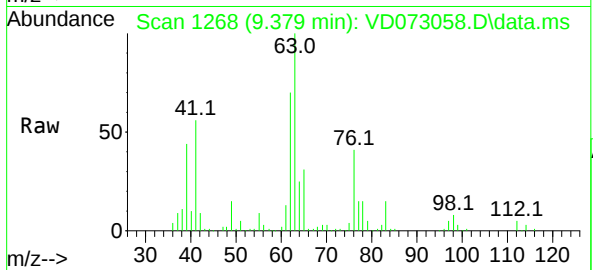
ClientSampleId :

Tgt Ion: 63 Resp: 239390

Ion Ratio Lower Upper

63 100

65 31.3 26.2 39.4



#46

Dibromomethane

Concen: 42.799 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

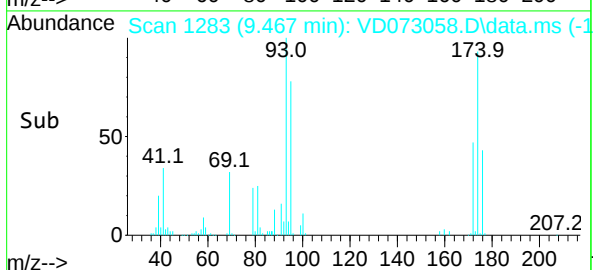
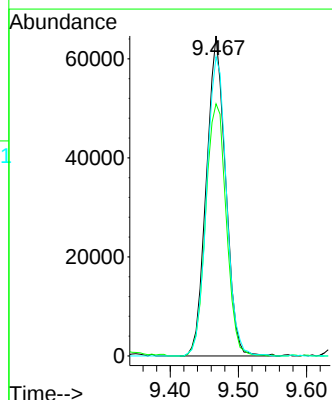
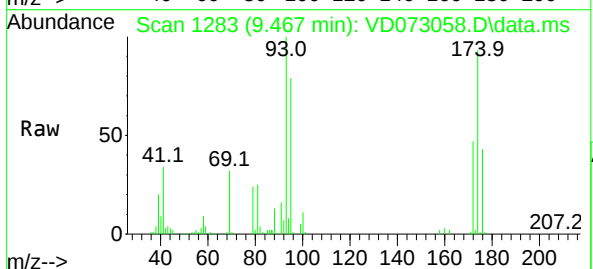
Tgt Ion: 93 Resp: 127242

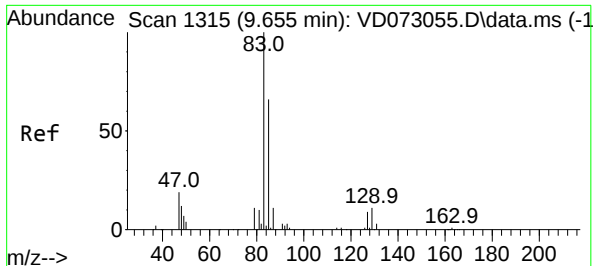
Ion Ratio Lower Upper

93 100

95 83.7 66.7 100.1

174 95.9 71.6 107.4





#47

Bromodichloromethane

Concen: 43.869 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :

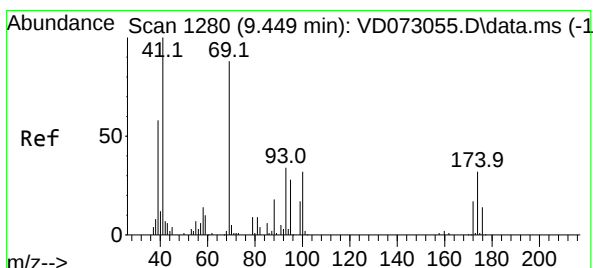
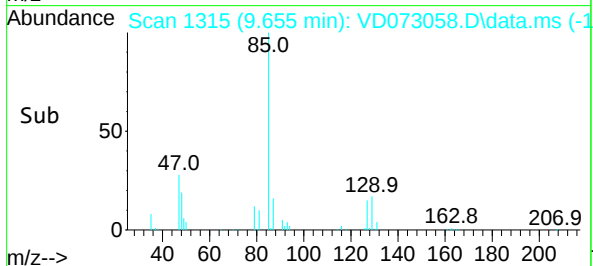
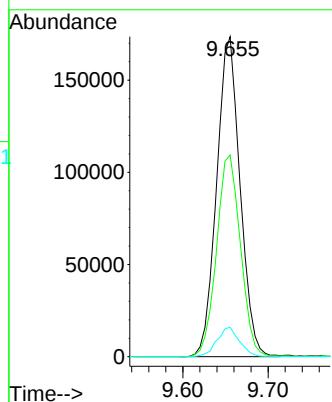
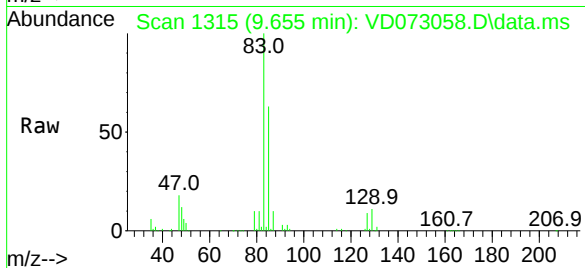
Tgt Ion: 83 Resp: 331255

Ion Ratio Lower Upper

83 100

85 63.0 51.4 77.0

127 9.2 6.1 9.1#



#48

Methyl methacrylate

Concen: 46.733 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. 0.000 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

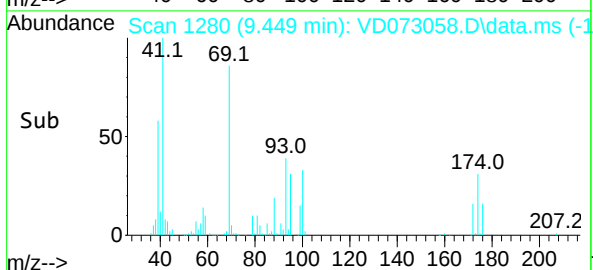
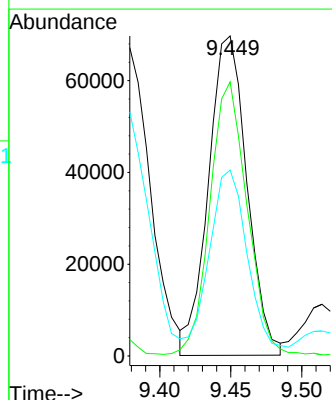
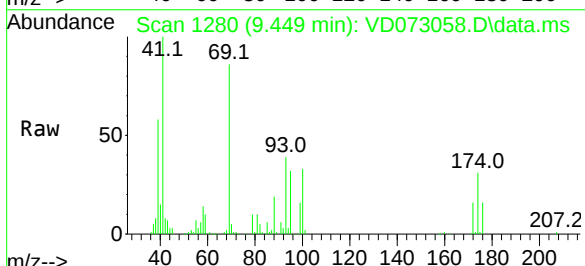
Tgt Ion: 41 Resp: 131057

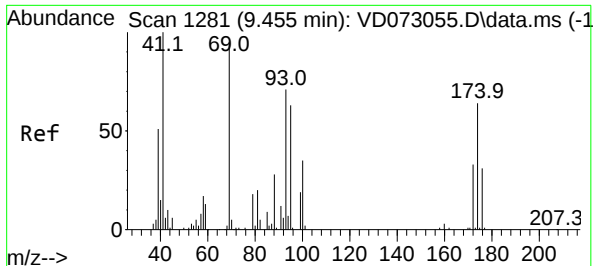
Ion Ratio Lower Upper

41 100

69 83.1 56.7 85.1

39 58.6 42.7 64.1





#49

1,4-Dioxane

Concen: 903.119 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.000 min

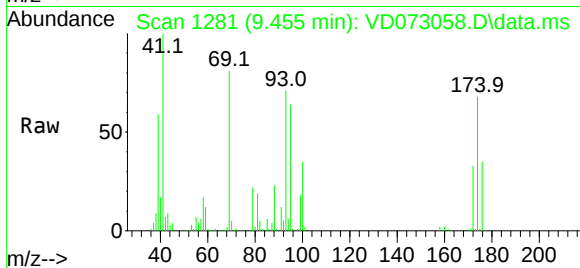
Lab File: VD073058.D

Acq: 17 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :



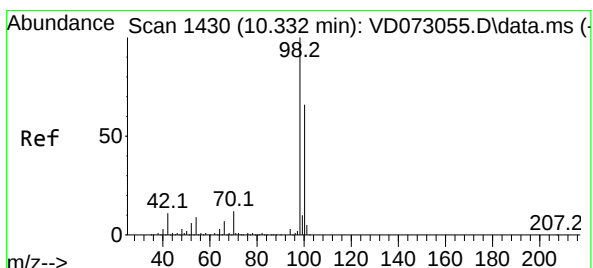
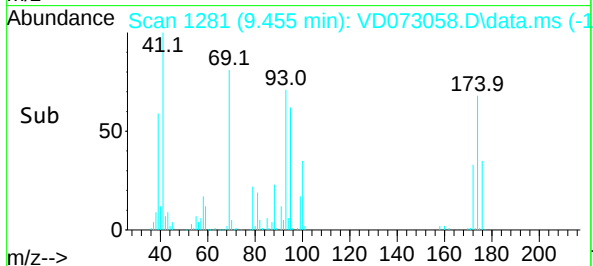
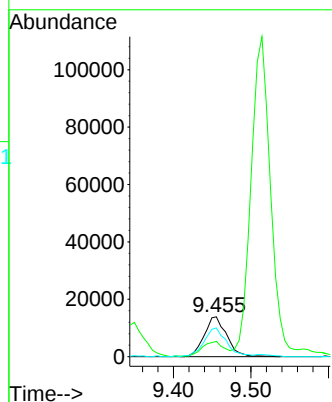
Tgt Ion: 88 Resp: 27954

Ion Ratio Lower Upper

88 100

43 38.5 31.0 46.4

58 73.1 58.1 87.1



#50

Toluene-d8

Concen: 47.933 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073058.D

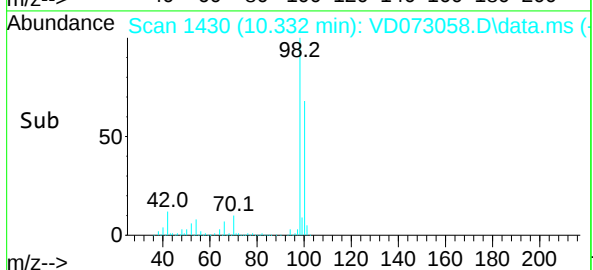
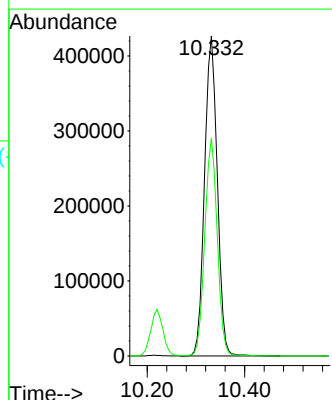
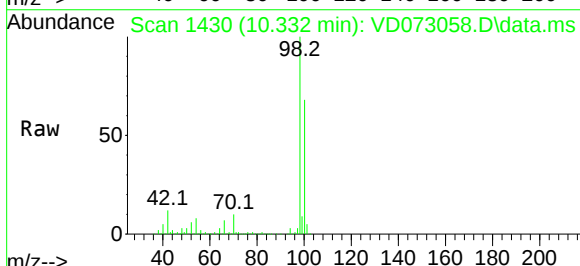
Acq: 17 May 2022 15:16

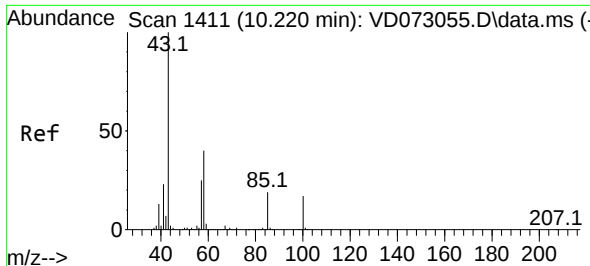
Tgt Ion: 98 Resp: 772755

Ion Ratio Lower Upper

98 100

100 66.5 52.4 78.6

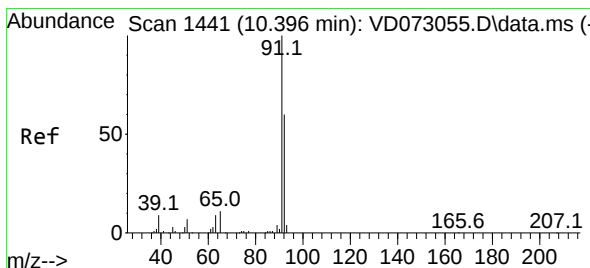
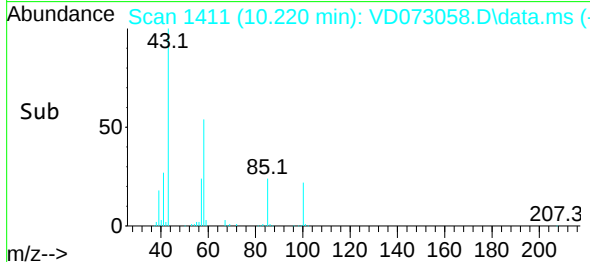
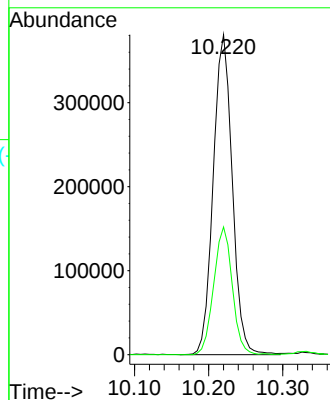
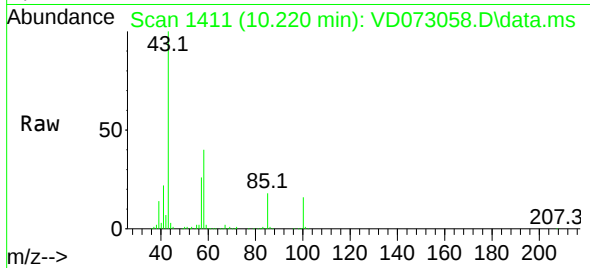




#51
4-Methyl-2-Pentanone
Concen: 230.527 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

