

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052622\
 Data File : VD073380.D
 Acq On : 26 May 2022 11:22
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 26 16:56:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	334702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	537242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	522212	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	264282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	182069	49.222	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.440%
35) Dibromofluoromethane	7.908	113	191531	54.027	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.060%
50) Toluene-d8	10.332	98	708807	54.240	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.480%
62) 4-Bromofluorobenzene	12.620	95	257460	56.139	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	112.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	193186	57.763	ug/l	97
3) Chloromethane	2.209	50	187366	49.545	ug/l	97
4) Vinyl Chloride	2.350	62	178801	51.705	ug/l	97
5) Bromomethane	2.762	94	123862	56.386	ug/l	96
6) Chloroethane	2.920	64	110692	52.070	ug/l	97
7) Trichlorofluoromethane	3.273	101	320185	52.363	ug/l	100
8) Diethyl Ether	3.709	74	82637	49.182	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.085	101	191026	52.359	ug/l	96
10) Methyl Iodide	4.303	142	200606	50.964	ug/l	100
11) Tert butyl alcohol	5.209	59	68117	118.694	ug/l #	91
12) 1,1-Dichloroethene	4.067	96	176588	52.499	ug/l	85
13) Acrolein	3.915	56	49008	213.663	ug/l	97
14) Allyl chloride	4.709	41	268585	49.468	ug/l #	90
15) Acrylonitrile	5.414	53	186272	242.439	ug/l	98
16) Acetone	4.150	43	181063	282.605	ug/l	90
17) Carbon Disulfide	4.409	76	595429	53.399	ug/l	98
18) Methyl Acetate	4.709	43	87431	49.075	ug/l	92
19) Methyl tert-butyl Ether	5.467	73	381872	49.834	ug/l	99
20) Methylene Chloride	4.962	84	224988	55.829	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	211165	51.922	ug/l	86
22) Diisopropyl ether	6.361	45	564359	49.584	ug/l #	93
23) Vinyl Acetate	6.297	43	1530308	252.065	ug/l #	92
24) 1,1-Dichloroethane	6.256	63	354949	48.585	ug/l	97
25) 2-Butanone	7.203	43	243885	260.183	ug/l	91
26) 2,2-Dichloropropane	7.203	77	311751	50.037	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	227325	50.515	ug/l	90
28) Bromochloromethane	7.538	49	116666	46.352	ug/l #	83
29) Tetrahydrofuran	7.556	42	149200	246.159	ug/l	92
30) Chloroform	7.703	83	380822	49.930	ug/l	91
31) Cyclohexane	7.979	56	315860	48.865	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	334283	50.111	ug/l	95
36) 1,1-Dichloropropene	8.108	75	287106	53.849	ug/l	95
37) Ethyl Acetate	7.285	43	107667	51.124	ug/l #	95
38) Carbon Tetrachloride	8.091	117	298703	55.268	ug/l	99
39) Methylcyclohexane	9.350	83	339178	57.082	ug/l	95
40) Benzene	8.344	78	835931	54.401	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	55579	45.296	ug/l #	81
42) 1,2-Dichloroethane	8.414	62	220285	51.521	ug/l	96
43) Isopropyl Acetate	8.444	43	199356	51.213	ug/l #	93
44) Trichloroethene	9.102	130	220010	53.692	ug/l	97
45) 1,2-Dichloropropane	9.379	63	207404	53.596	ug/l	100
46) Dibromomethane	9.467	93	111958	52.677	ug/l	98
47) Bromodichloromethane	9.655	83	285801	52.555	ug/l #	99
48) Methyl methacrylate	9.450	41	102082	52.124	ug/l #	88
49) 1,4-Dioxane	9.455	88	23697	1079.660	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	537607	265.908	ug/l	93
52) Toluene	10.397	92	540027	55.615	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	261836	53.295	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	313271	53.284	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	154367	53.711	ug/l	99
56) Ethyl methacrylate	10.655	69	177396	55.515	ug/l #	82
57) 1,3-Dichloropropane	10.938	76	253290	52.524	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	387258	254.640	ug/l	94
59) 2-Hexanone	10.973	43	395092	296.409	ug/l	94
60) Dibromochloromethane	11.132	129	193831	54.087	ug/l	98
61) 1,2-Dibromoethane	11.238	107	142630	51.935	ug/l	99
64) Tetrachloroethene	10.867	164	185175	54.139	ug/l	97
65) Chlorobenzene	11.661	112	556619	51.957	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	206813	52.053	ug/l	98
67) Ethyl Benzene	11.738	91	1011974	53.810	ug/l	98
68) m/p-Xylenes	11.844	106	807621	110.534	ug/l	98
69) o-Xylene	12.167	106	366252	54.565	ug/l	97
70) Styrene	12.185	104	643276	55.704	ug/l	97
71) Bromoform	12.349	173	110424	54.001	ug/l #	100
73) Isopropylbenzene	12.467	105	985949	52.331	ug/l	98
74) N-amyl acetate	12.279	43	198624	48.326	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	171721	49.419	ug/l	97
76) 1,2,3-Trichloropropane	12.767	75	217629	83.927	ug/l #	100
77) Bromobenzene	12.749	156	223342	50.358	ug/l	92
78) n-propylbenzene	12.808	91	1240023	52.426	ug/l	99
79) 2-Chlorotoluene	12.896	91	691533	50.637	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	837435	52.471	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	54367	50.334	ug/l	87
82) 4-Chlorotoluene	12.991	91	740510	51.731	ug/l	99
83) tert-Butylbenzene	13.208	119	717624	53.352	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	837437	53.114	ug/l	98
85) sec-Butylbenzene	13.385	105	1091970	53.168	ug/l	99
86) p-Isopropyltoluene	13.502	119	893247	53.353	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	459155	51.362	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	452576	50.153	ug/l	99
89) n-Butylbenzene	13.826	91	855811	53.649	ug/l	99
90) Hexachloroethane	14.096	117	177124	51.130	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	395783	51.170	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.485	75	25355	47.649	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	227915	51.902	ug/l	99
94) Hexachlorobutadiene	15.243	225	127338	51.460	ug/l	98
95) Naphthalene	15.379	128	398544	46.360	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	204644	52.568	ug/l	99

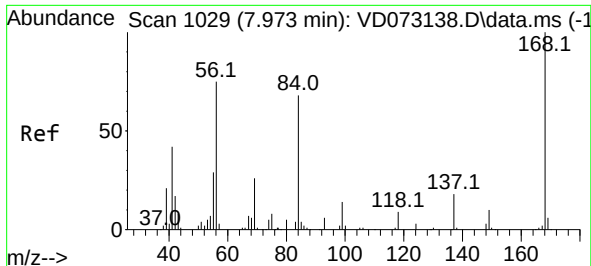
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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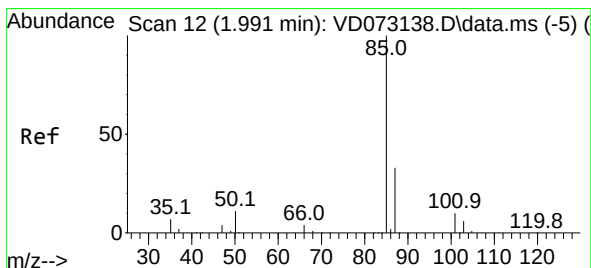
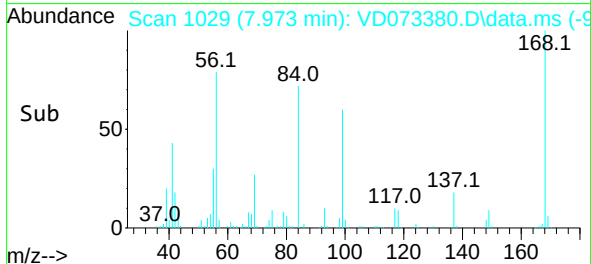
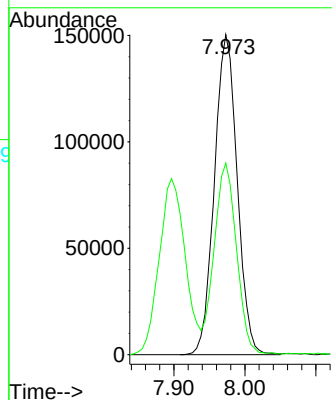
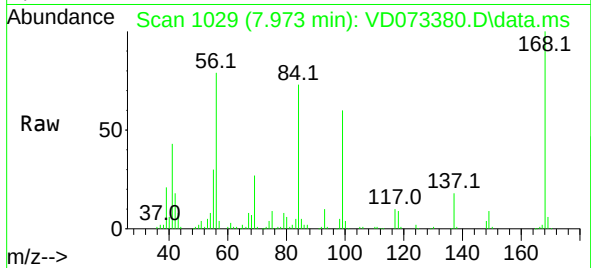
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
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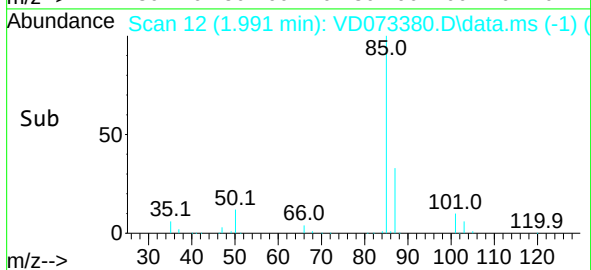
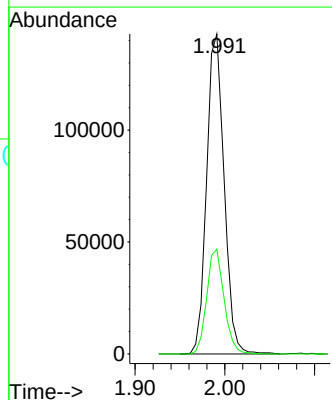
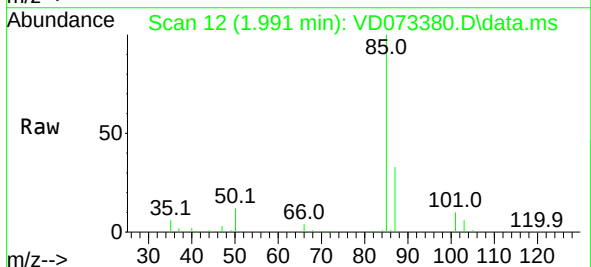
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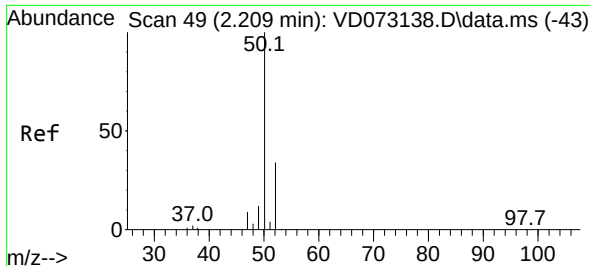
Tgt Ion:168 Resp: 334702
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 57.763 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 85 Resp: 193186
Ion Ratio Lower Upper
85 100
87 32.7 15.7 47.0

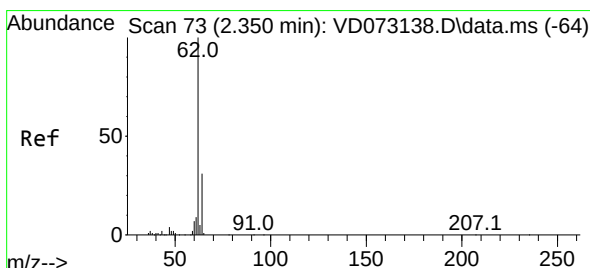
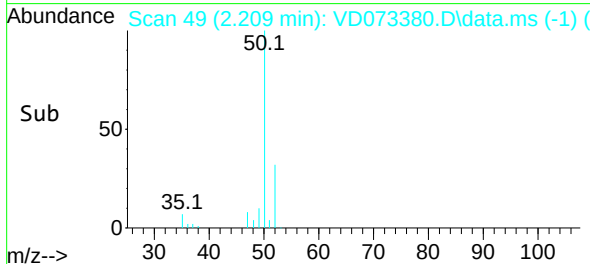
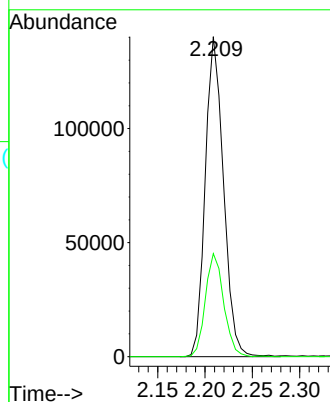
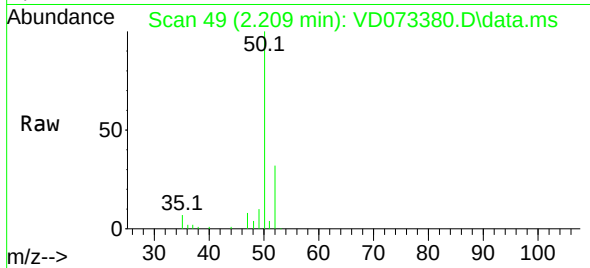




#3
Chloromethane
Concen: 49.545 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

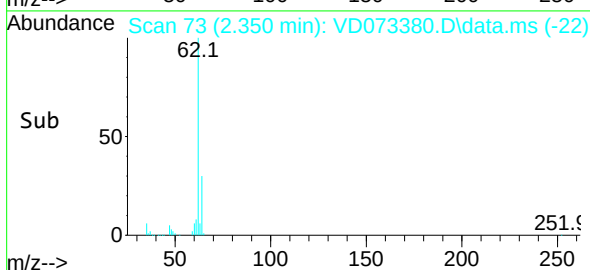
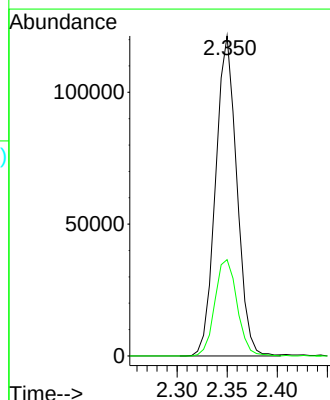
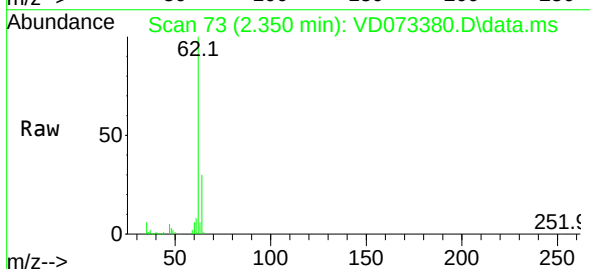
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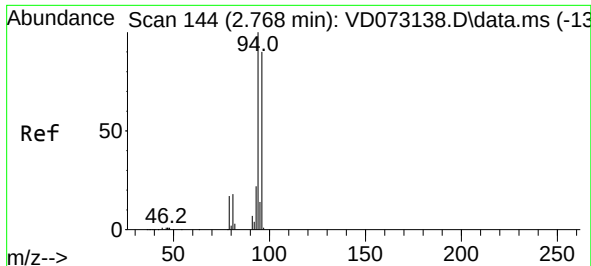
Tgt Ion: 50 Resp: 187366
Ion Ratio Lower Upper
50 100
52 32.2 27.4 41.0



#4
Vinyl Chloride
Concen: 51.705 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 62 Resp: 178801
Ion Ratio Lower Upper
62 100
64 30.1 25.4 38.0

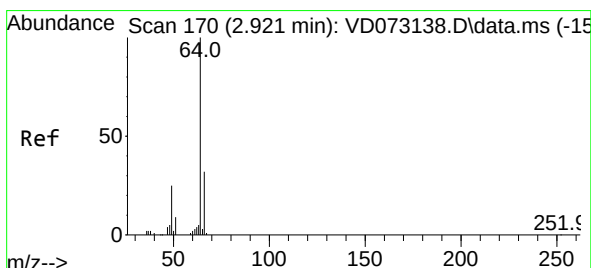
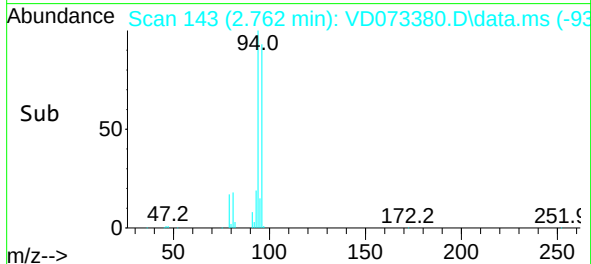
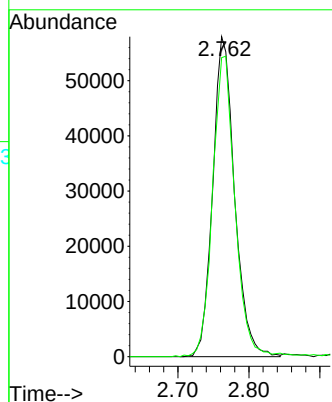
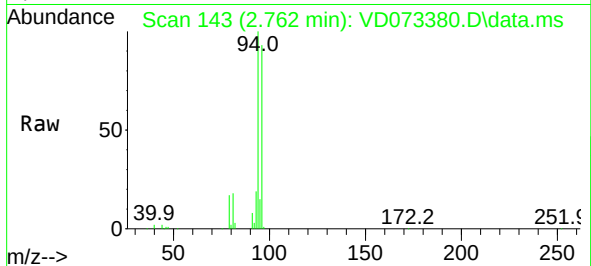




#5
Bromomethane
Concen: 56.386 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

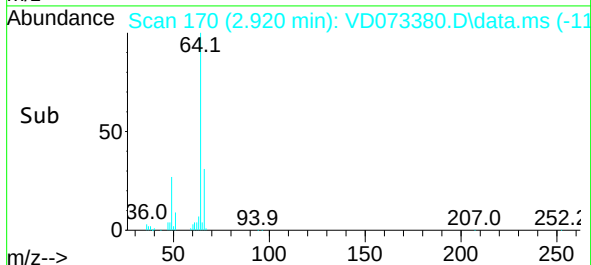
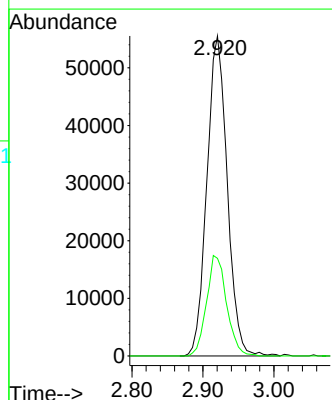
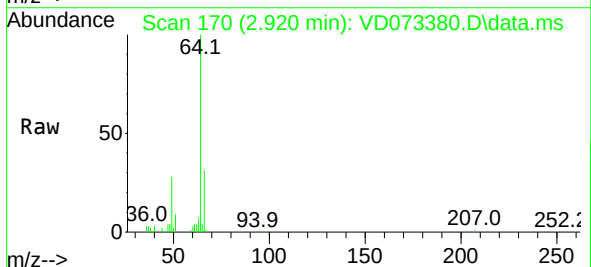
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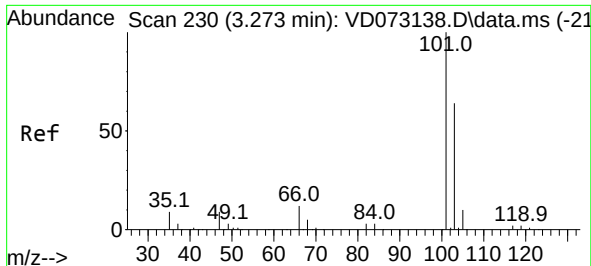
Tgt Ion: 94 Resp: 123862
Ion Ratio Lower Upper
94 100
96 93.4 77.6 116.4



#6
Chloroethane
Concen: 52.070 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 64 Resp: 110692
Ion Ratio Lower Upper
64 100
66 30.5 25.9 38.9

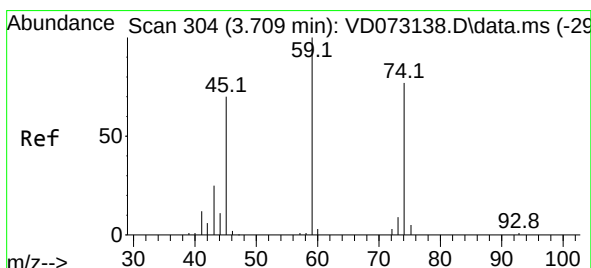
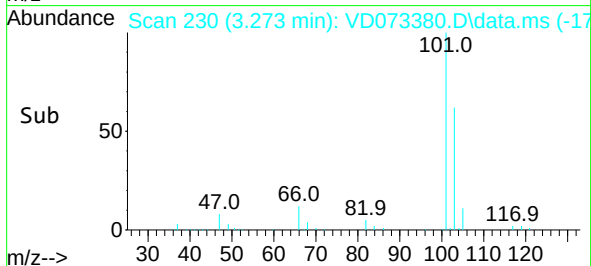
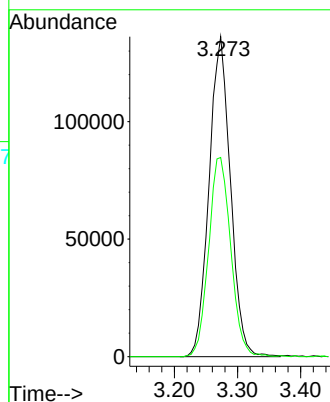
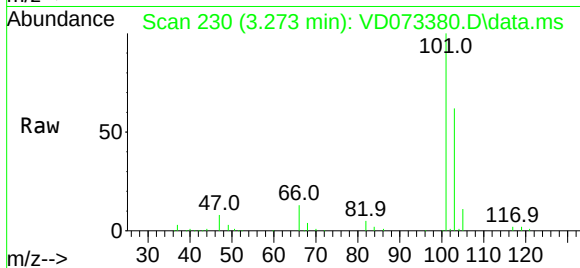




#7
 Trichlorofluoromethane
 Concen: 52.363 ug/l
 RT: 3.273 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073380.D
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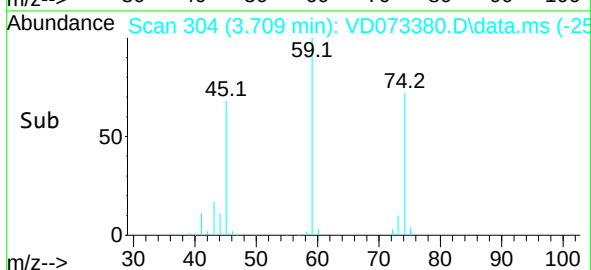
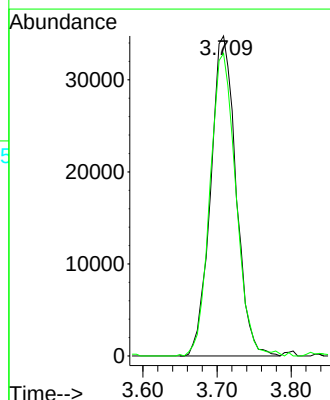
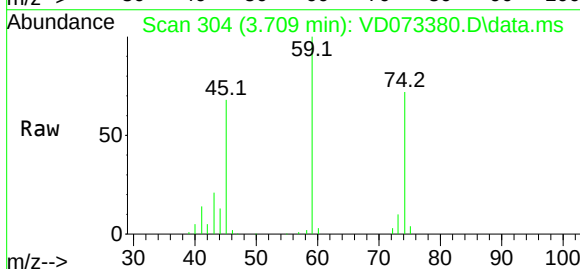
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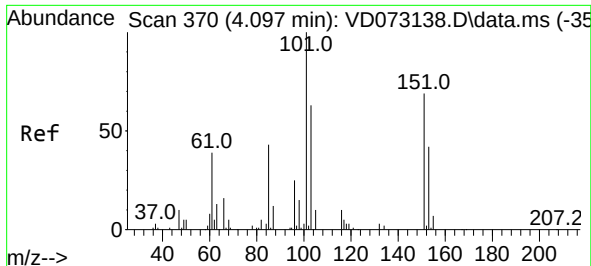
Tgt Ion:101 Resp: 320185
 Ion Ratio Lower Upper
 101 100
 103 62.2 50.1 75.1



#8
 Diethyl Ether
 Concen: 49.182 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073380.D
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Tgt Ion: 74 Resp: 82637
 Ion Ratio Lower Upper
 74 100
 45 96.6 52.6 157.8

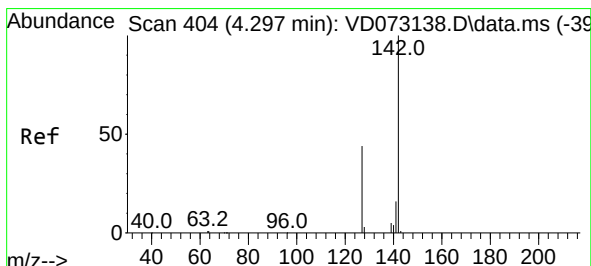
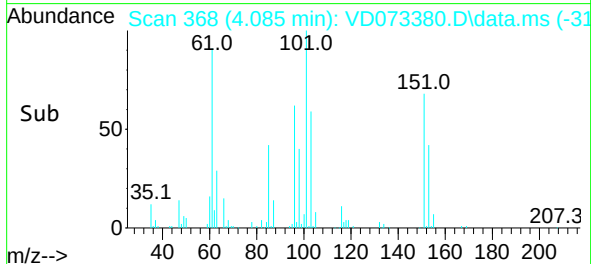
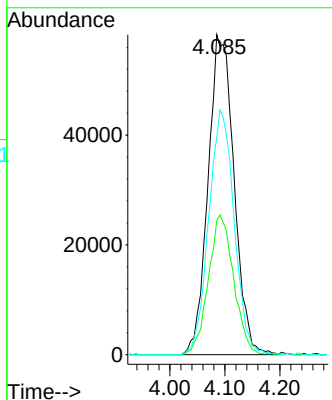
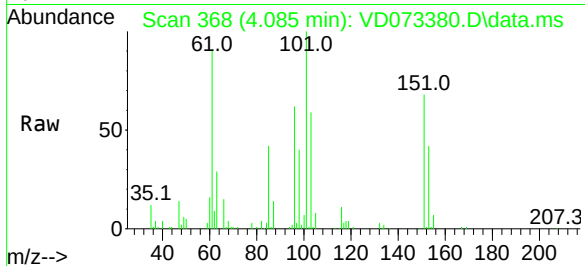




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.359 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.012 min
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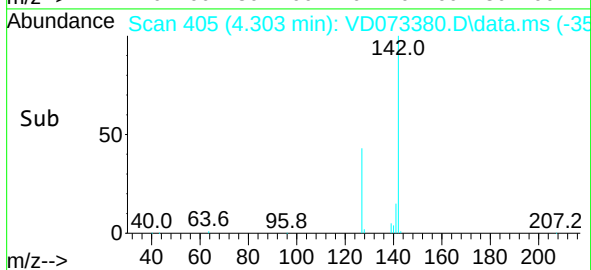
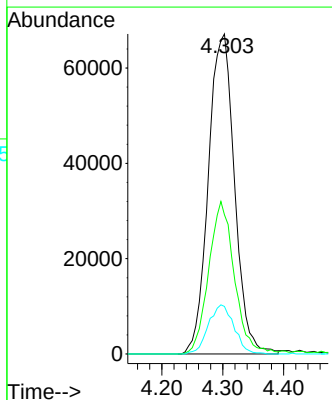
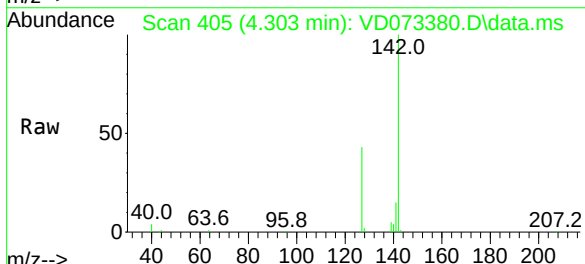
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MSVOA_D
ClientSampleId :
VSTDCCC050

