

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073143.D
 Acq On : 19 May 2022 16:57
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 20 01:48:56 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	361533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	605654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	571096	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	272011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	195518	48.935	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.880%
35) Dibromofluoromethane	7.908	113	202493	50.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.340%
50) Toluene-d8	10.332	98	759582	51.560	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.120%
62) 4-Bromofluorobenzene	12.620	95	268707	51.973	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	103.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	165284	45.753	ug/l	98
3) Chloromethane	2.209	50	187066	45.794	ug/l	98
4) Vinyl Chloride	2.350	62	175089	46.874	ug/l	98
5) Bromomethane	2.762	94	126515	53.081	ug/l	95
6) Chloroethane	2.920	64	113022	49.220	ug/l	98
7) Trichlorofluoromethane	3.267	101	325086	49.219	ug/l	98
8) Diethyl Ether	3.709	74	92299	50.856	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	191597	48.618	ug/l	96
10) Methyl Iodide	4.297	142	212594	50.001	ug/l	98
11) Tert butyl alcohol	5.214	59	81593	131.624	ug/l #	94
12) 1,1-Dichloroethene	4.067	96	177954	48.979	ug/l	93
13) Acrolein	3.920	56	57156	232.216	ug/l	98
14) Allyl chloride	4.709	41	289826	49.418	ug/l	93
15) Acrylonitrile	5.414	53	216130	260.423	ug/l	98
16) Acetone	4.156	43	183931	265.776	ug/l #	89
17) Carbon Disulfide	4.403	76	581101	48.246	ug/l	98
18) Methyl Acetate	4.714	43	95969	49.870	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	434970	52.550	ug/l	99
20) Methylene Chloride	4.961	84	229288	52.428	ug/l	87
21) trans-1,2-Dichloroethene	5.467	96	222797	50.716	ug/l	87
22) Diisopropyl ether	6.356	45	632896	51.479	ug/l	96
23) Vinyl Acetate	6.303	43	1743174	265.818	ug/l #	94
24) 1,1-Dichloroethane	6.256	63	384618	48.739	ug/l	99
25) 2-Butanone	7.208	43	263834	260.577	ug/l	91
26) 2,2-Dichloropropane	7.208	77	330709	49.140	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	240675	49.513	ug/l	92
28) Bromochloromethane	7.538	49	132161	48.612	ug/l #	83
29) Tetrahydrofuran	7.561	42	171119	261.370	ug/l	91
30) Chloroform	7.702	83	402602	48.868	ug/l	98
31) Cyclohexane	7.979	56	341141	48.859	ug/l	90
32) 1,1,1-Trichloroethane	7.897	97	350891	48.697	ug/l	96
36) 1,1-Dichloropropene	8.108	75	306412	50.978	ug/l	97
37) Ethyl Acetate	7.291	43	123250	51.913	ug/l #	94
38) Carbon Tetrachloride	8.091	117	307477	50.465	ug/l	98
39) Methylcyclohexane	9.349	83	357221	53.327	ug/l	96
40) Benzene	8.344	78	871038	50.283	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	63422	45.849	ug/l #	84
42) 1,2-Dichloroethane	8.420	62	239690	49.728	ug/l	95
43) Isopropyl Acetate	8.444	43	230764	52.585	ug/l #	92
44) Trichloroethene	9.102	130	235626	51.008	ug/l	97
45) 1,2-Dichloropropane	9.379	63	217152	49.776	ug/l	98
46) Dibromomethane	9.467	93	119387	49.828	ug/l	97
47) Bromodichloromethane	9.655	83	303735	49.544	ug/l	97
48) Methyl methacrylate	9.449	41	123624	55.993	ug/l	91
49) 1,4-Dioxane	9.449	88	25289	1022.046	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	616801	270.618	ug/l	95
52) Toluene	10.396	92	566182	51.722	ug/l	97
53) t-1,3-Dichloropropene	10.608	75	283282	51.147	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	340734	51.409	ug/l	93
55) 1,1,2-Trichloroethane	10.791	97	165112	50.960	ug/l	96
56) Ethyl methacrylate	10.649	69	200340	55.613	ug/l	88
57) 1,3-Dichloropropane	10.938	76	280097	51.522	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	421898	246.809	ug/l	96
59) 2-Hexanone	10.973	43	420627	279.921	ug/l	94
60) Dibromochloromethane	11.132	129	205458	50.855	ug/l	99
61) 1,2-Dibromoethane	11.238	107	157950	51.016	ug/l	98
64) Tetrachloroethene	10.867	164	188590	50.418	ug/l	93
65) Chlorobenzene	11.661	112	588201	50.205	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	219975	50.626	ug/l	98
67) Ethyl Benzene	11.732	91	1084715	52.741	ug/l	99
68) m/p-Xylenes	11.843	106	845330	105.792	ug/l	97
69) o-Xylene	12.173	106	389025	52.997	ug/l	95
70) Styrene	12.185	104	679495	53.804	ug/l	97
71) Bromoform	12.349	173	115640	51.711	ug/l #	99
73) Isopropylbenzene	12.467	105	1042097	53.740	ug/l	100
74) N-amyl acetate	12.279	43	226017	53.428	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.714	83	182683	51.080	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	234289	87.785	ug/l #	100
77) Bromobenzene	12.749	156	234850	51.448	ug/l	93
78) n-propylbenzene	12.808	91	1290325	53.003	ug/l	99
79) 2-Chlorotoluene	12.896	91	729924	51.929	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	884565	53.850	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	59171	53.225	ug/l	86
82) 4-Chlorotoluene	12.990	91	764994	51.923	ug/l	98
83) tert-Butylbenzene	13.208	119	751375	54.274	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	867542	53.460	ug/l	99
85) sec-Butylbenzene	13.390	105	1127439	53.335	ug/l	99
86) p-Isopropyltoluene	13.502	119	918457	53.300	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	470502	51.136	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	464555	50.017	ug/l	99
89) n-Butylbenzene	13.826	91	886958	54.022	ug/l	98
90) Hexachloroethane	14.096	117	181520	50.910	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	411333	51.669	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.484	75	28385	51.827	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	243879	53.960	ug/l	99
94) Hexachlorobutadiene	15.249	225	131400	51.593	ug/l	97
95) Naphthalene	15.384	128	451188	50.639	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	212001	52.910	ug/l	100

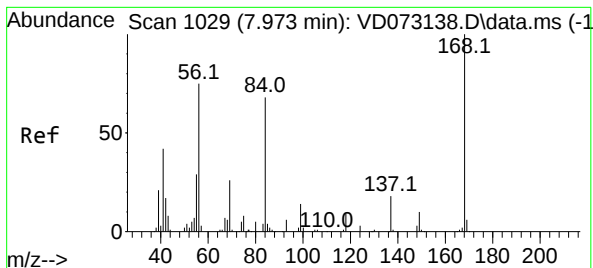
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Response via : Initial Calibration

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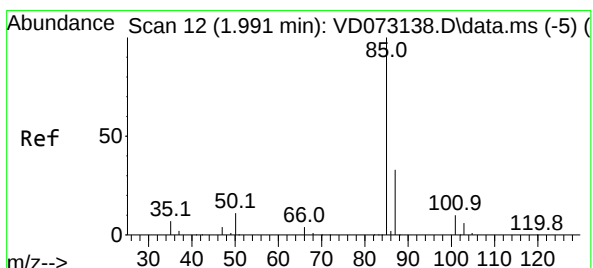
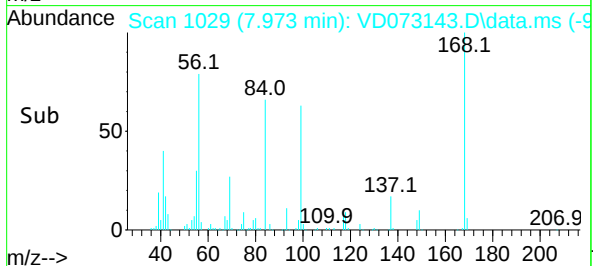
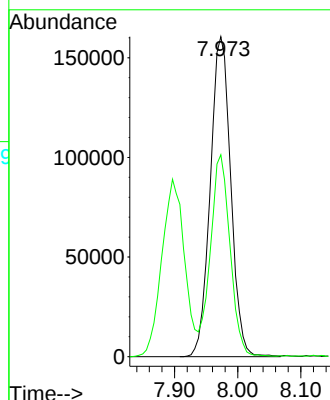
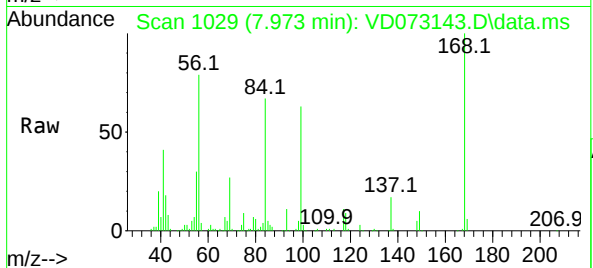
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

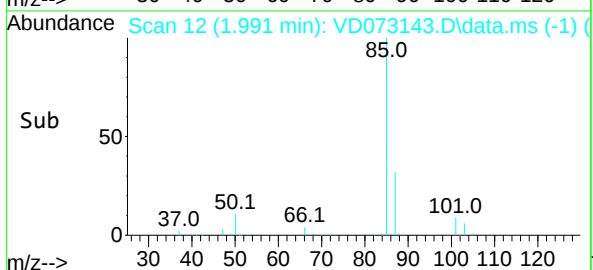
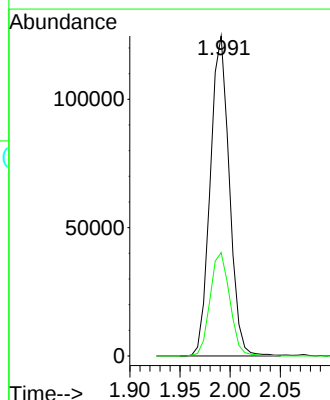
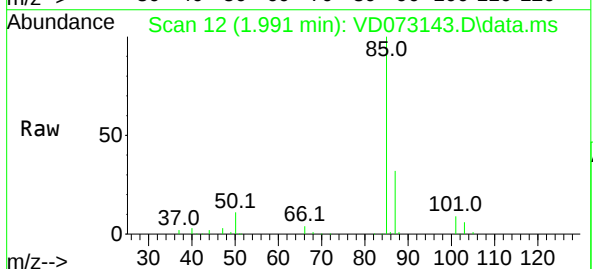
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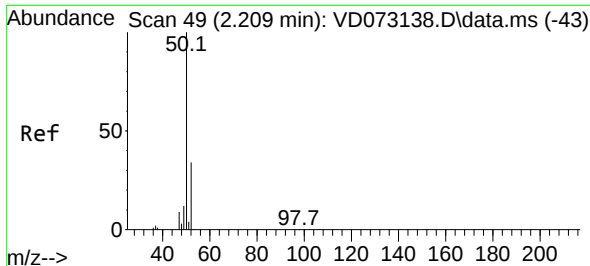
Tgt Ion:168 Resp: 361533
Ion Ratio Lower Upper
168 100
99 62.8 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 45.753 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 85 Resp: 165284
Ion Ratio Lower Upper
85 100
87 32.3 15.7 47.0

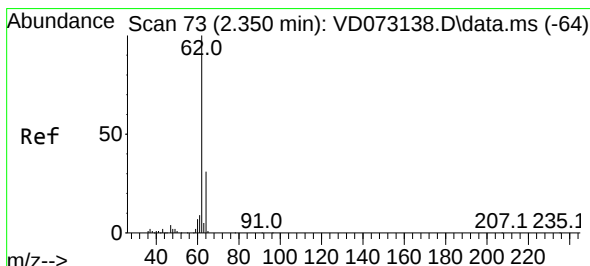
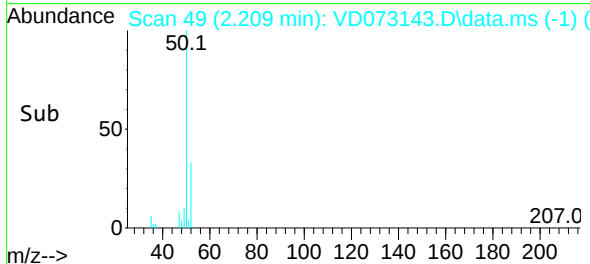
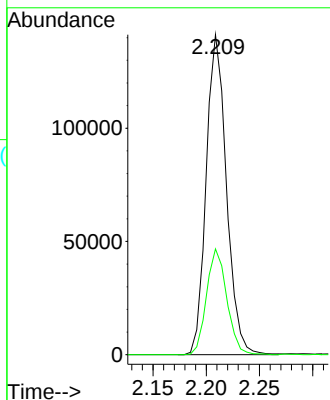
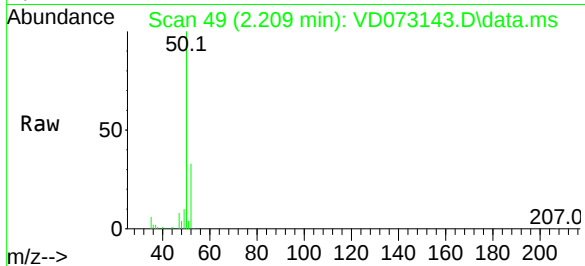