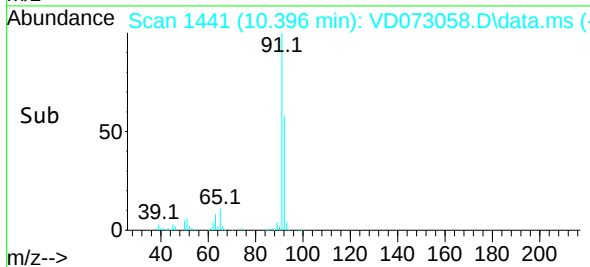
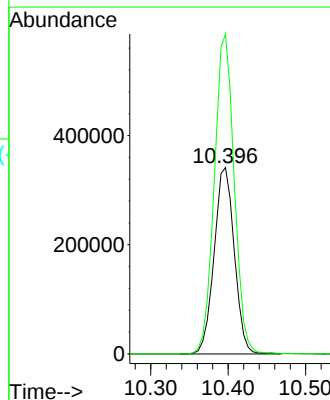
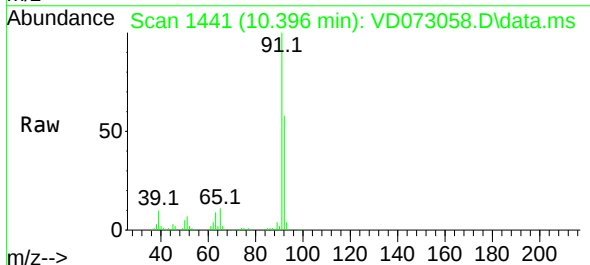
Instrument :
MSVOA_D
ClientSampleId :

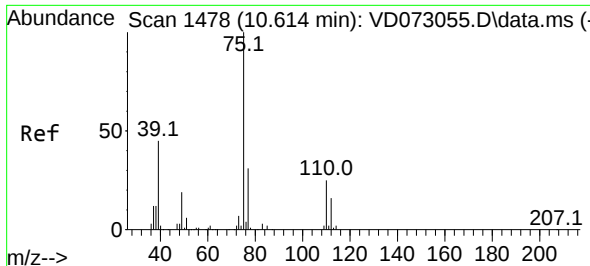
Tgt Ion: 43 Resp: 680158
Ion Ratio Lower Upper
43 100
58 39.0 28.6 43.0



#52
Toluene
Concen: 46.991 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 92 Resp: 617685
Ion Ratio Lower Upper
92 100
91 169.6 139.6 209.4

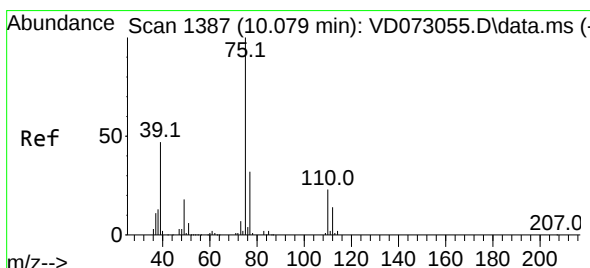
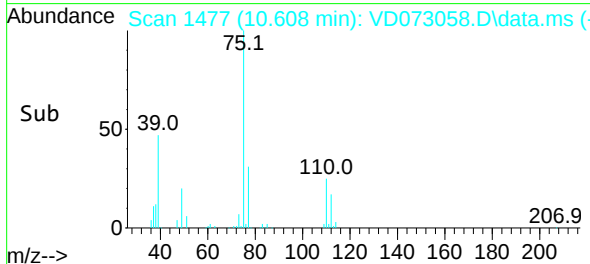
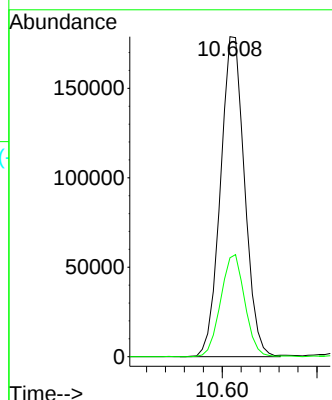
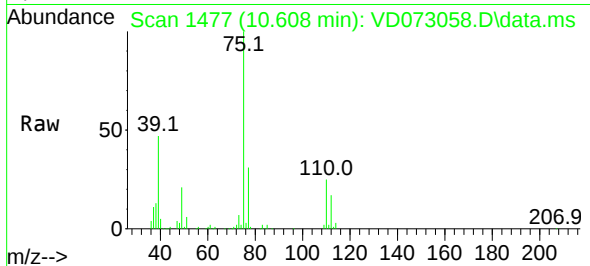




#53
t-1,3-Dichloropropene
Concen: 45.918 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

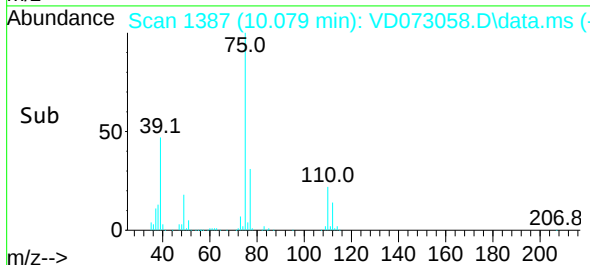
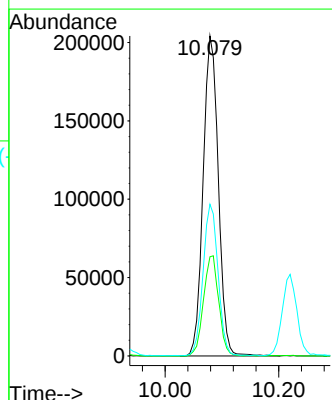
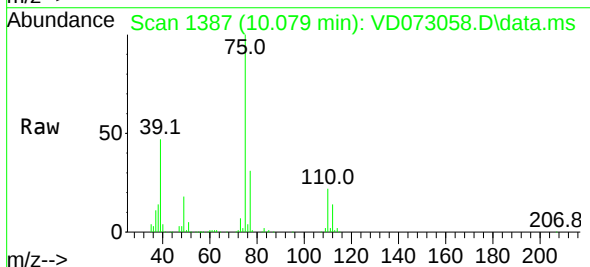
Instrument :
MSVOA_D
ClientSampleId :

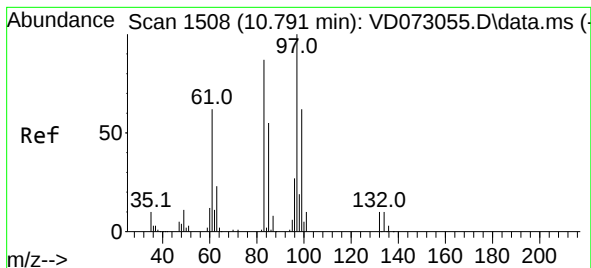
Tgt Ion: 75 Resp: 316227
Ion Ratio Lower Upper
75 100
77 30.9 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 46.578 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 75 Resp: 378198
Ion Ratio Lower Upper
75 100
77 31.0 24.8 37.2
39 47.3 46.8 70.2





#55

1,1,2-Trichloroethane

Concen: 43.419 ug/l

RT: 10.791 min Scan# 1508

Delta R.T. -0.000 min

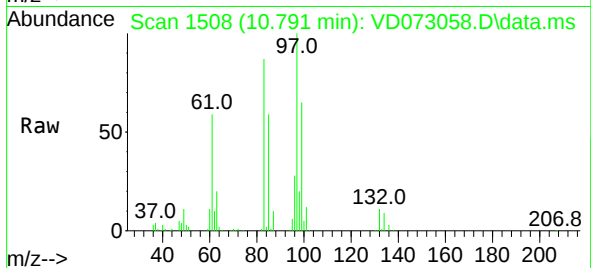
Lab File: VD073058.D

Acq: 17 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 176195

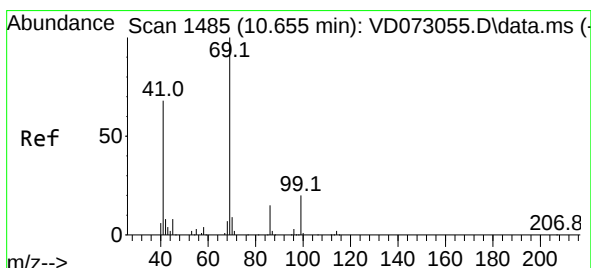
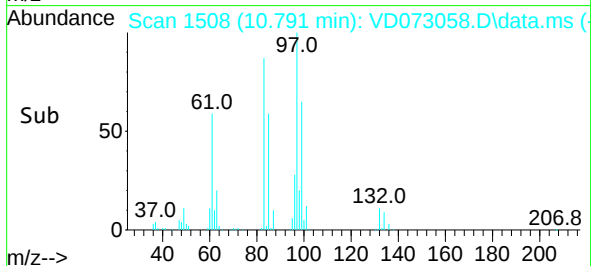
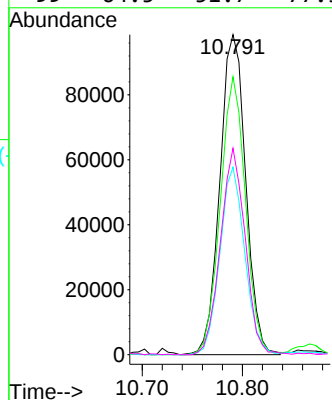
Ion Ratio Lower Upper

97 100

83 86.9 69.0 103.4

85 58.6 42.6 63.8

99 64.5 51.7 77.5



#56

Ethyl methacrylate

Concen: 48.265 ug/l

RT: 10.649 min Scan# 1484

Delta R.T. -0.006 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

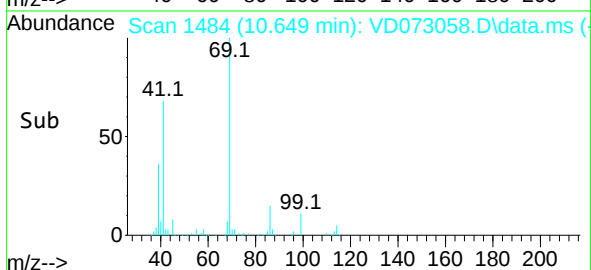
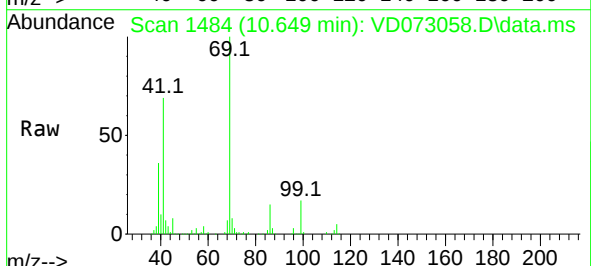
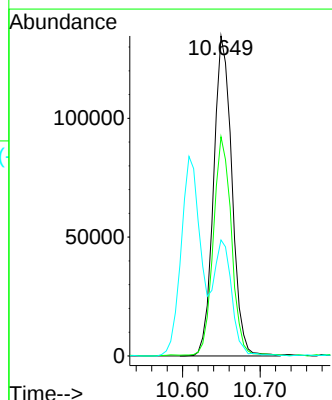
Tgt Ion: 69 Resp: 221504

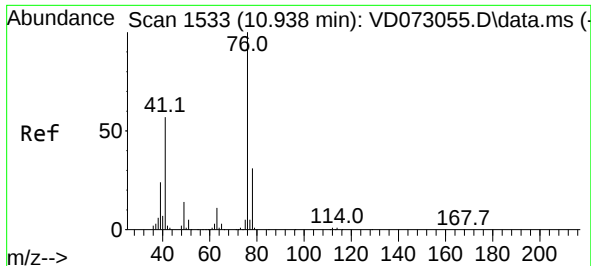
Ion Ratio Lower Upper

69 100

41 67.5 63.0 94.6

39 36.1 33.8 50.8





#57

1,3-Dichloropropane

Concen: 43.936 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

Instrument :

MSVOA_D

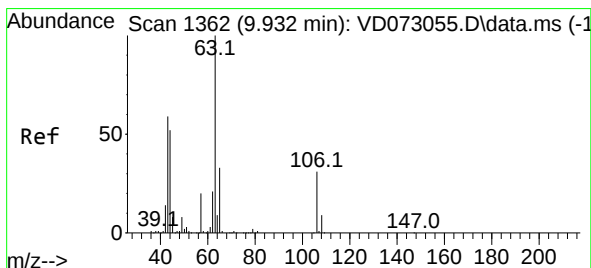
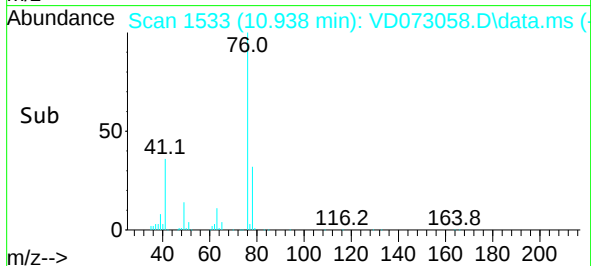
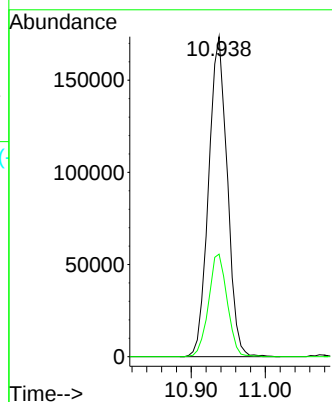
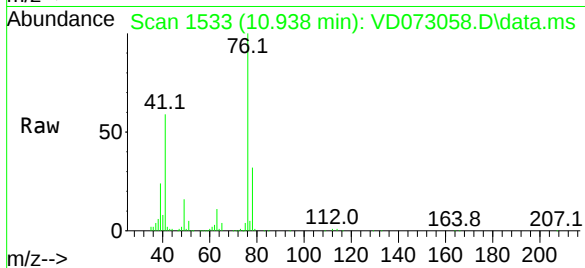
ClientSampleId :

Tgt Ion: 76 Resp: 303367

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 203.115 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073058.D