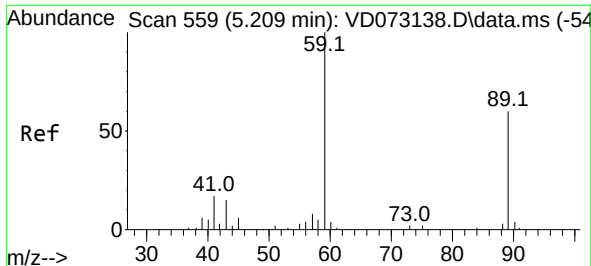
Tgt Ion:101 Resp: 191026
Ion Ratio Lower Upper
101 100
85 42.5 36.4 54.6
151 75.2 57.3 85.9



#10
Methyl Iodide
Concen: 50.964 ug/l
RT: 4.303 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion:142 Resp: 200606
Ion Ratio Lower Upper
142 100
127 46.7 37.3 55.9
141 15.1 11.7 17.5





#11

Tert butyl alcohol

Concen: 118.694 ug/l

RT: 5.209 min Scan# 51

Delta R.T. -0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

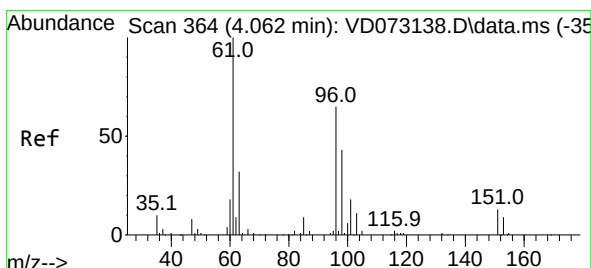
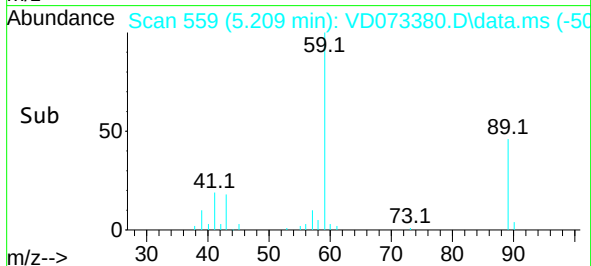
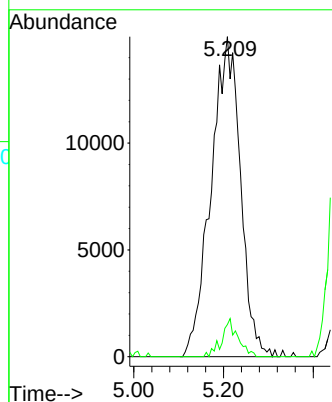
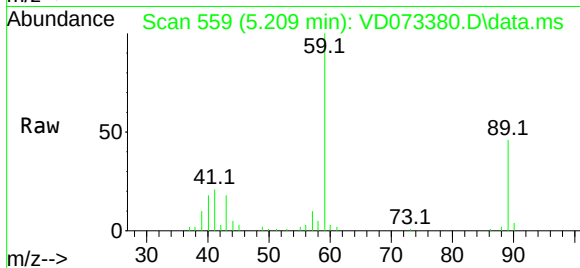
VSTDCCC050

Tgt Ion: 59 Resp: 68117

Ion Ratio Lower Upper

59 100

57 6.5 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 52.499 ug/l

RT: 4.067 min Scan# 365

Delta R.T. 0.005 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

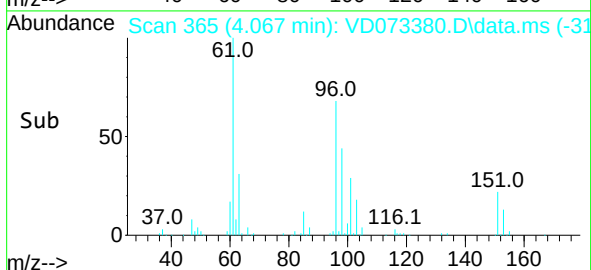
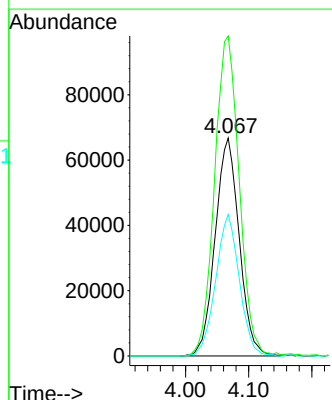
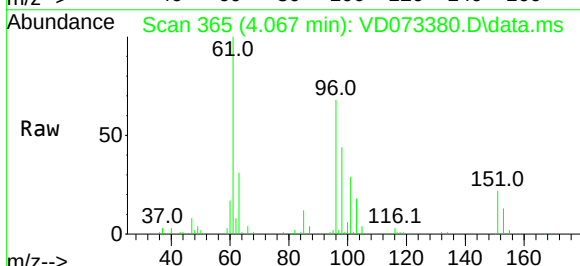
Tgt Ion: 96 Resp: 176588

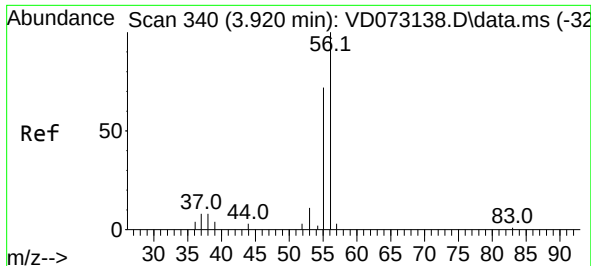
Ion Ratio Lower Upper

96 100

61 146.9 138.5 207.7

98 64.9 48.6 73.0

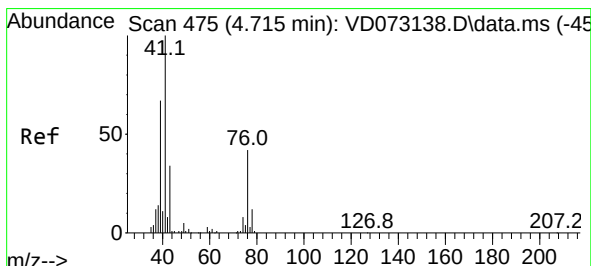
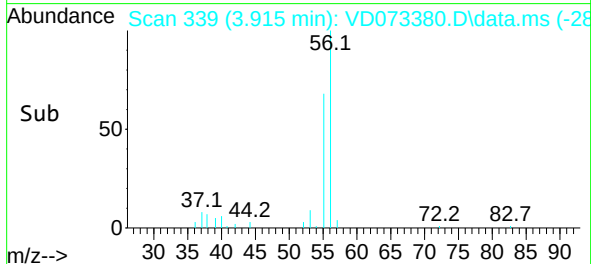
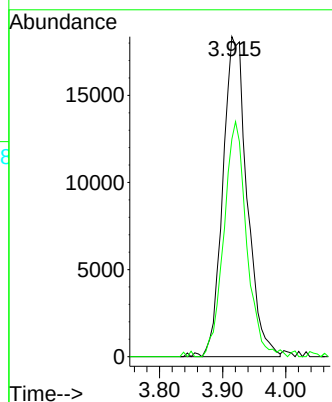
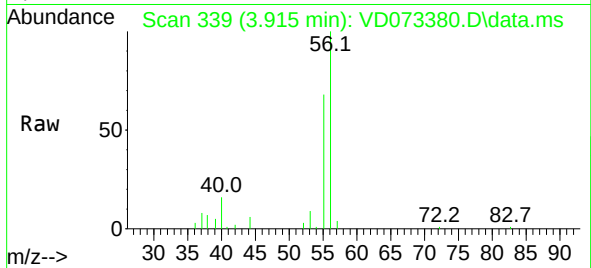




#13
Acrolein
Concen: 213.663 ug/l
RT: 3.915 min Scan# 31
Delta R.T. -0.005 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

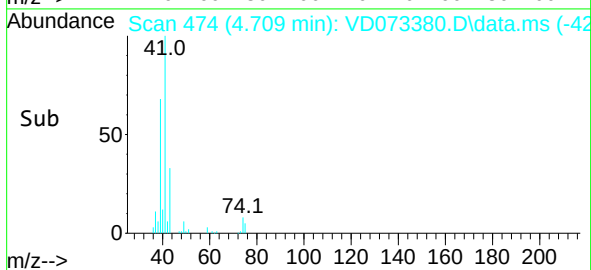
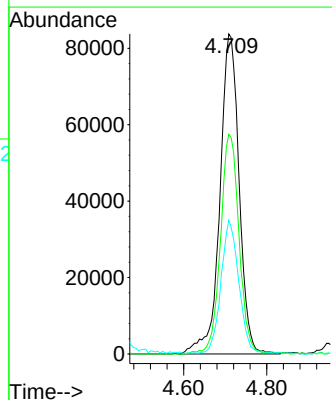
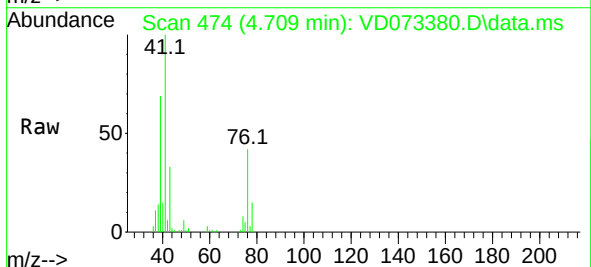
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

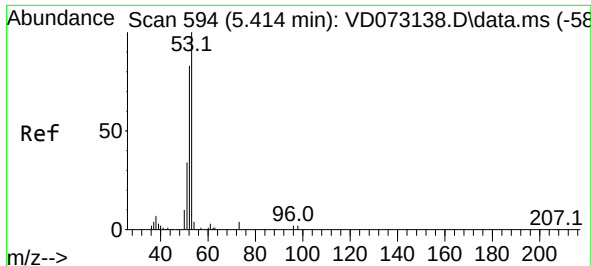
Tgt Ion: 56 Resp: 49008
Ion Ratio Lower Upper
56 100
55 68.7 57.1 85.7



#14
Allyl chloride
Concen: 49.468 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 41 Resp: 268585
Ion Ratio Lower Upper
41 100
39 66.3 59.3 88.9
76 39.3 25.7 38.5#

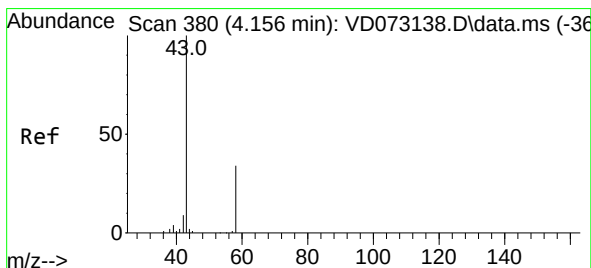
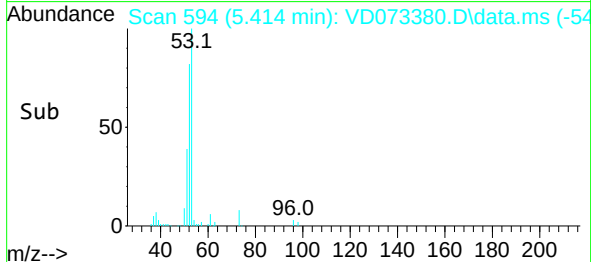
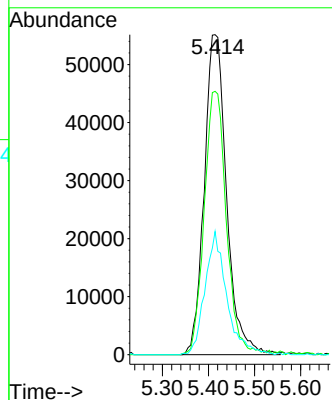
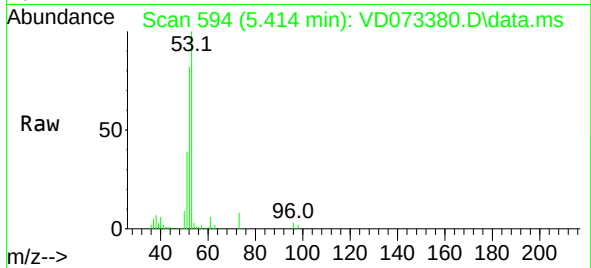




#15
Acrylonitrile
Concen: 242.439 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

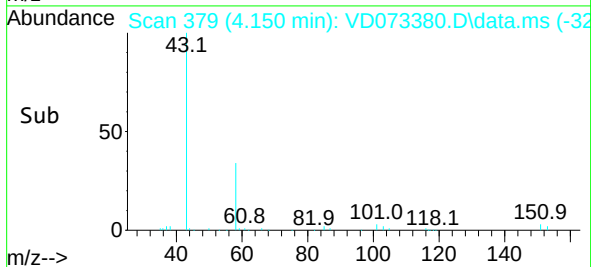
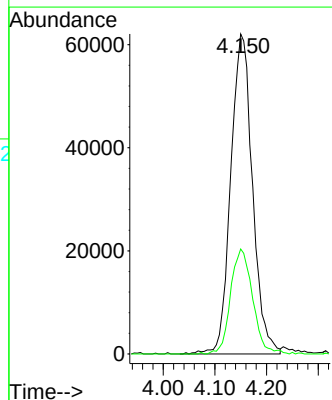
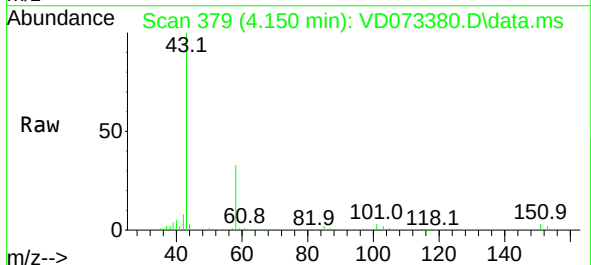
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

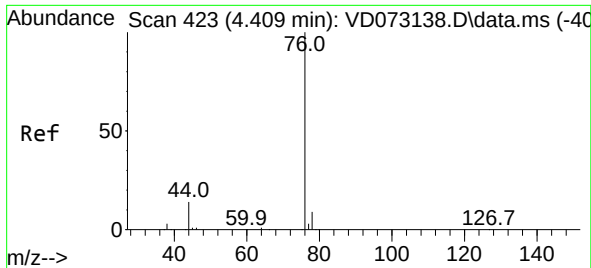
Tgt Ion: 53 Resp: 186272
Ion Ratio Lower Upper
53 100
52 81.7 67.2 100.8
51 37.4 30.3 45.5



#16
Acetone
Concen: 282.605 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 43 Resp: 181063
Ion Ratio Lower Upper
43 100
58 32.8 22.1 33.1

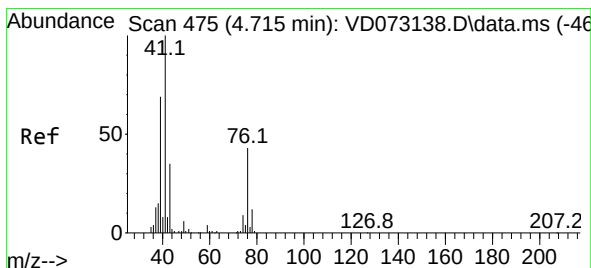
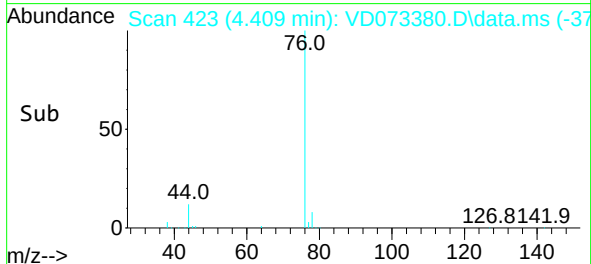
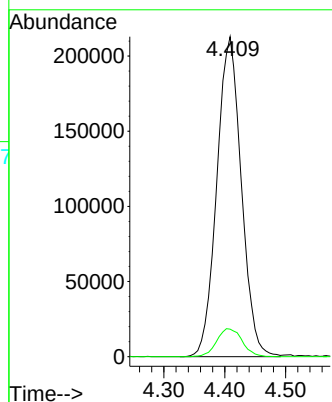
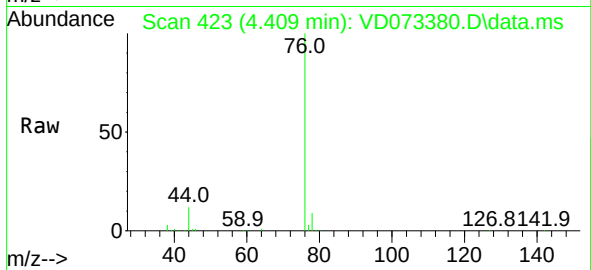




#17
Carbon Disulfide
Concen: 53.399 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

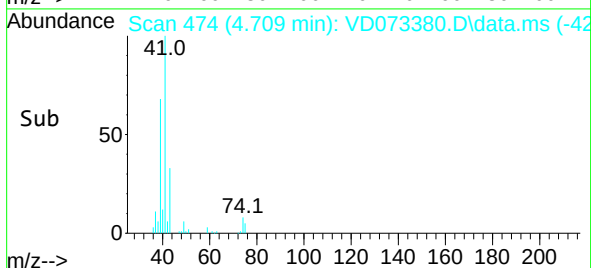
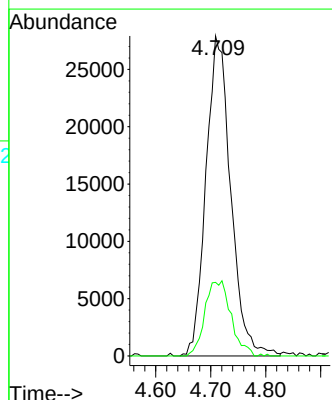
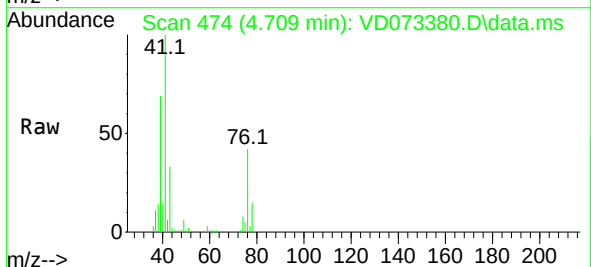
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

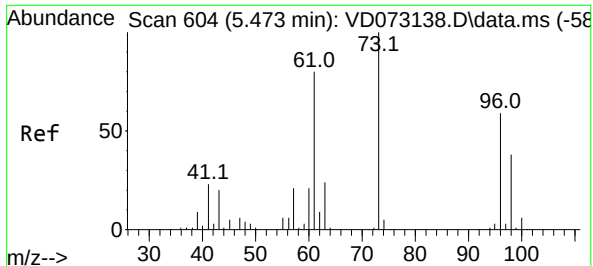
Tgt Ion: 76 Resp: 595429
Ion Ratio Lower Upper
76 100
78 8.6 7.5 11.3



#18
Methyl Acetate
Concen: 49.075 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 43 Resp: 87431
Ion Ratio Lower Upper
43 100
74 24.6 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 49.834 ug/l

RT: 5.467 min Scan# 604

Delta R.T. -0.006 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

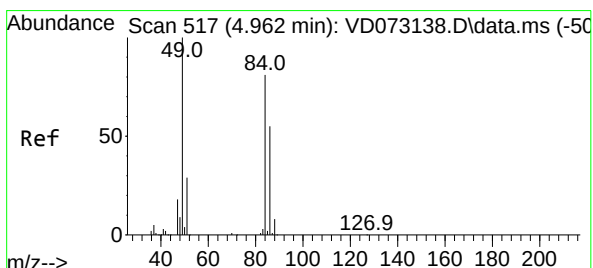
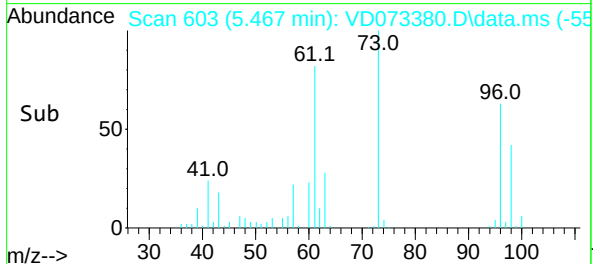
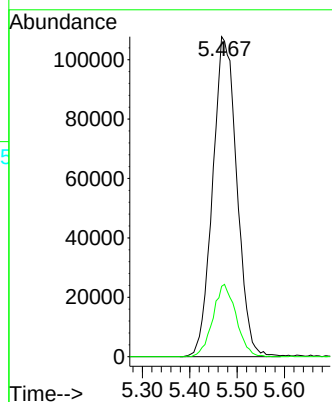
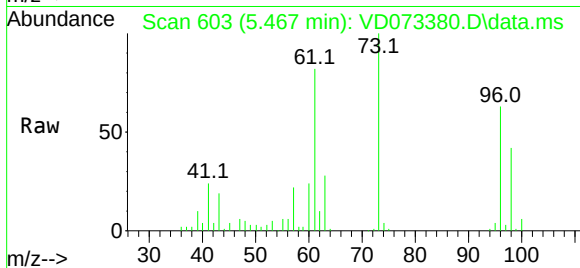
VSTDCCC050

Tgt Ion: 73 Resp: 381872

Ion Ratio Lower Upper

73 100

57 22.0 18.0 27.0



#20

Methylene Chloride

Concen: 55.829 ug/l

RT: 4.962 min Scan# 517

Delta R.T. -0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Tgt Ion: 84 Resp: 224988

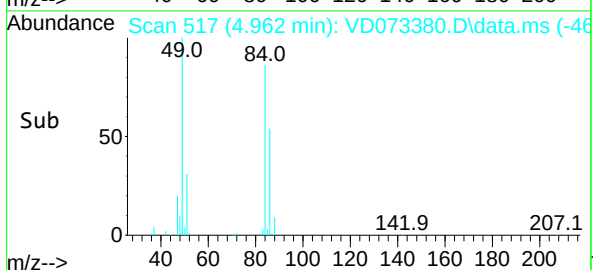
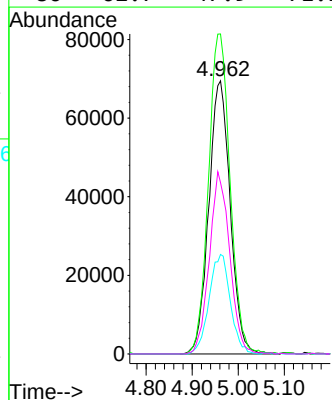
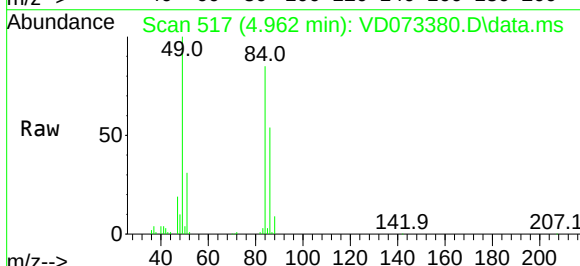
Ion Ratio Lower Upper

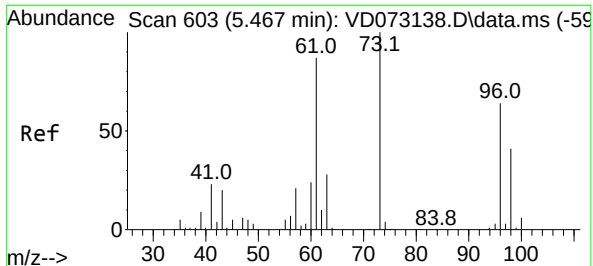
84 100

49 117.2 112.8 169.2

51 36.4 32.6 48.8

86 62.7 47.9 71.9





#21

trans-1,2-Dichloroethene

Concen: 51.922 ug/l

RT: 5.473 min Scan# 603

Delta R.T. 0.006 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

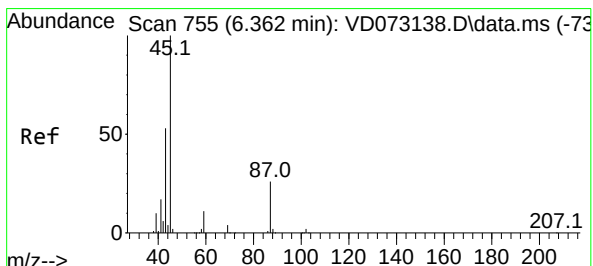
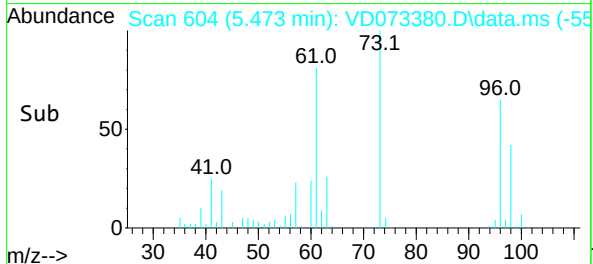
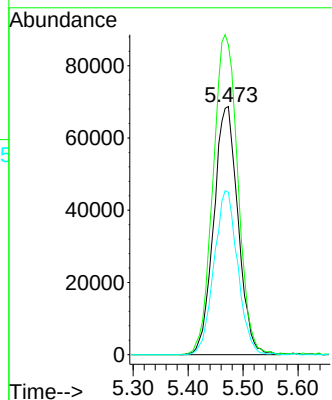
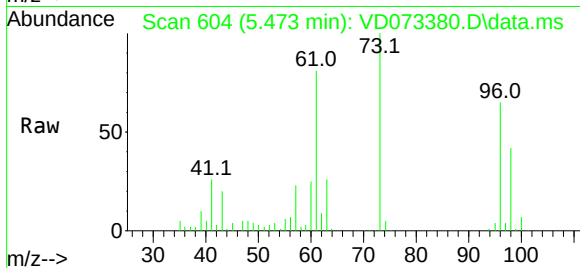
Tgt Ion: 96 Resp: 211165

Ion Ratio Lower Upper

96 100

61 124.9 117.9 176.9

98 65.4 49.4 74.2



#22

Diisopropyl ether

Concen: 49.584 ug/l

RT: 6.361 min Scan# 755

Delta R.T. -0.001 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Tgt Ion: 45 Resp: 564359