#3
Chloromethane
Concen: 45.794 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

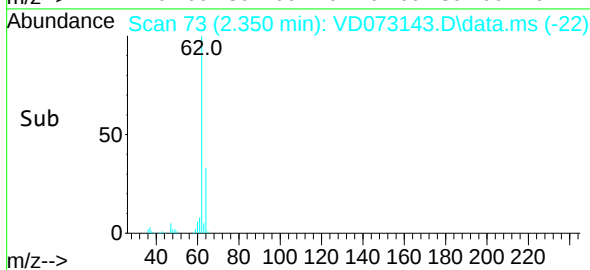
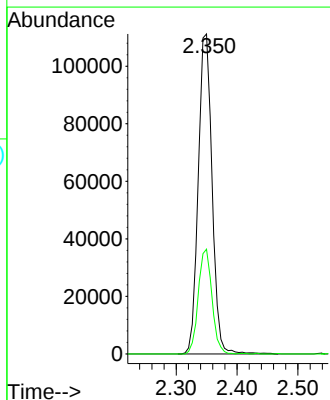
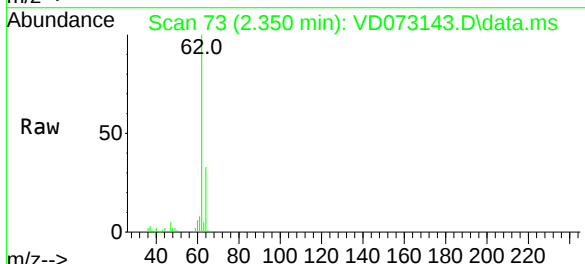
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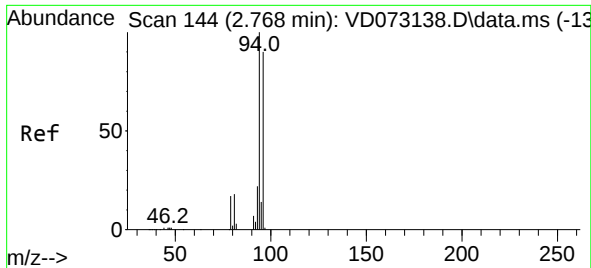
Tgt Ion: 50 Resp: 187066
Ion Ratio Lower Upper
50 100
52 33.1 27.4 41.0



#4
Vinyl Chloride
Concen: 46.874 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 62 Resp: 175089
Ion Ratio Lower Upper
62 100
64 32.7 25.4 38.0

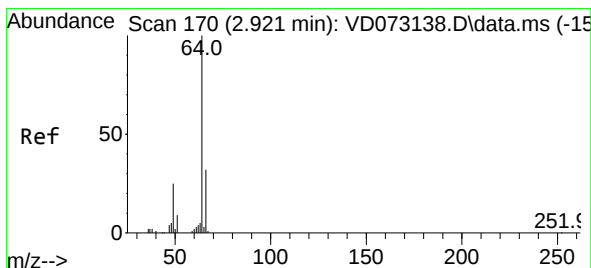
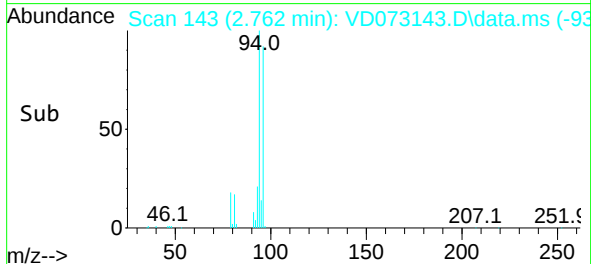
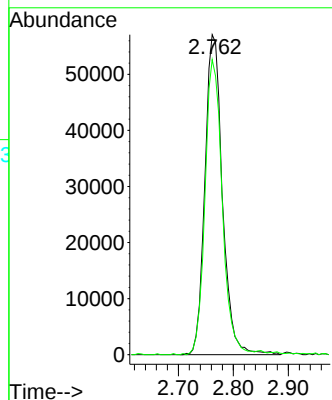
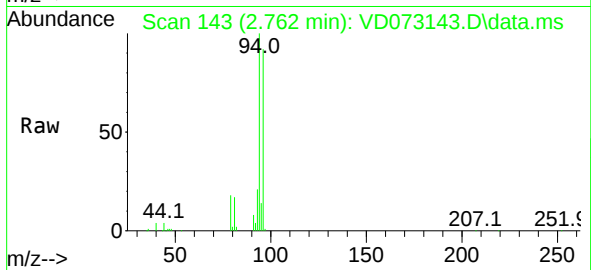




#5
Bromomethane
Concen: 53.081 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

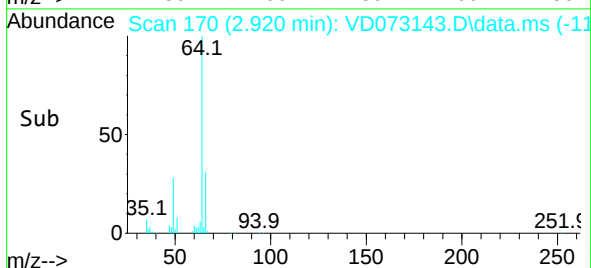
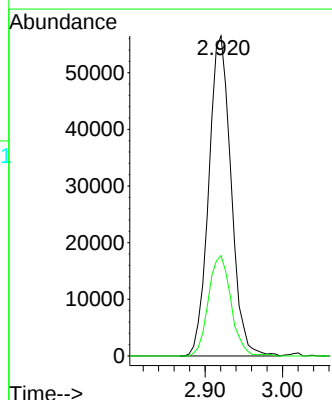
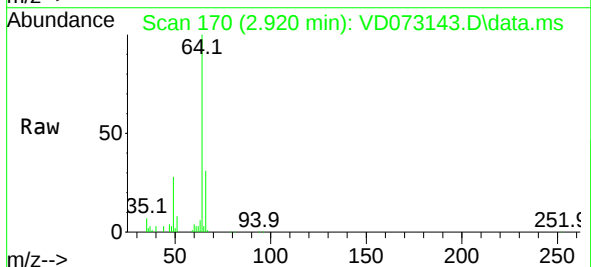
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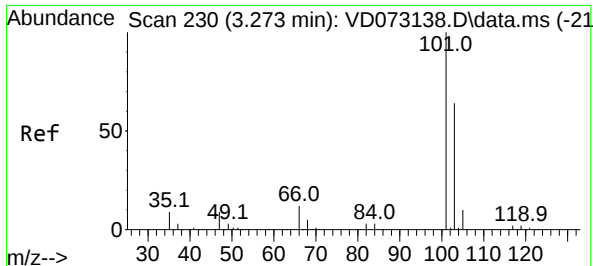
Tgt Ion: 94 Resp: 126515
Ion Ratio Lower Upper
94 100
96 92.2 77.6 116.4



#6
Chloroethane
Concen: 49.220 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.001 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 64 Resp: 113022
Ion Ratio Lower Upper
64 100
66 31.3 25.9 38.9

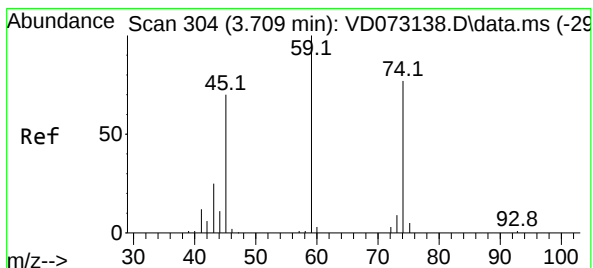
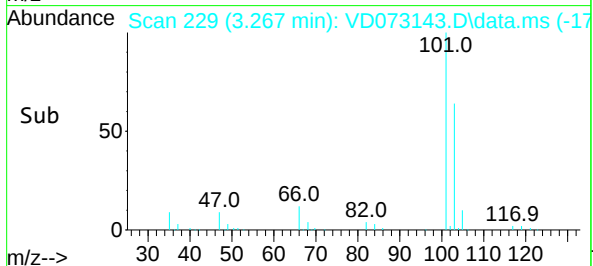
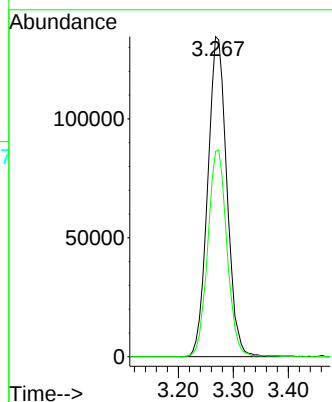
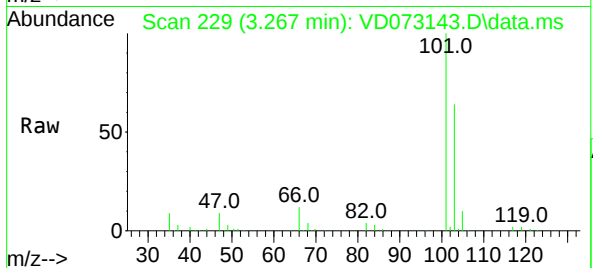




#7
Trichlorofluoromethane
Concen: 49.219 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

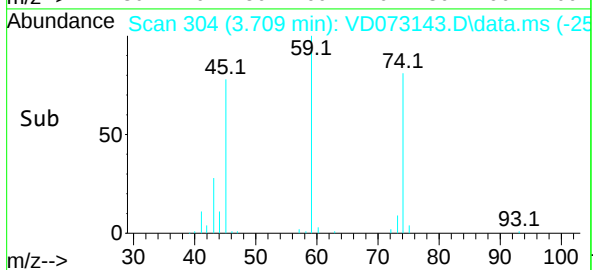
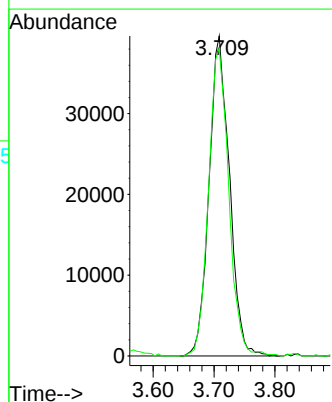
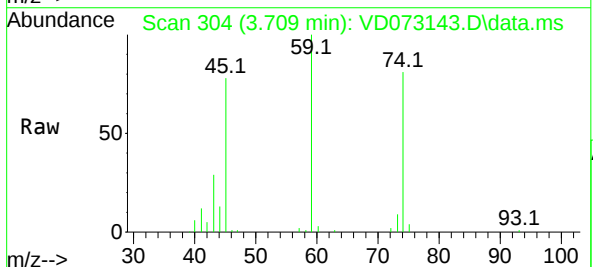
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 325086
Ion Ratio Lower Upper
101 100
103 64.1 50.1 75.1



#8
Diethyl Ether
Concen: 50.856 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 74 Resp: 92299
Ion Ratio Lower Upper
74 100
45 95.3 52.6 157.8

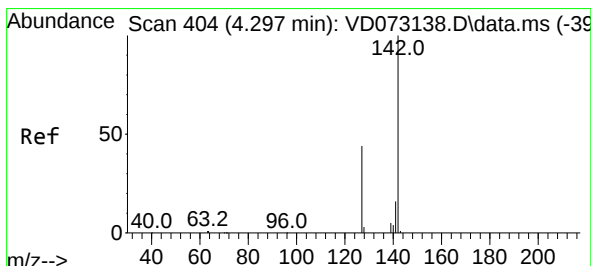
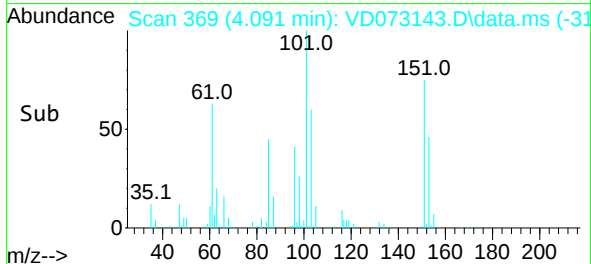
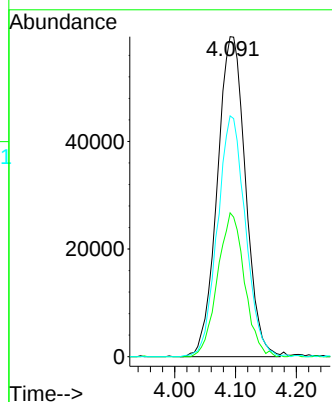
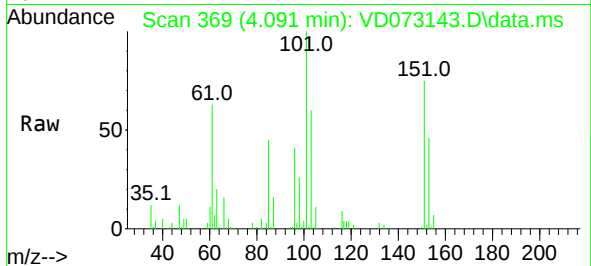