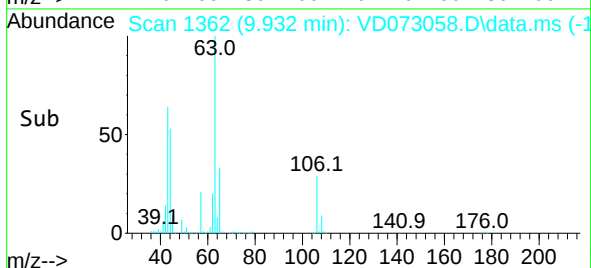
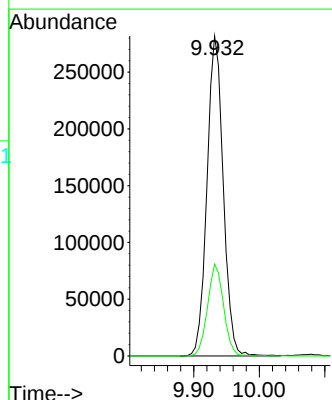
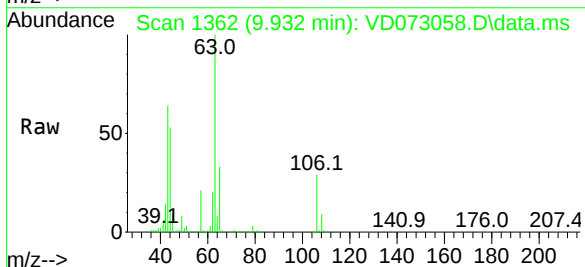
Acq: 17 May 2022 15:16

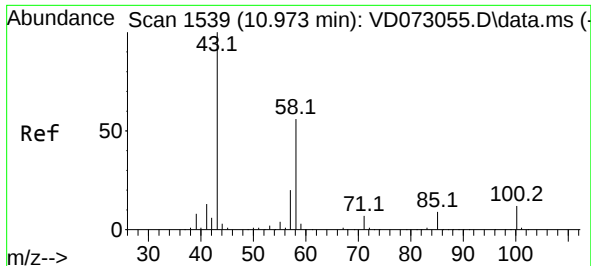
Tgt Ion: 63 Resp: 484889

Ion Ratio Lower Upper

63 100

106 28.3 21.4 32.0

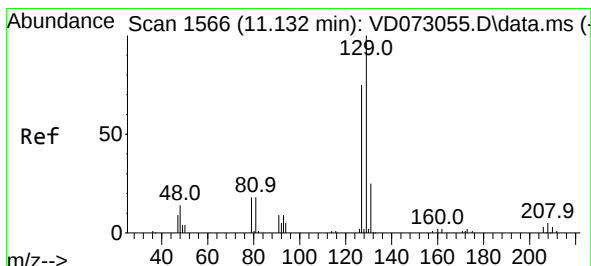
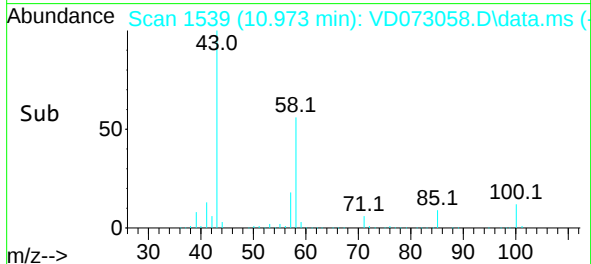
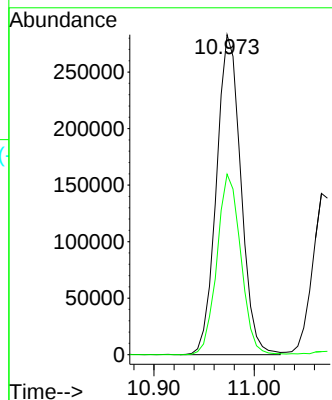
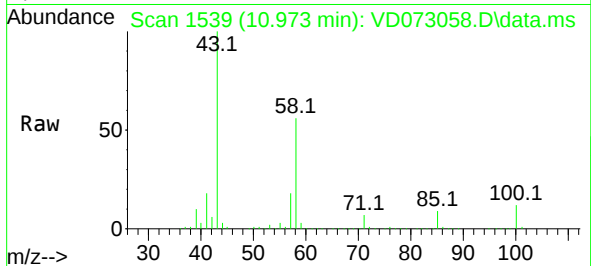




#59
2-Hexanone
Concen: 245.653 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

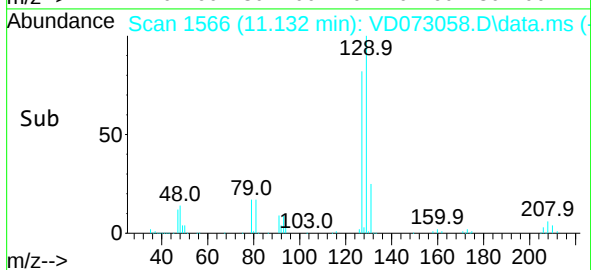
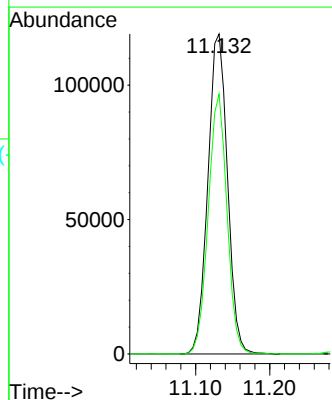
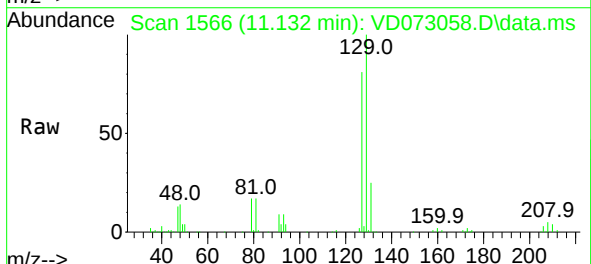
Instrument :
MSVOA_D
ClientSampleId :

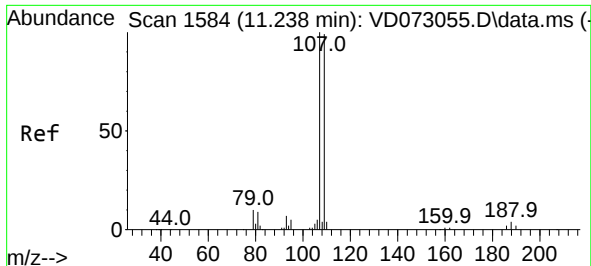
Tgt Ion: 43 Resp: 478789
Ion Ratio Lower Upper
43 100
58 55.0 25.3 75.9



#60
Dibromochloromethane
Concen: 43.342 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion:129 Resp: 218511
Ion Ratio Lower Upper
129 100
127 77.7 39.2 117.6

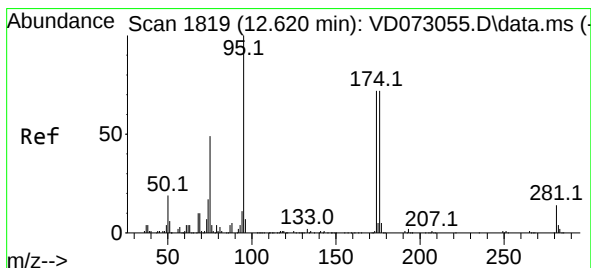
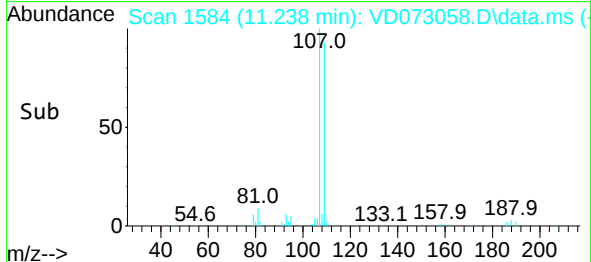
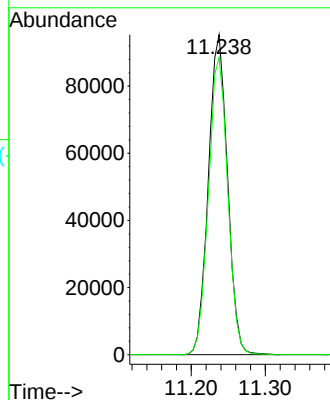
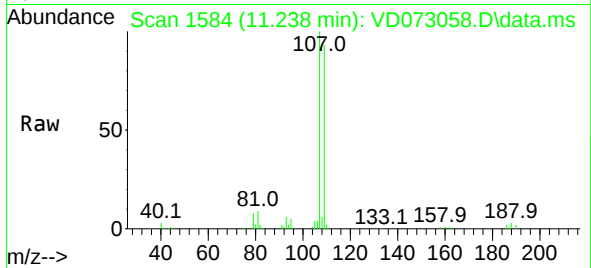




#61
1,2-Dibromoethane
Concen: 43.778 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

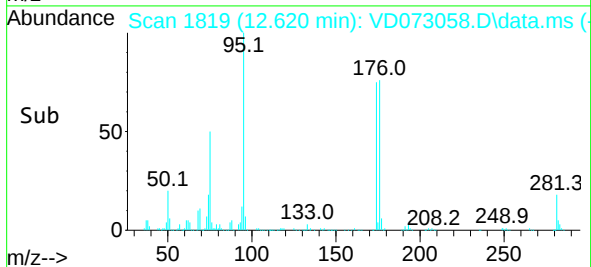
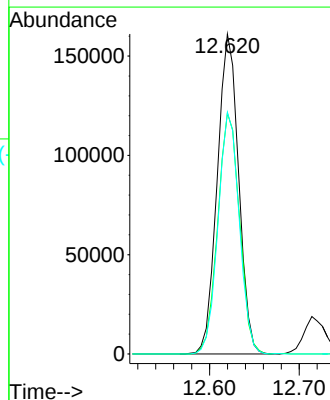
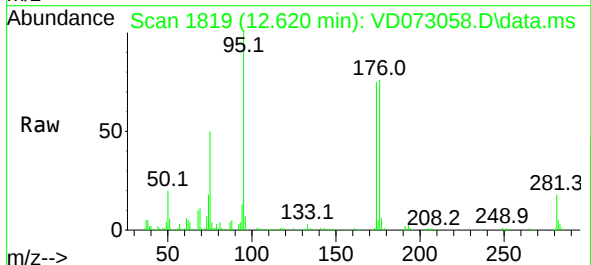
Instrument :
MSVOA_D
ClientSampleId :

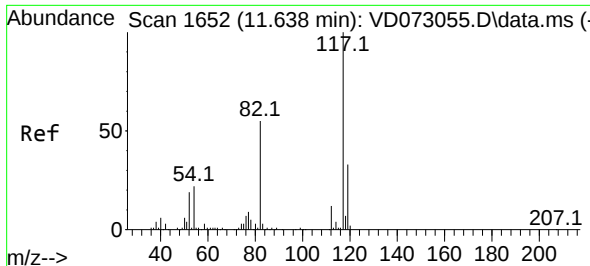
Tgt Ion:107 Resp: 170949
Ion Ratio Lower Upper
107 100
109 93.6 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 45.590 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 95 Resp: 266204
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 74.8 0.0 145.4

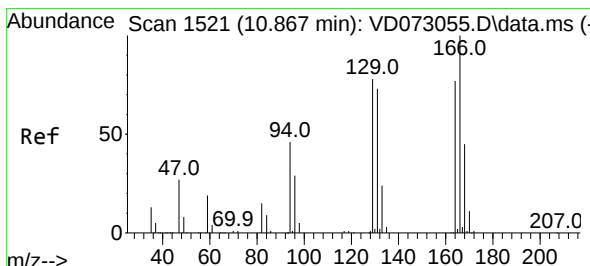
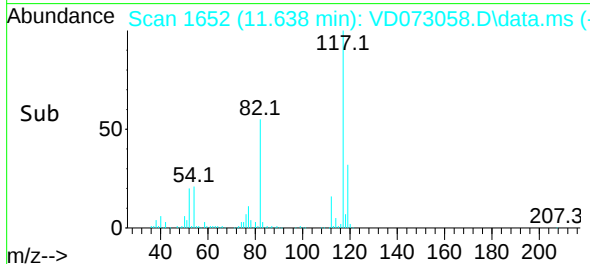
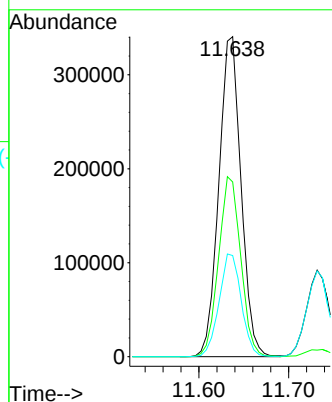
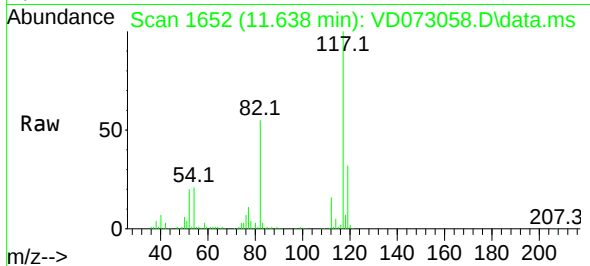




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

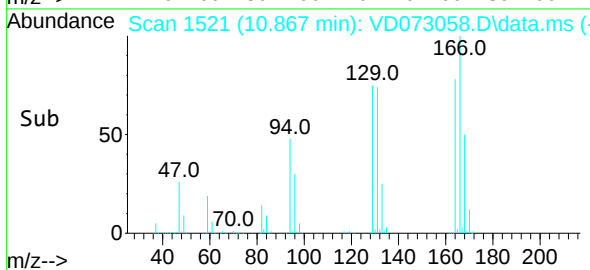
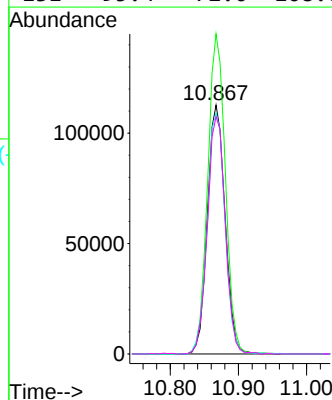
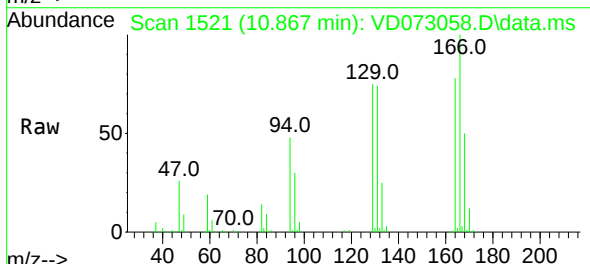
Instrument :
MSVOA_D
ClientSampleId :