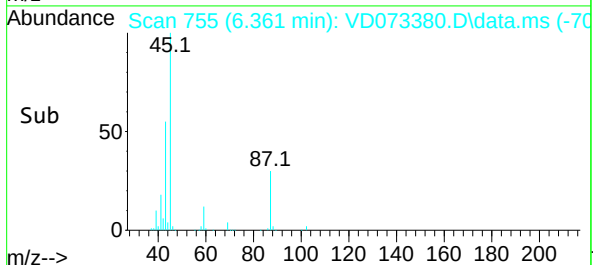
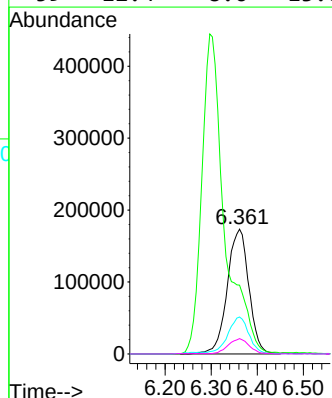
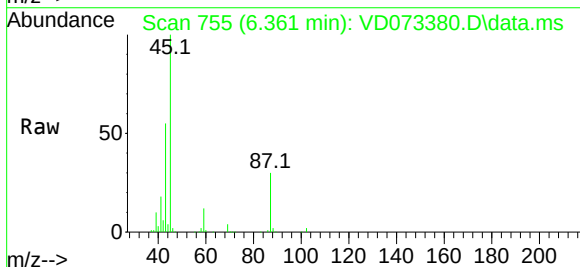
Ion Ratio Lower Upper

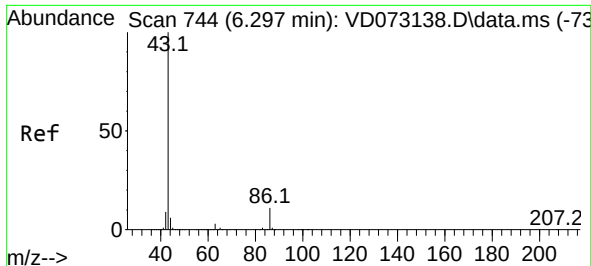
45 100

43 54.9 46.6 70.0

87 29.5 18.4 27.6#

59 12.4 8.6 13.0

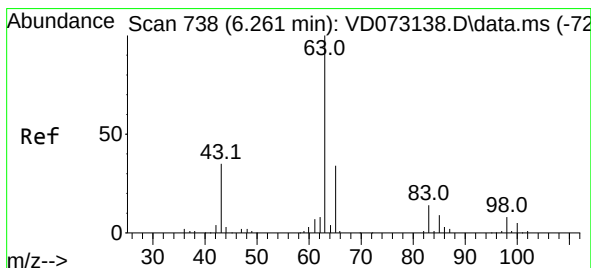
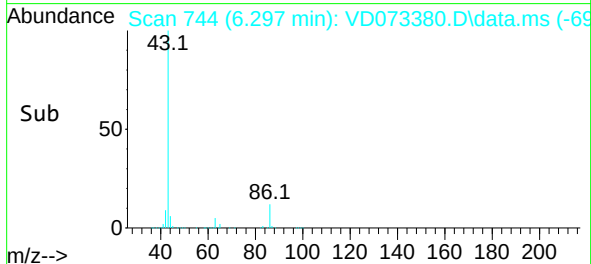
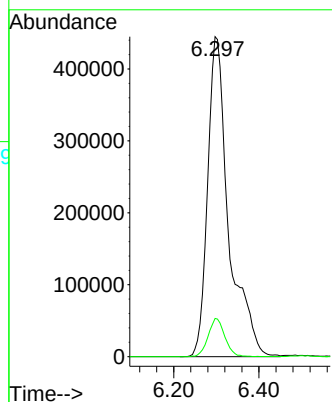
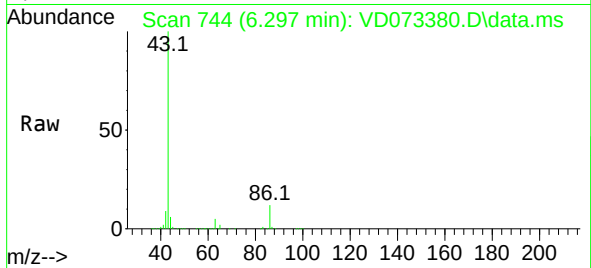




#23
 Vinyl Acetate
 Concen: 252.065 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073380.D
 Acq: 26 May 2022 11:22

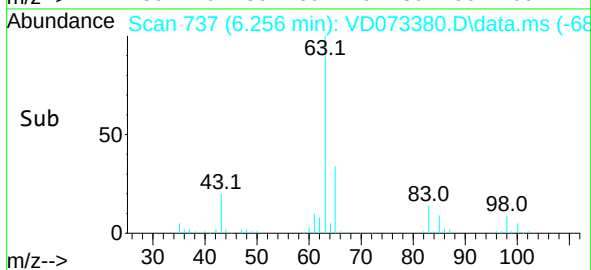
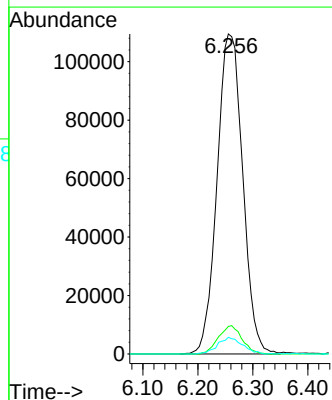
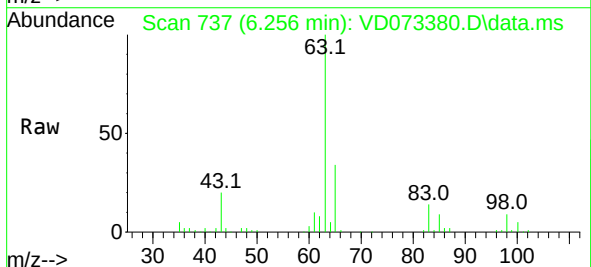
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

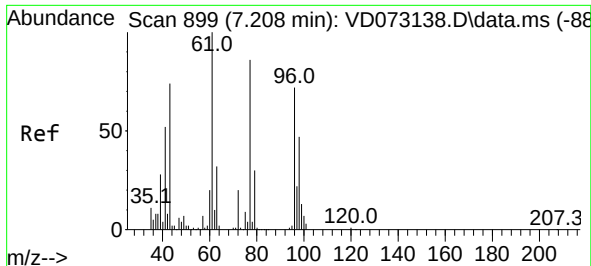
Tgt Ion: 43 Resp: 1530308
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 48.585 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073380.D
 Acq: 26 May 2022 11:22

Tgt Ion: 63 Resp: 354949
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.6 10.9
 100 5.2 2.1 6.5

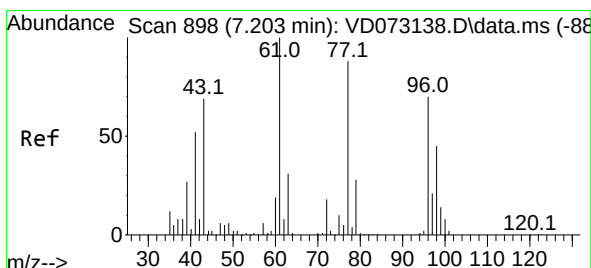
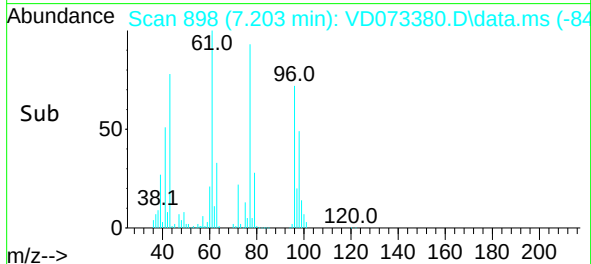
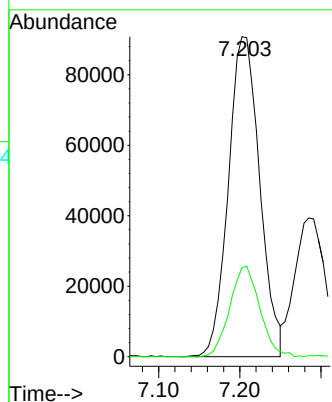
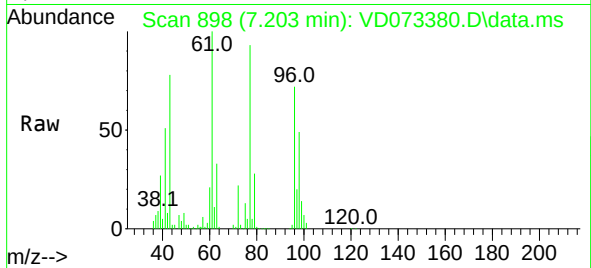




#25
2-Butanone
Concen: 260.183 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.005 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

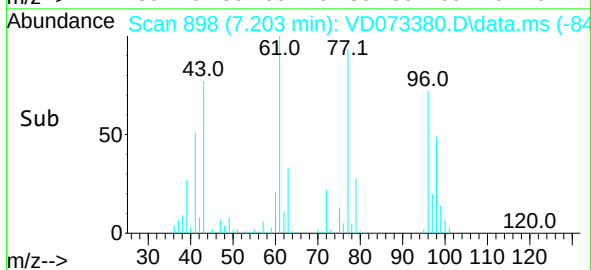
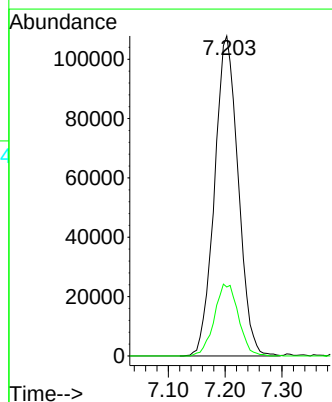
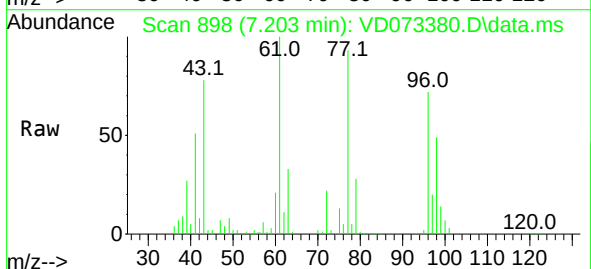
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

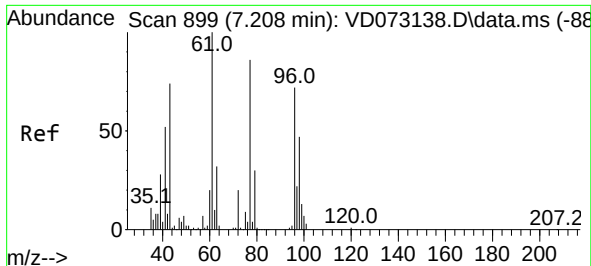
Tgt Ion: 43 Resp: 243885
Ion Ratio Lower Upper
43 100
72 27.8 18.6 27.8



#26
2,2-Dichloropropane
Concen: 50.037 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 77 Resp: 311751
Ion Ratio Lower Upper
77 100
97 22.9 10.8 32.4

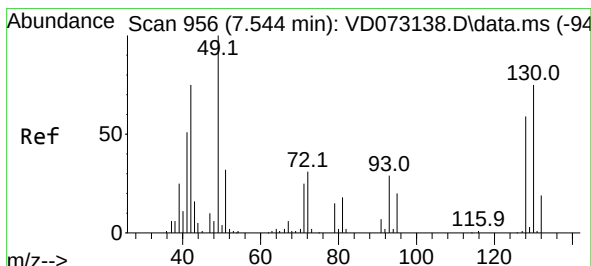
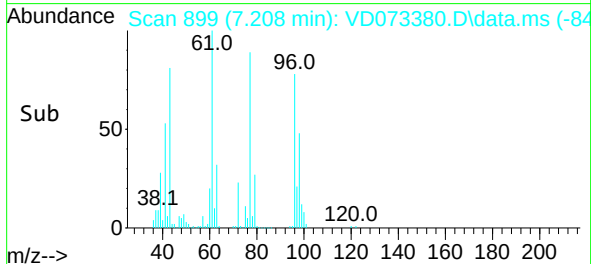
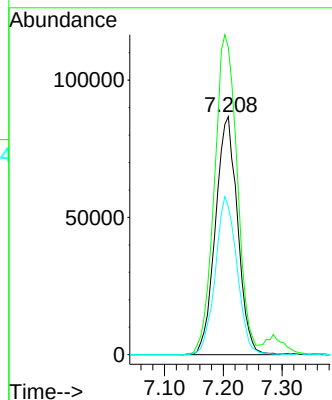
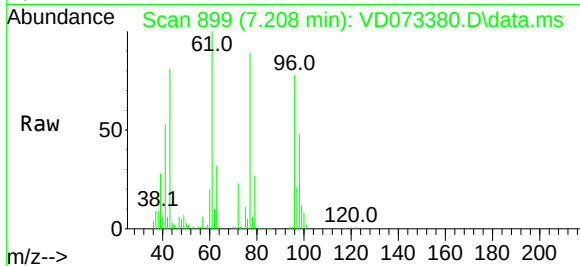




#27
 cis-1,2-Dichloroethene
 Concen: 50.515 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073380.D
 Acq: 26 May 2022 11:22

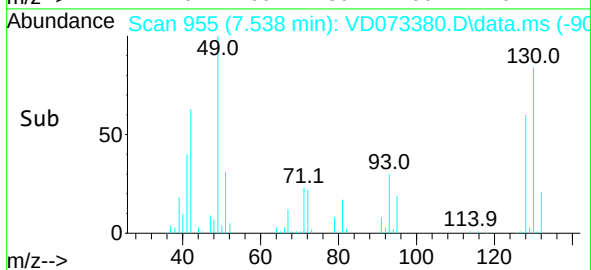
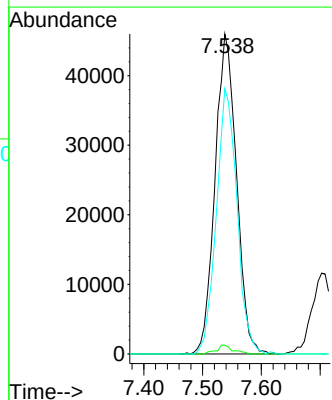
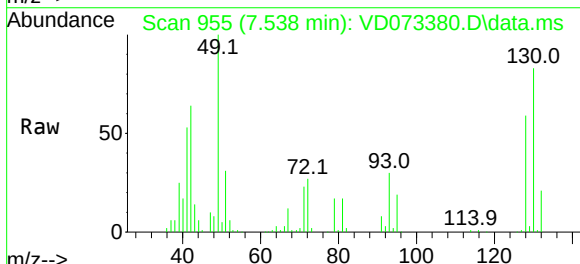
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

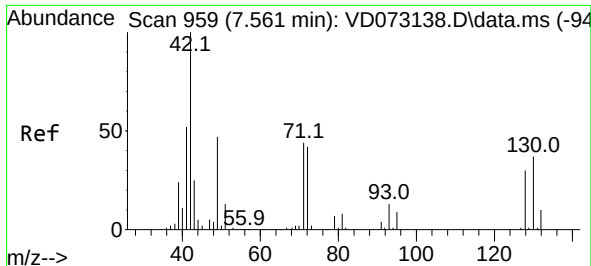
Tgt Ion: 96 Resp: 227325
 Ion Ratio Lower Upper
 96 100
 61 138.7 0.0 313.8
 98 65.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 46.352 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073380.D
 Acq: 26 May 2022 11:22

Tgt Ion: 49 Resp: 116666
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 79.8 52.6 79.0#





#29

Tetrahydrofuran

Concen: 246.159 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

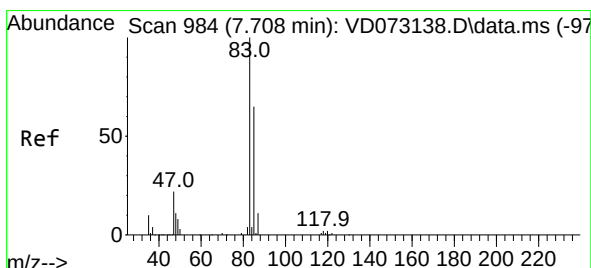
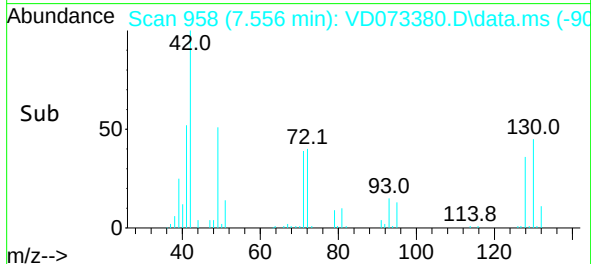
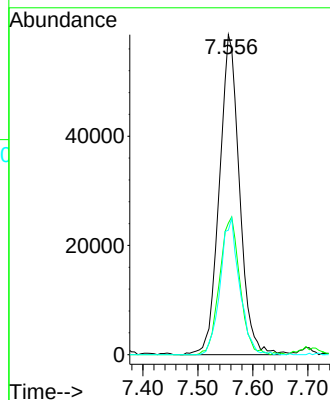
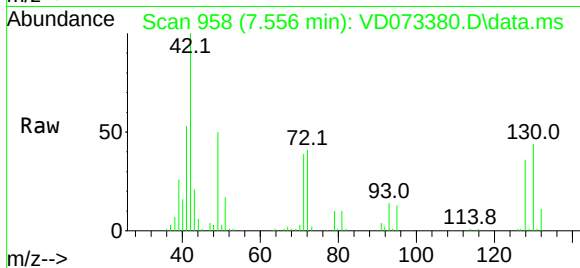
Tgt Ion: 42 Resp: 149200

Ion Ratio Lower Upper

42 100

72 43.3 30.7 46.1

71 40.7 28.6 43.0



#30

Chloroform

Concen: 49.930 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073380.D

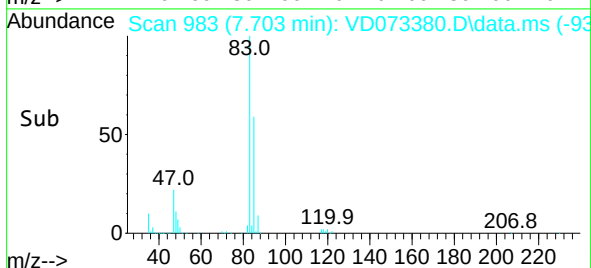
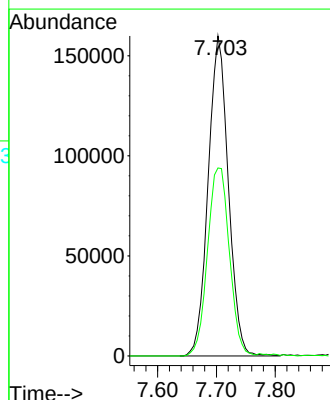
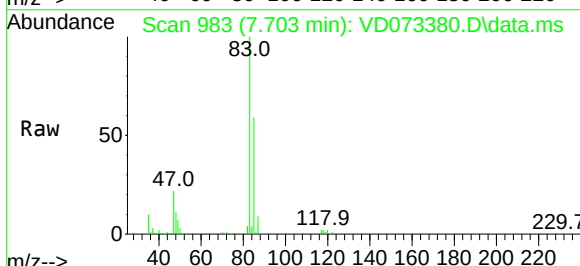
Acq: 26 May 2022 11:22

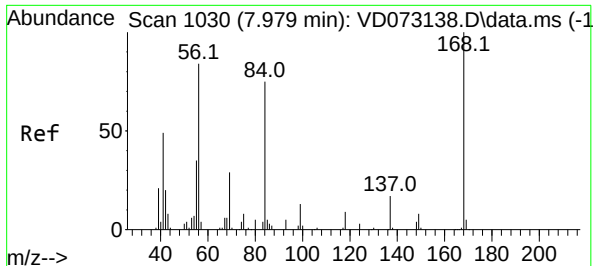
Tgt Ion: 83 Resp: 380822

Ion Ratio Lower Upper

83 100

85 58.7 52.7 79.1





#31

Cyclohexane

Concen: 48.865 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

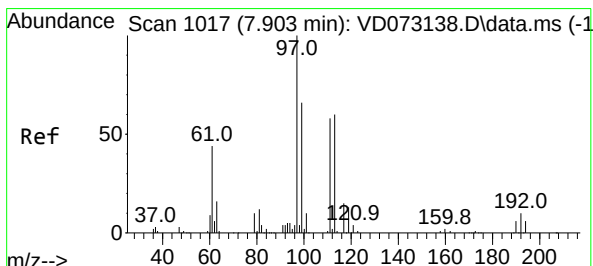
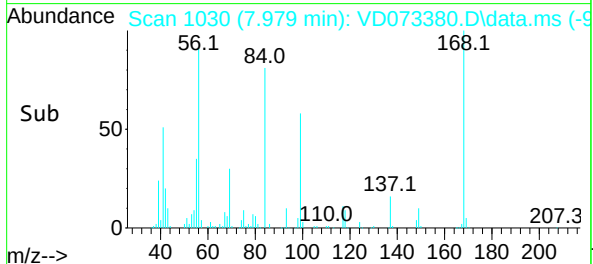
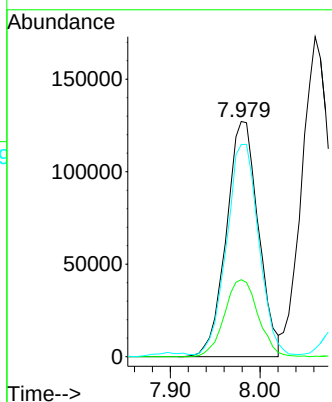
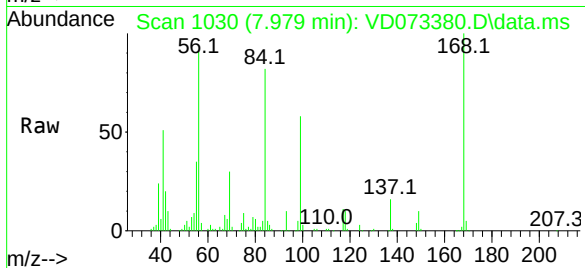
Tgt Ion: 56 Resp: 315860

Ion Ratio Lower Upper

56 100

69 32.7 25.4 38.2

84 88.9 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 50.111 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

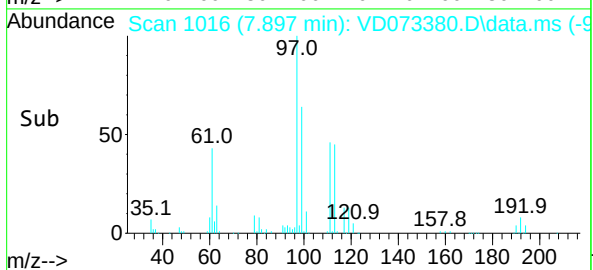
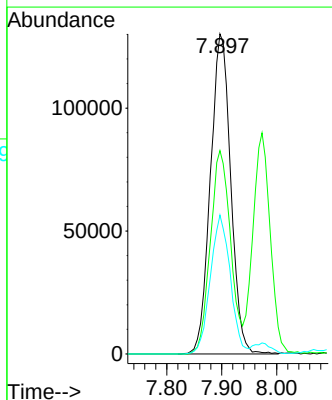
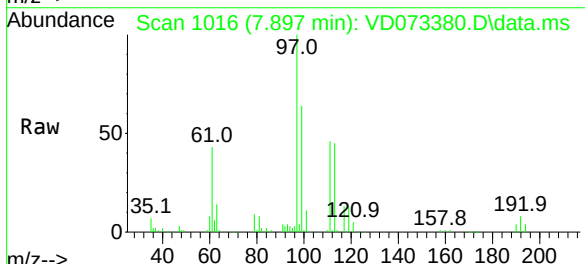
Tgt Ion: 97 Resp: 334283

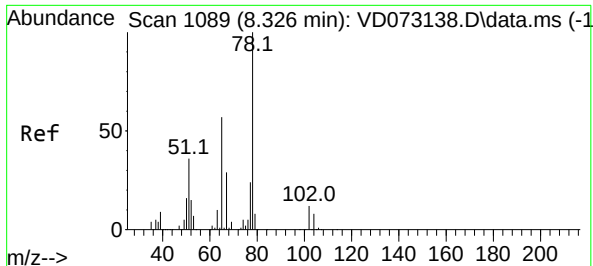
Ion Ratio Lower Upper

97 100

99 63.5 52.4 78.6

61 42.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 49.222 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

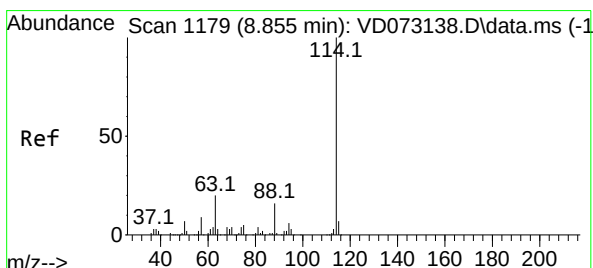
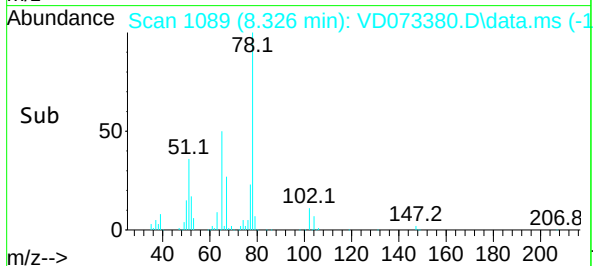
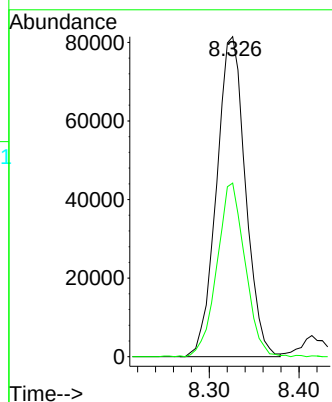
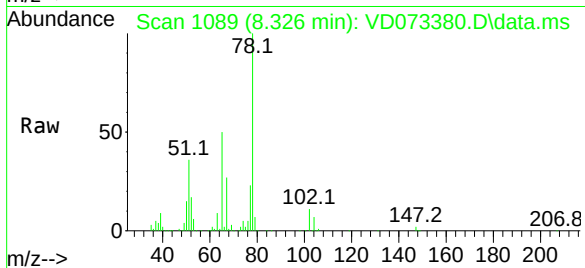
VSTDCCC050

Tgt Ion: 65 Resp: 182069

Ion Ratio Lower Upper

65 100

67 52.7 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

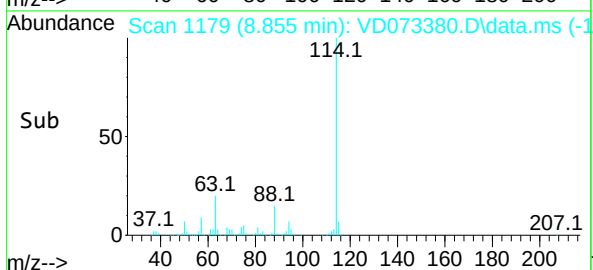
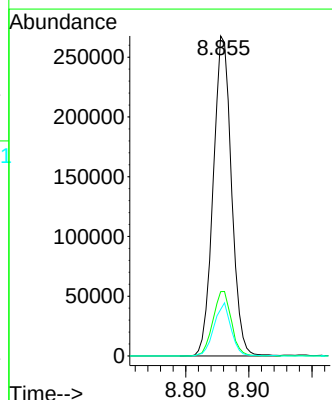
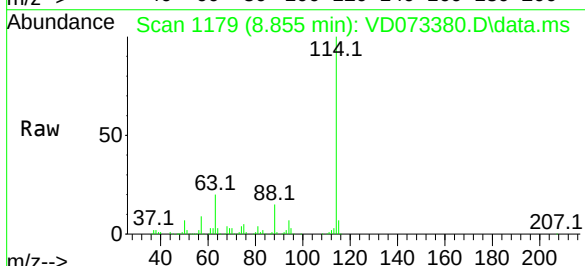
Tgt Ion: 114 Resp: 537242