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.618 ug/l
RT: 4.091 min Scan# 370
Delta R.T. -0.006 min
Lab File: VD073143.D
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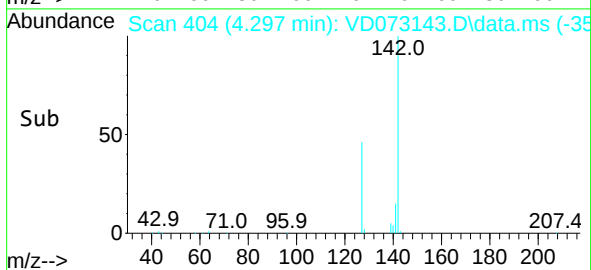
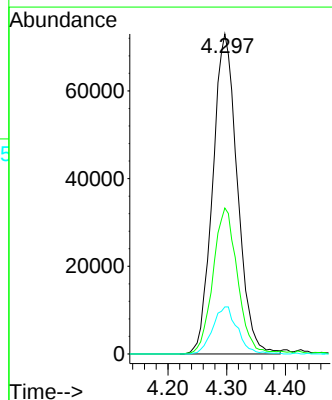
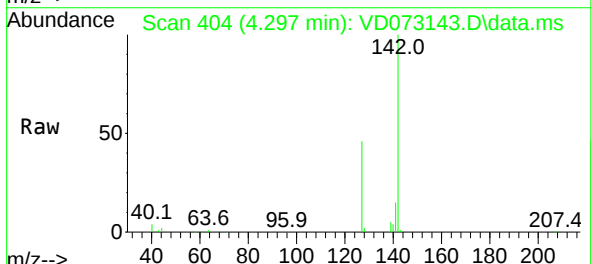
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

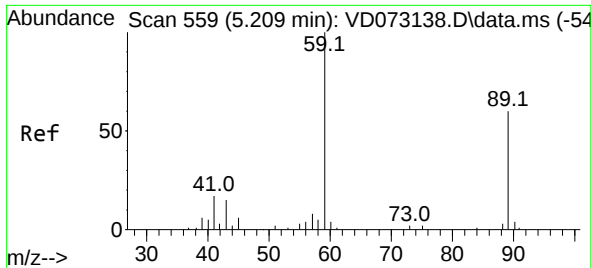
Tgt Ion:101 Resp: 191597
Ion Ratio Lower Upper
101 100
85 42.9 36.4 54.6
151 74.7 57.3 85.9



#10
Methyl Iodide
Concen: 50.001 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion:142 Resp: 212594
Ion Ratio Lower Upper
142 100
127 45.4 37.3 55.9
141 14.8 11.7 17.5

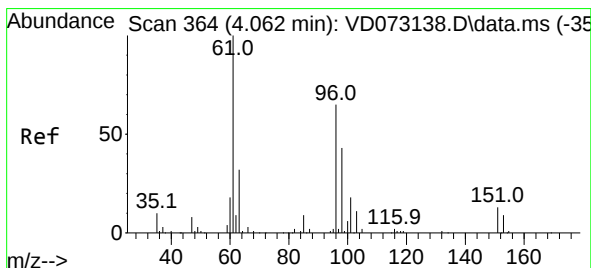
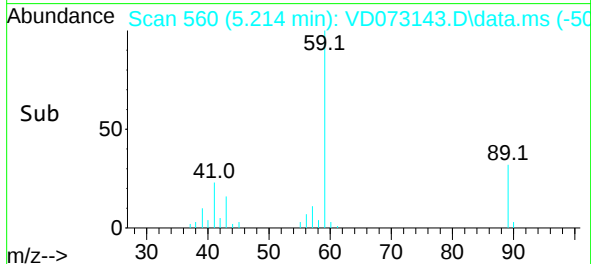
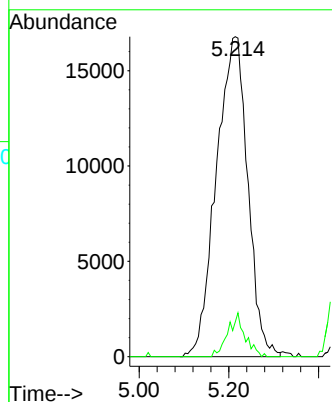
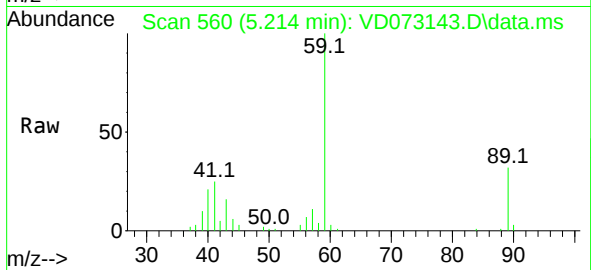




#11
Tert butyl alcohol
Concen: 131.624 ug/l
RT: 5.214 min Scan# 50
Delta R.T. 0.005 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

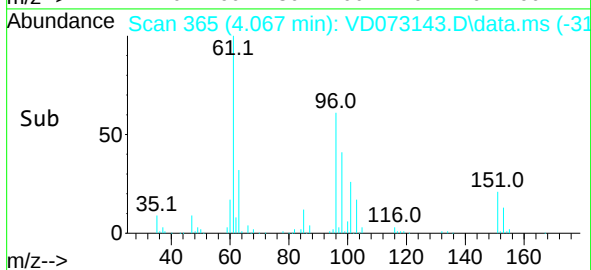
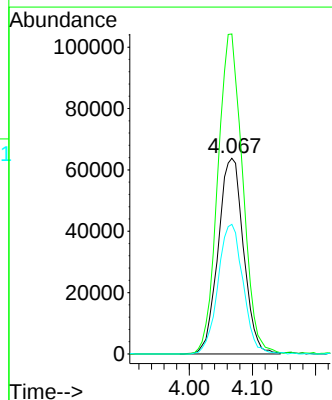
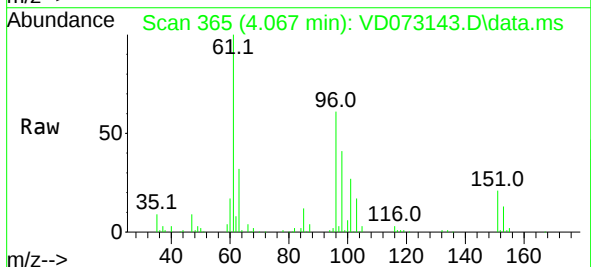
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

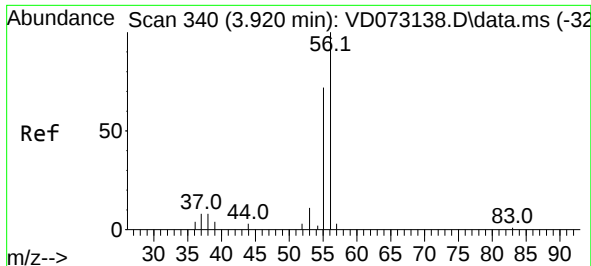
Tgt Ion: 59 Resp: 81593
Ion Ratio Lower Upper
59 100
57 7.5 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 48.979 ug/l
RT: 4.067 min Scan# 365
Delta R.T. 0.005 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 96 Resp: 177954
Ion Ratio Lower Upper
96 100
61 163.6 138.5 207.7
98 66.3 48.6 73.0

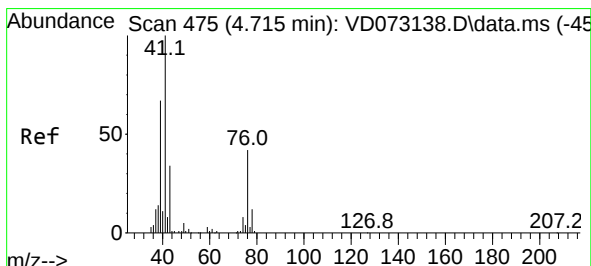
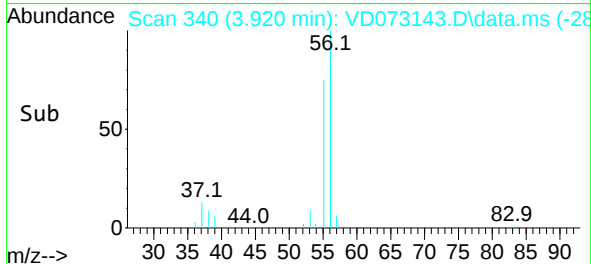
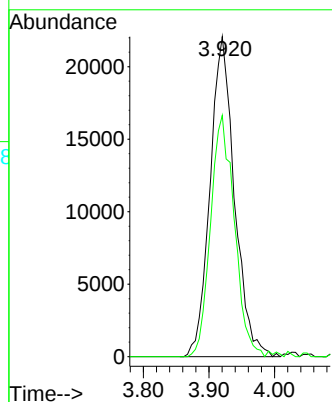
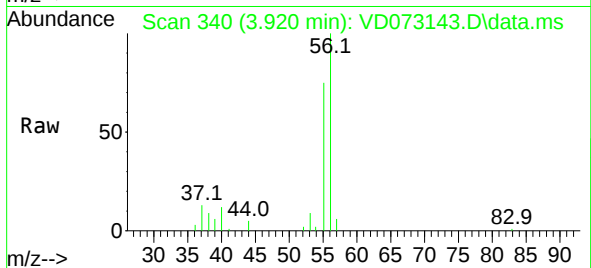




#13
Acrolein
Concen: 232.216 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

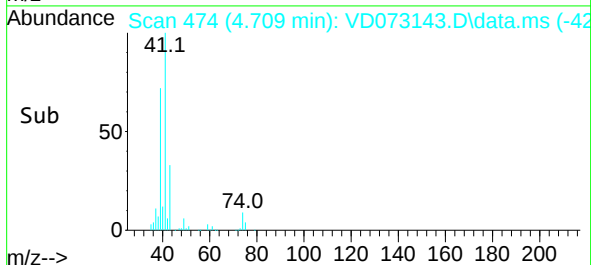
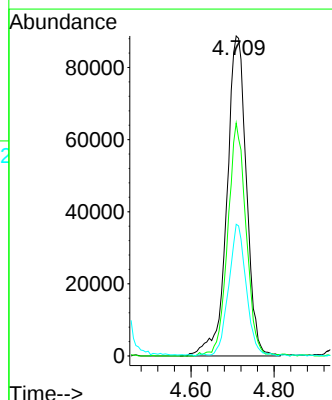
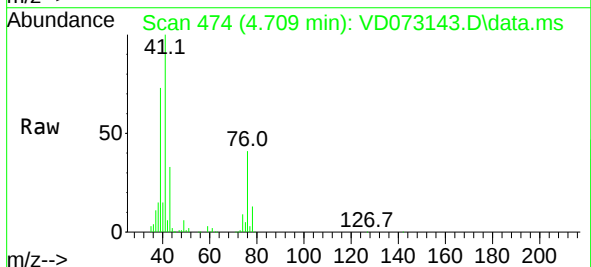
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

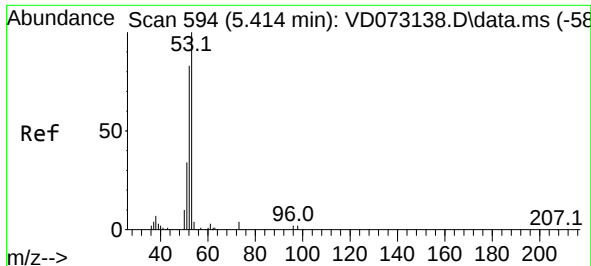
Tgt Ion: 56 Resp: 57156
Ion Ratio Lower Upper
56 100
55 73.2 57.1 85.7



#14
Allyl chloride
Concen: 49.418 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 41 Resp: 289826
Ion Ratio Lower Upper
41 100
39 68.2 59.3 88.9
76 37.0 25.7 38.5

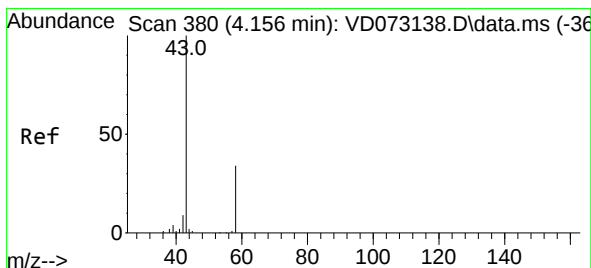
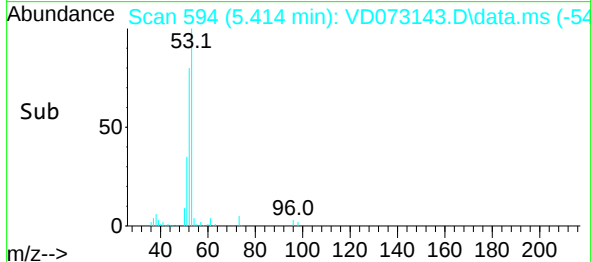
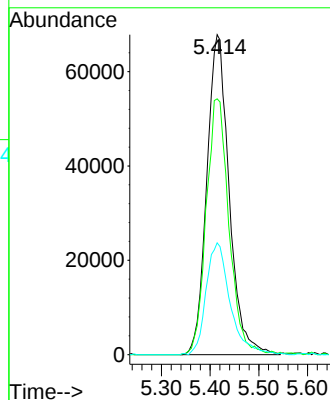
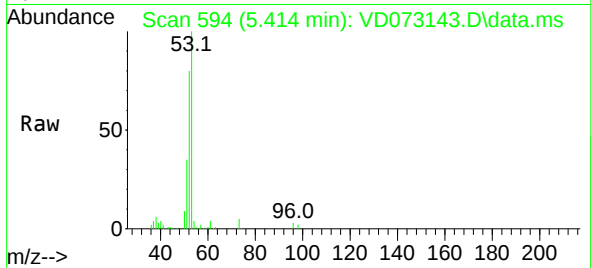