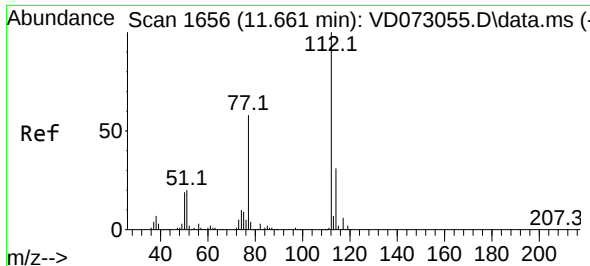
Tgt Ion:117 Resp: 585107
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 31.6 26.6 40.0



#64
Tetrachloroethene
Concen: 47.628 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion:164 Resp: 204170
Ion Ratio Lower Upper
164 100
166 128.6 98.5 147.7
129 96.8 74.6 111.8
131 95.4 72.0 108.0

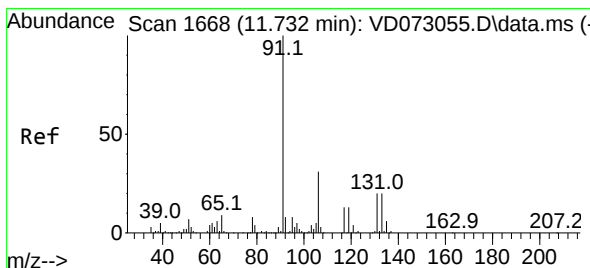
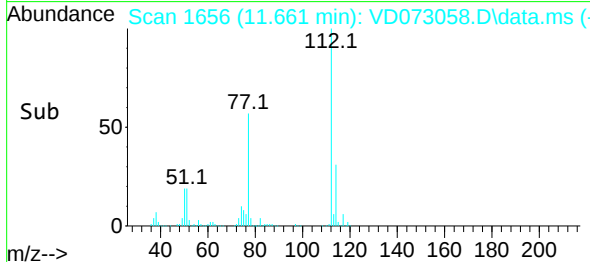
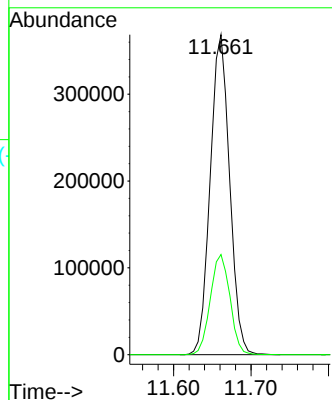
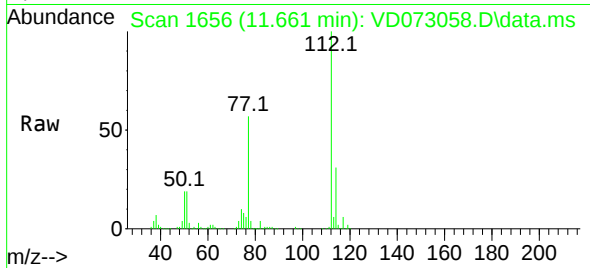




#65
Chlorobenzene
Concen: 48.471 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

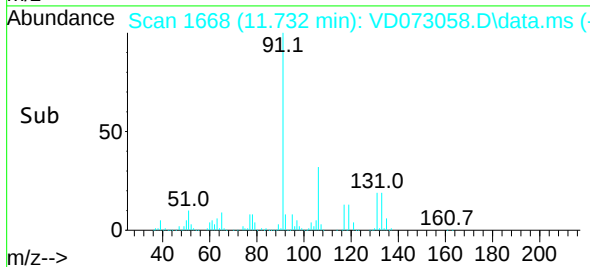
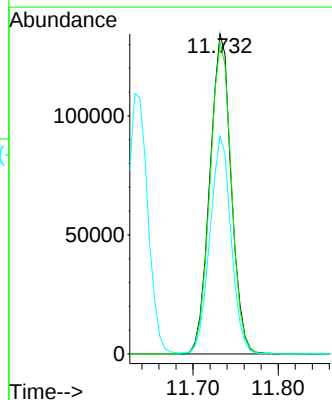
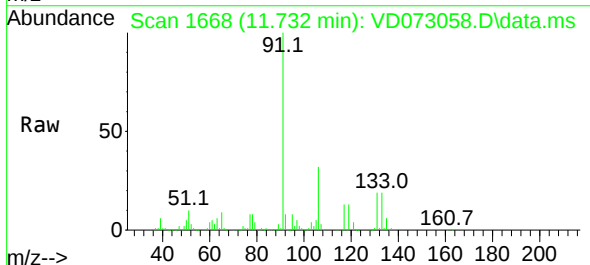
Instrument :
MSVOA_D
ClientSampleId :

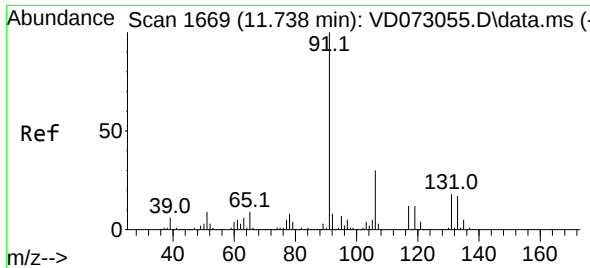
Tgt Ion:112 Resp: 643064
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 46.264 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion:131 Resp: 234460
Ion Ratio Lower Upper
131 100
133 97.5 48.1 144.3
119 67.5 31.9 95.9

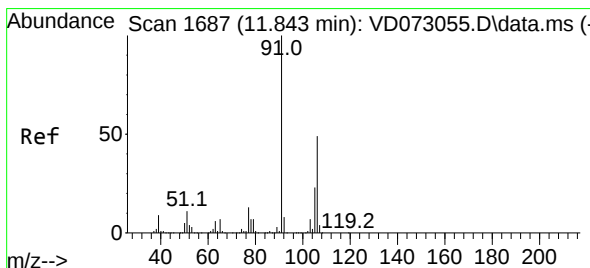
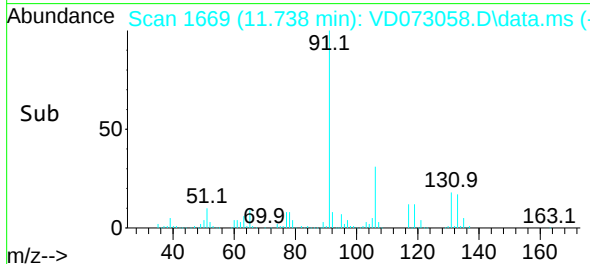
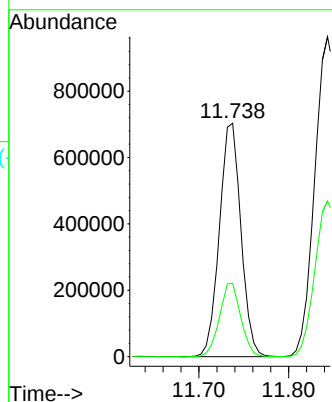
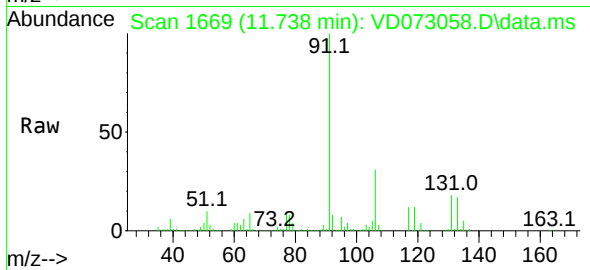




#67
Ethyl Benzene
Concen: 50.777 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

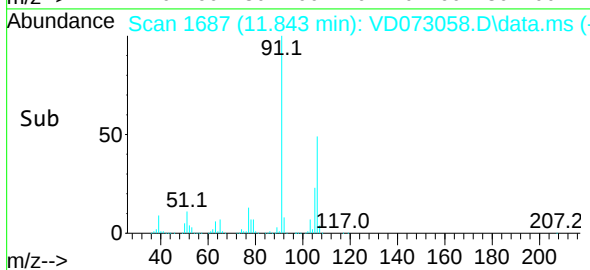
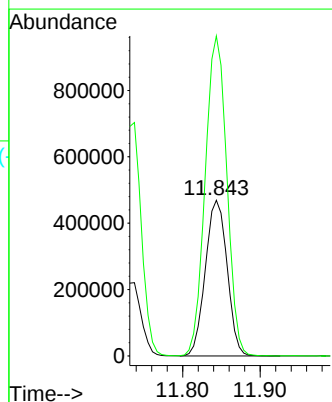
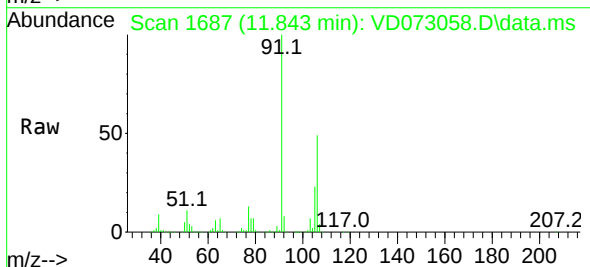
Instrument :
MSVOA_D
ClientSampleId :

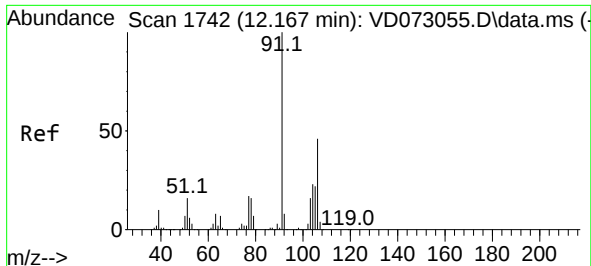
Tgt Ion: 91 Resp: 1172940
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4



#68
m/p-Xylenes
Concen: 102.198 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion:106 Resp: 914954
Ion Ratio Lower Upper
106 100
91 203.9 163.7 245.5

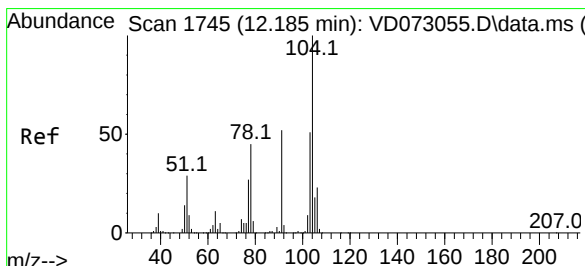
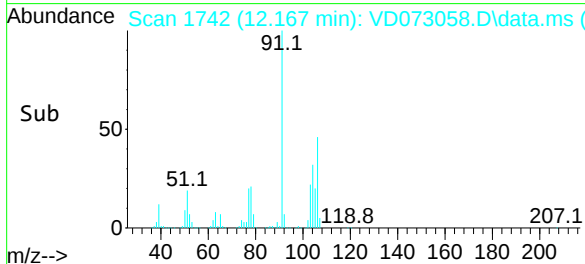
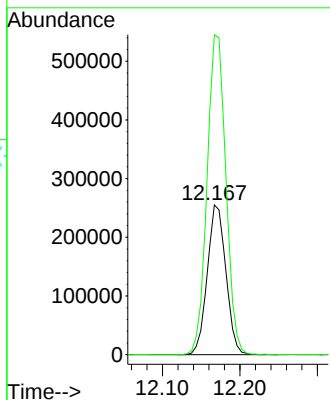
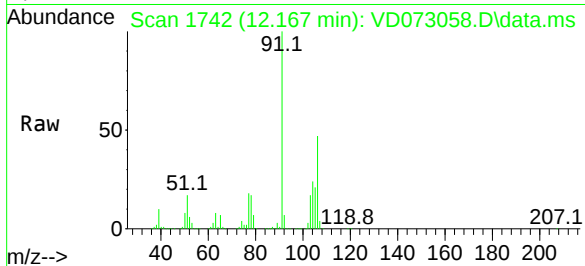




#69
o-Xylene
Concen: 51.528 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

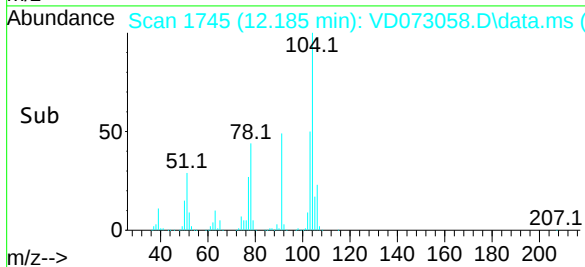
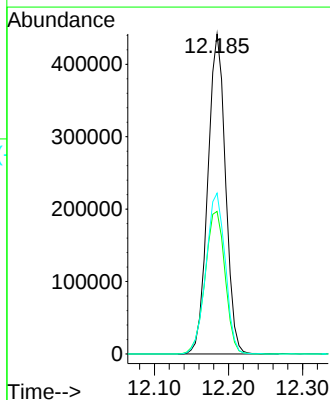
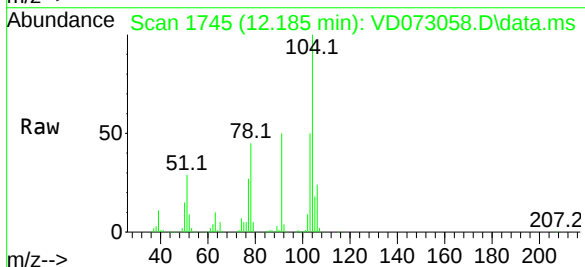
Instrument :
MSVOA_D
ClientSampleId :

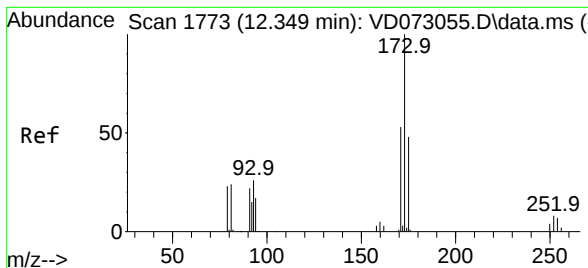
Tgt Ion:106 Resp: 425419
Ion Ratio Lower Upper
106 100
91 216.6 110.4 331.2