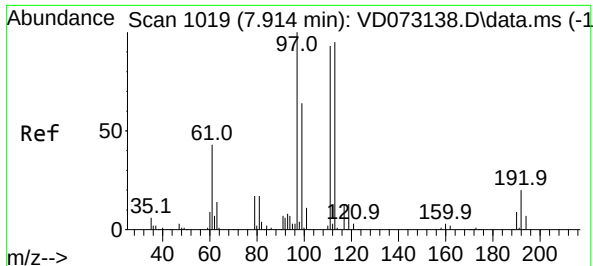
Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 14.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.027 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

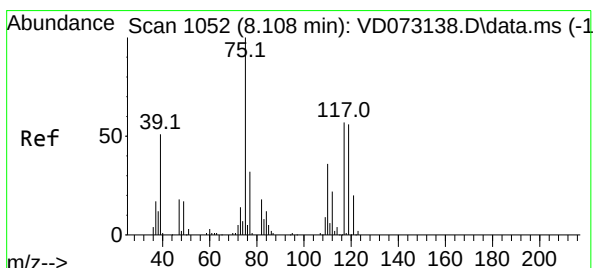
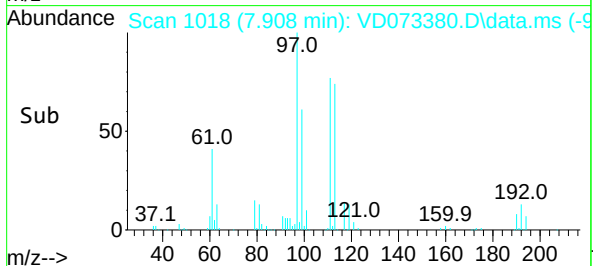
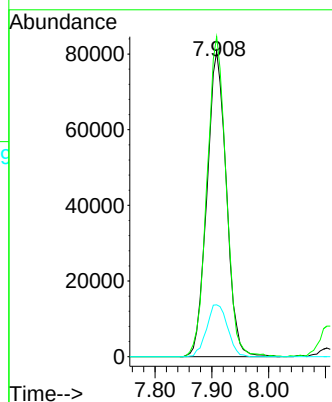
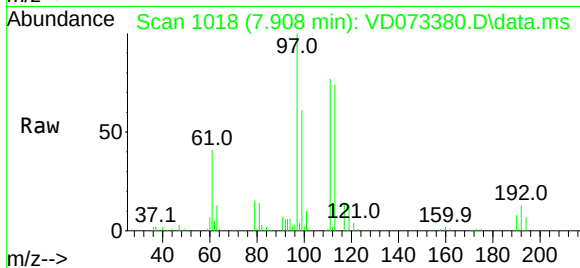
Tgt Ion:113 Resp: 191531

Ion Ratio Lower Upper

113 100

111 103.2 83.8 125.6

192 18.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 53.849 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

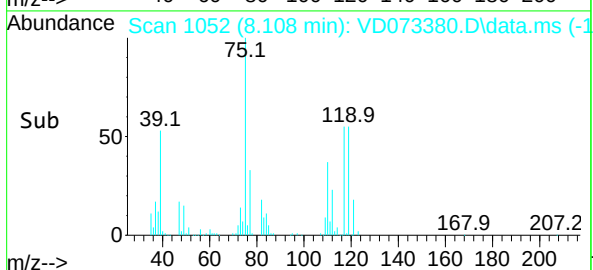
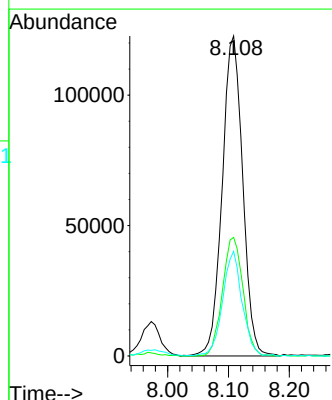
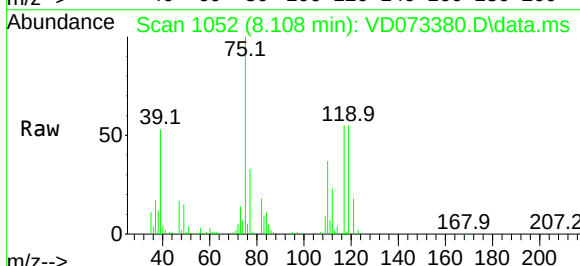
Tgt Ion: 75 Resp: 287106

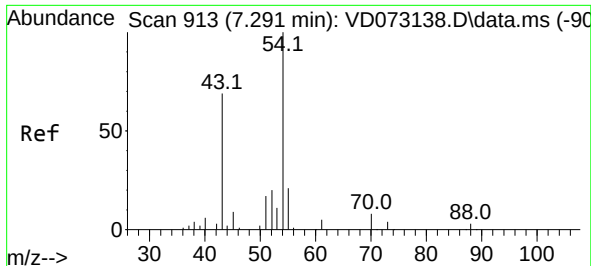
Ion Ratio Lower Upper

75 100

110 37.1 16.4 49.1

77 31.3 24.2 36.2





#37

Ethyl Acetate

Concen: 51.124 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

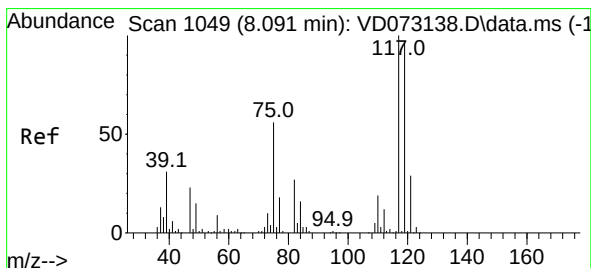
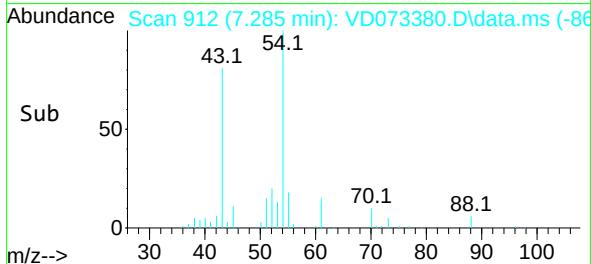
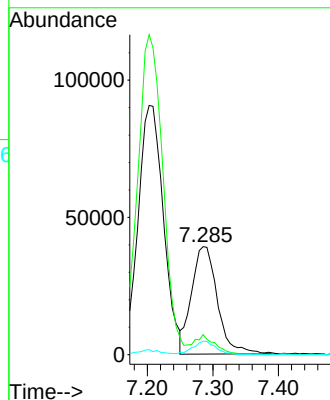
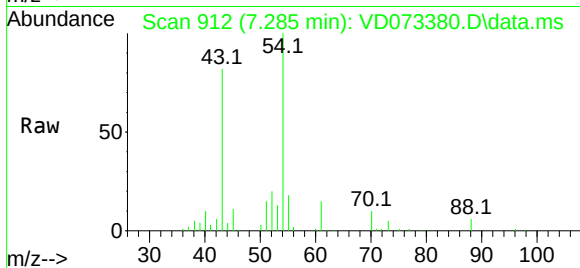
Tgt Ion: 43 Resp: 107667

Ion Ratio Lower Upper

43 100

61 13.8 9.8 14.8

70 11.2 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 55.268 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

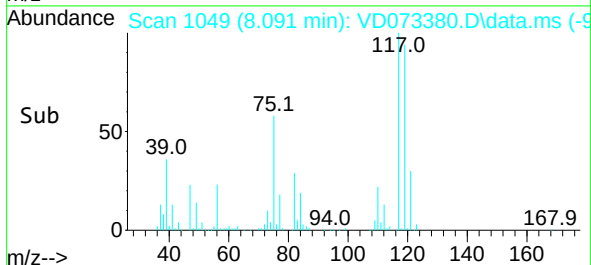
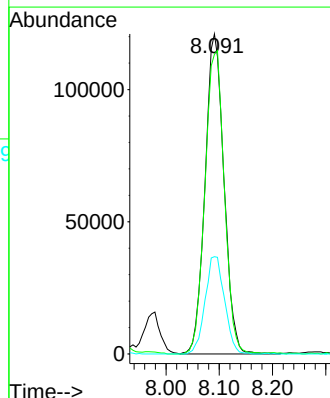
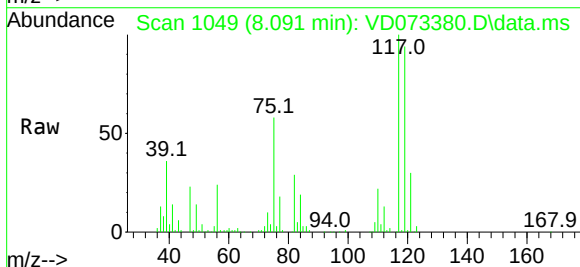
Tgt Ion: 117 Resp: 298703

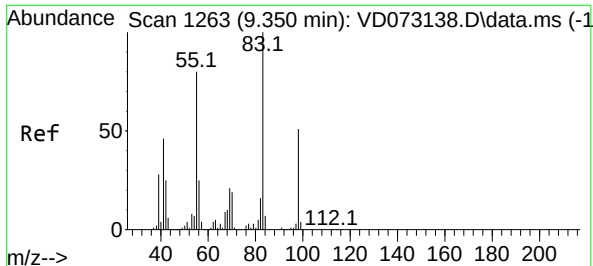
Ion Ratio Lower Upper

117 100

119 93.6 75.8 113.6

121 30.4 24.5 36.7





#39

Methylcyclohexane

Concen: 57.082 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

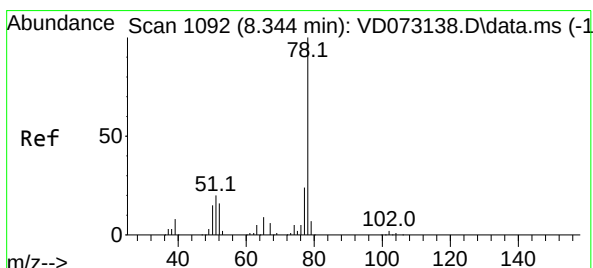
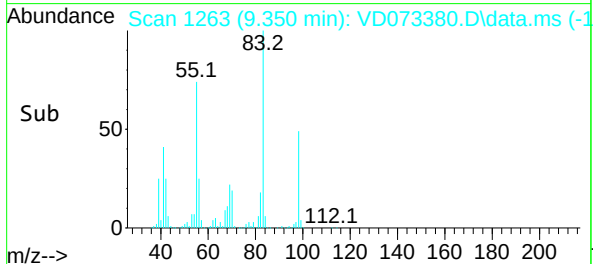
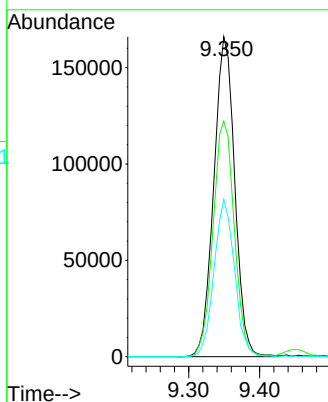
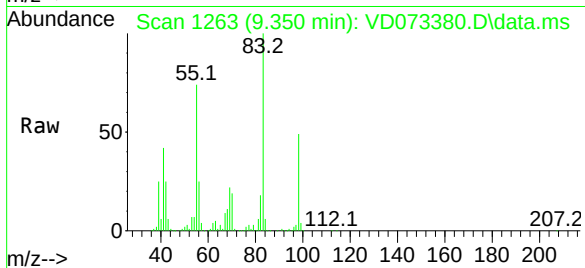
Tgt Ion: 83 Resp: 339178

Ion Ratio Lower Upper

83 100

55 73.6 63.2 94.8

98 49.2 38.2 57.4



#40

Benzene

Concen: 54.401 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073380.D

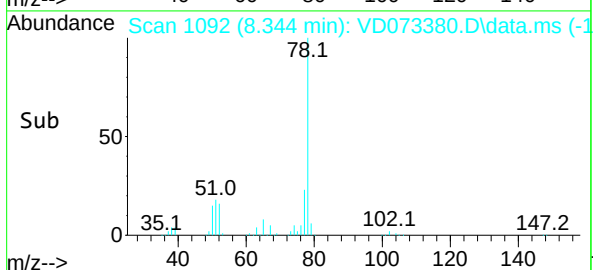
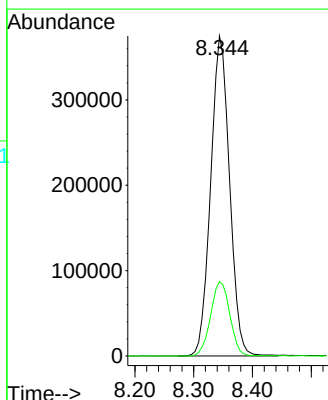
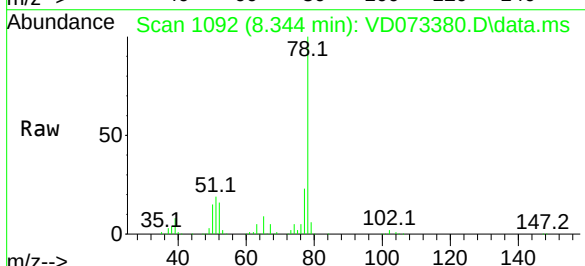
Acq: 26 May 2022 11:22

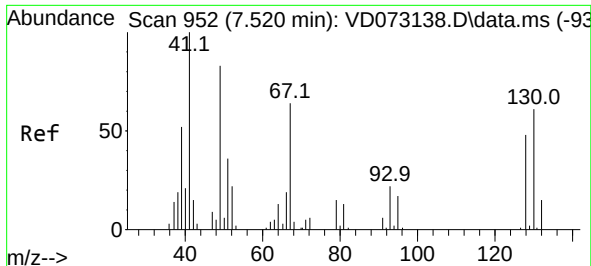
Tgt Ion: 78 Resp: 835931

Ion Ratio Lower Upper

78 100

77 23.2 19.1 28.7

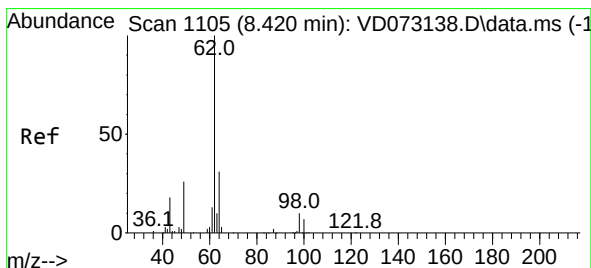
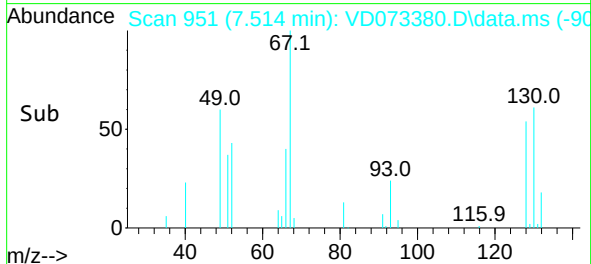
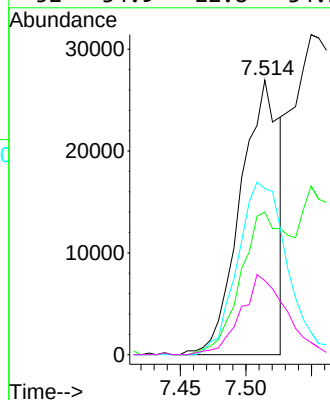
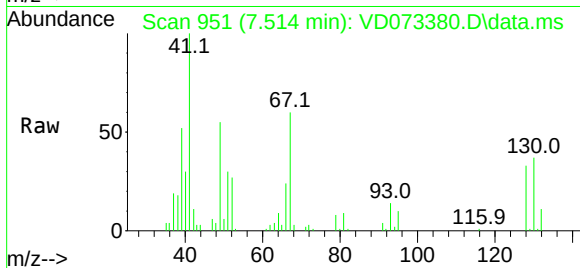




#41
Methacrylonitrile
Concen: 45.296 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

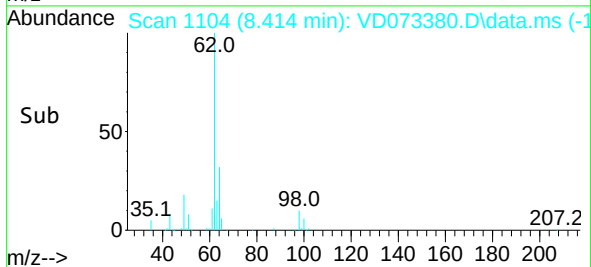
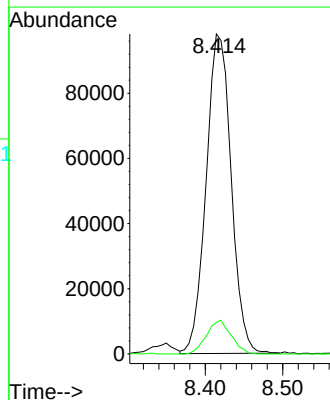
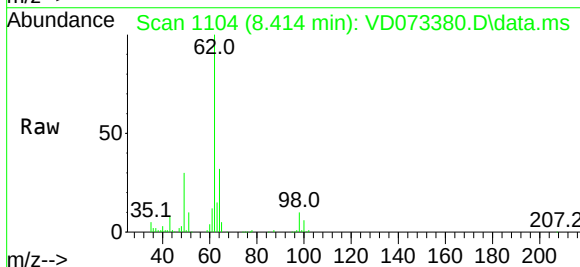
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

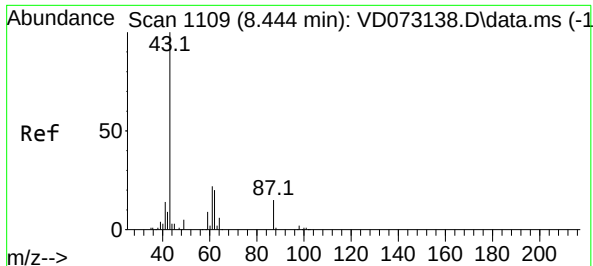
Tgt Ion:	41	Resp:	55579
Ion	Ratio	Lower	Upper
41	100		
39	66.8	44.6	67.0
67	80.7	48.2	72.4#
52	34.9	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 51.521 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion:	62	Resp:	220285
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	17.6

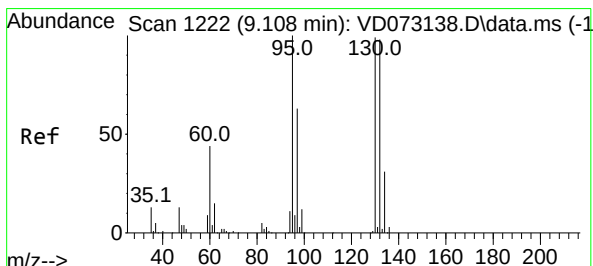
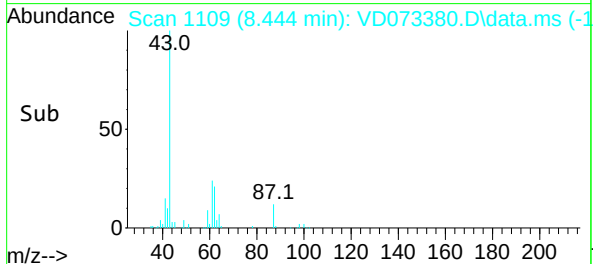
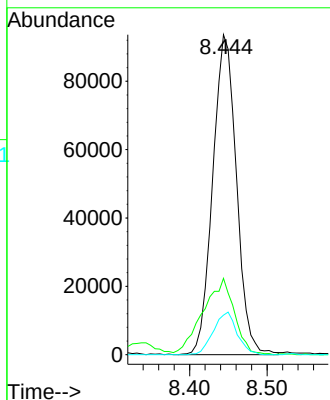
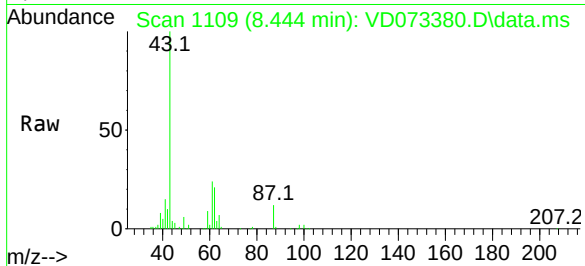




#43
Isopropyl Acetate
Concen: 51.213 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

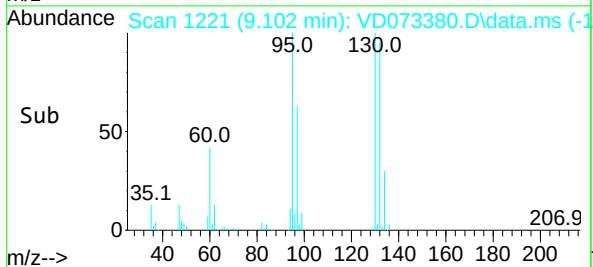
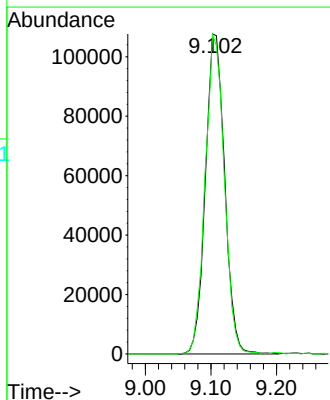
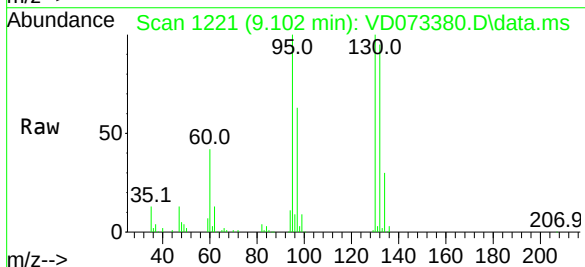
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

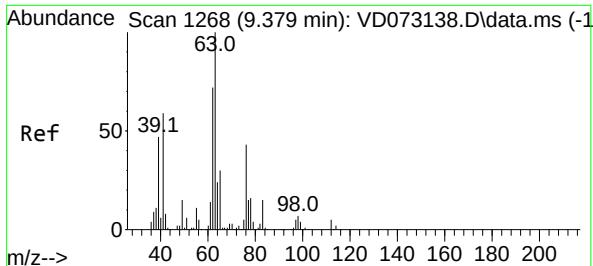
Tgt Ion: 43 Resp: 199356
Ion Ratio Lower Upper
43 100
61 31.6 22.4 33.6
87 13.2 8.7 13.1#



#44
Trichloroethene
Concen: 53.692 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion:130 Resp: 220010
Ion Ratio Lower Upper
130 100
95 99.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 53.596 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

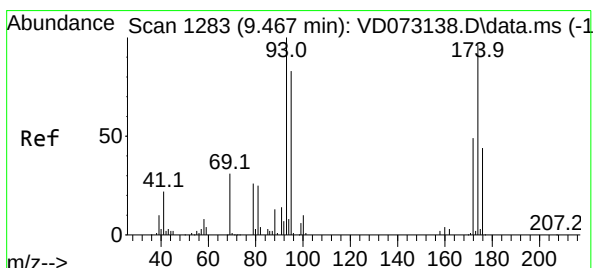
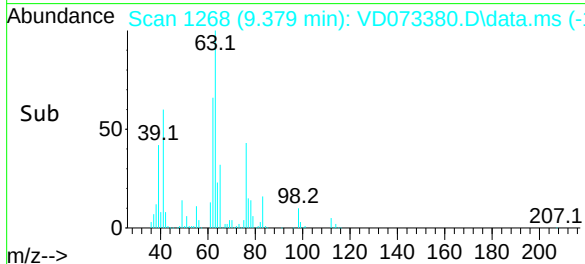
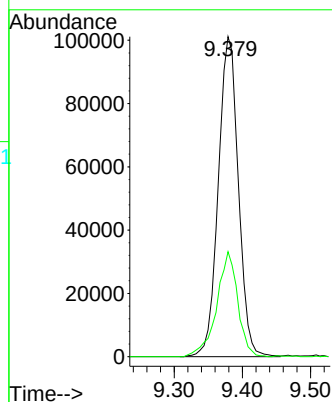
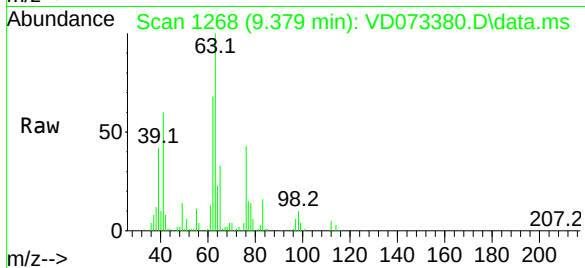
VSTDCCC050

Tgt Ion: 63 Resp: 207404

Ion Ratio Lower Upper

63 100

65 32.8 26.2 39.4



#46

Dibromomethane

Concen: 52.677 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

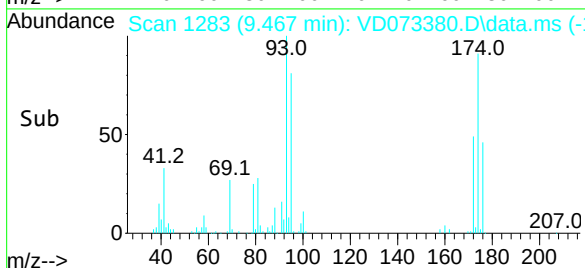
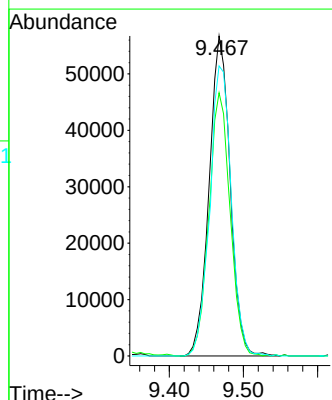
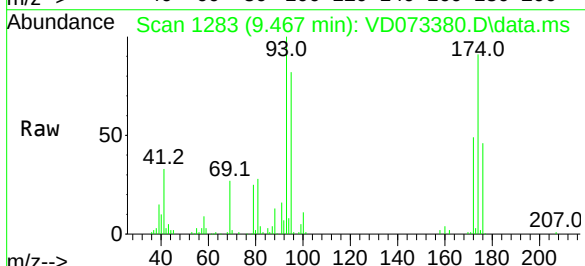
Tgt Ion: 93 Resp: 111958