#15
Acrylonitrile
Concen: 260.423 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

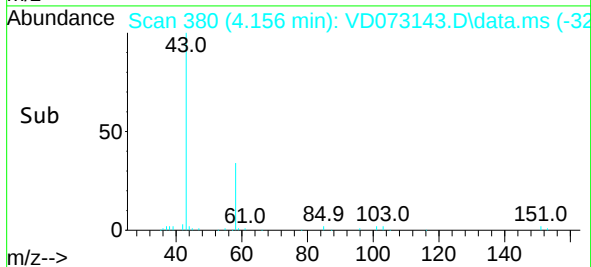
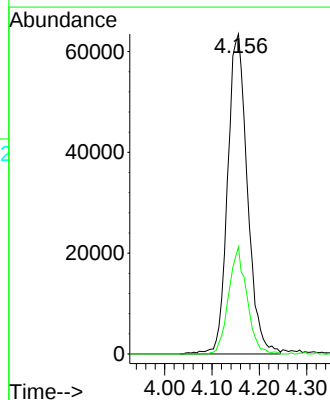
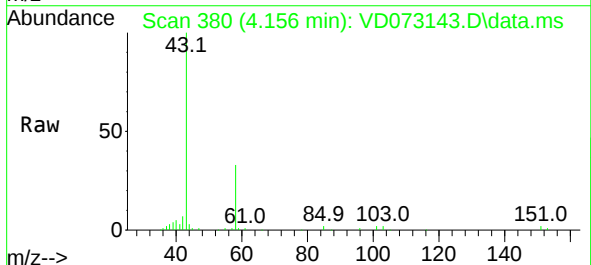
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

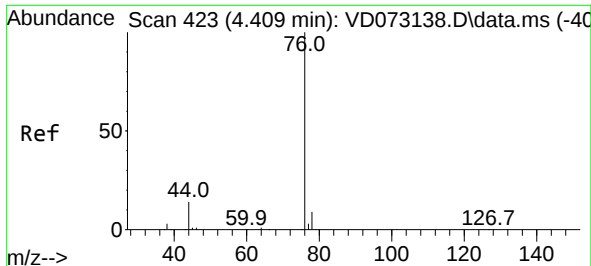
Tgt Ion: 53	Resp: 216130
Ion Ratio	Lower Upper
53 100	
52 81.2	67.2 100.8
51 37.6	30.3 45.5



#16
Acetone
Concen: 265.776 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 43	Resp: 183931
Ion Ratio	Lower Upper
43 100	
58 33.4	22.1 33.1#

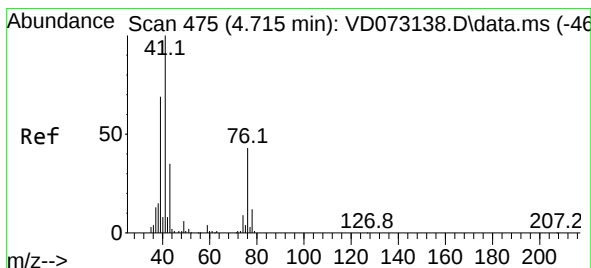
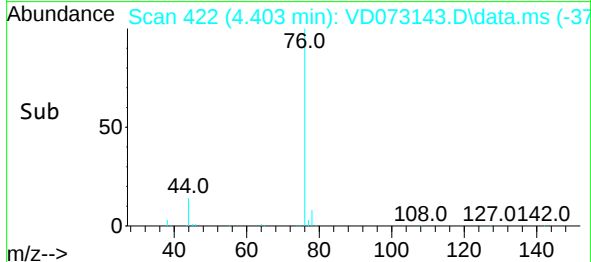
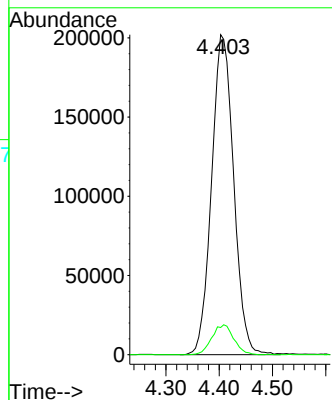
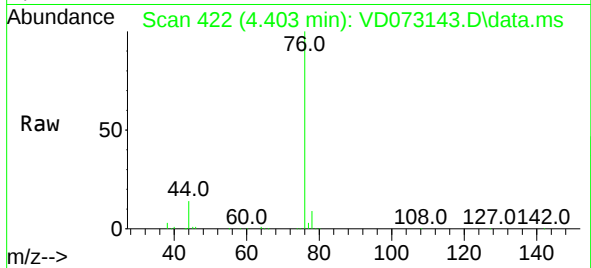




#17
Carbon Disulfide
Concen: 48.246 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

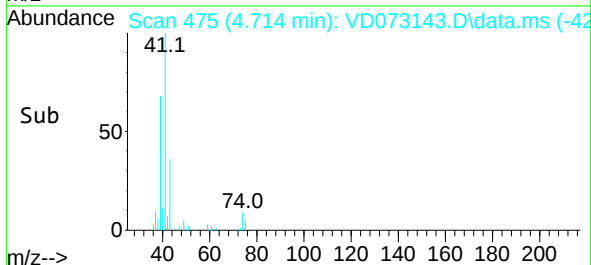
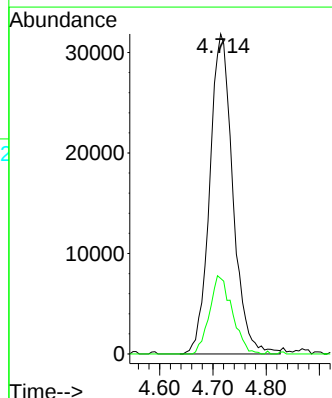
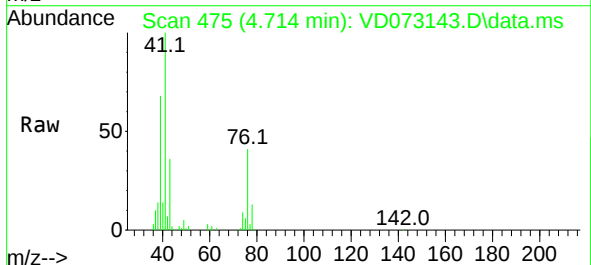
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

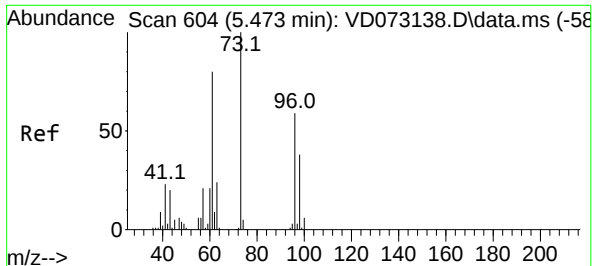
Tgt Ion: 76 Resp: 581101
Ion Ratio Lower Upper
76 100
78 8.5 7.5 11.3



#18
Methyl Acetate
Concen: 49.870 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 43 Resp: 95969
Ion Ratio Lower Upper
43 100
74 24.0 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 52.550 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

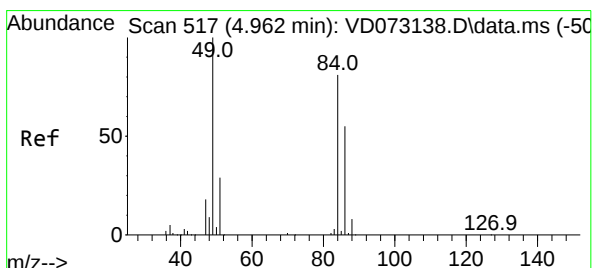
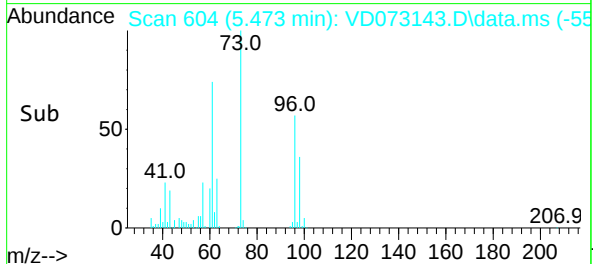
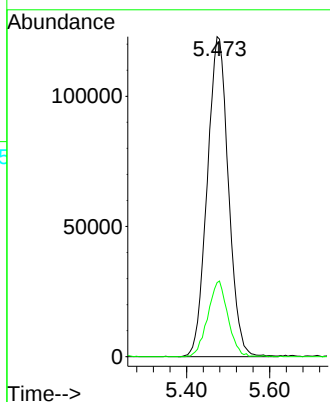
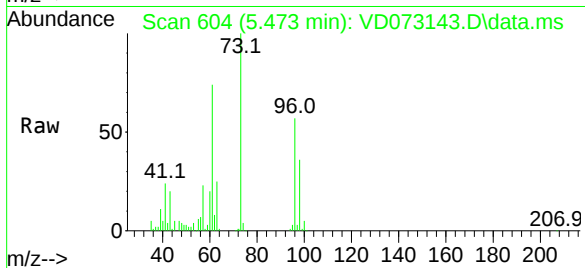
VSTDCCC050

Tgt Ion: 73 Resp: 434970

Ion Ratio Lower Upper

73 100

57 23.1 18.0 27.0



#20

Methylene Chloride

Concen: 52.428 ug/l

RT: 4.961 min Scan# 517

Delta R.T. -0.001 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Tgt Ion: 84 Resp: 229288

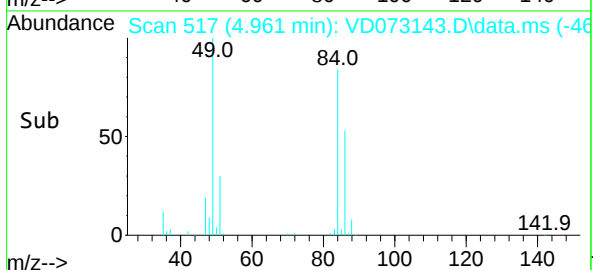
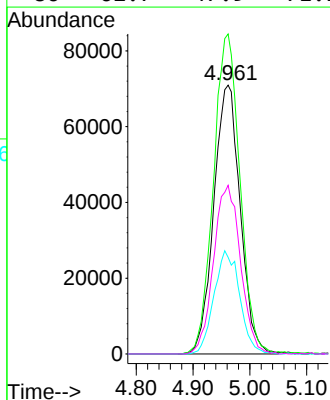
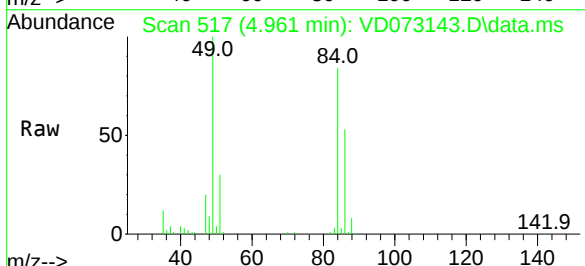
Ion Ratio Lower Upper