#70
Styrene
Concen: 50.724 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion:104 Resp: 731461
Ion Ratio Lower Upper
104 100
78 50.4 41.8 62.8
103 54.9 44.2 66.4





#71

Bromoform

Concen: 46.407 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :

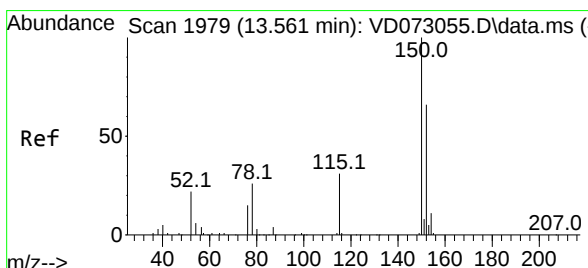
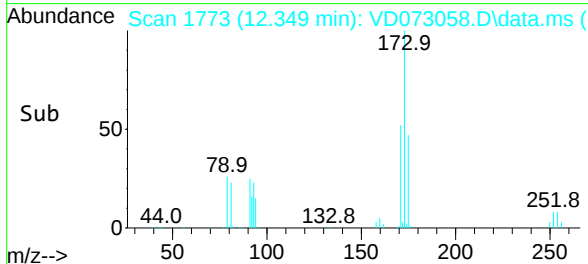
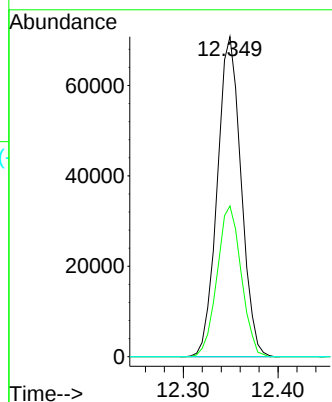
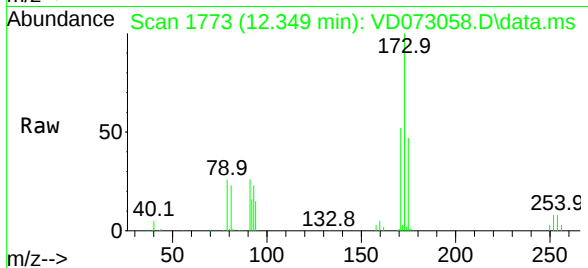
Tgt Ion:173 Resp: 123828

Ion Ratio Lower Upper

173 100

175 47.7 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: VD073058.D

Acq: 17 May 2022 15:16

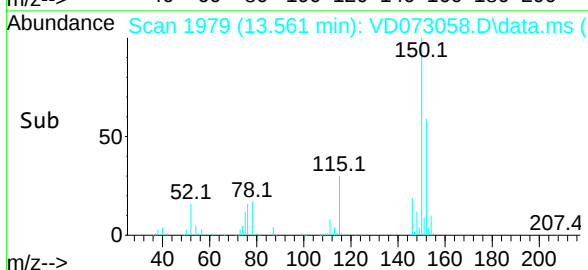
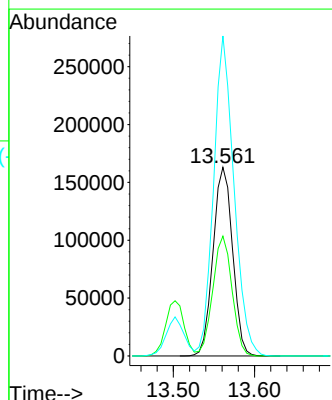
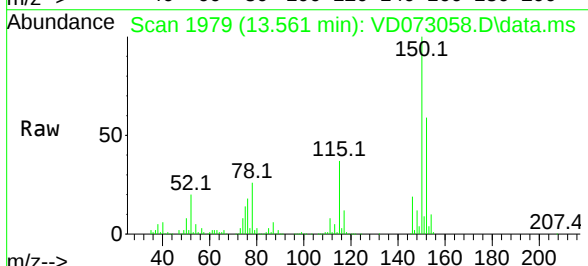
Tgt Ion:152 Resp: 272461

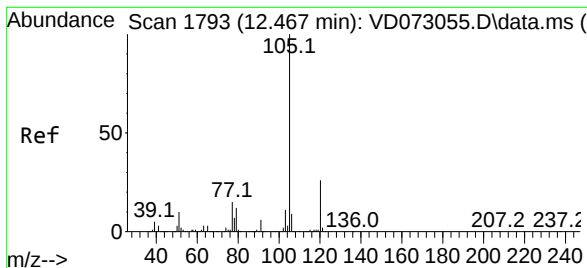
Ion Ratio Lower Upper

152 100

115 62.8 31.3 93.8

150 177.3 0.0 348.6





#73

Isopropylbenzene

Concen: 55.118 ug/l

RT: 12.467 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

Instrument :

MSVOA_D

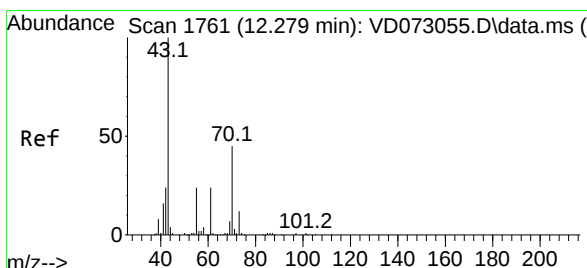
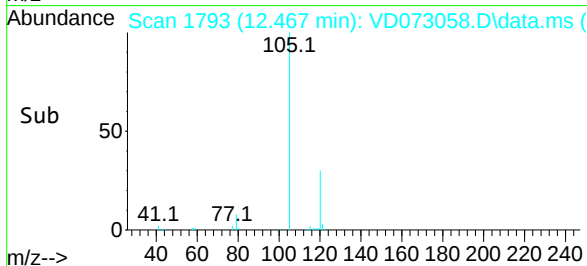
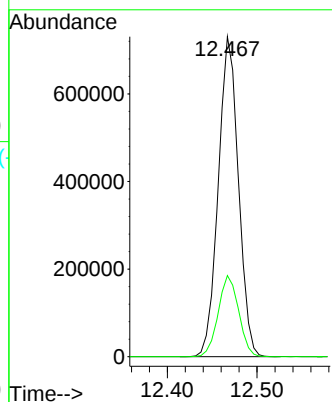
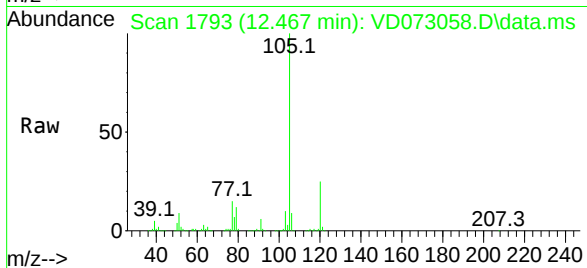
ClientSampleId :

Tgt Ion:105 Resp: 1138324

Ion Ratio Lower Upper

105 100

120 25.8 13.0 38.9



#74

N-ethyl acetate

Concen: 52.894 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

Tgt Ion: 43 Resp: 255287

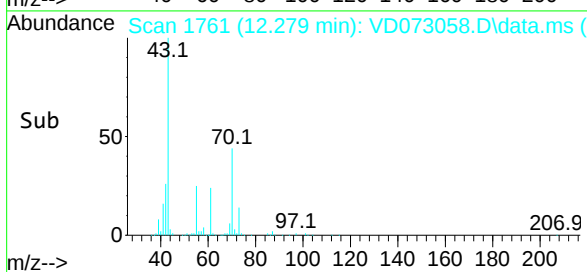
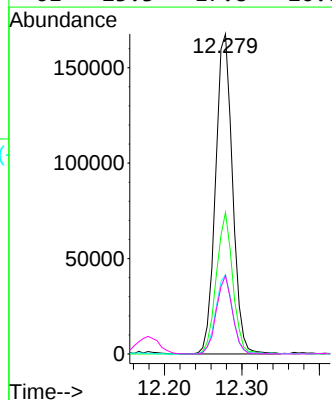
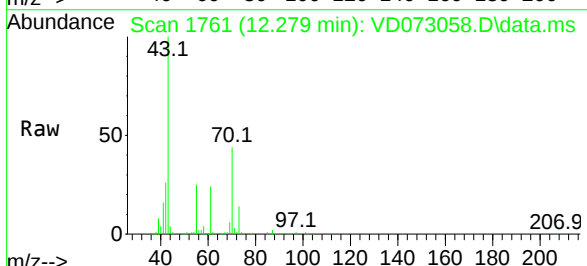
Ion Ratio Lower Upper

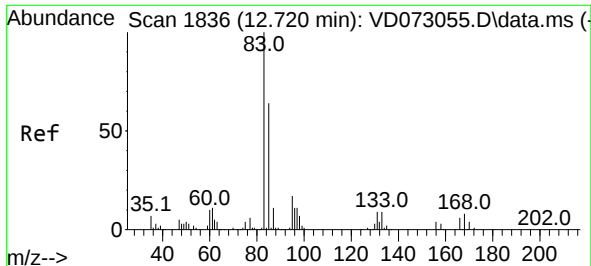
43 100

70 42.6 31.3 46.9

55 24.7 20.0 30.0

61 23.3 17.8 26.8

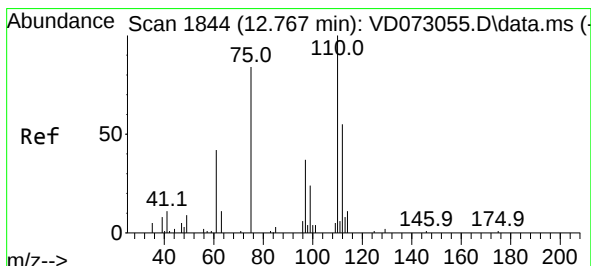
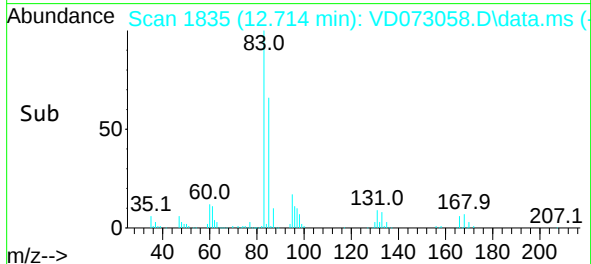
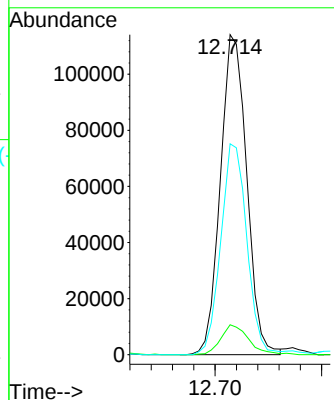
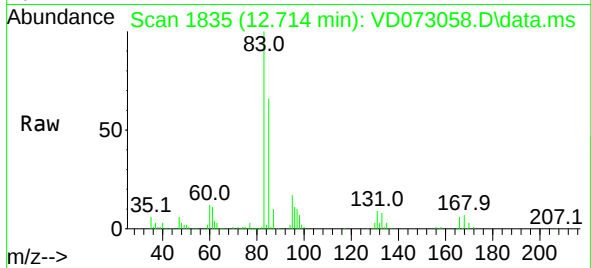




#75
1,1,2-Tetrachloroethane
Concen: 48.071 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

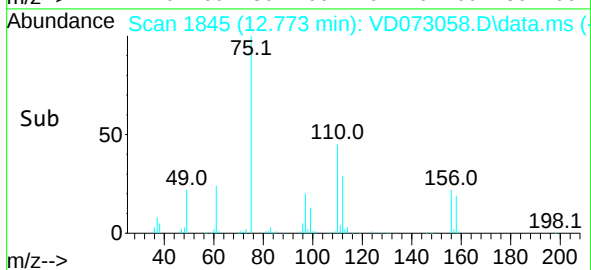
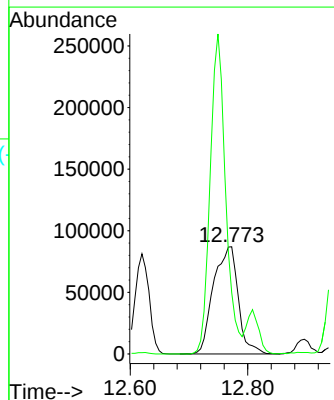
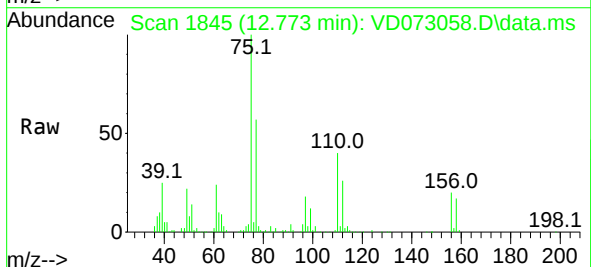
Instrument :
MSVOA_D
ClientSampleId :

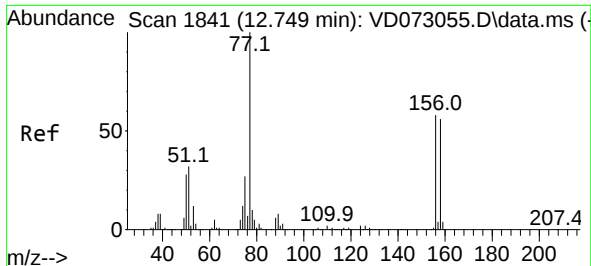
Tgt Ion: 83 Resp: 195720
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 66.0 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 81.447 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 75 Resp: 253868
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