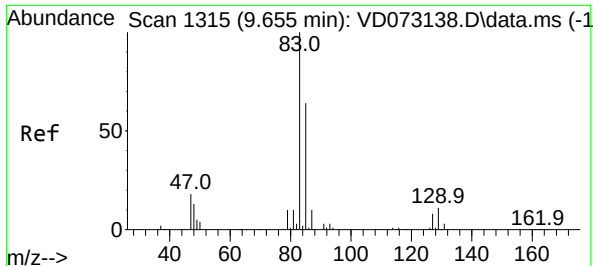
Ion Ratio Lower Upper

93 100

95 82.8 66.7 100.1

174 92.8 71.6 107.4





#47

Bromodichloromethane

Concen: 52.555 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

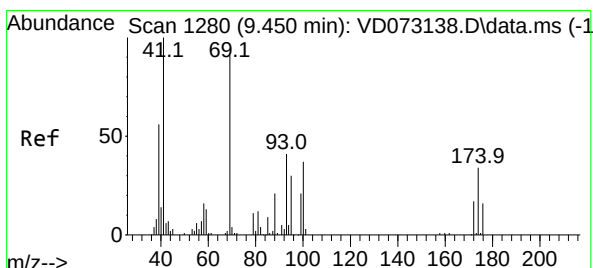
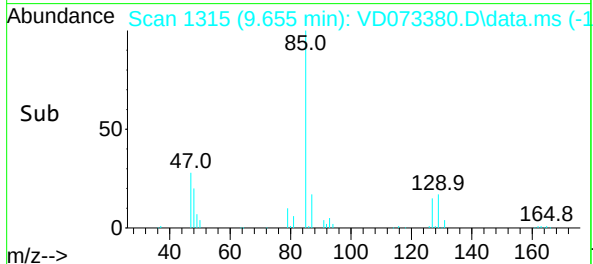
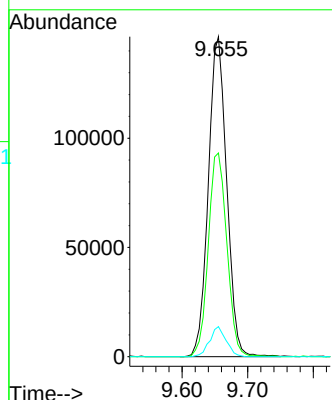
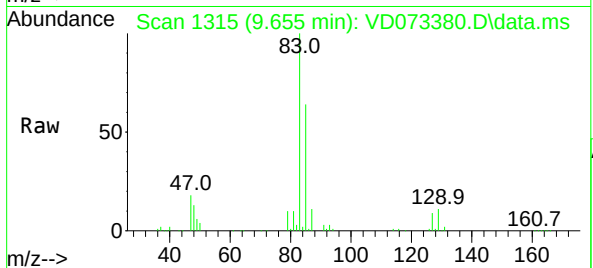
Tgt Ion: 83 Resp: 285801

Ion Ratio Lower Upper

83 100

85 63.6 51.4 77.0

127 9.4 6.1 9.1#



#48

Methyl methacrylate

Concen: 52.124 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

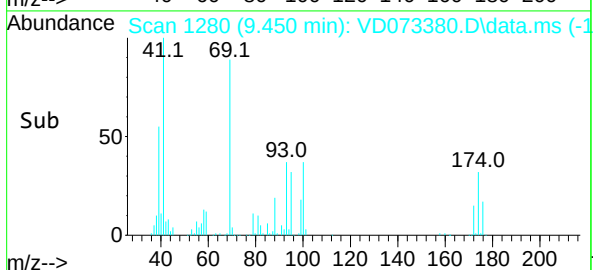
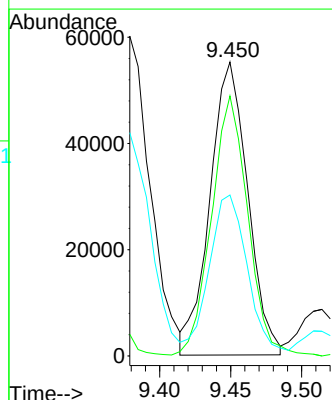
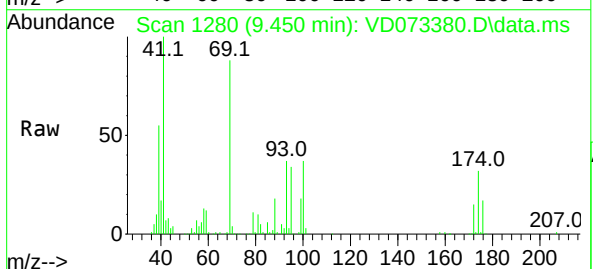
Tgt Ion: 41 Resp: 102082

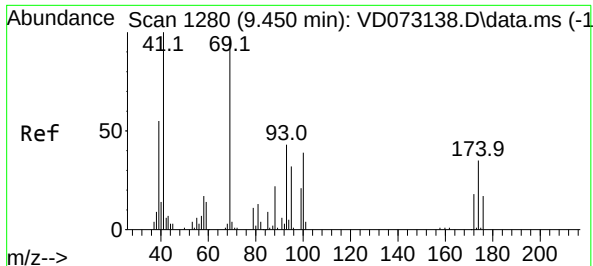
Ion Ratio Lower Upper

41 100

69 85.6 56.7 85.1#

39 56.4 42.7 64.1

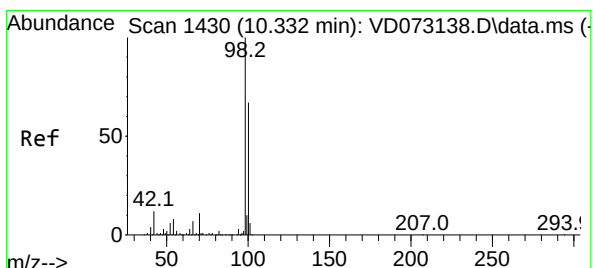
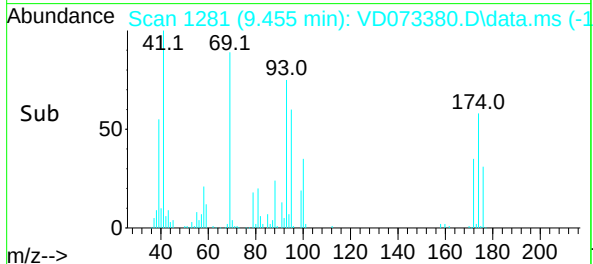
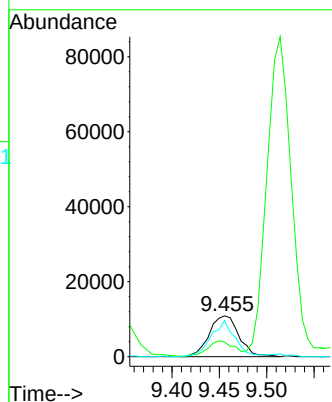
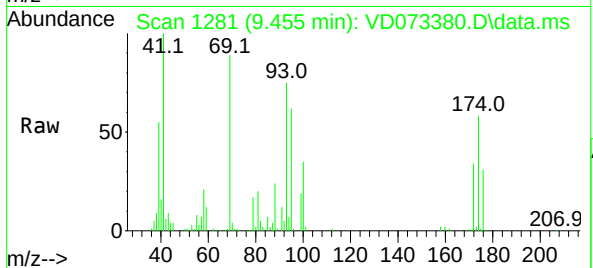




#49
1,4-Dioxane
Concen: 1079.660 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.005 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

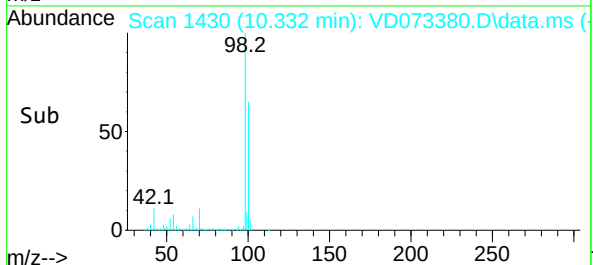
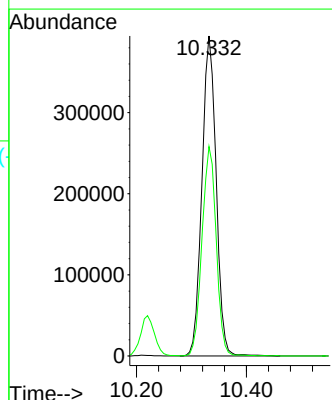
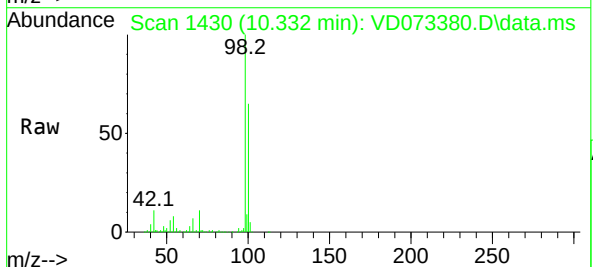
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

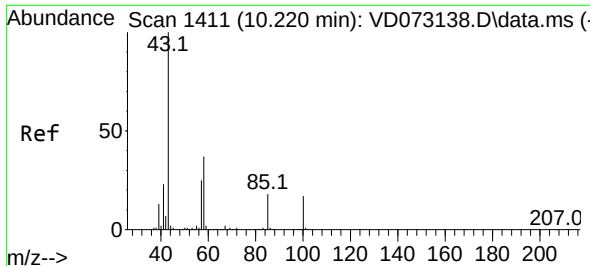
Tgt Ion: 88 Resp: 23697
Ion Ratio Lower Upper
88 100
43 34.7 31.0 46.4
58 71.6 58.1 87.1



#50
Toluene-d8
Concen: 54.240 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 98 Resp: 708807
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

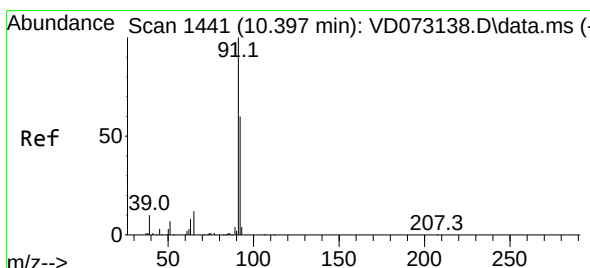
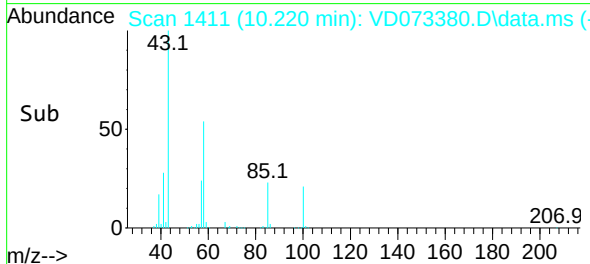
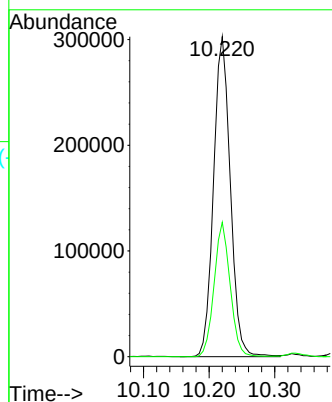
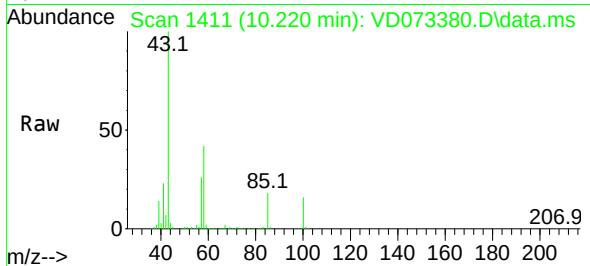




#51
4-Methyl-2-Pentanone
Concen: 265.908 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

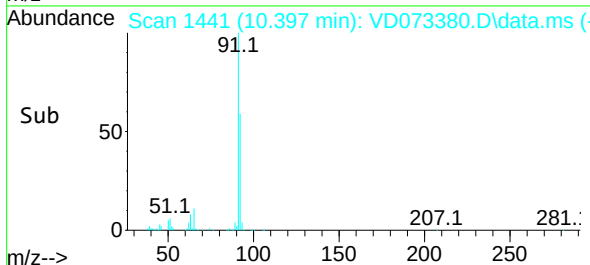
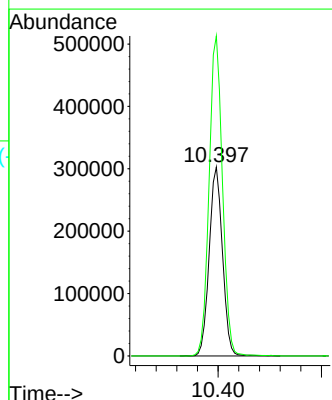
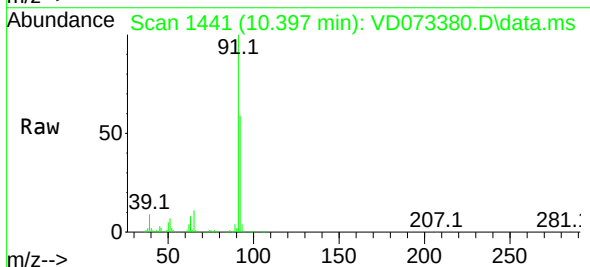
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

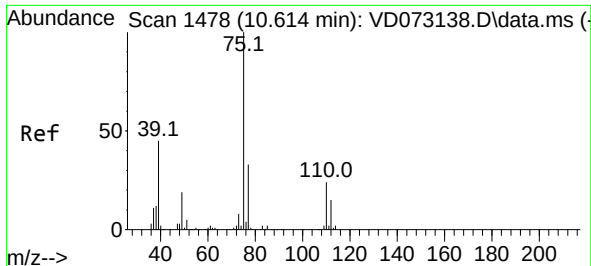
Tgt Ion: 43 Resp: 537607
Ion Ratio Lower Upper
43 100
58 40.1 28.6 43.0



#52
Toluene
Concen: 55.615 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 92 Resp: 540027
Ion Ratio Lower Upper
92 100
91 170.5 139.6 209.4

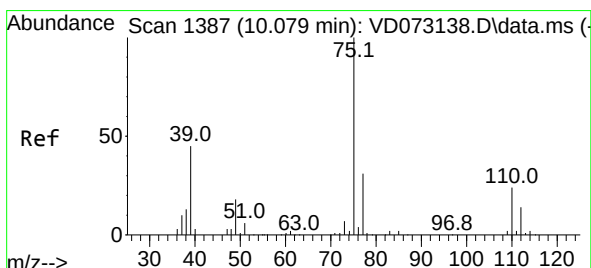
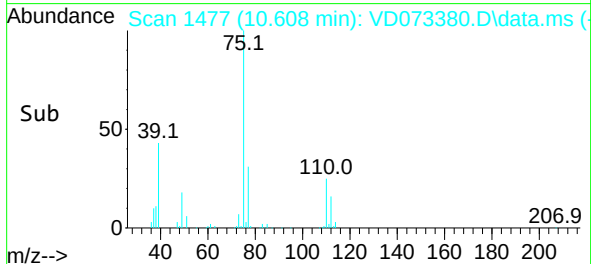
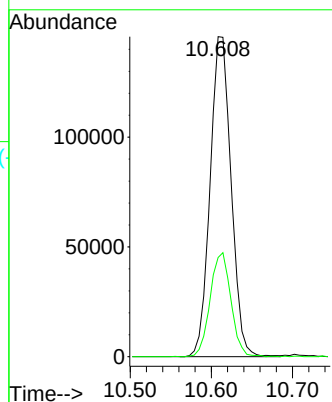
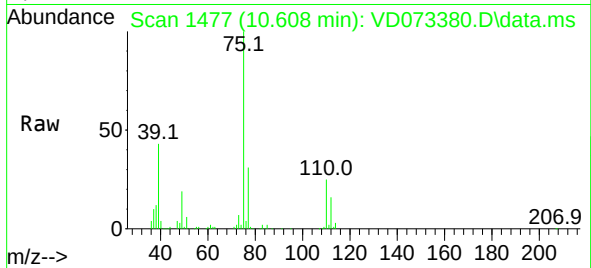




#53
t-1,3-Dichloropropene
Concen: 53.295 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

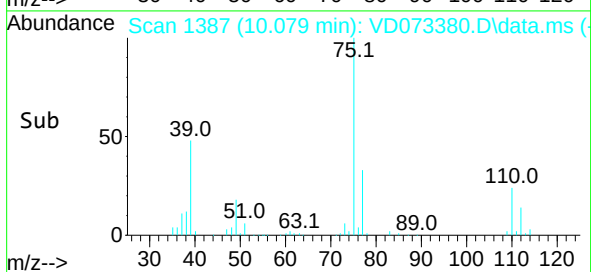
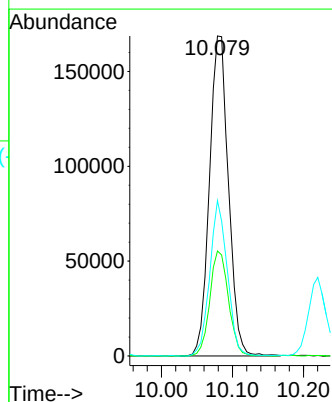
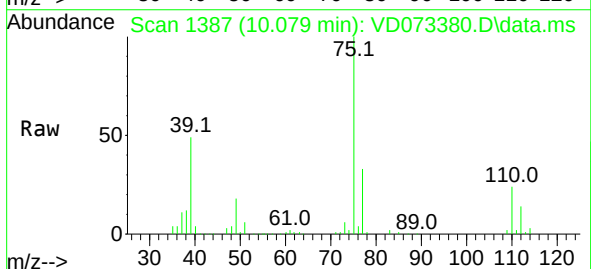
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

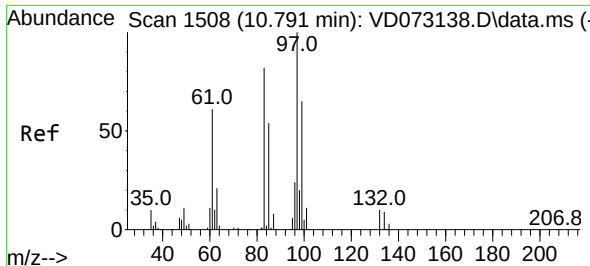
Tgt Ion: 75 Resp: 261836
Ion Ratio Lower Upper
75 100
77 31.0 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 53.284 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 75 Resp: 313271
Ion Ratio Lower Upper
75 100
77 32.8 24.8 37.2
39 48.6 46.8 70.2

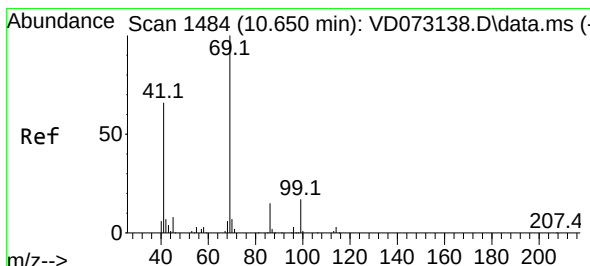
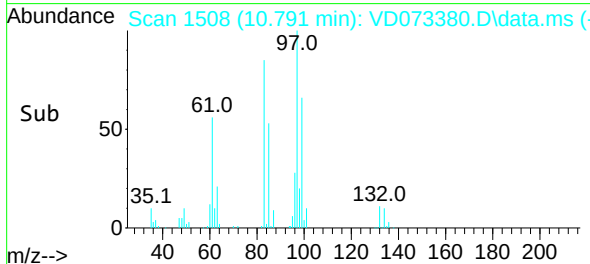
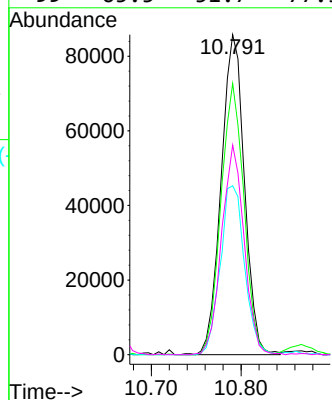
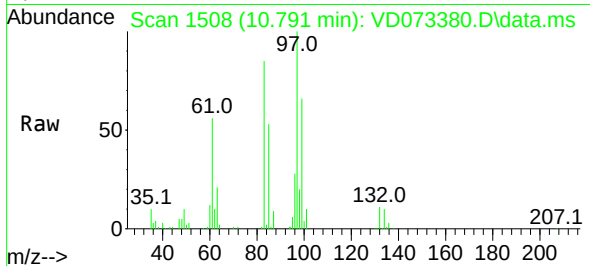




#55
1,1,2-Trichloroethane
Concen: 53.711 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

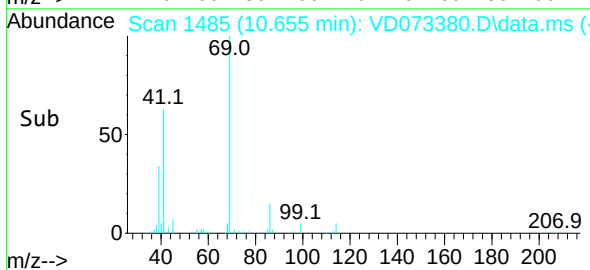
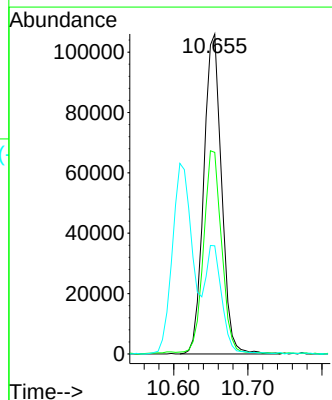
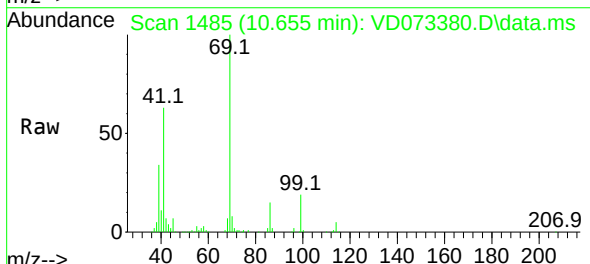
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

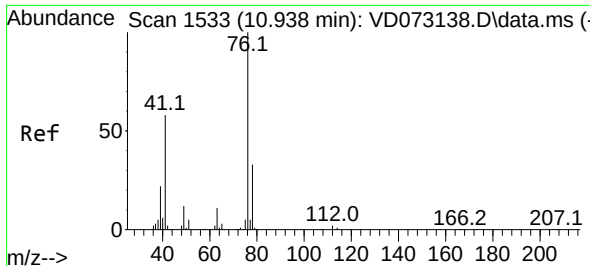
Tgt Ion:	97	Resp:	154367
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.0	103.4
85	52.8	42.6	63.8
99	65.5	51.7	77.5



#56
Ethyl methacrylate
Concen: 55.515 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion:	69	Resp:	177396
Ion	Ratio	Lower	Upper
69	100		
41	64.0	63.0	94.6
39	29.7	33.8	50.8#

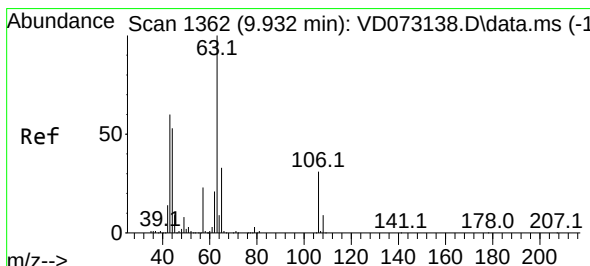
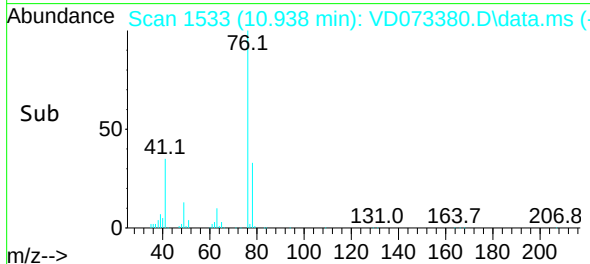
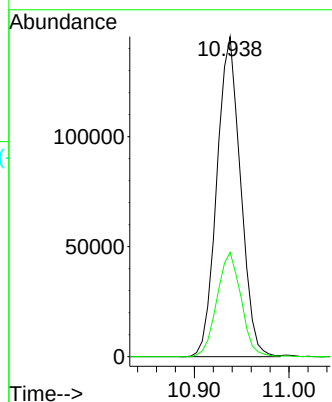
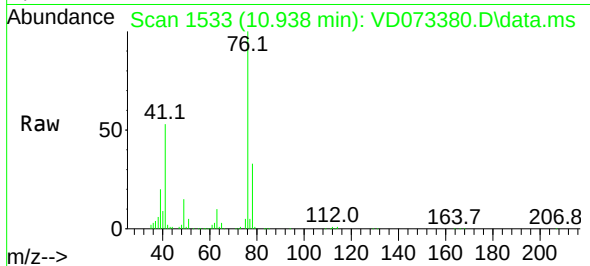




#57
1,3-Dichloropropane
Concen: 52.524 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

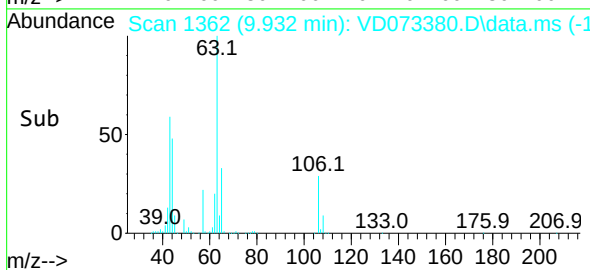
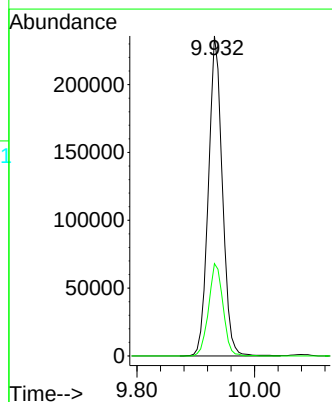
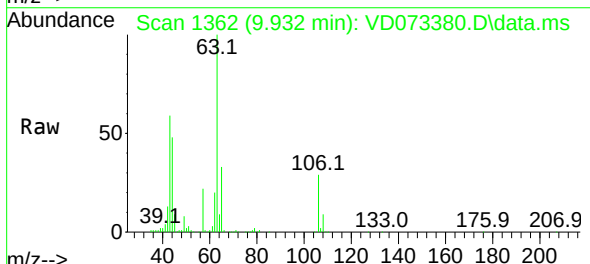
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

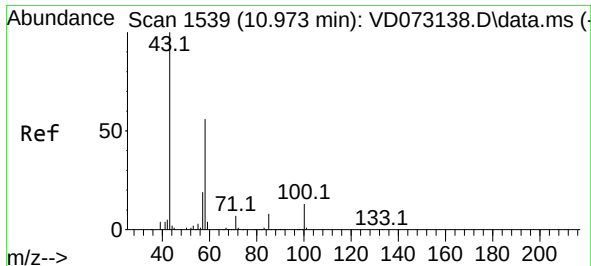
Tgt Ion: 76 Resp: 253290
Ion Ratio Lower Upper
76 100
78 33.1 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 254.640 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 63 Resp: 387258
Ion Ratio Lower Upper
63 100
106 29.7 21.4 32.0