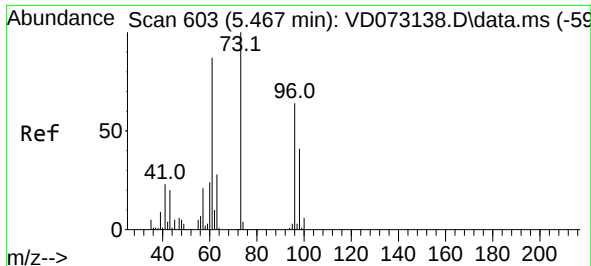
84 100

49 119.0 112.8 169.2

51 36.0 32.6 48.8

86 62.7 47.9 71.9

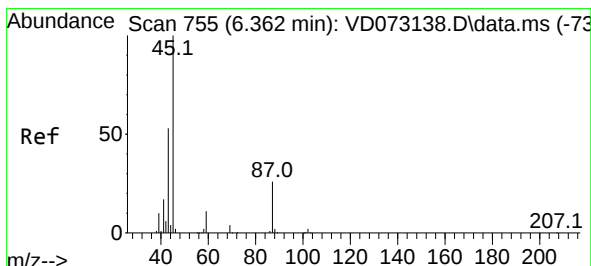
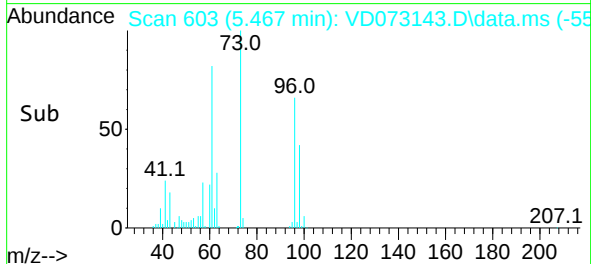
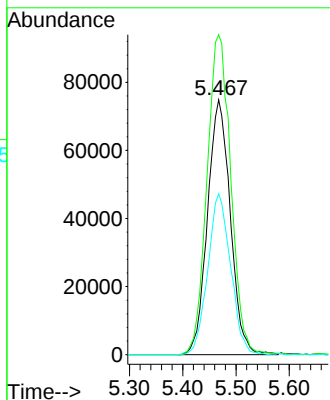
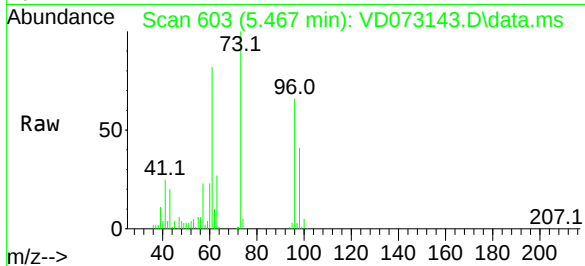




#21
trans-1,2-Dichloroethene
Concen: 50.716 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

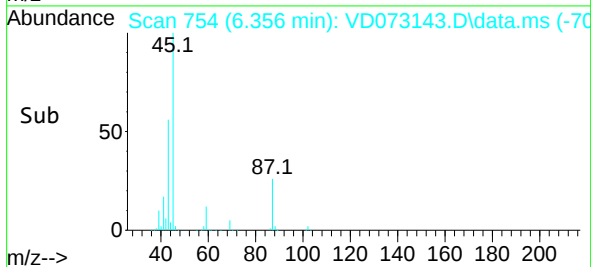
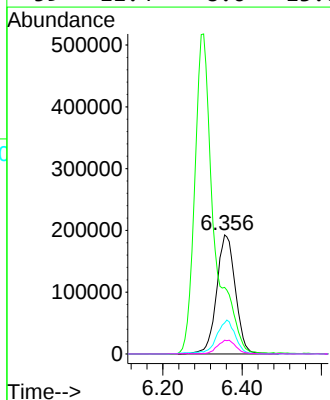
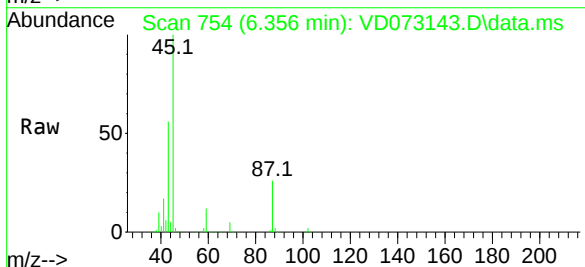
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

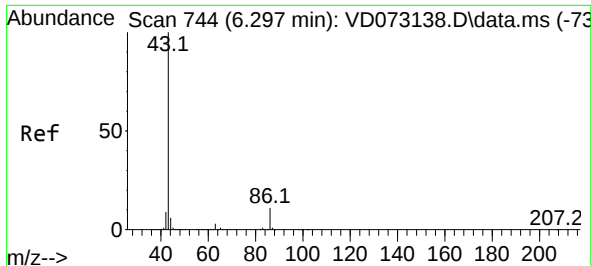
Tgt Ion: 96 Resp: 222797
Ion Ratio Lower Upper
96 100
61 125.5 117.9 176.9
98 63.1 49.4 74.2



#22
Diisopropyl ether
Concen: 51.479 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 45 Resp: 632896
Ion Ratio Lower Upper
45 100
43 55.5 46.6 70.0
87 26.1 18.4 27.6
59 11.4 8.6 13.0

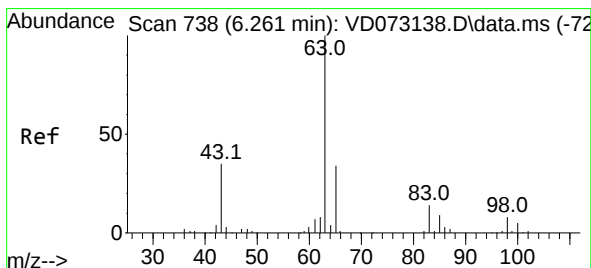
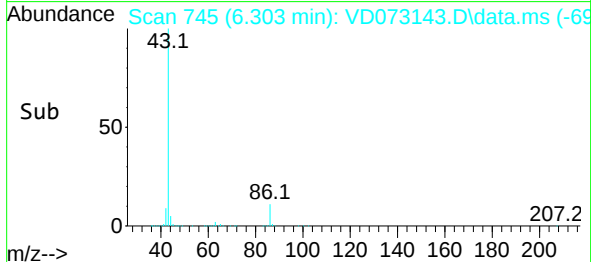
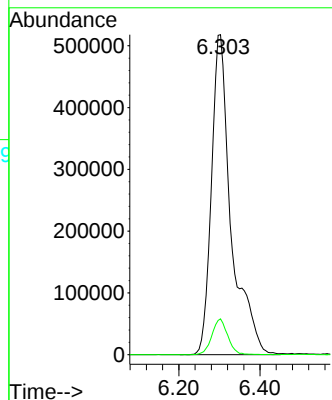
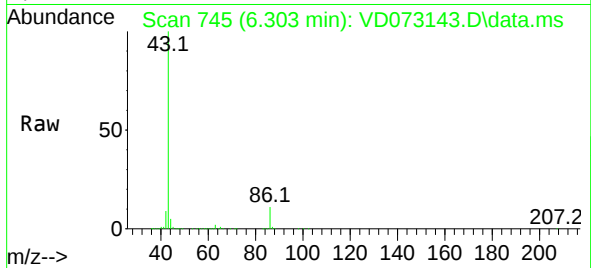




#23
 Vinyl Acetate
 Concen: 265.818 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073143.D
 Acq: 19 May 2022 16:57

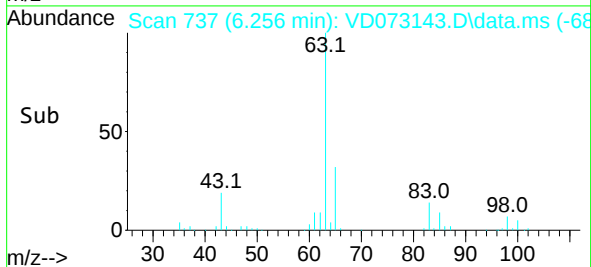
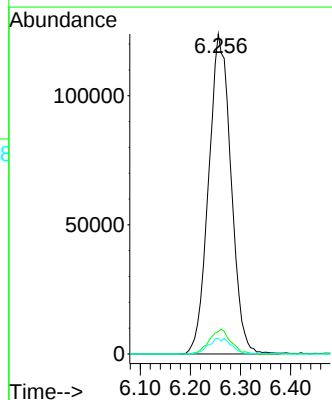
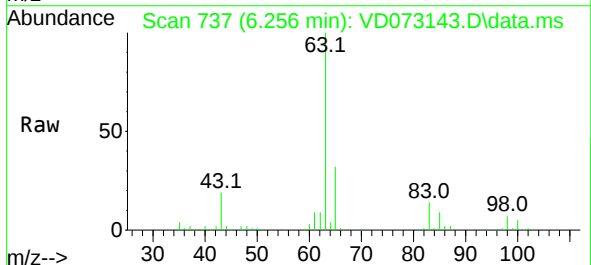
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1743174
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 48.739 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073143.D
 Acq: 19 May 2022 16:57

Tgt Ion: 63 Resp: 384618
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.9 2.1 6.5





#25

2-Butanone

Concen: 260.577 ug/l

RT: 7.208 min Scan# 899

Delta R.T. 0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

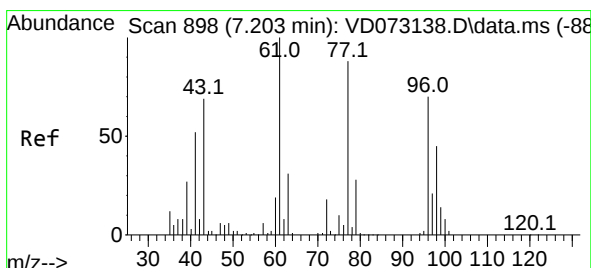
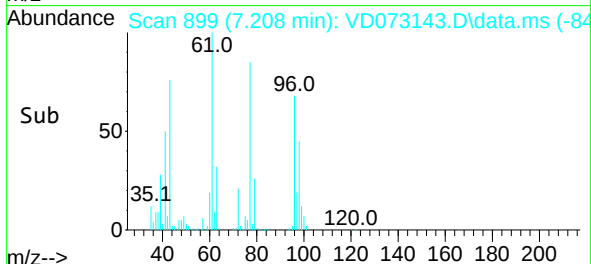
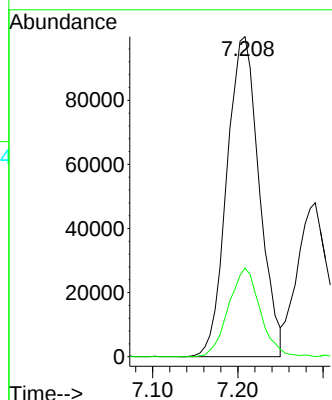
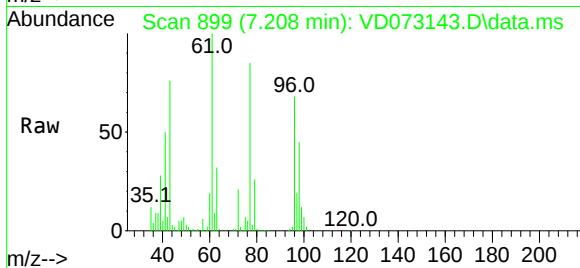
VSTDCCC050

Tgt Ion: 43 Resp: 263834

Ion Ratio Lower Upper

43 100

72 27.7 18.6 27.8



#26

2,2-Dichloropropane

Concen: 49.140 ug/l

RT: 7.208 min Scan# 899

Delta R.T. 0.005 min

Lab File: VD073143.D

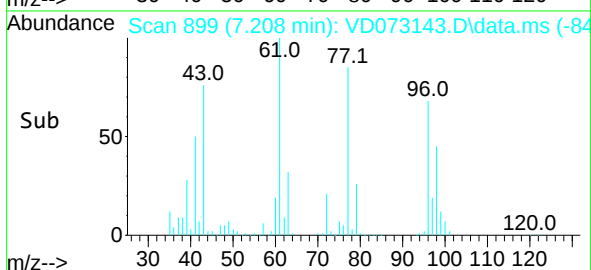
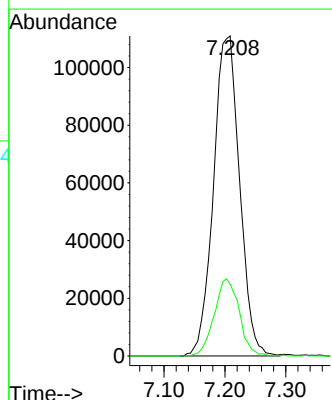
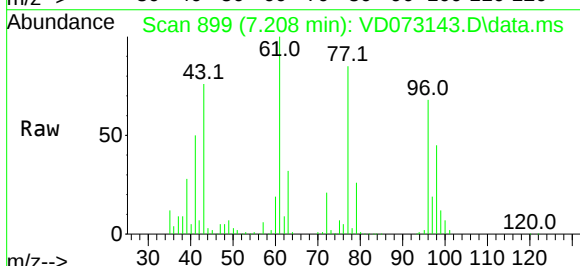
Acq: 19 May 2022 16:57