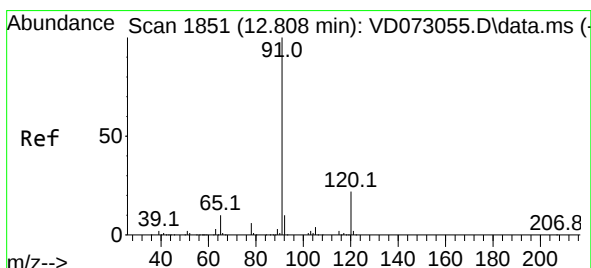
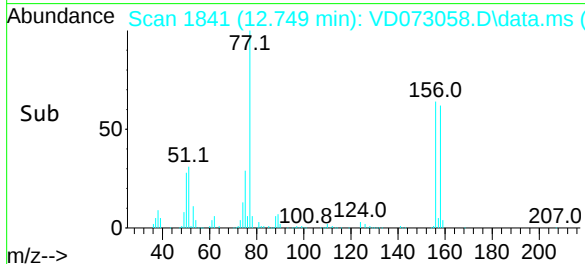
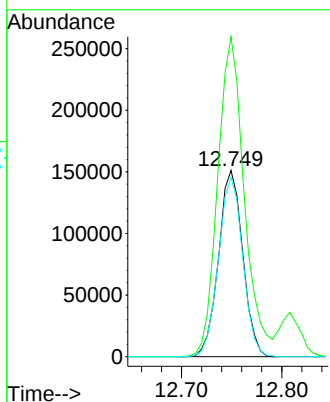
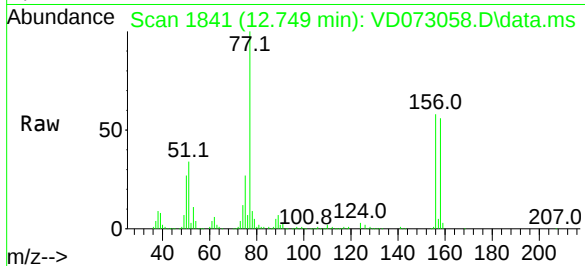




#77
Bromobenzene
Concen: 51.350 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

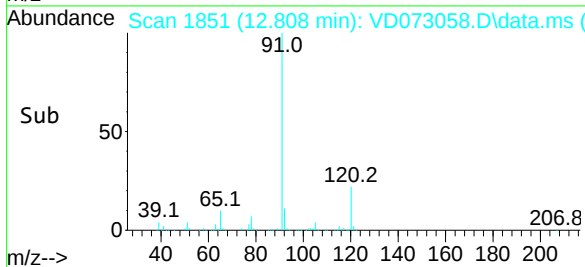
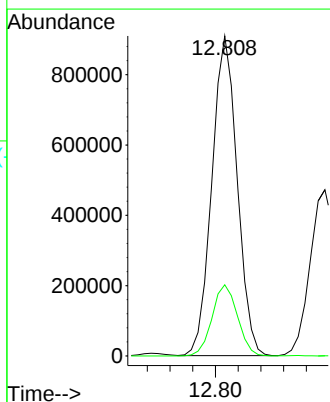
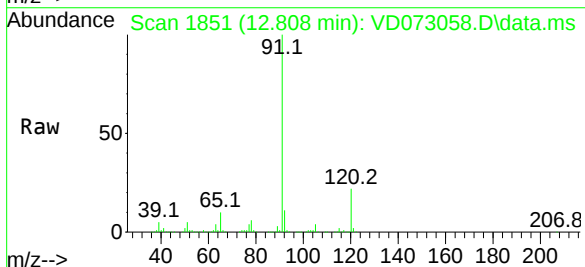
Instrument :
MSVOA_D
ClientSampleId :

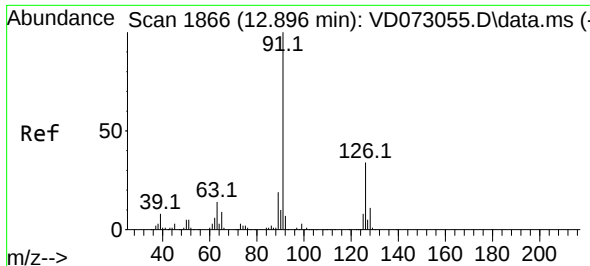
Tgt Ion:156 Resp: 253036
Ion Ratio Lower Upper
156 100
77 188.8 102.8 308.3
158 96.8 48.7 146.1



#78
n-propylbenzene
Concen: 54.335 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 91 Resp: 1409173
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9

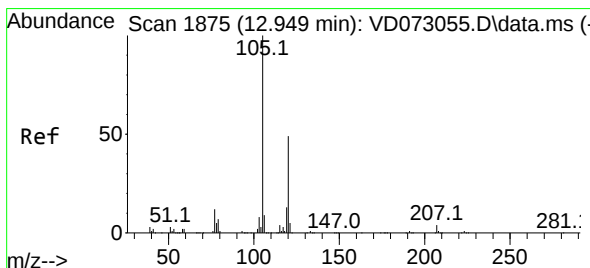
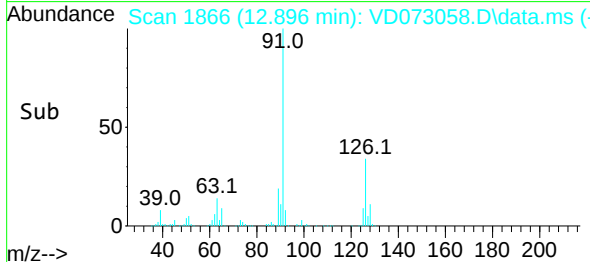
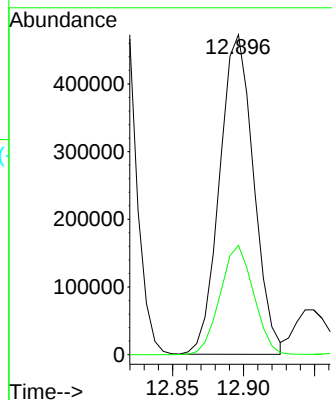
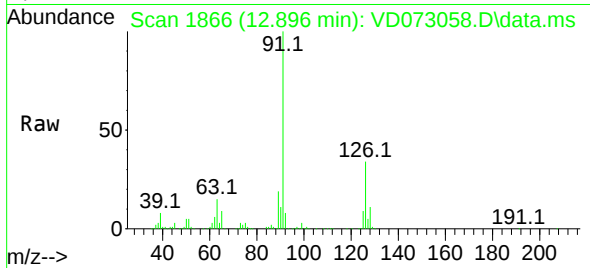




#79
2-Chlorotoluene
Concen: 52.069 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

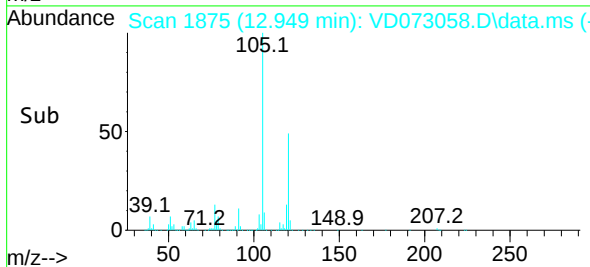
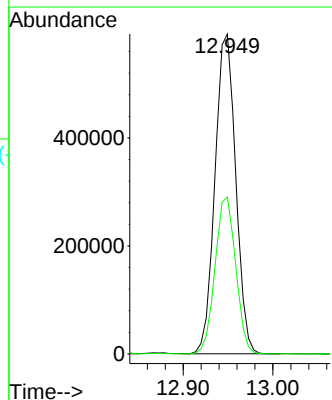
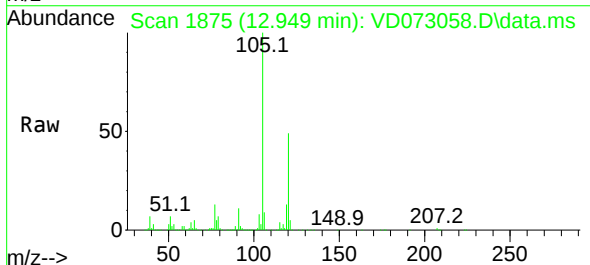
Instrument :
MSVOA_D
ClientSampleId :

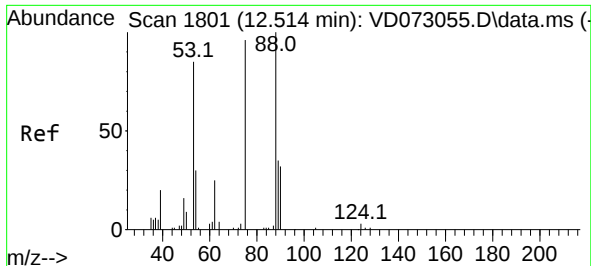
Tgt Ion: 91 Resp: 786686
Ion Ratio Lower Upper
91 100
126 33.6 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 54.003 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 105 Resp: 950135
Ion Ratio Lower Upper
105 100
120 49.1 24.3 72.8

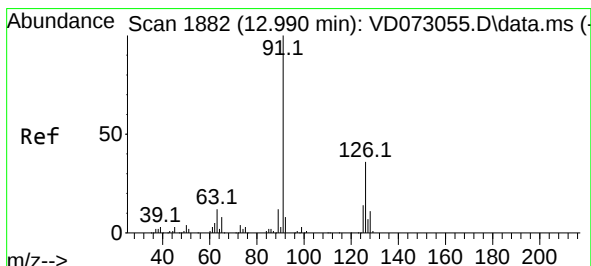
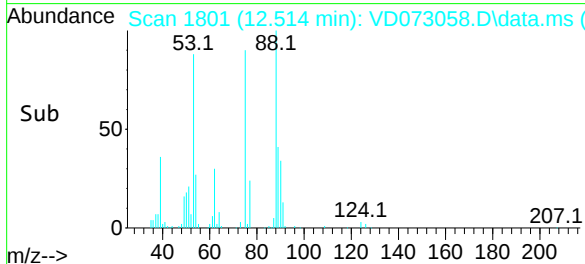
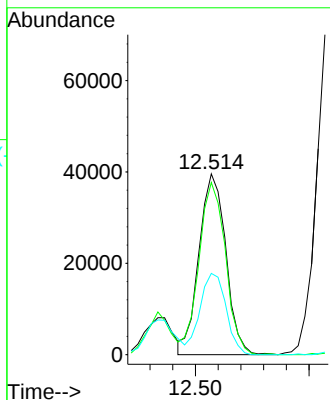
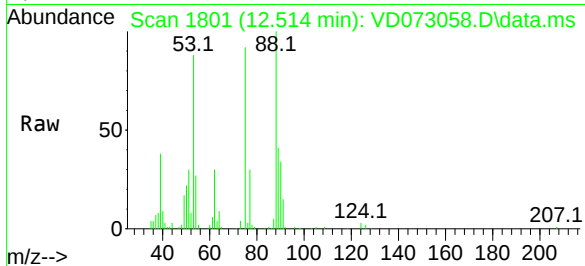




#81
trans-1,4-Dichloro-2-butene
Concen: 50.685 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

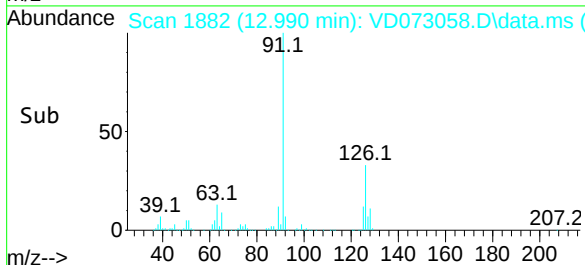
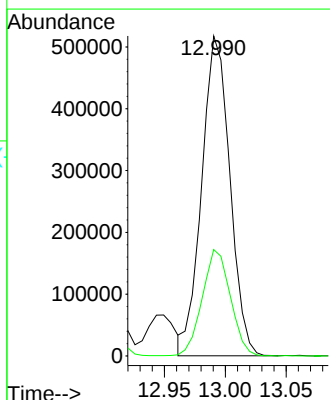
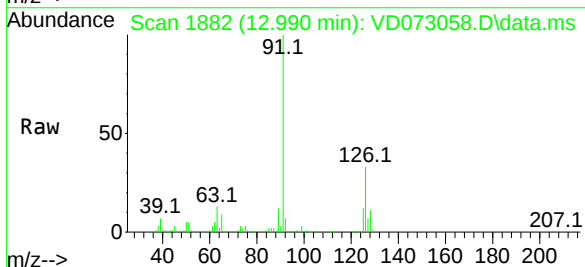
Instrument :
MSVOA_D
ClientSampleId :

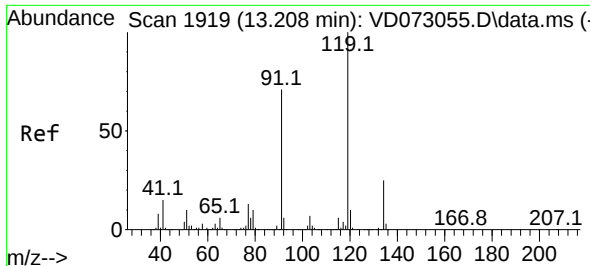
Tgt Ion: 75 Resp: 65106
Ion Ratio Lower Upper
75 100
53 94.4 86.5 129.7
89 43.6 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.977 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

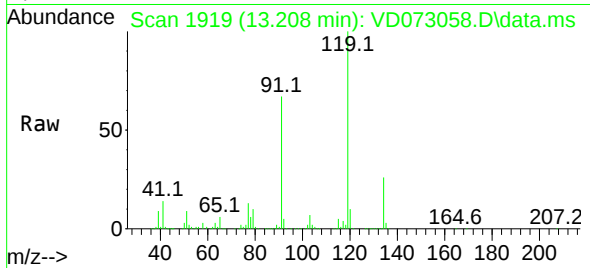
Tgt Ion: 91 Resp: 831111
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5



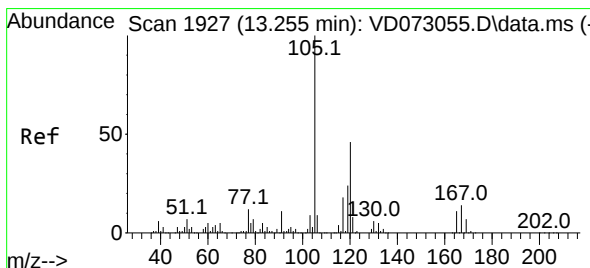
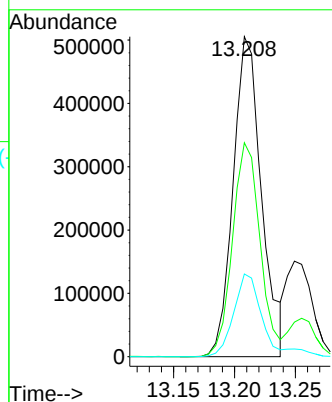
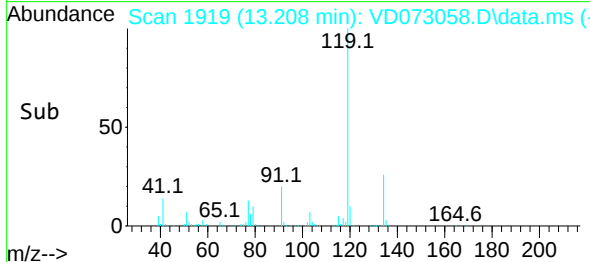