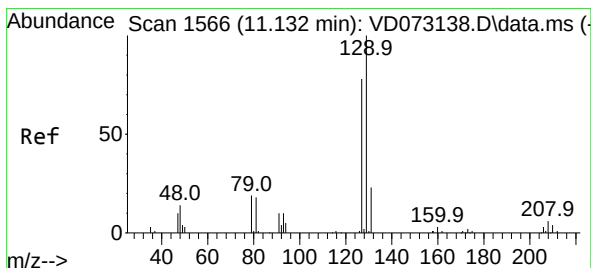
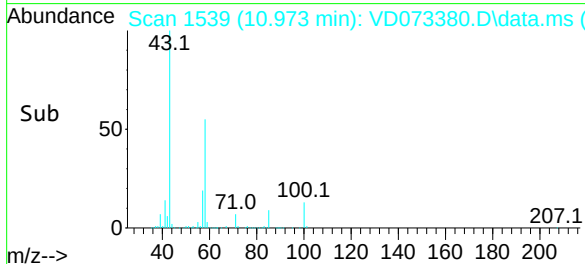
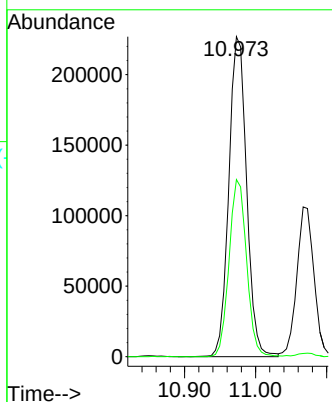
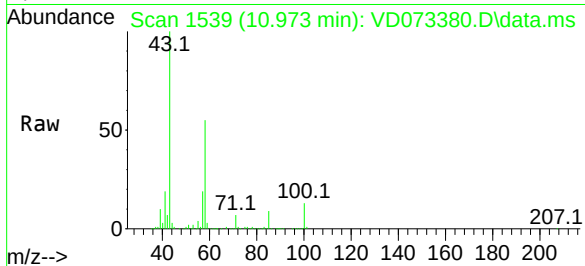




#59
2-Hexanone
Concen: 296.409 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

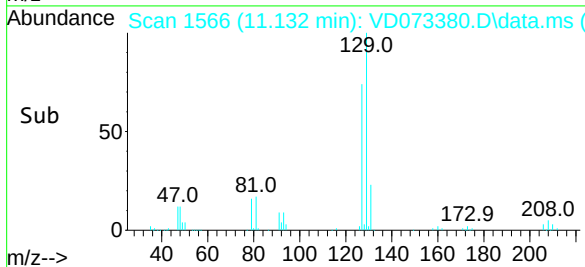
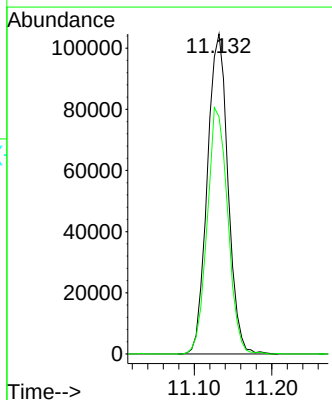
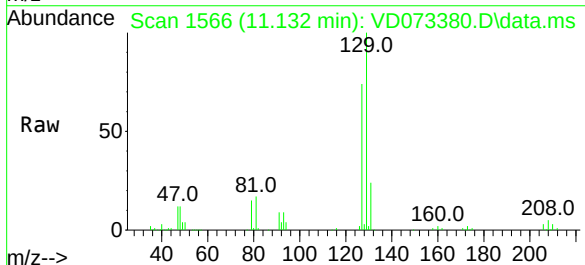
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

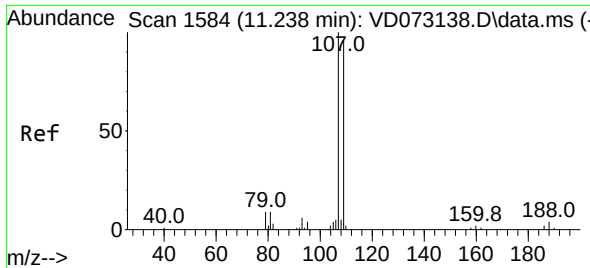
Tgt Ion: 43 Resp: 395092
Ion Ratio Lower Upper
43 100
58 54.6 25.3 75.9



#60
Dibromochloromethane
Concen: 54.087 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion:129 Resp: 193831
Ion Ratio Lower Upper
129 100
127 76.6 39.2 117.6

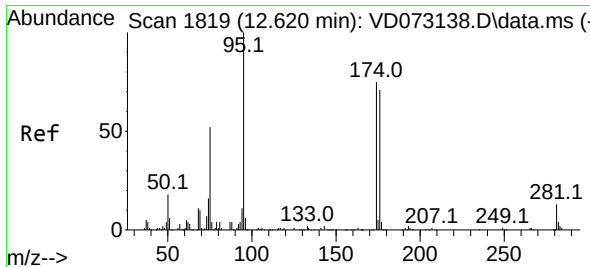
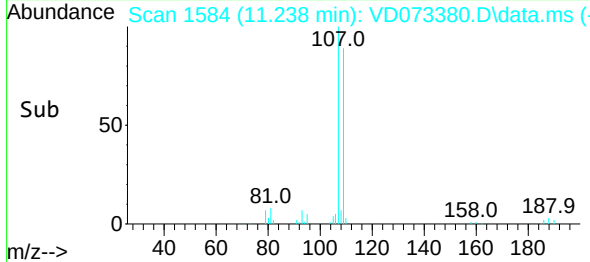
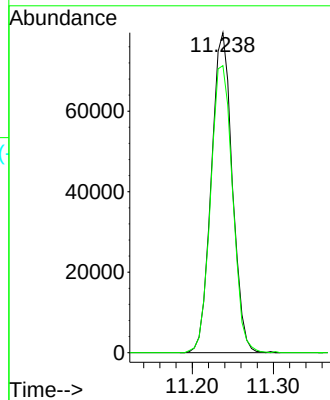
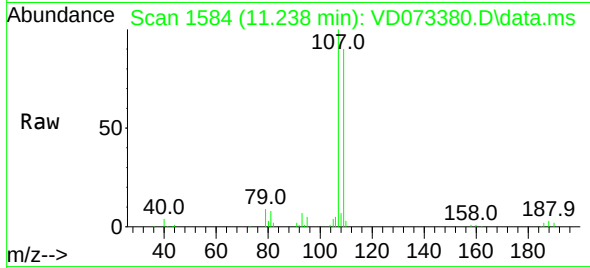




#61
1,2-Dibromoethane
Concen: 51.935 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

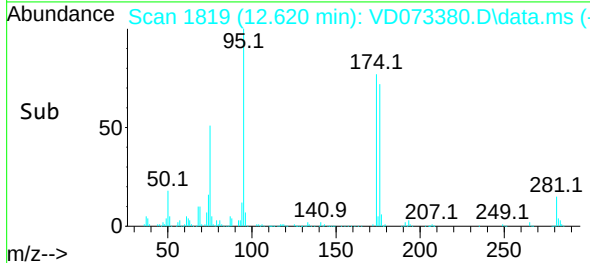
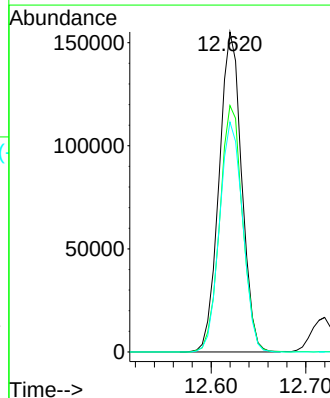
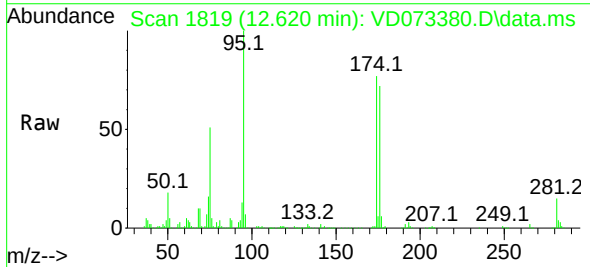
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

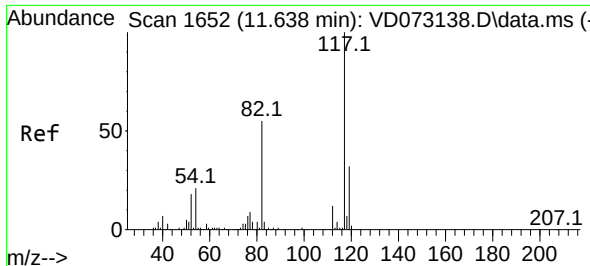
Tgt Ion:107 Resp: 142630
Ion Ratio Lower Upper
107 100
109 94.0 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 56.139 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 95 Resp: 257460
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 73.7 0.0 145.4

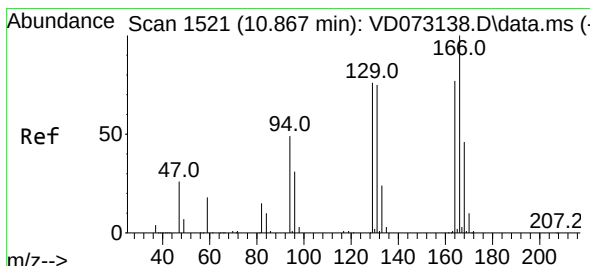
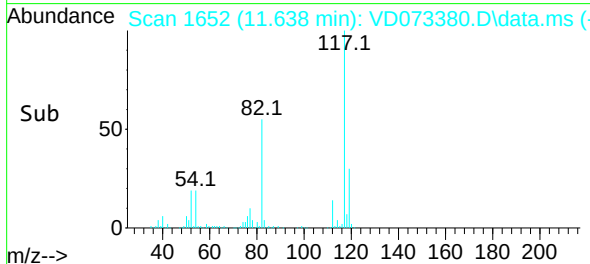
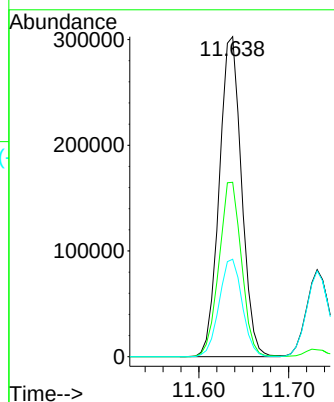
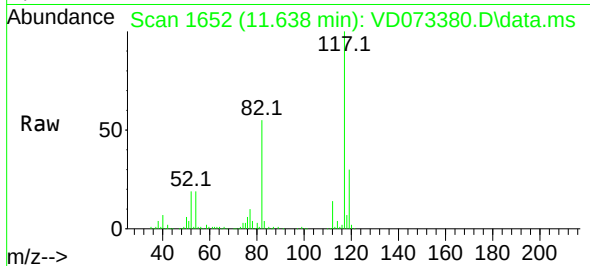




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

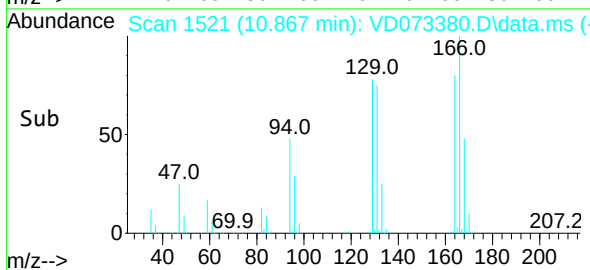
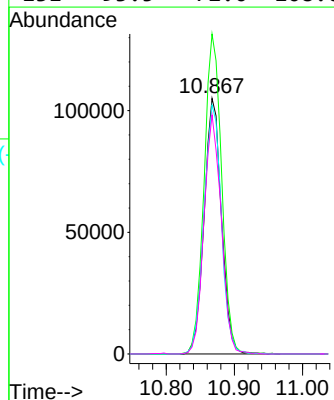
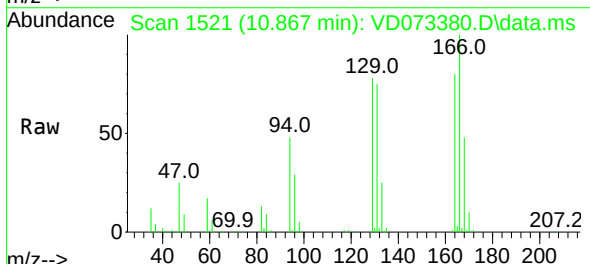
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

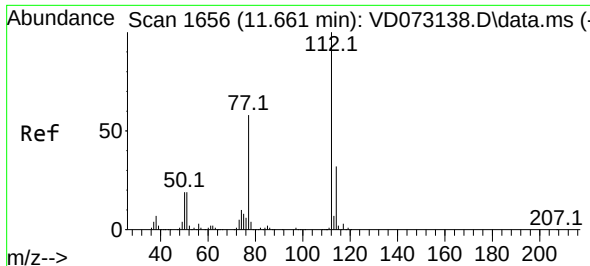
Tgt Ion:117 Resp: 522212
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 30.4 26.6 40.0



#64
Tetrachloroethene
Concen: 54.139 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion:164 Resp: 185175
Ion Ratio Lower Upper
164 100
166 125.2 98.5 147.7
129 97.4 74.6 111.8
131 93.5 72.0 108.0

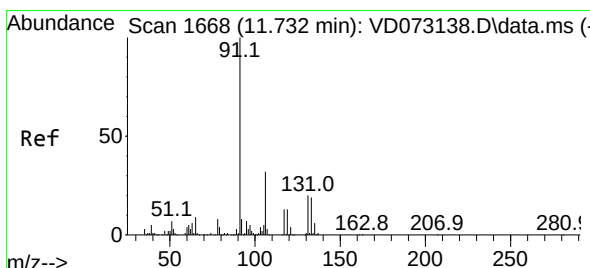
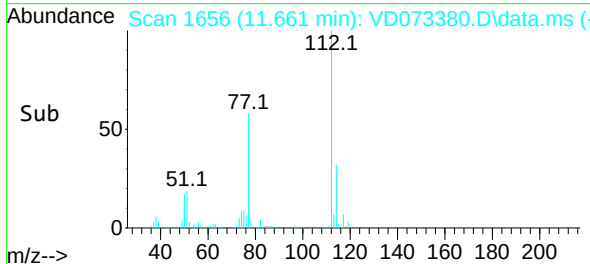
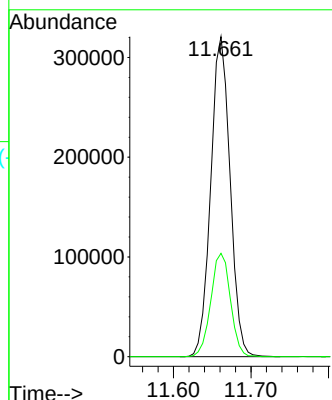
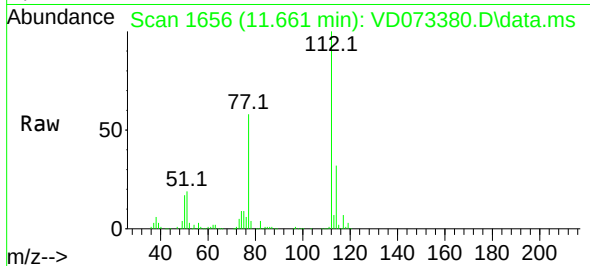




#65
Chlorobenzene
Concen: 51.957 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

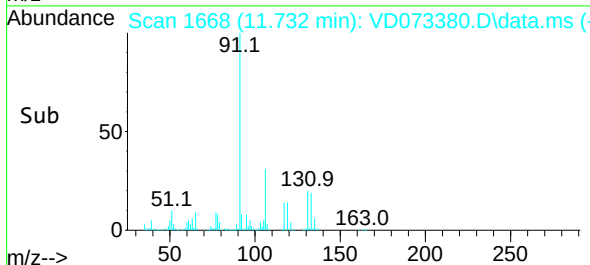
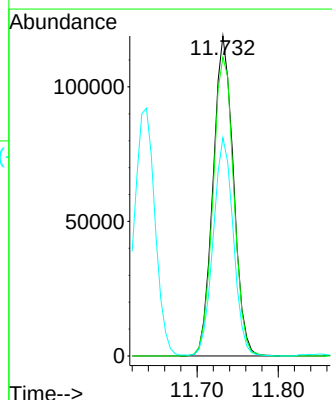
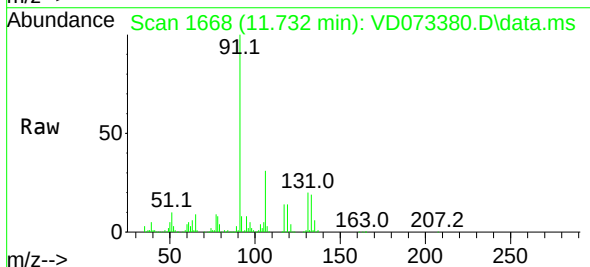
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

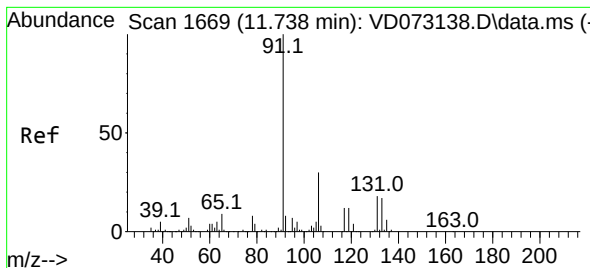
Tgt Ion:112 Resp: 556619
Ion Ratio Lower Upper
112 100
114 32.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 52.053 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion:131 Resp: 206813
Ion Ratio Lower Upper
131 100
133 95.3 48.1 144.3
119 67.4 31.9 95.9





#67

Ethyl Benzene

Concen: 53.810 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

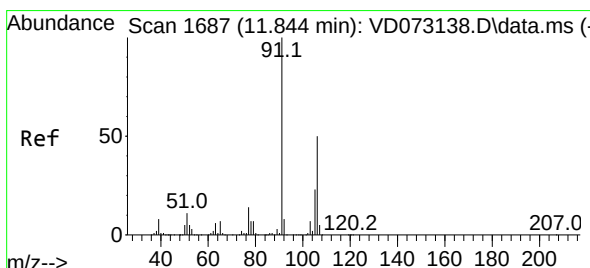
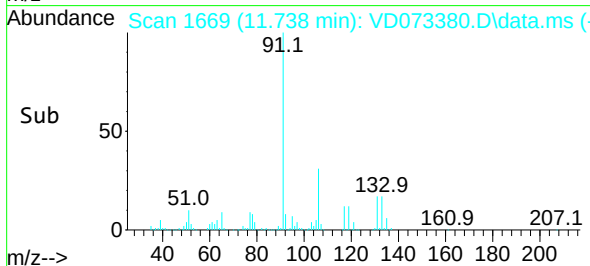
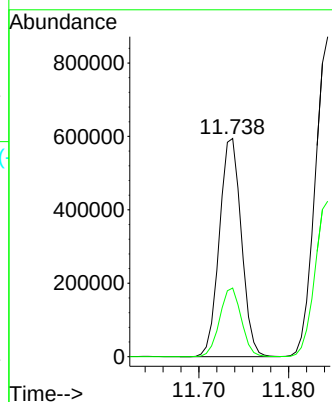
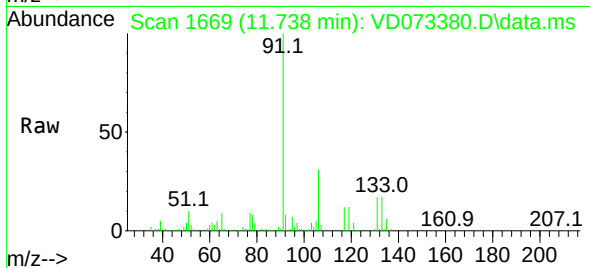
VSTDCCC050

Tgt Ion: 91 Resp: 1011974

Ion Ratio Lower Upper

91 100

106 31.5 24.2 36.4



#68

m/p-Xylenes

Concen: 110.534 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD073380.D

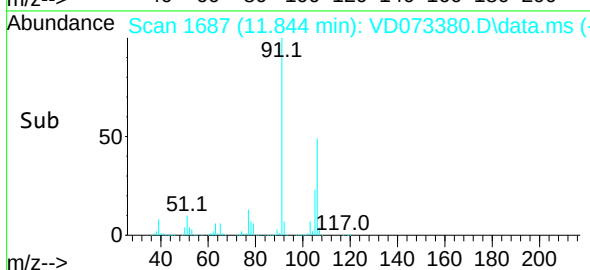
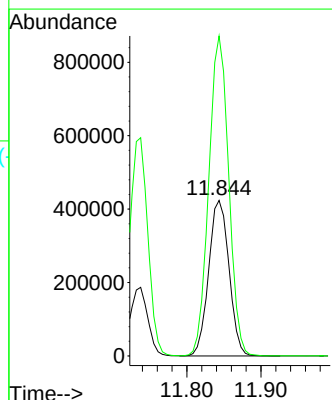
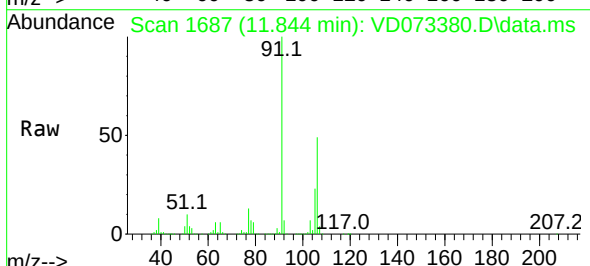
Acq: 26 May 2022 11:22

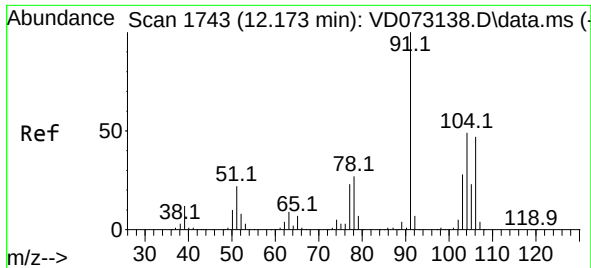
Tgt Ion: 106 Resp: 807621

Ion Ratio Lower Upper

106 100

91 201.5 163.7 245.5

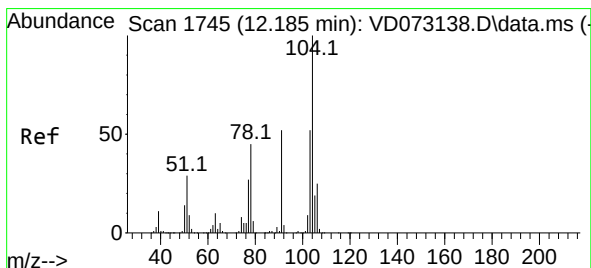
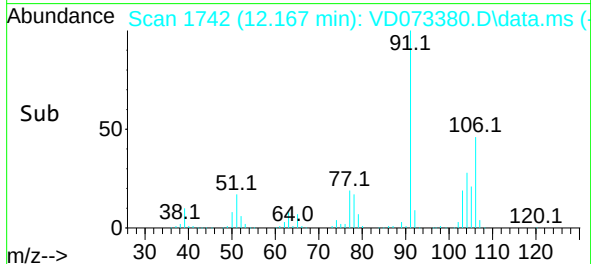
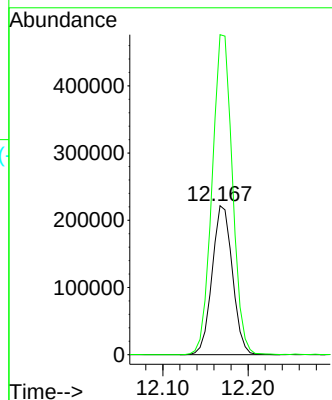
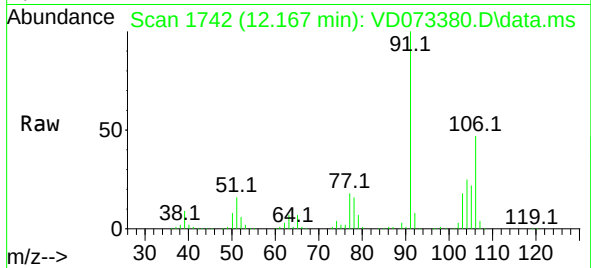




#69
o-Xylene
Concen: 54.565 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

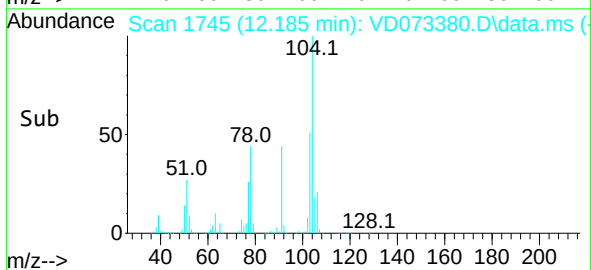
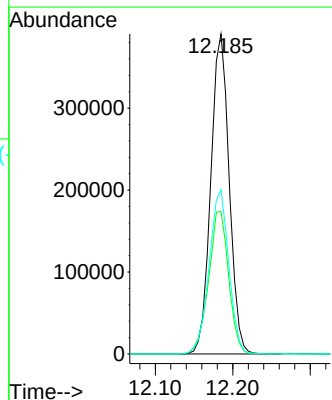
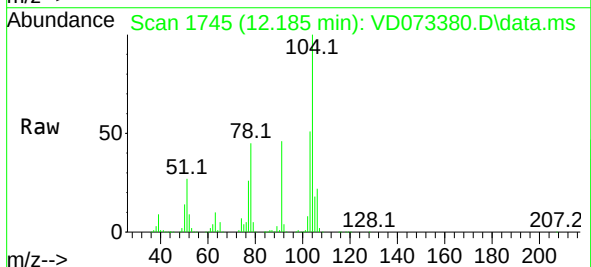
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

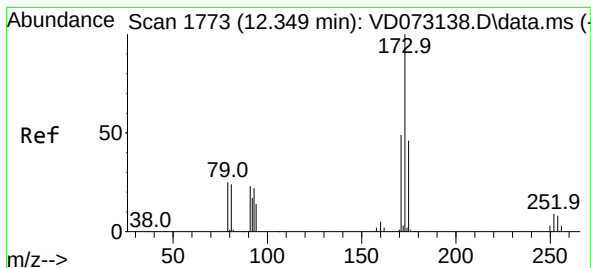
Tgt Ion:106 Resp: 366252
Ion Ratio Lower Upper
106 100
91 215.2 110.4 331.2



#70
Styrene
Concen: 55.704 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion:104 Resp: 643276
Ion Ratio Lower Upper
104 100
78 48.7 41.8 62.8
103 54.8 44.2 66.4





#71

Bromoform

Concen: 54.001 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

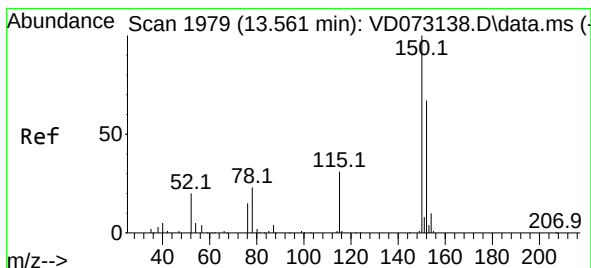
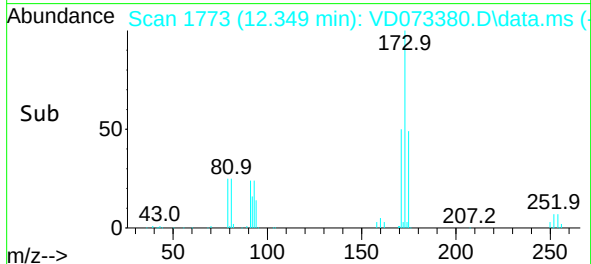
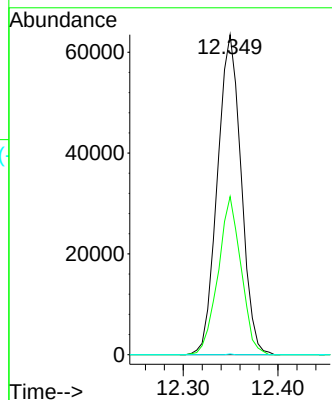
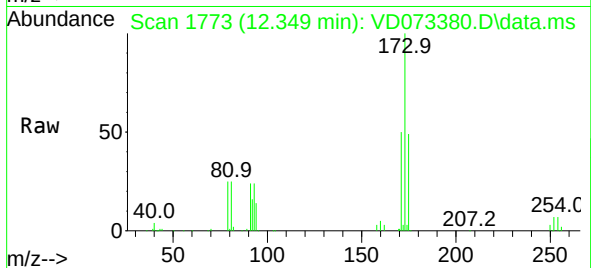
Tgt Ion:173 Resp: 110424