Tgt Ion: 77 Resp: 330709

Ion Ratio Lower Upper

77 100

97 22.9 10.8 32.4

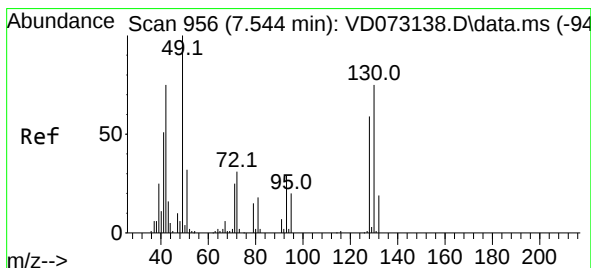
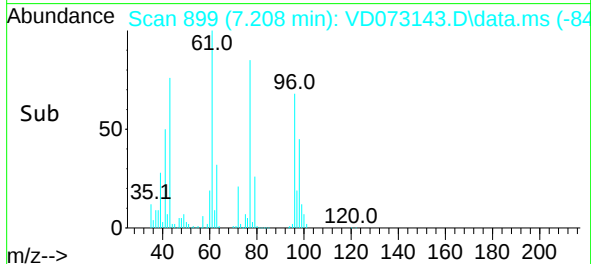
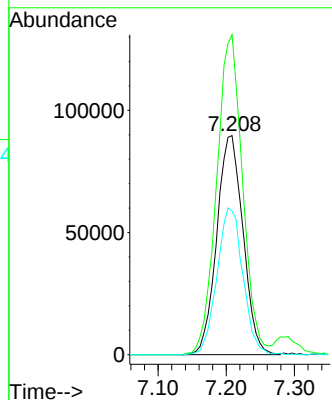
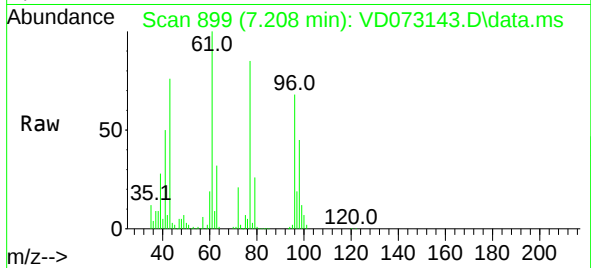




#27
 cis-1,2-Dichloroethene
 Concen: 49.513 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073143.D
 Acq: 19 May 2022 16:57

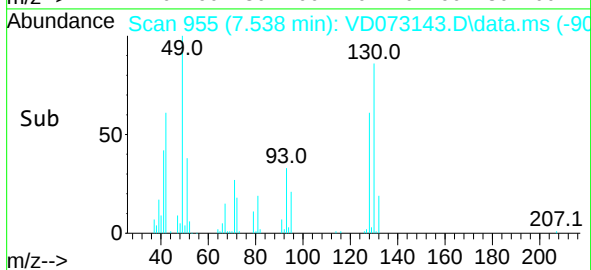
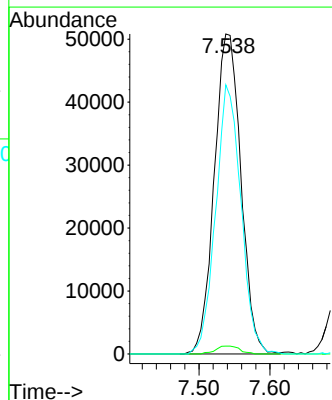
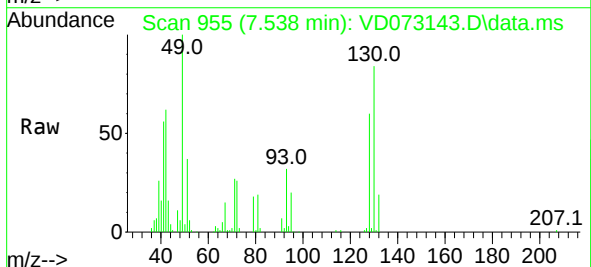
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

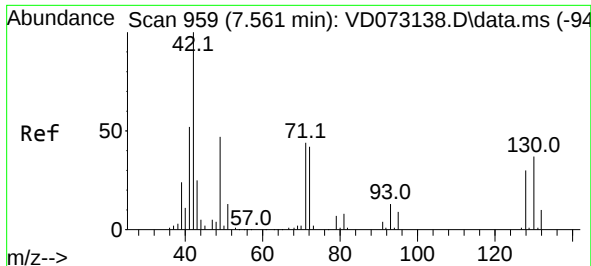
Tgt Ion: 96 Resp: 240675
 Ion Ratio Lower Upper
 96 100
 61 144.1 0.0 313.8
 98 66.0 0.0 128.8



#28
 Bromochloromethane
 Concen: 48.612 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073143.D
 Acq: 19 May 2022 16:57

Tgt Ion: 49 Resp: 132161
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.0
 130 79.9 52.6 79.0#





#29

Tetrahydrofuran

Concen: 261.370 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

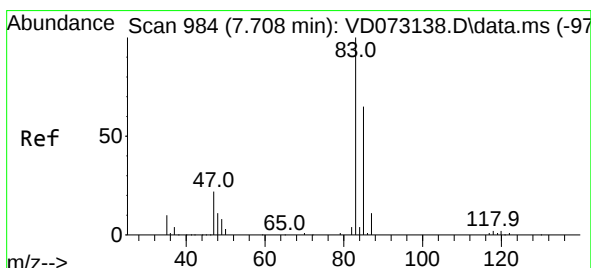
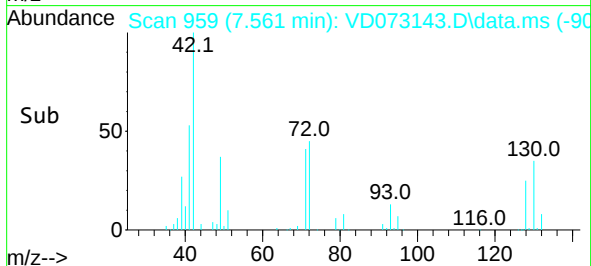
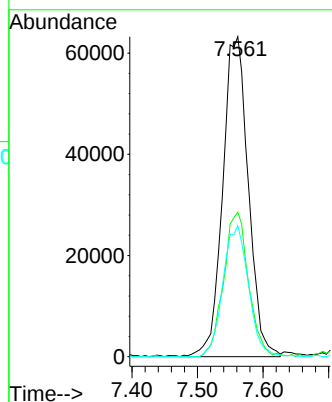
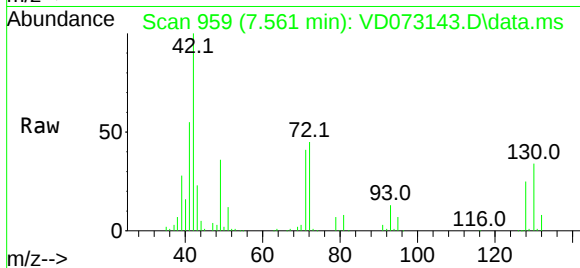
Tgt Ion: 42 Resp: 171119

Ion Ratio Lower Upper

42 100

72 44.2 30.7 46.1

71 41.1 28.6 43.0



#30

Chloroform

Concen: 48.868 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD073143.D

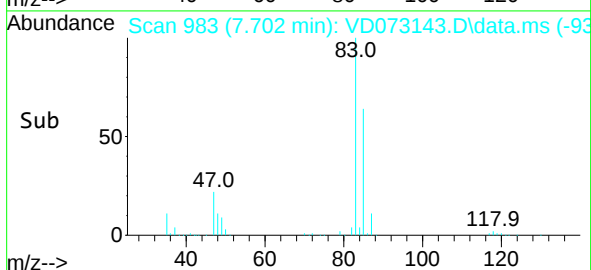
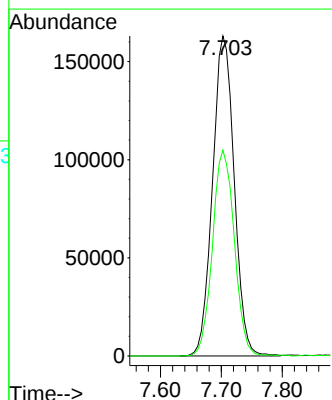
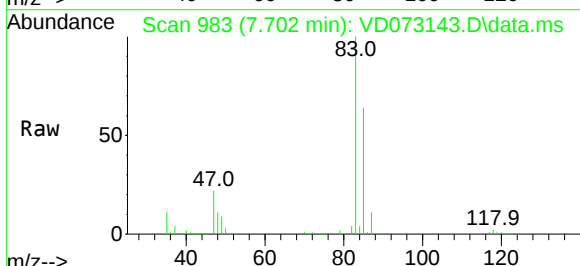
Acq: 19 May 2022 16:57

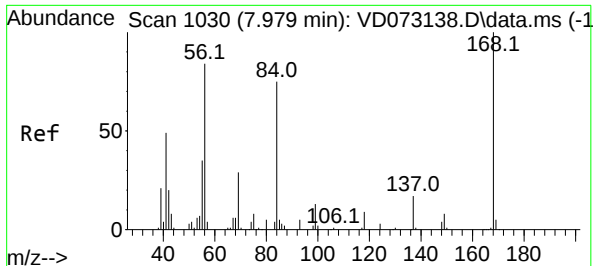
Tgt Ion: 83 Resp: 402602

Ion Ratio Lower Upper

83 100

85 64.3 52.7 79.1





#31

Cyclohexane

Concen: 48.859 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

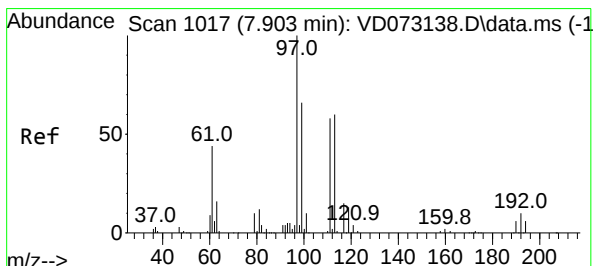
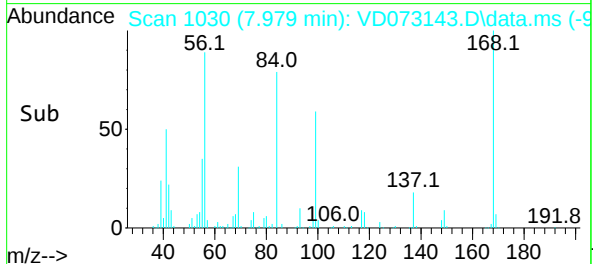
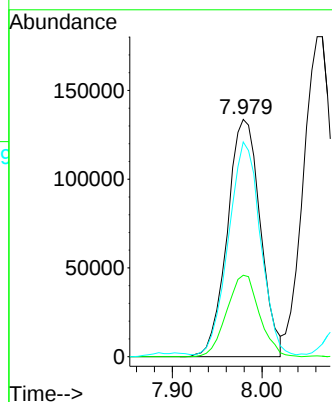
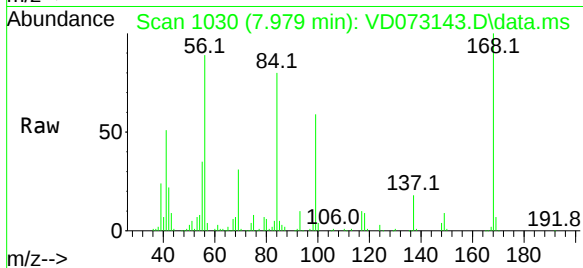
Tgt Ion: 56 Resp: 341141

Ion Ratio Lower Upper

56 100

69 34.3 25.4 38.2

84 89.0 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 48.697 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

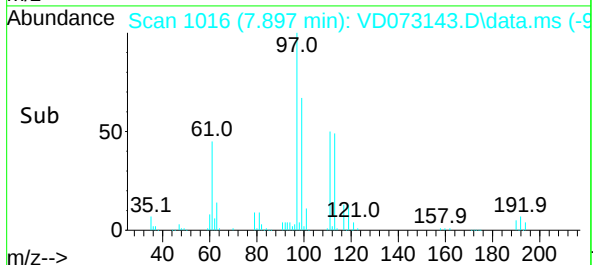
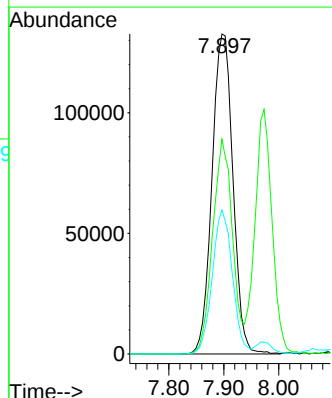
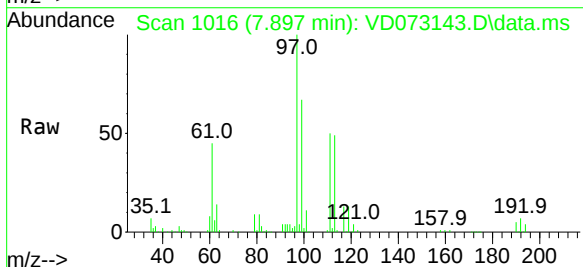
Tgt Ion: 97 Resp: 350891

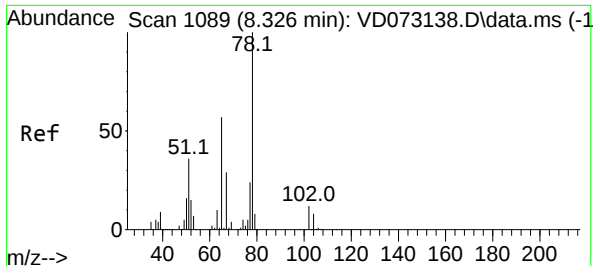
Ion Ratio Lower Upper

97 100

99 64.1 52.4 78.6

61 43.2 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 48.935 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