#83
 tert-Butylbenzene
 Concen: 54.885 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073058.D
 Acq: 17 May 2022 15:16

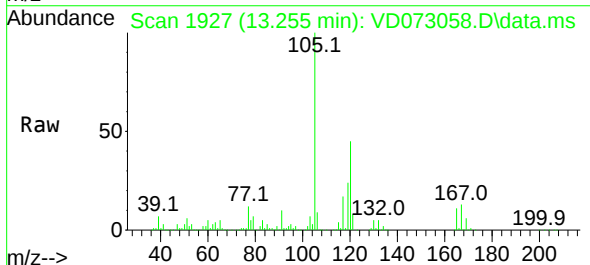
Instrument :
 MSVOA_D
 ClientSampleId :



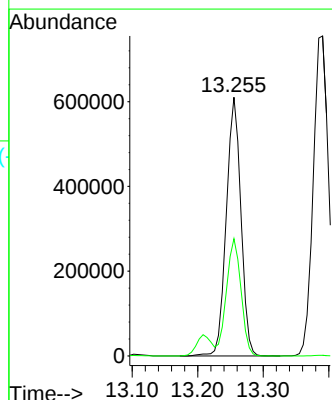
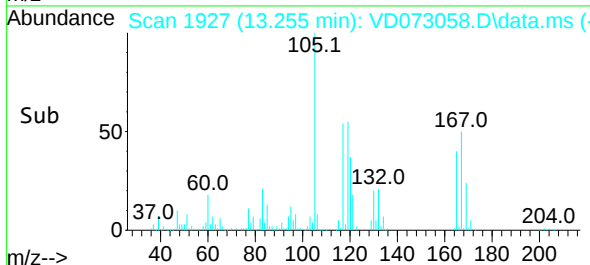
Tgt Ion:119 Resp: 817944
 Ion Ratio Lower Upper
 119 100
 91 65.2 34.8 104.5
 134 26.7 13.3 39.9

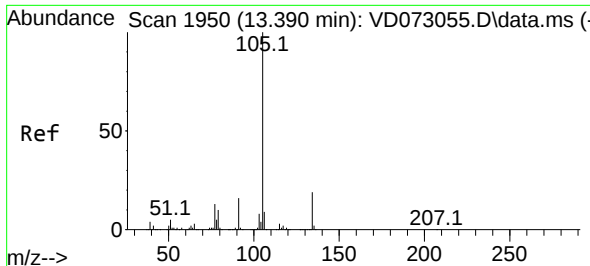


#84
 1,2,4-Trimethylbenzene
 Concen: 53.849 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073058.D
 Acq: 17 May 2022 15:16



Tgt Ion:105 Resp: 942589
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.3 66.8

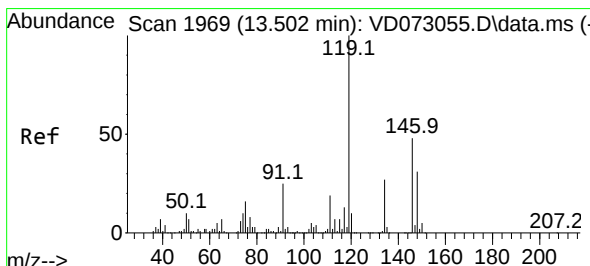
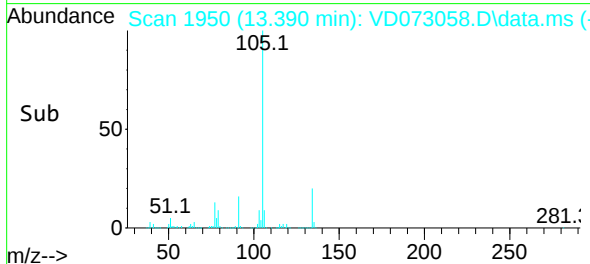
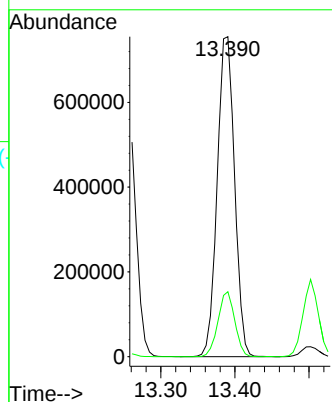
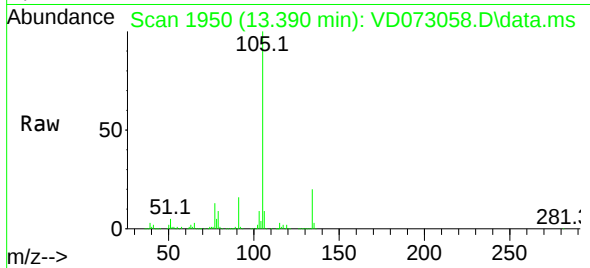




#85
 sec-Butylbenzene
 Concen: 54.267 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD073058.D
 Acq: 17 May 2022 15:16

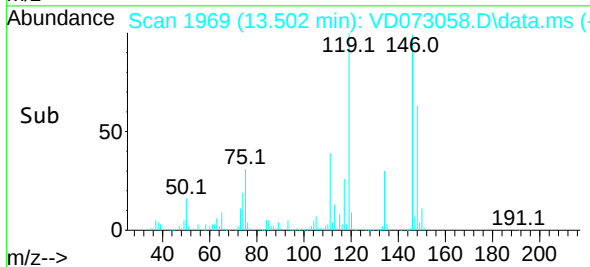
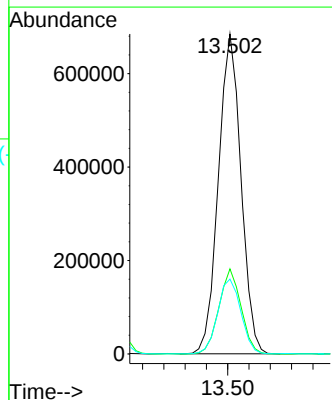
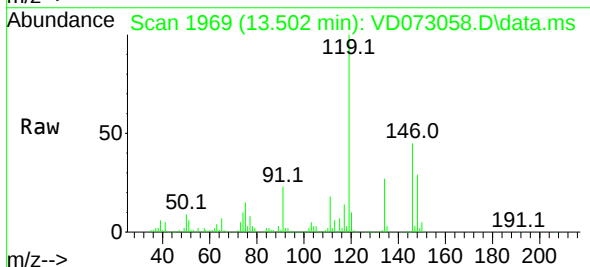
Instrument :
 MSVOA_D
 ClientSampleId :

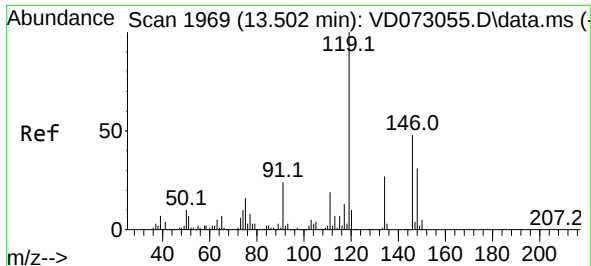
Tgt Ion:105 Resp: 1227583
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 54.767 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073058.D
 Acq: 17 May 2022 15:16

Tgt Ion:119 Resp: 1007712
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.9 38.6
 91 24.0 12.1 36.3

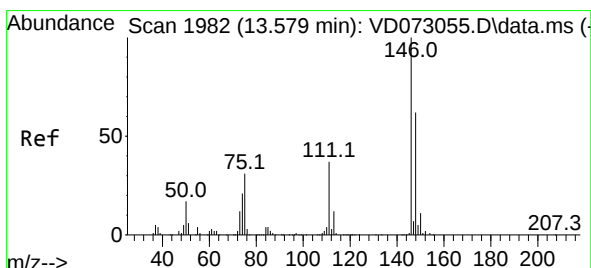
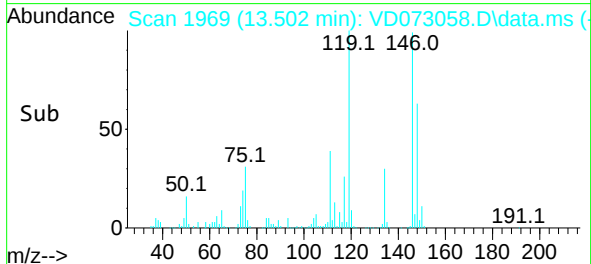
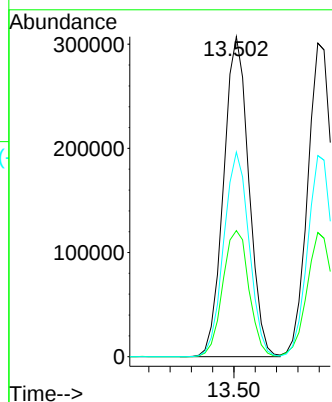
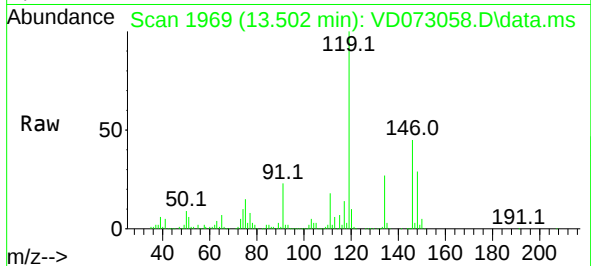




#87
 1,3-Dichlorobenzene
 Concen: 49.862 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073058.D
 Acq: 17 May 2022 15:16

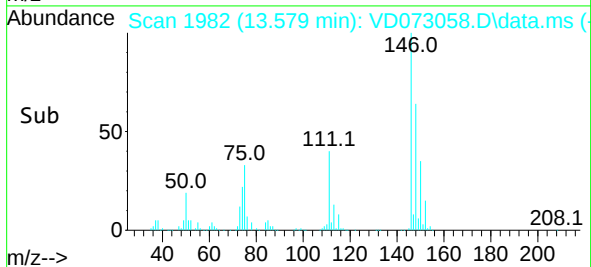
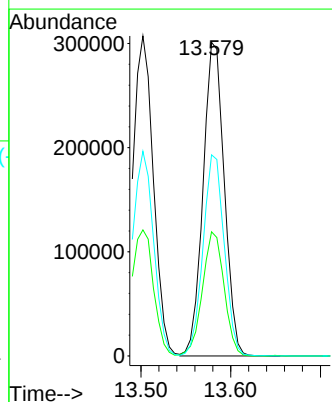
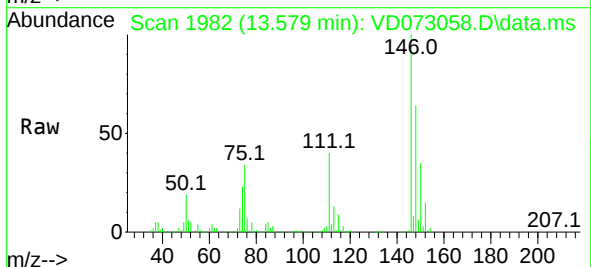
Instrument :
 MSVOA_D
 ClientSampleId :

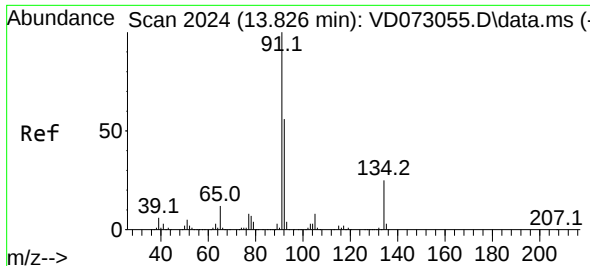
Tgt Ion:146 Resp: 505006
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.3
 148 64.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 49.445 ug/l
 RT: 13.579 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VD073058.D
 Acq: 17 May 2022 15:16

Tgt Ion:146 Resp: 494865
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.3 60.9
 148 64.2 31.7 95.1

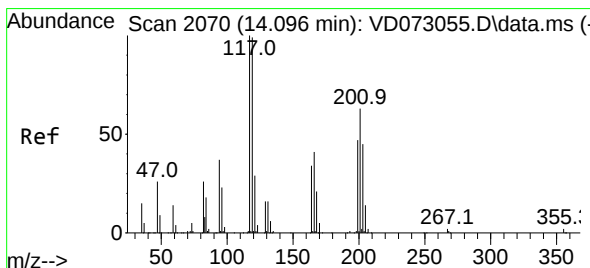
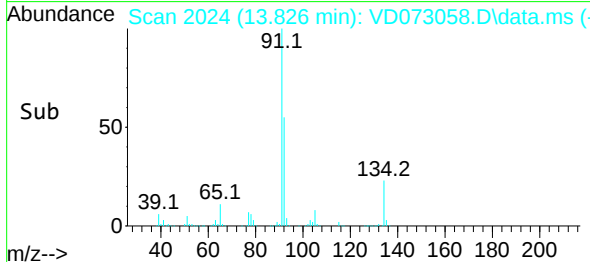
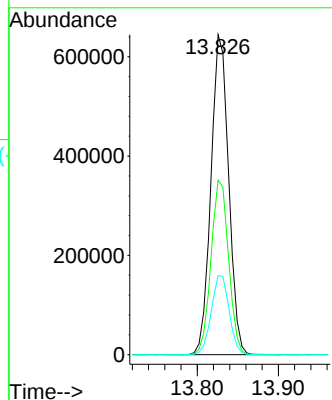
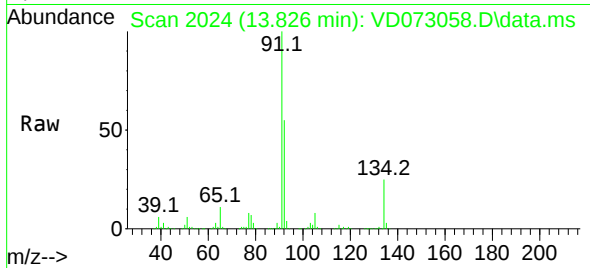




#89
n-Butylbenzene
Concen: 54.387 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