Ion Ratio Lower Upper

173 100

175 47.8 23.9 71.8

254 0.1 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: VD073380.D

Acq: 26 May 2022 11:22

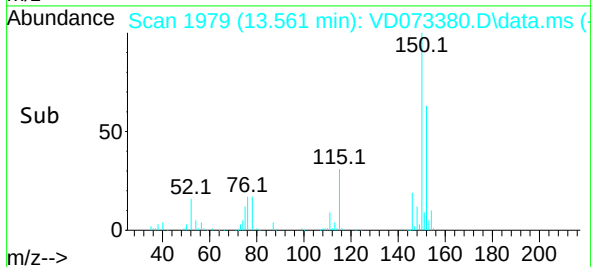
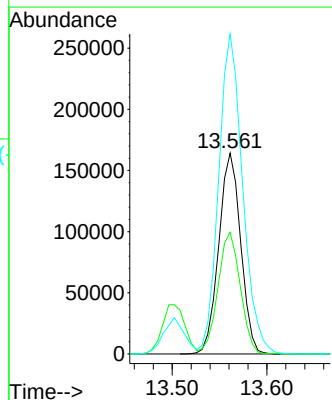
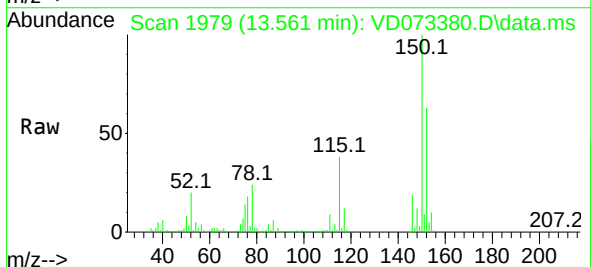
Tgt Ion:152 Resp: 264282

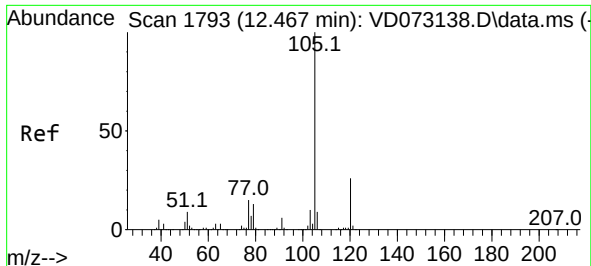
Ion Ratio Lower Upper

152 100

115 61.7 31.3 93.8

150 174.1 0.0 348.6

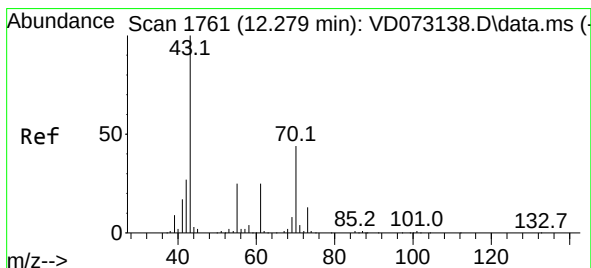
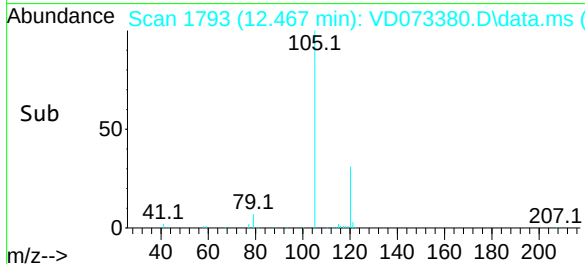
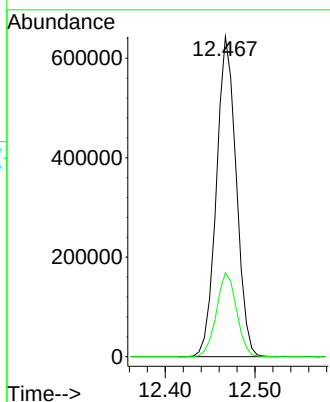
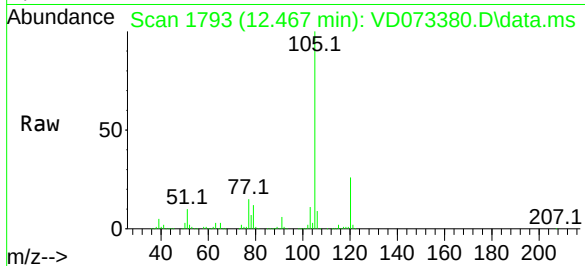




#73
Isopropylbenzene
Concen: 52.331 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

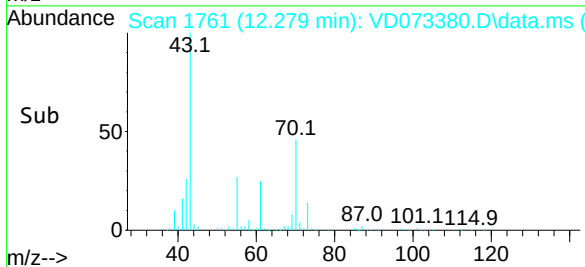
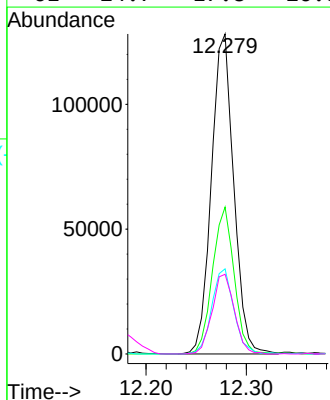
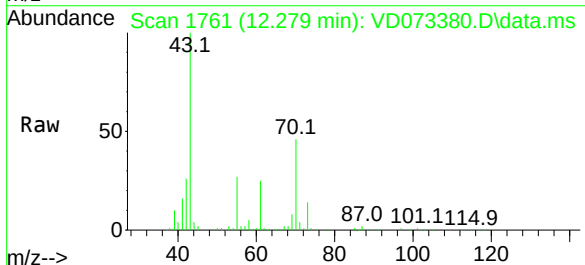
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

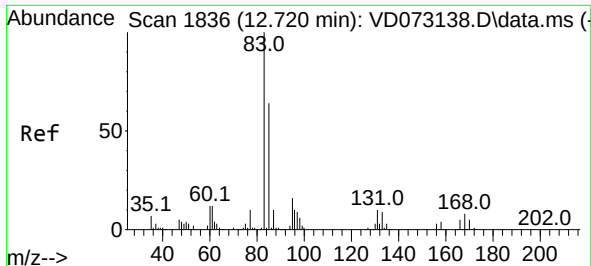
Tgt Ion:105 Resp: 985949
Ion Ratio Lower Upper
105 100
120 26.7 13.0 38.9



#74
N-ethyl acetate
Concen: 48.326 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 43 Resp: 198624
Ion Ratio Lower Upper
43 100
70 44.6 31.3 46.9
55 26.6 20.0 30.0
61 24.7 17.8 26.8

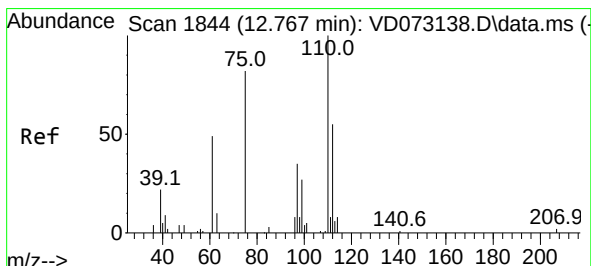
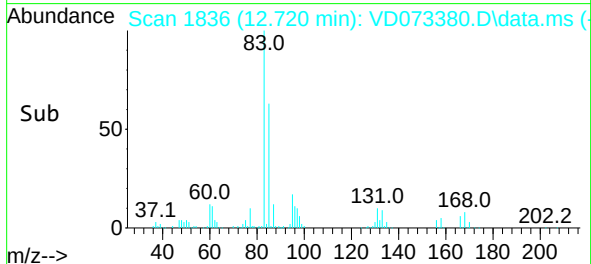
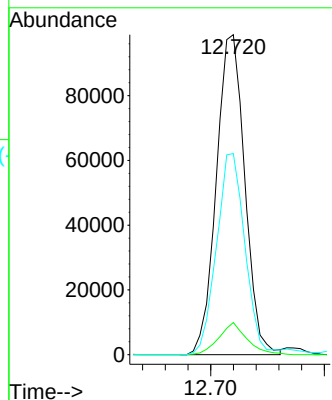
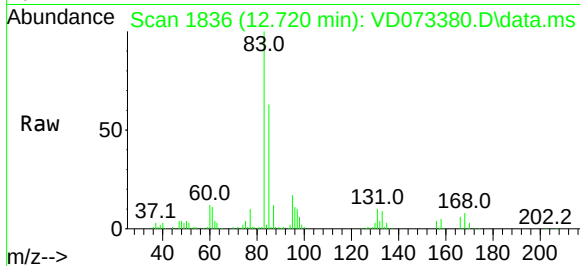




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.419 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD073380.D
 Acq: 26 May 2022 11:22

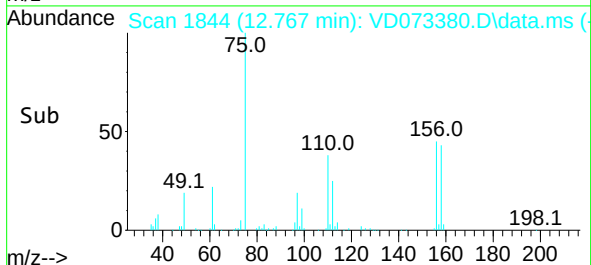
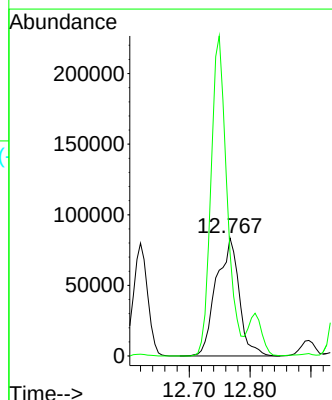
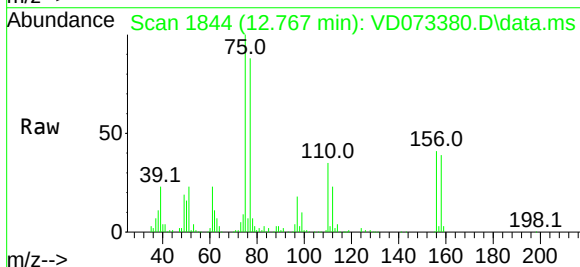
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

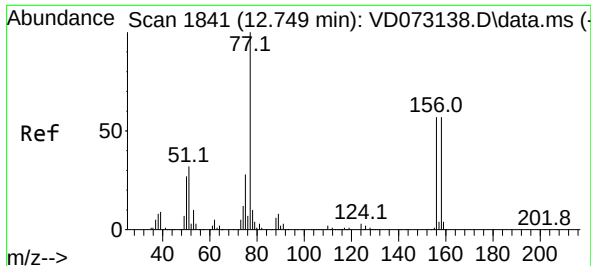
Tgt Ion: 83 Resp: 171721
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.0 14.9
 85 62.9 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 83.927 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VD073380.D
 Acq: 26 May 2022 11:22

Tgt Ion: 75 Resp: 217629
 Ion Ratio Lower Upper
 75 100
 77 192.1 0.0 0.0#

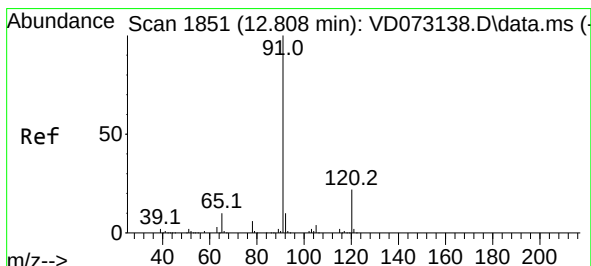
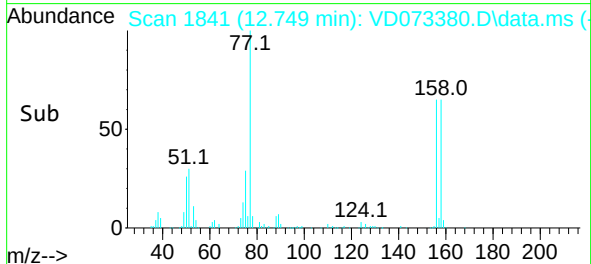
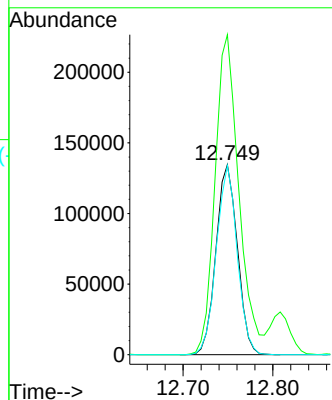
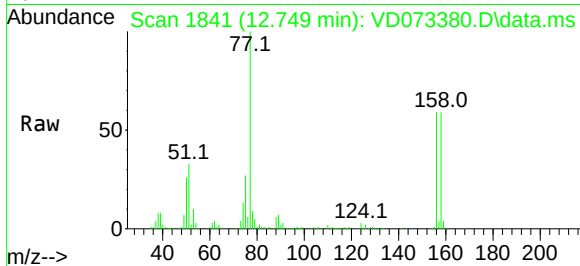




#77
Bromobenzene
Concen: 50.358 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

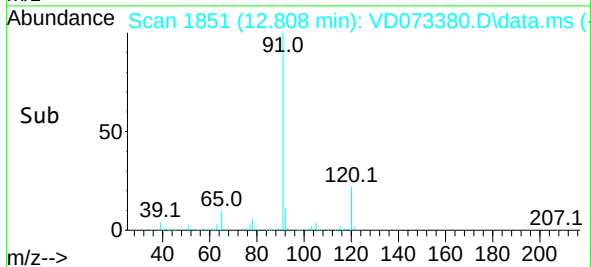
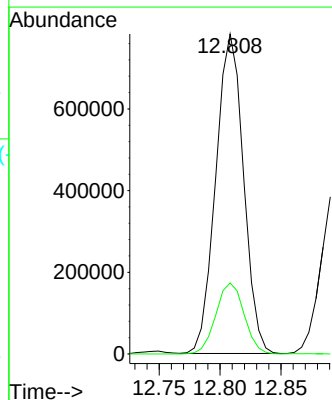
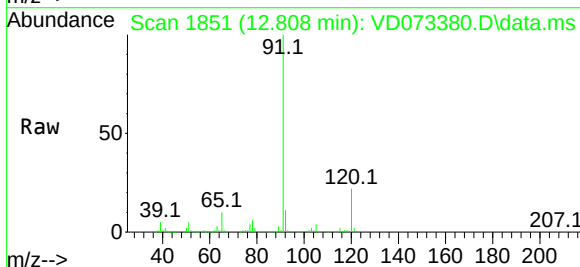
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

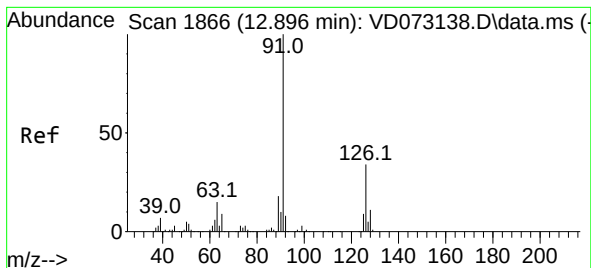
Tgt Ion:156 Resp: 223342
Ion Ratio Lower Upper
156 100
77 187.1 102.8 308.3
158 96.9 48.7 146.1



#78
n-propylbenzene
Concen: 52.426 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 91 Resp: 1240023
Ion Ratio Lower Upper
91 100
120 22.6 10.9 32.9





#79

2-Chlorotoluene

Concen: 50.637 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. 0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

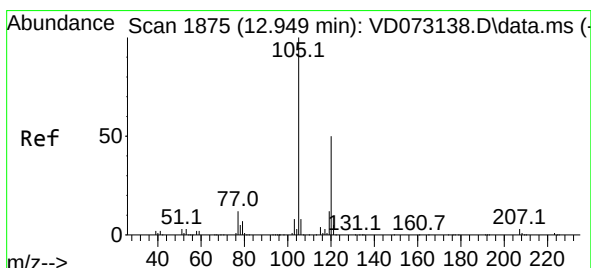
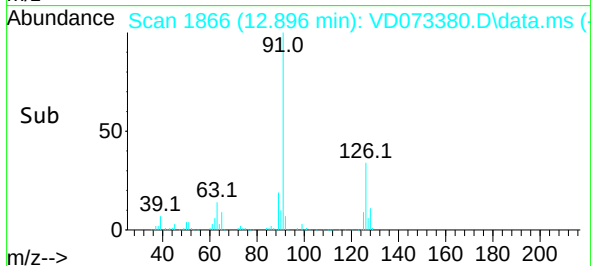
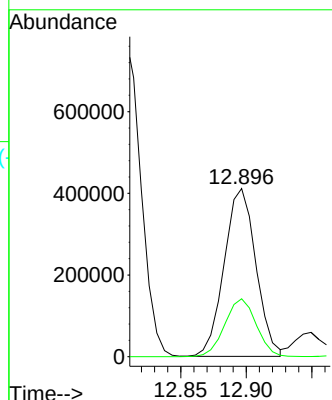
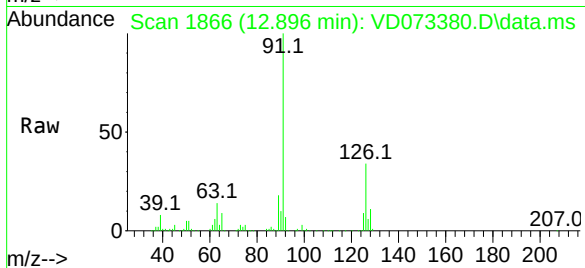
VSTDCCC050

Tgt Ion: 91 Resp: 691533

Ion Ratio Lower Upper

91 100

126 34.2 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 52.471 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD073380.D

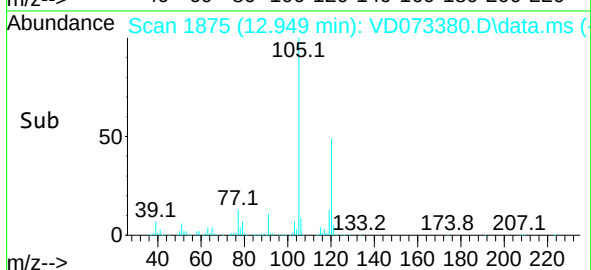
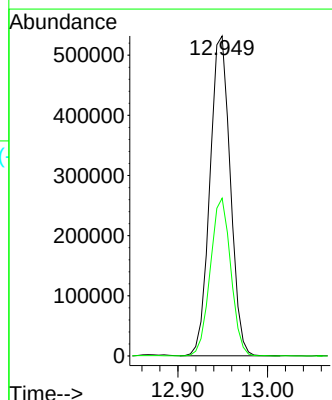
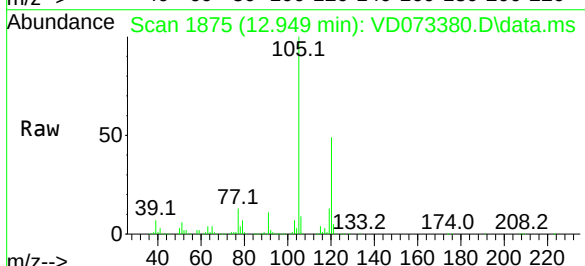
Acq: 26 May 2022 11:22

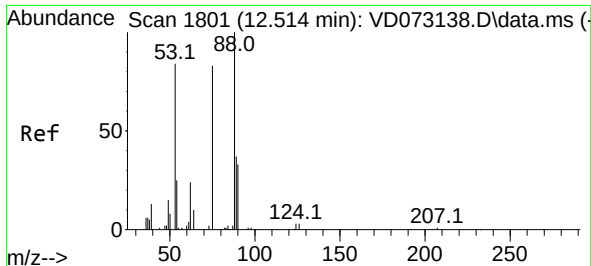
Tgt Ion: 105 Resp: 837435

Ion Ratio Lower Upper

105 100

120 49.7 24.3 72.8

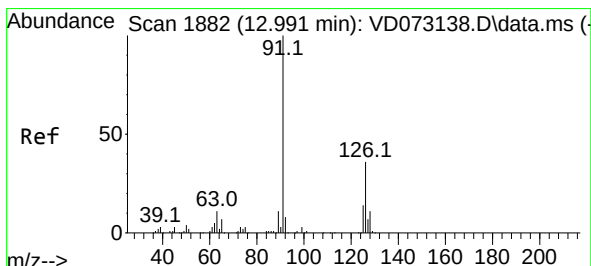
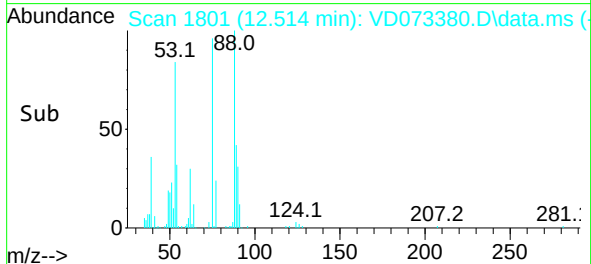
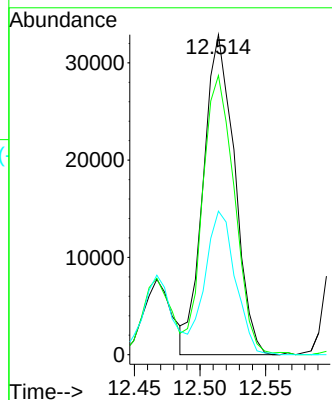
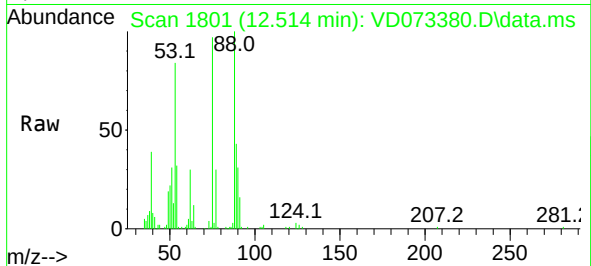




#81
trans-1,4-Dichloro-2-butene
Concen: 50.334 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

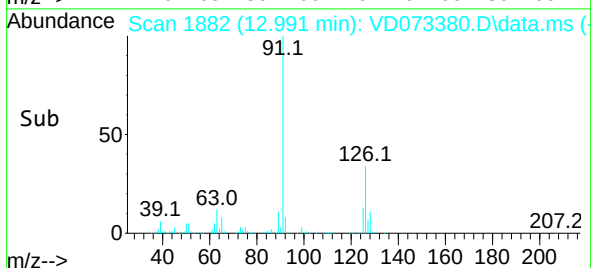
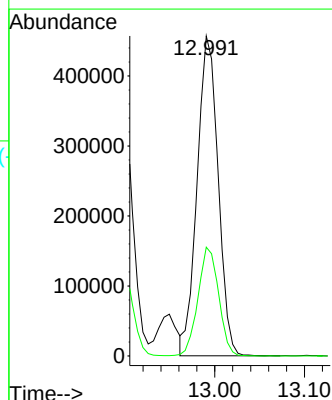
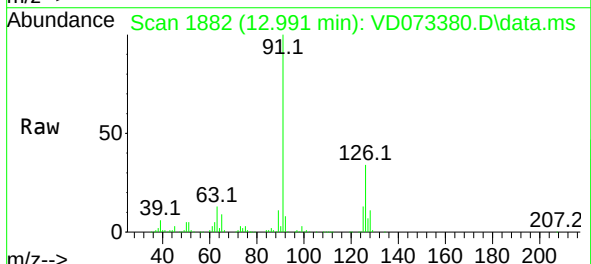
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

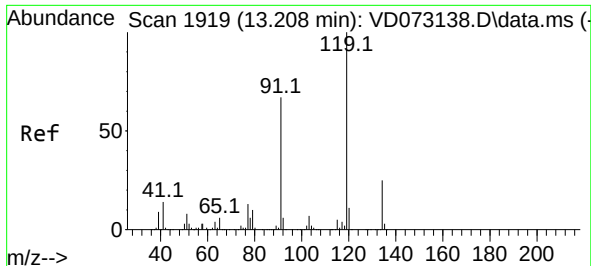
Tgt Ion: 75 Resp: 54367
Ion Ratio Lower Upper
75 100
53 89.2 86.5 129.7
89 43.5 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.731 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 91 Resp: 740510
Ion Ratio Lower Upper
91 100
126 33.6 16.5 49.5

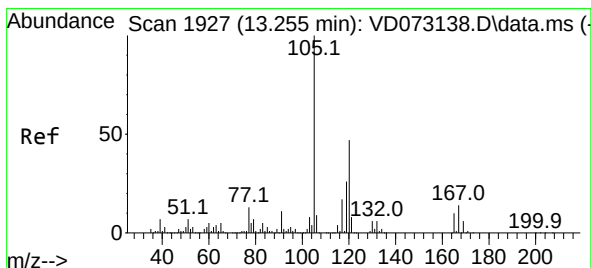
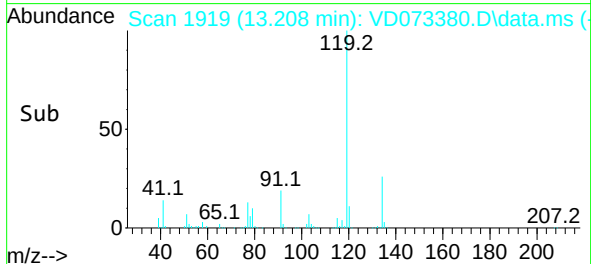
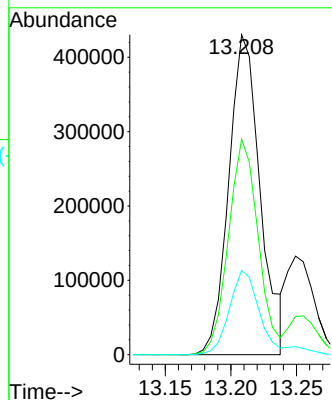
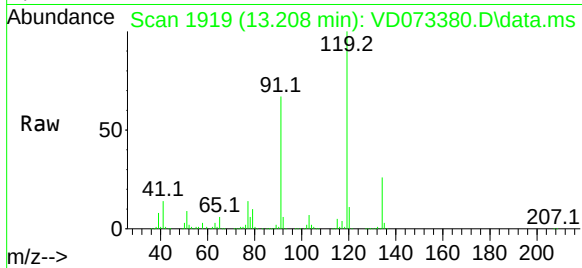