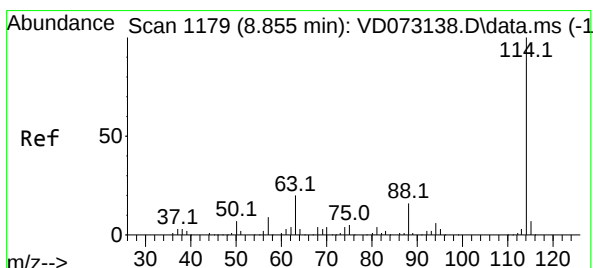
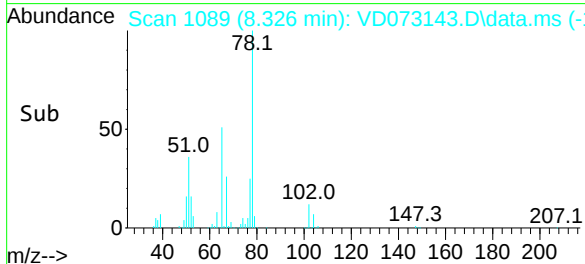
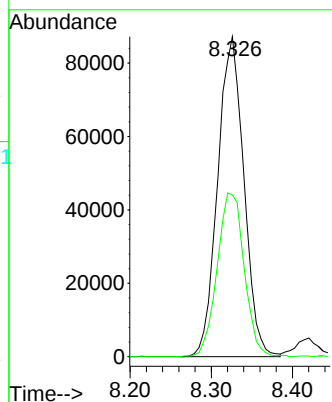
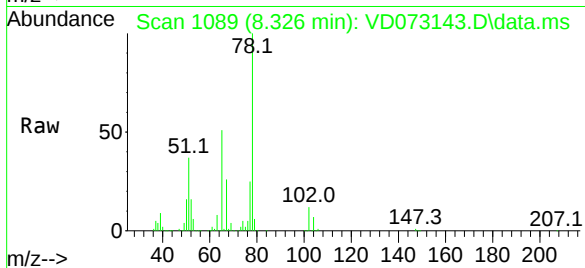
VSTDCCC050

Tgt Ion: 65 Resp: 195518

Ion Ratio Lower Upper

65 100

67 52.8 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: VD073143.D

Acq: 19 May 2022 16:57

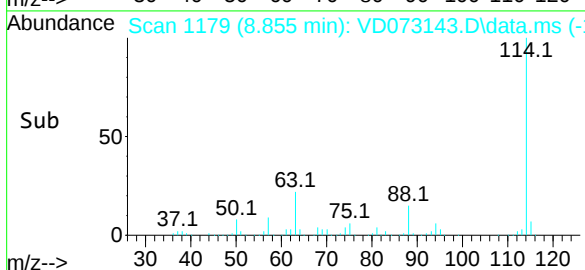
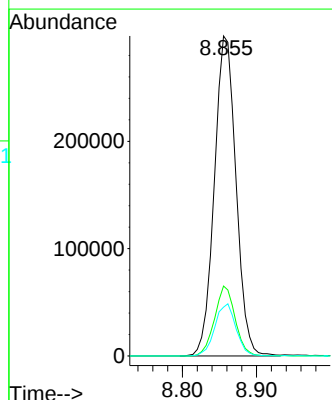
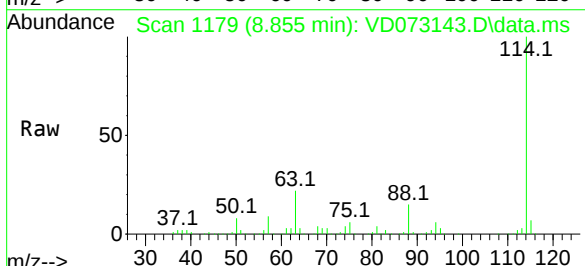
Tgt Ion: 114 Resp: 605654

Ion Ratio Lower Upper

114 100

63 21.9 0.0 46.6

88 15.2 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.668 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

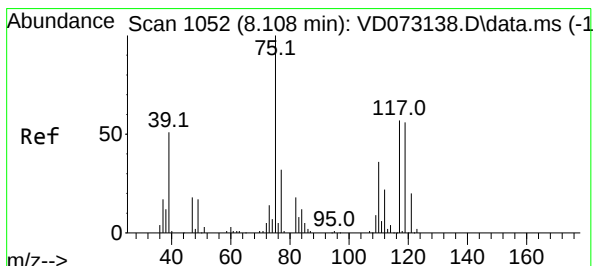
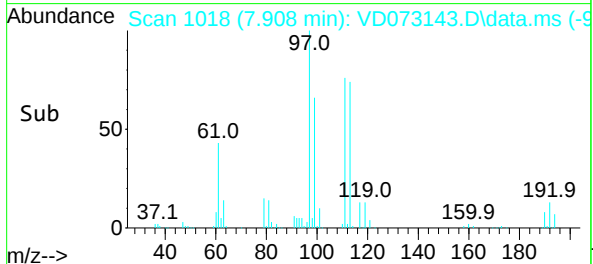
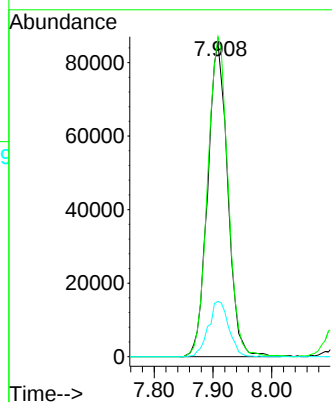
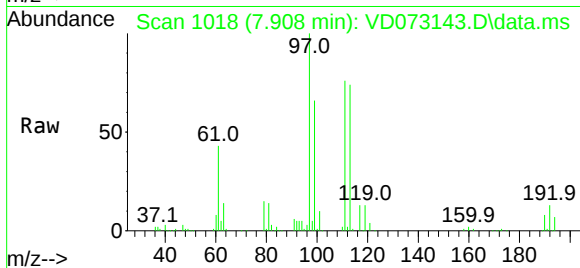
Tgt Ion:113 Resp: 202493

Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 17.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 50.978 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

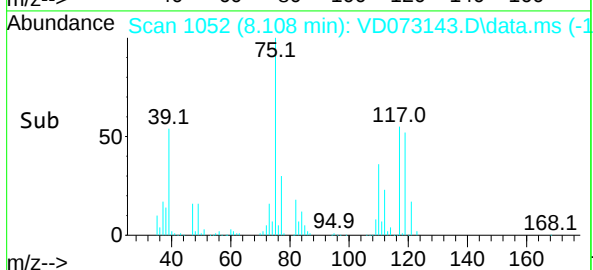
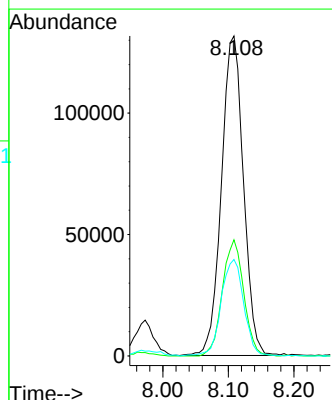
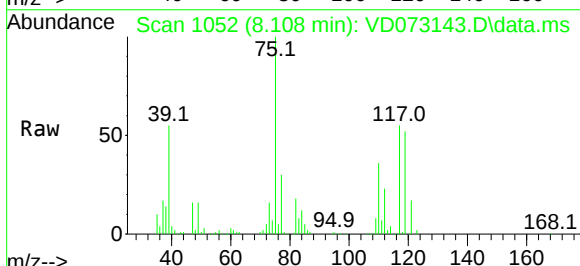
Tgt Ion: 75 Resp: 306412

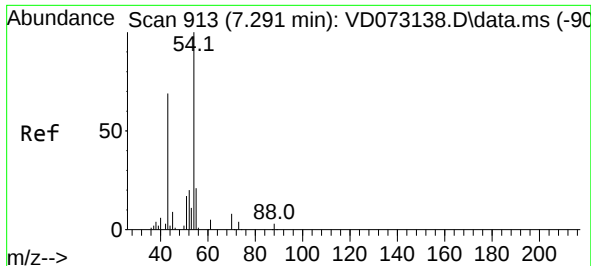
Ion Ratio Lower Upper

75 100

110 35.3 16.4 49.1

77 31.1 24.2 36.2

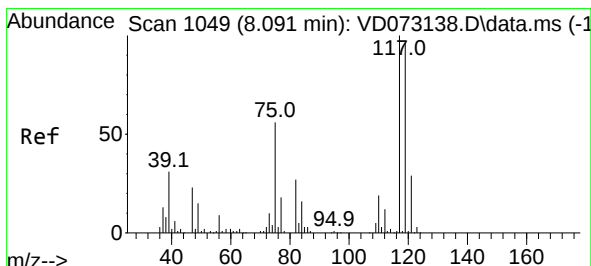
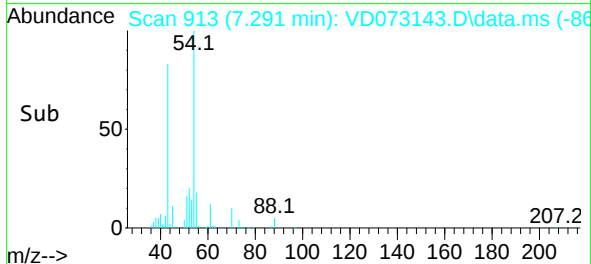
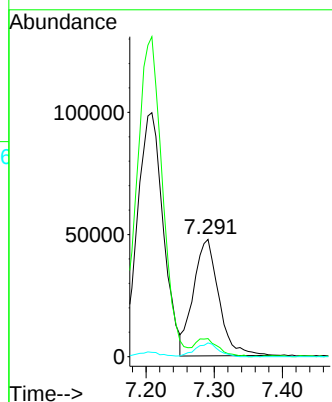
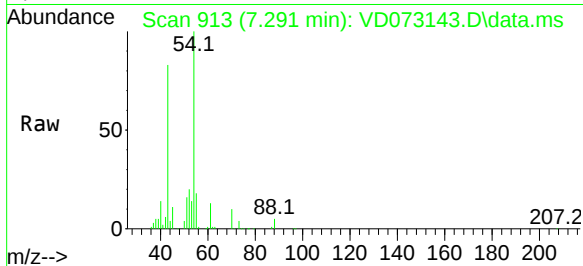




#37
Ethyl Acetate
Concen: 51.913 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

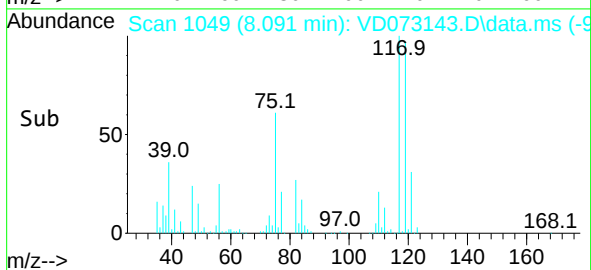
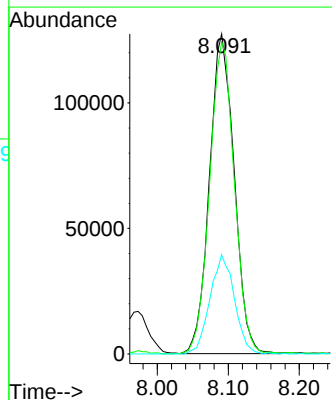
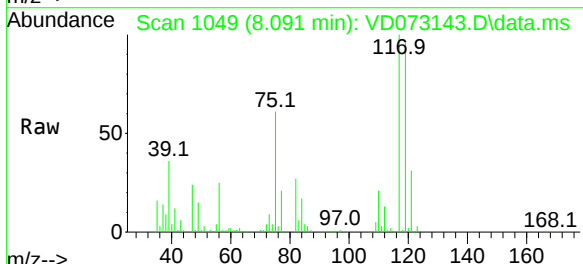
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

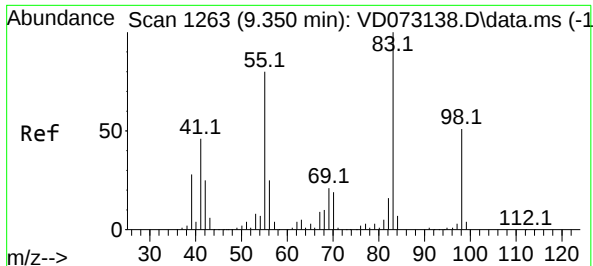
Tgt Ion: 43 Resp: 123250
Ion Ratio Lower Upper
43 100
61 14.6 9.8 14.8
70 10.6 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 50.465 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 117 Resp: 307477
Ion Ratio Lower Upper
117 100
119 97.4 75.8 113.6
121 31.1 24.5 36.7