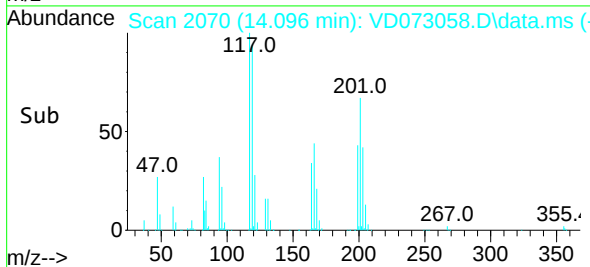
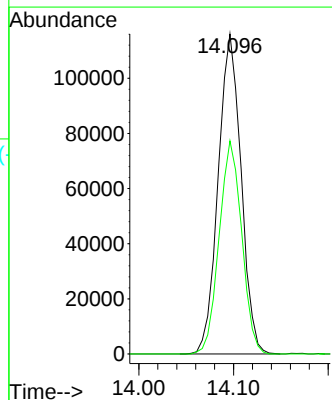
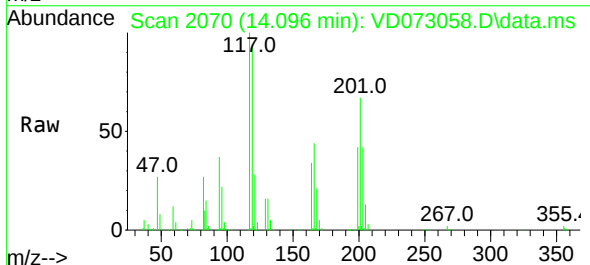
Instrument :
MSVOA_D
ClientSampleId :

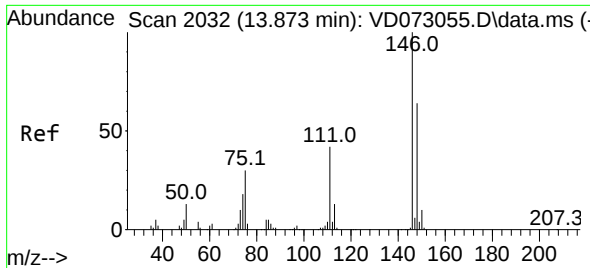
Tgt Ion: 91 Resp: 973193
Ion Ratio Lower Upper
91 100
92 54.3 26.6 79.8
134 25.1 12.3 36.9



#90
Hexachloroethane
Concen: 51.022 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

Tgt Ion: 117 Resp: 195075
Ion Ratio Lower Upper
117 100
201 65.5 33.4 100.2

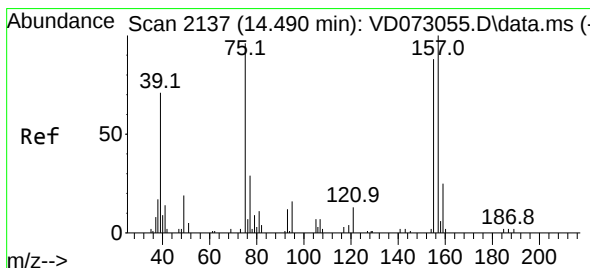
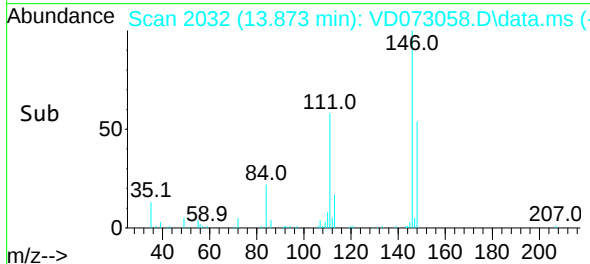
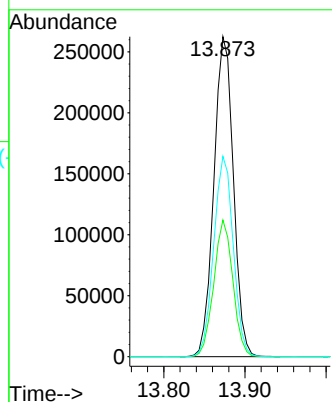
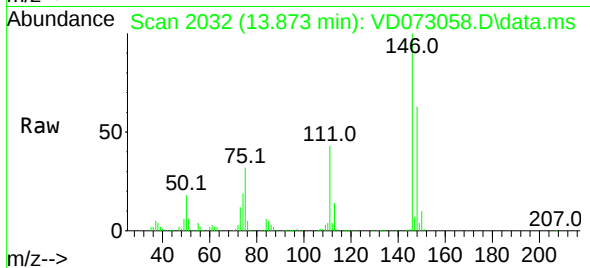




#91
1,2-Dichlorobenzene
Concen: 49.983 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

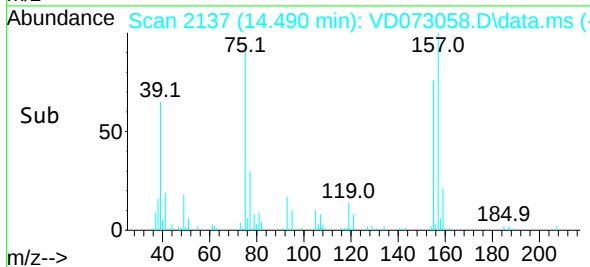
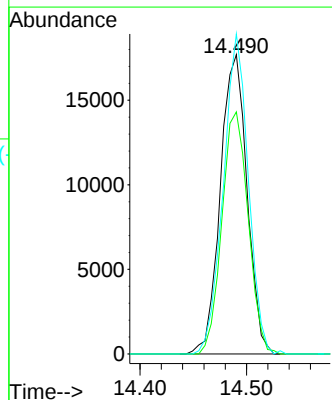
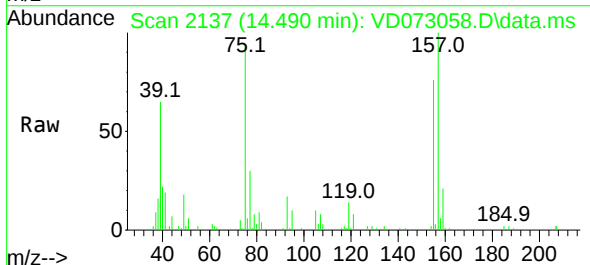
Instrument :
MSVOA_D
ClientSampleId :

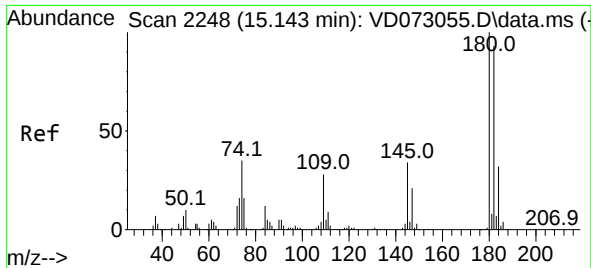
Tgt Ion:146 Resp: 439073
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.3
148 62.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.548 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073058.D
Acq: 17 May 2022 15:16

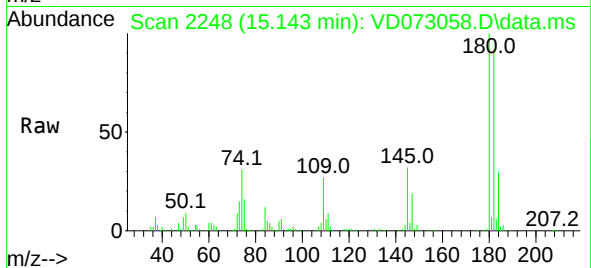
Tgt Ion: 75 Resp: 30724
Ion Ratio Lower Upper
75 100
155 79.7 36.8 110.3
157 100.2 48.4 145.0



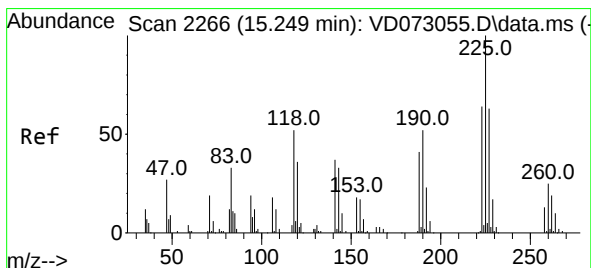
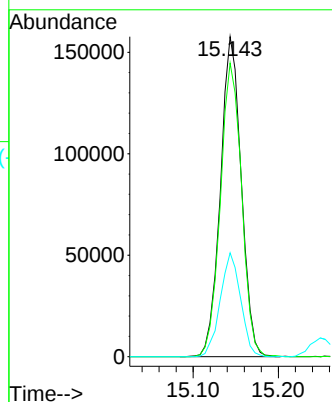
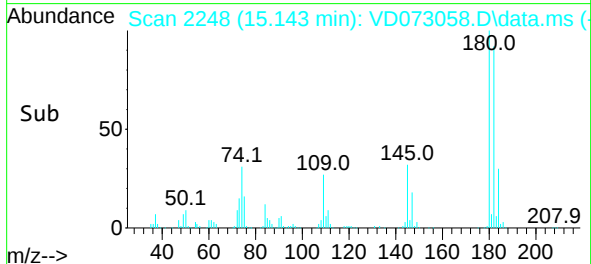


#93
 1,2,4-Trichlorobenzene
 Concen: 53.315 ug/l
 RT: 15.143 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073058.D
 Acq: 17 May 2022 15:16

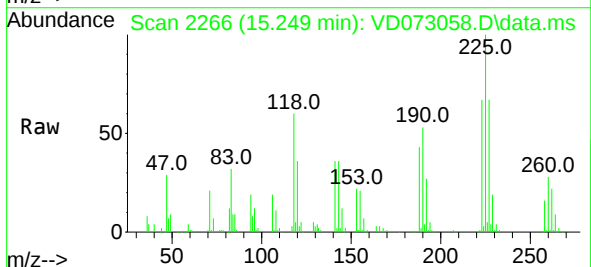
Instrument :
 MSVOA_D
 ClientSampleId :



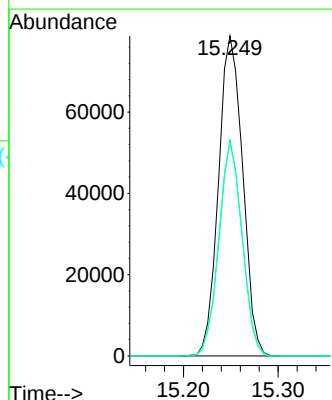
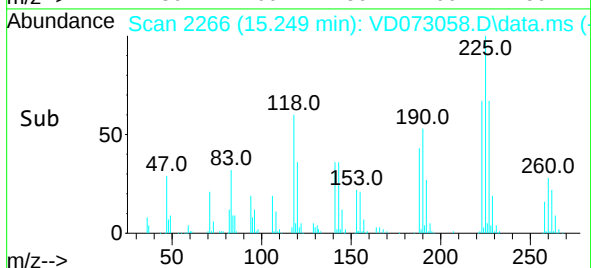
Tgt Ion:180 Resp: 267214
 Ion Ratio Lower Upper
 180 100
 182 93.6 47.3 142.0
 145 31.8 16.2 48.5

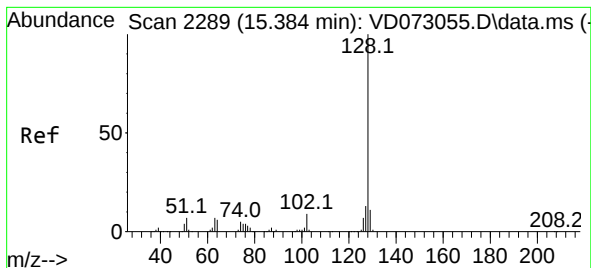


#94
 Hexachlorobutadiene
 Concen: 49.905 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD073058.D
 Acq: 17 May 2022 15:16



Tgt Ion:225 Resp: 139614
 Ion Ratio Lower Upper
 225 100
 223 64.6 31.1 93.2
 227 64.6 32.4 97.0





#95

Naphthalene

Concen: 46.695 ug/l

RT: 15.384 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

Instrument :

MSVOA_D

ClientSampleId :

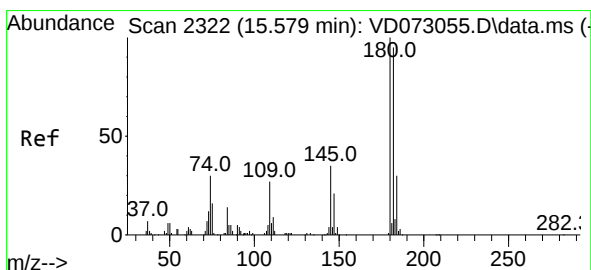
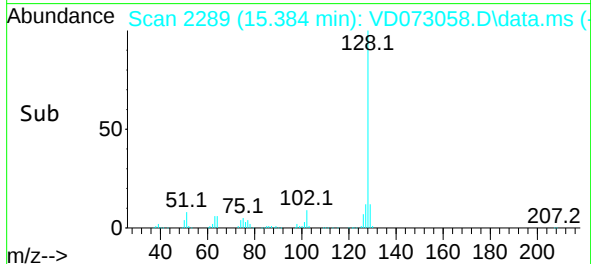
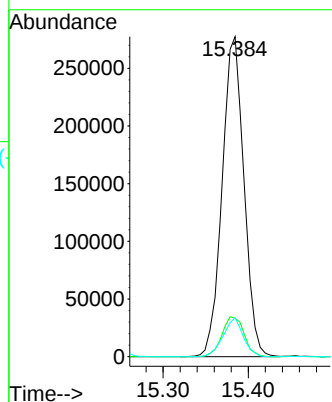
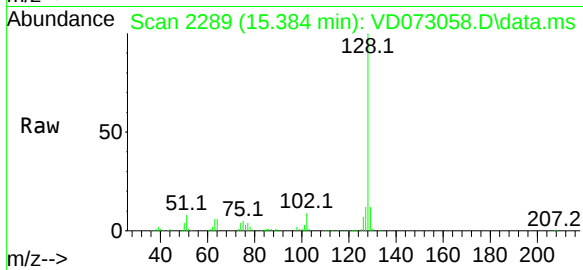
Tgt Ion:128 Resp: 492402

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.3 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 51.460 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.006 min

Lab File: VD073058.D

Acq: 17 May 2022 15:16

Tgt Ion:180 Resp: 228986

Ion Ratio Lower Upper

180 100

182 97.3 47.6 142.9

145 33.9 17.1 51.3