#83
tert-Butylbenzene
Concen: 53.352 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

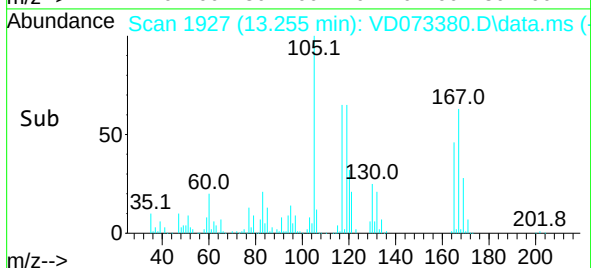
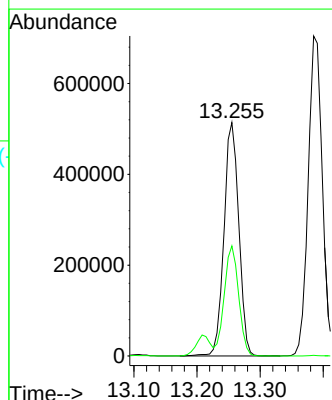
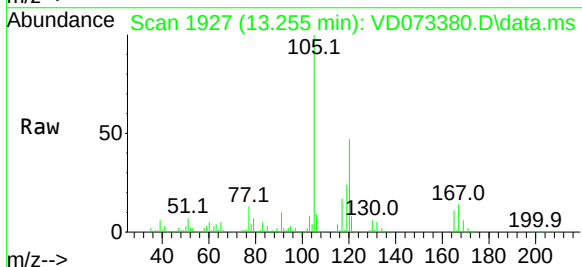
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

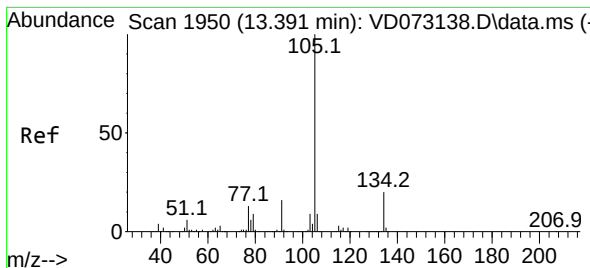
Tgt Ion:119 Resp: 717624
Ion Ratio Lower Upper
119 100
91 63.9 34.8 104.5
134 26.6 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 53.114 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion:105 Resp: 837437
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 53.168 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. -0.006 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

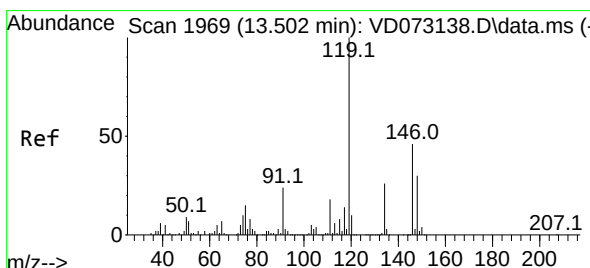
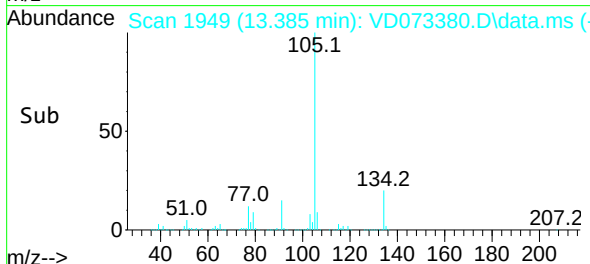
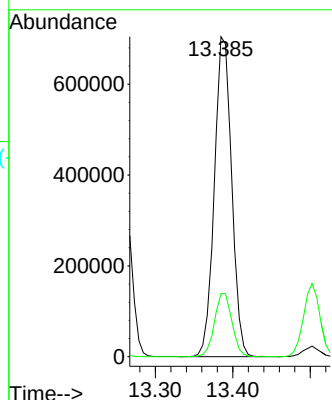
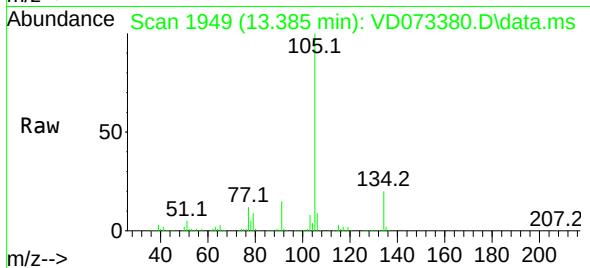
VSTDCCC050

Tgt Ion:105 Resp: 1091970

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.353 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

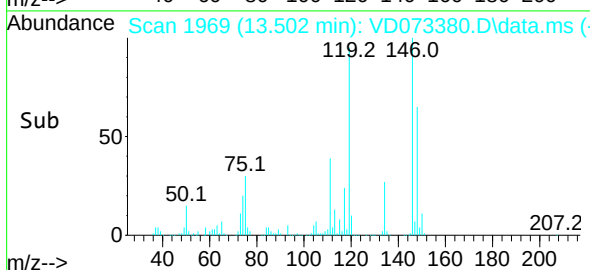
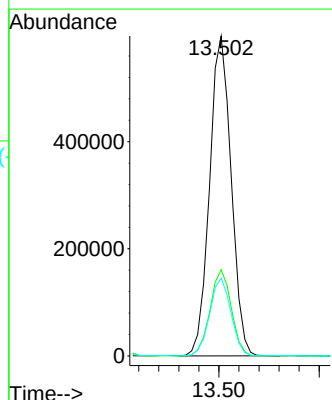
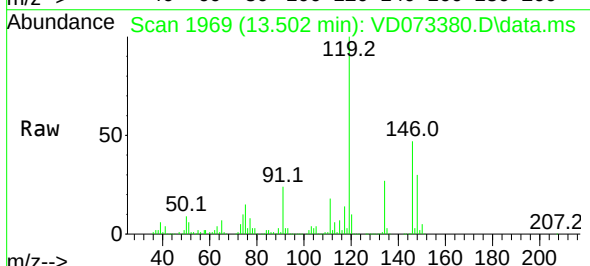
Tgt Ion:119 Resp: 893247

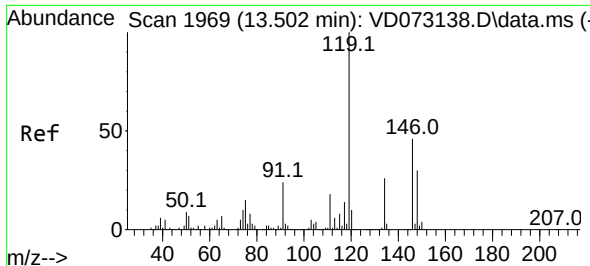
Ion Ratio Lower Upper

119 100

134 26.5 12.9 38.6

91 23.8 12.1 36.3

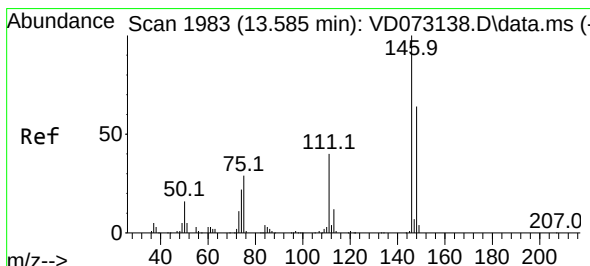
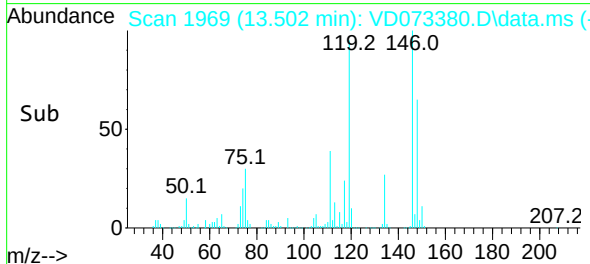
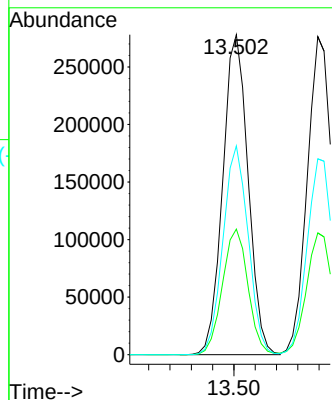
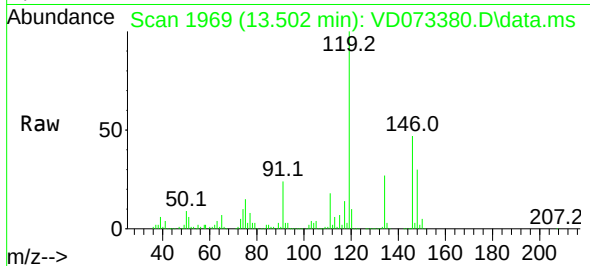




#87
1,3-Dichlorobenzene
Concen: 51.362 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

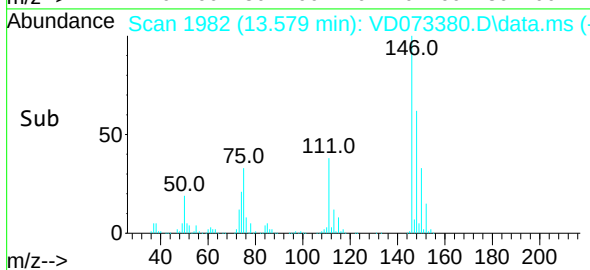
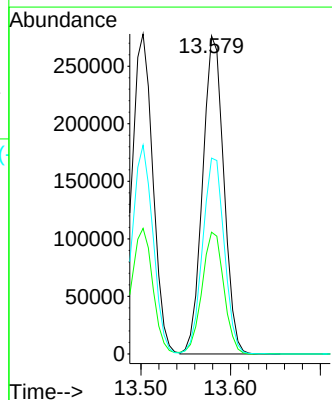
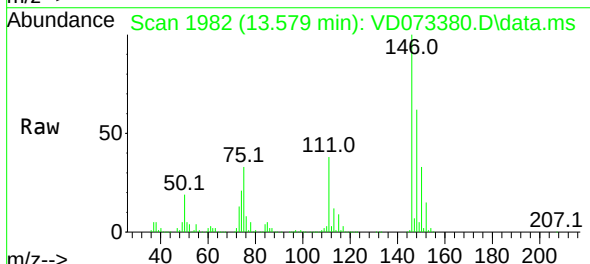
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

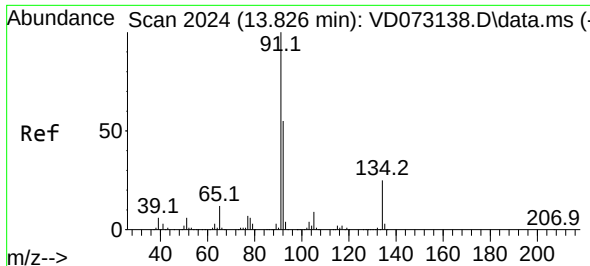
Tgt Ion:146 Resp: 459155
Ion Ratio Lower Upper
146 100
111 39.6 20.4 61.3
148 65.0 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 50.153 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion:146 Resp: 452576
Ion Ratio Lower Upper
146 100
111 39.5 20.3 60.9
148 63.3 31.7 95.1

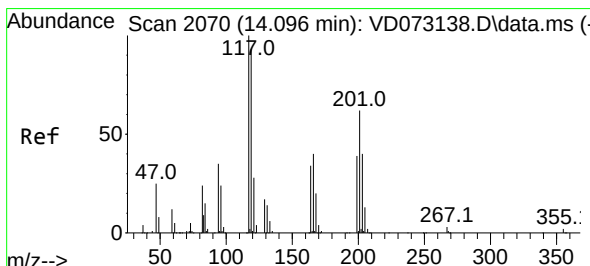
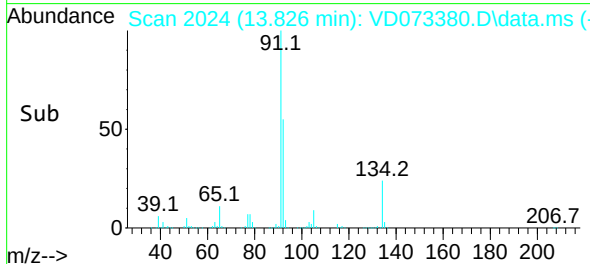
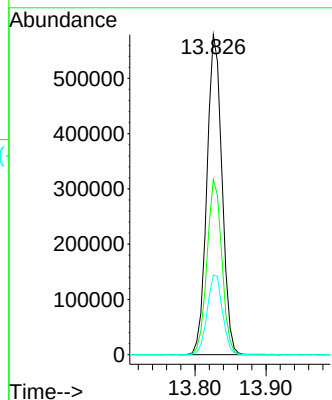
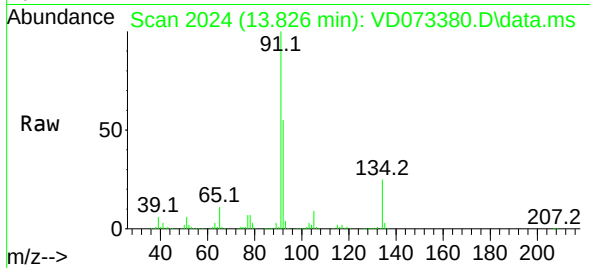




#89
n-Butylbenzene
Concen: 53.649 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

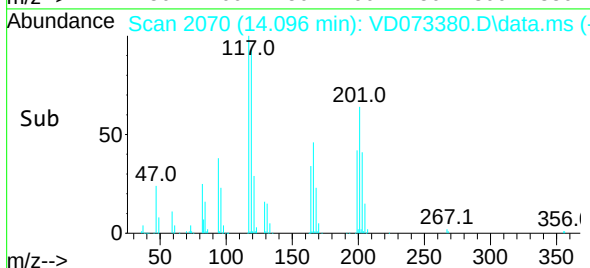
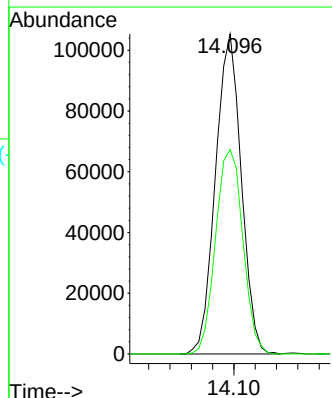
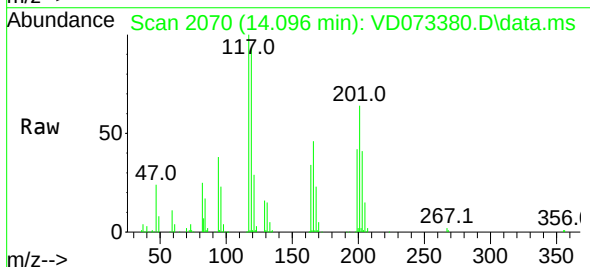
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

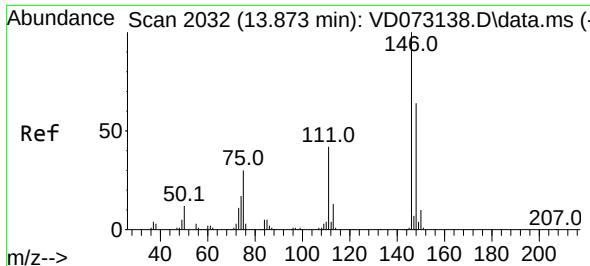
Tgt Ion: 91 Resp: 855811
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.8
134 25.2 12.3 36.9



#90
Hexachloroethane
Concen: 51.130 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 117 Resp: 177124
Ion Ratio Lower Upper
117 100
201 67.3 33.4 100.2

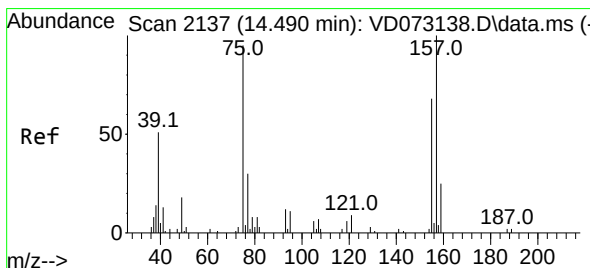
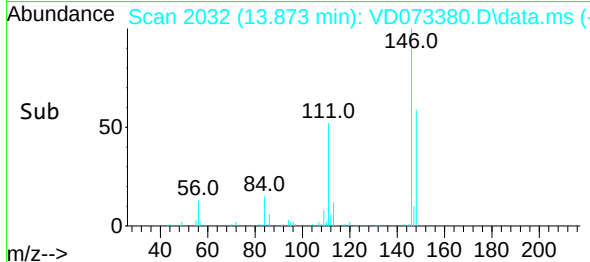
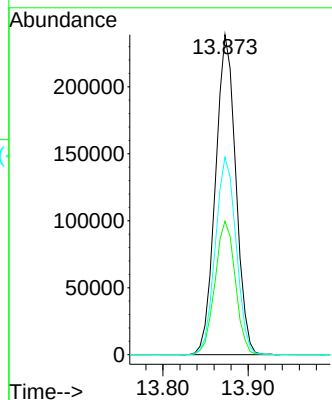
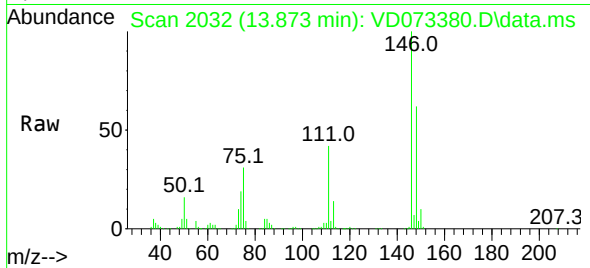




#91
1,2-Dichlorobenzene
Concen: 51.170 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

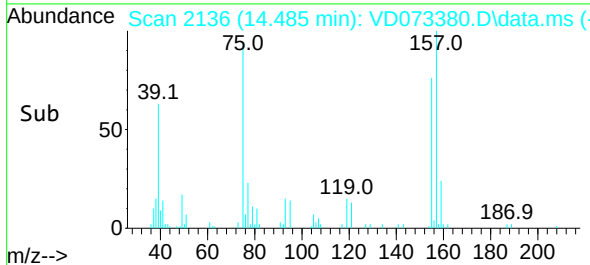
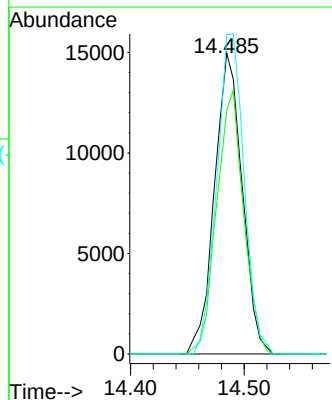
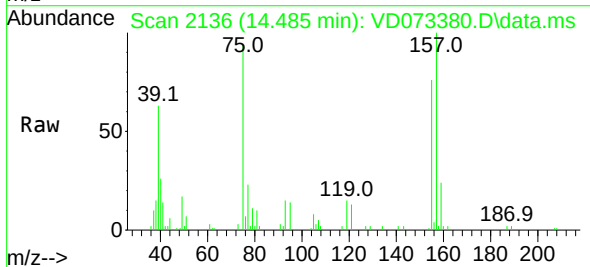
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

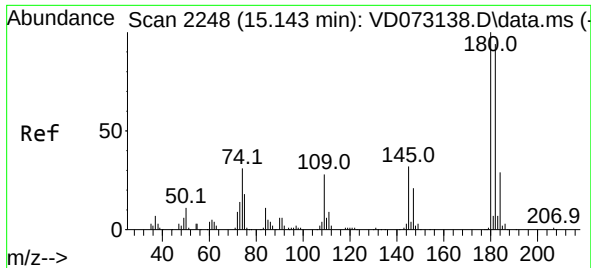
Tgt Ion:146 Resp: 395783
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.3
148 63.2 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.649 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.005 min
Lab File: VD073380.D
Acq: 26 May 2022 11:22

Tgt Ion: 75 Resp: 25355
Ion Ratio Lower Upper
75 100
155 85.2 36.8 110.3
157 104.9 48.4 145.0

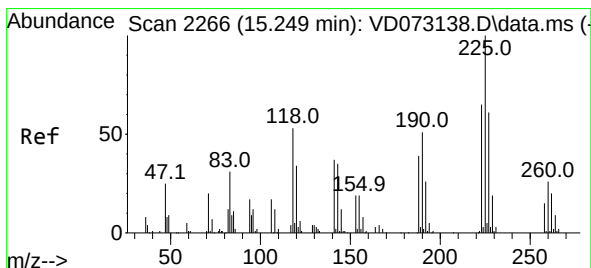
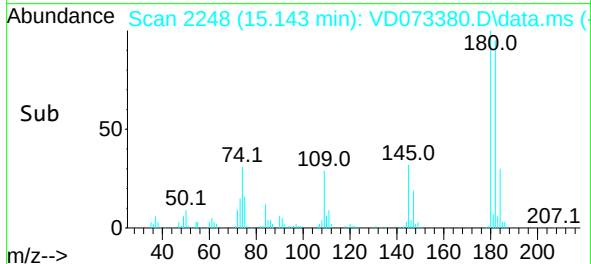
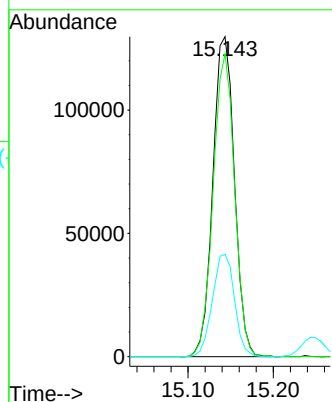
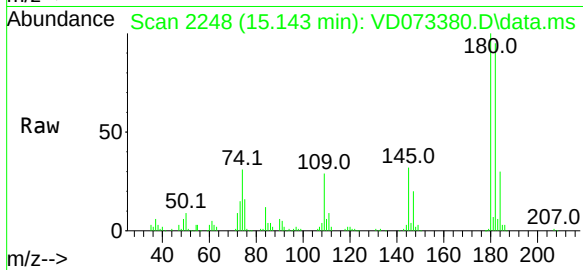




#93
 1,2,4-Trichlorobenzene
 Concen: 51.902 ug/l
 RT: 15.143 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073380.D
 Acq: 26 May 2022 11:22

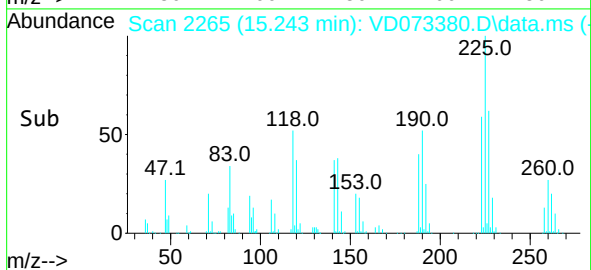
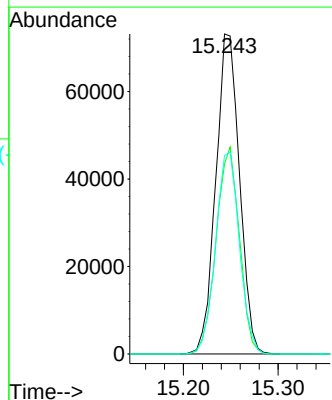
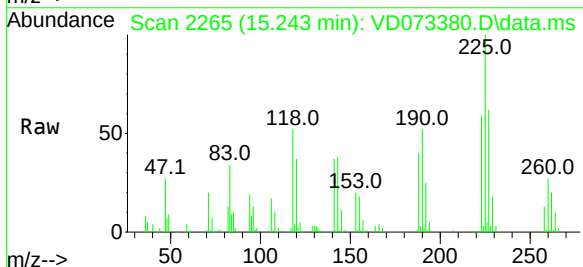
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

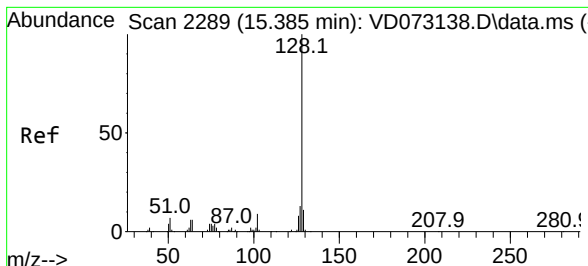
Tgt Ion:180 Resp: 227915
 Ion Ratio Lower Upper
 180 100
 182 94.1 47.3 142.0
 145 32.8 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 51.460 ug/l
 RT: 15.243 min Scan# 2265
 Delta R.T. -0.006 min
 Lab File: VD073380.D
 Acq: 26 May 2022 11:22

Tgt Ion:225 Resp: 127338
 Ion Ratio Lower Upper
 225 100
 223 63.4 31.1 93.2
 227 63.5 32.4 97.0





#95

Naphthalene

Concen: 46.360 ug/l

RT: 15.379 min Scan# 2288

Delta R.T. -0.006 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

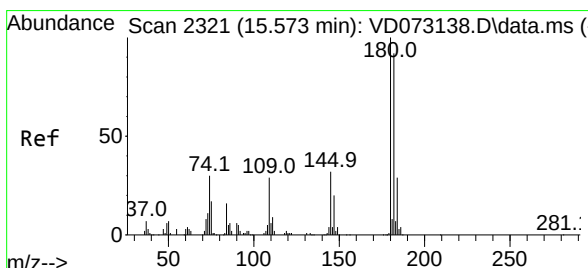
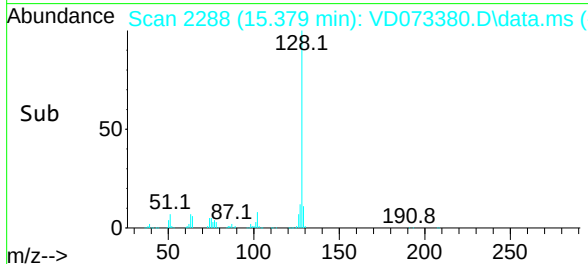
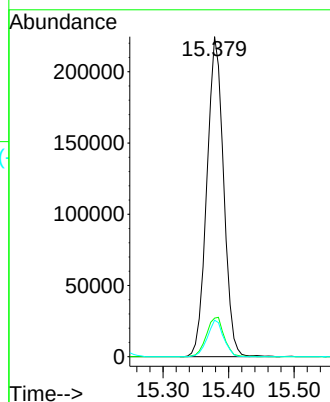
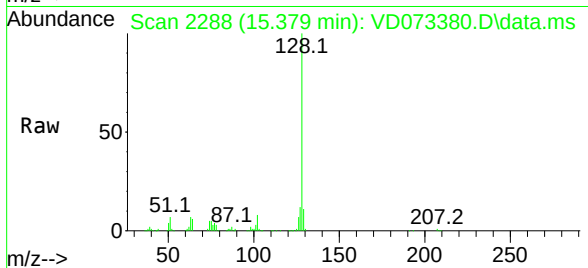
Tgt Ion:128 Resp: 398544

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 52.568 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073380.D

Acq: 26 May 2022 11:22

Tgt Ion:180 Resp: 204644

Ion Ratio Lower Upper

180 100

182 94.4 47.6 142.9

145 33.9 17.1 51.3