#39

Methylcyclohexane

Concen: 53.327 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

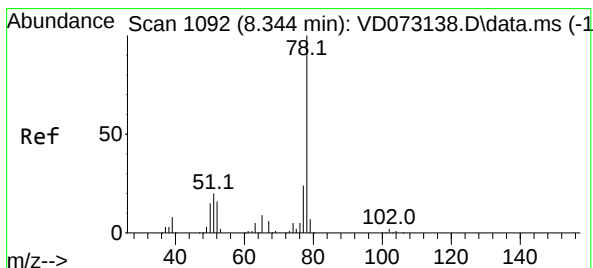
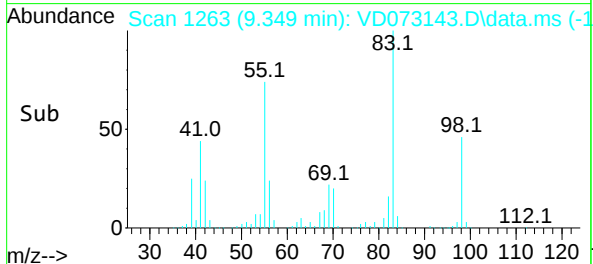
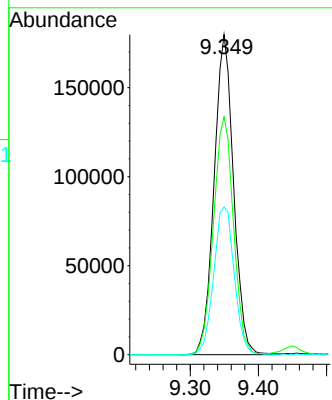
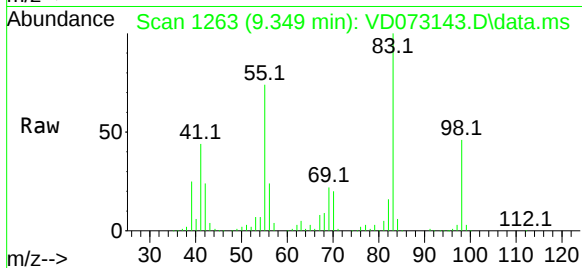
Tgt Ion: 83 Resp: 357221

Ion Ratio Lower Upper

83 100

55 74.3 63.2 94.8

98 46.2 38.2 57.4



#40

Benzene

Concen: 50.283 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073143.D

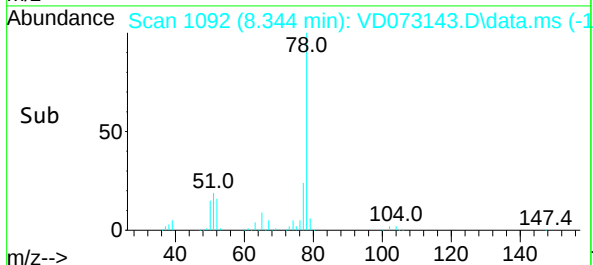
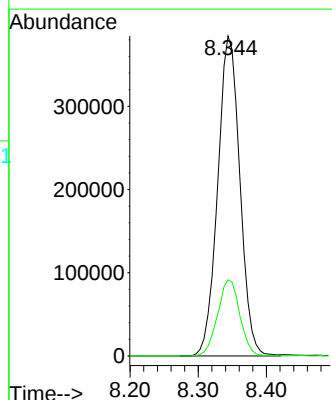
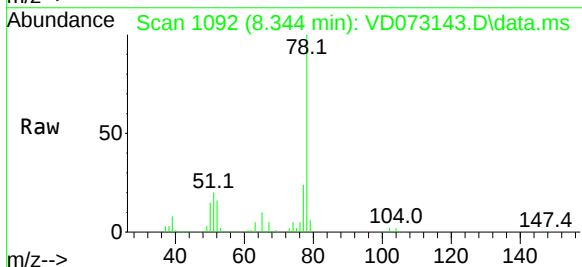
Acq: 19 May 2022 16:57

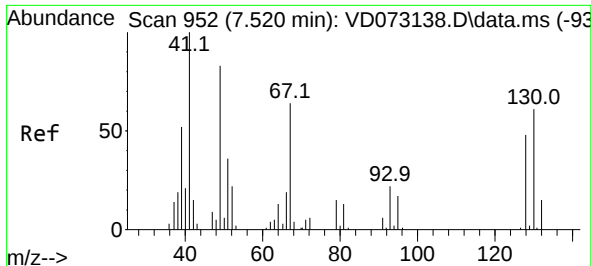
Tgt Ion: 78 Resp: 871038

Ion Ratio Lower Upper

78 100

77 23.8 19.1 28.7

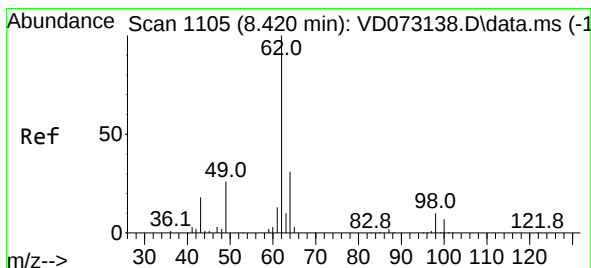
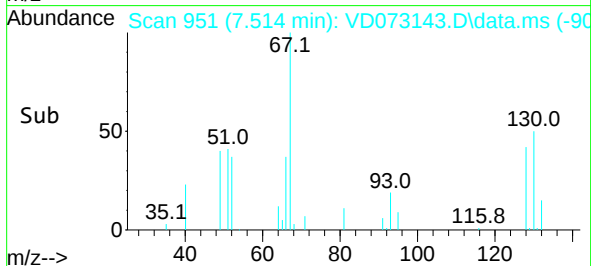
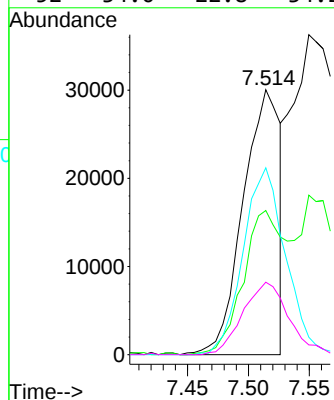
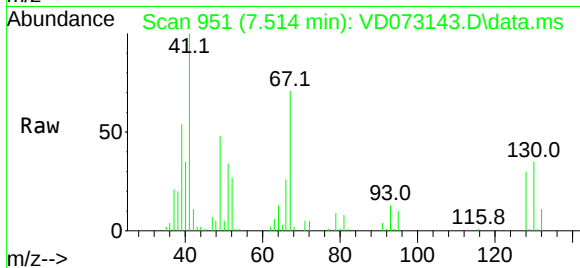




#41
Methacrylonitrile
Concen: 45.849 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

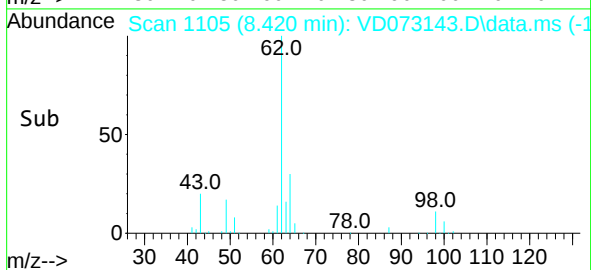
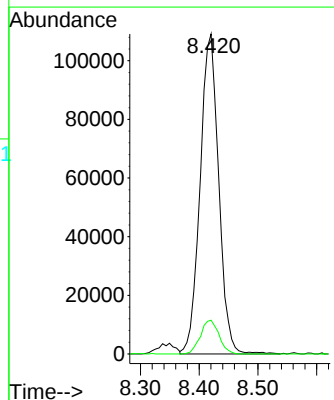
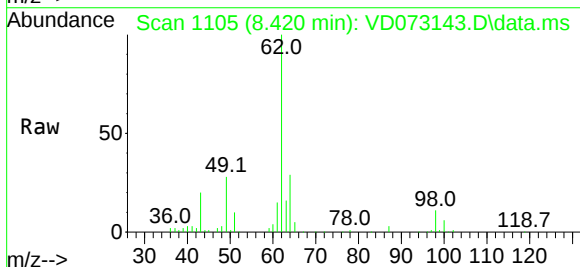
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

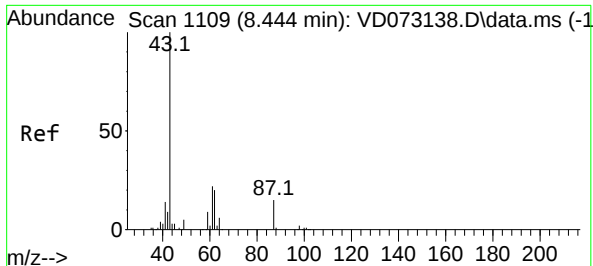
Tgt Ion:	41	Resp:	63422
Ion	Ratio	Lower	Upper
41	100		
39	60.5	44.6	67.0
67	81.2	48.2	72.4#
52	34.0	22.8	34.2



#42
1,2-Dichloroethane
Concen: 49.728 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion:	62	Resp:	239690
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	17.6

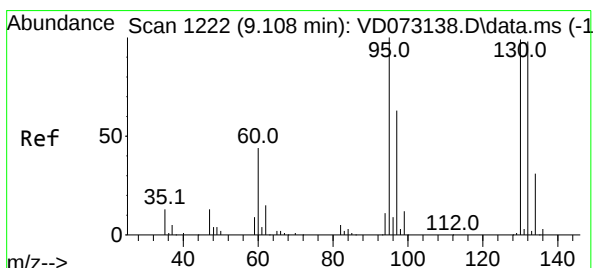
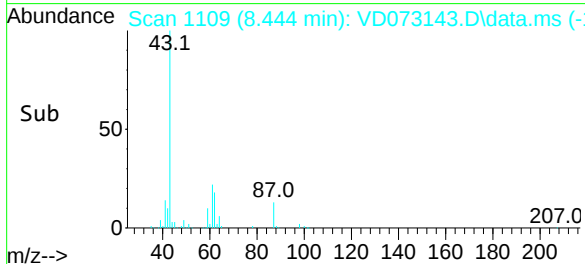
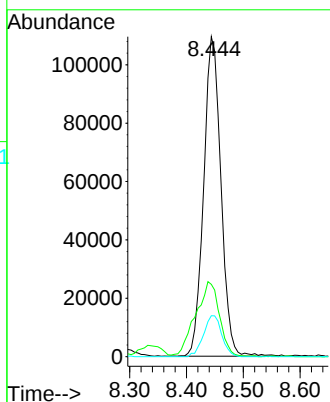
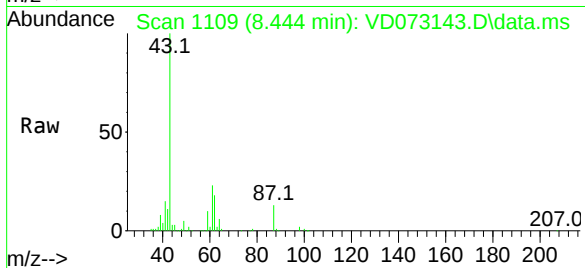




#43
Isopropyl Acetate
Concen: 52.585 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

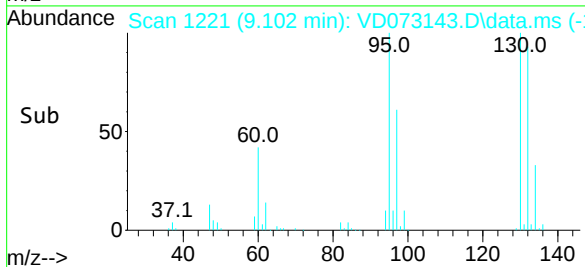
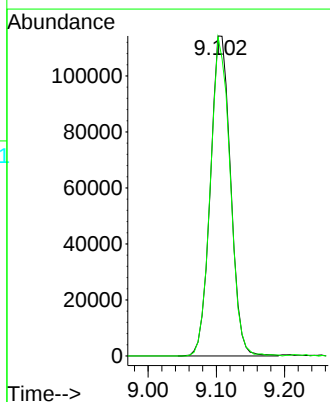
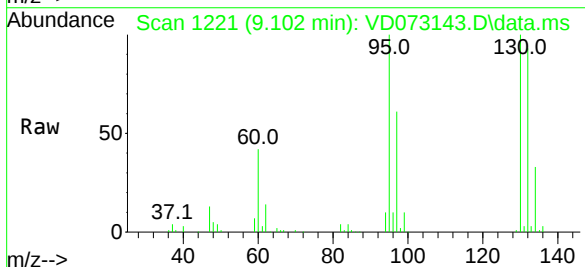
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

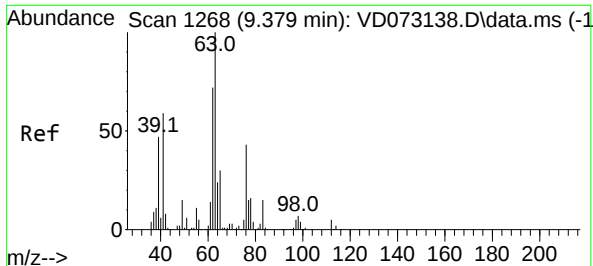
Tgt Ion: 43 Resp: 230764
Ion Ratio Lower Upper
43 100
61 32.6 22.4 33.6
87 13.6 8.7 13.1#



#44
Trichloroethene
Concen: 51.008 ug/l
RT: 9.102 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion:130 Resp: 235626
Ion Ratio Lower Upper
130 100
95 99.5 0.0 205.4





#45

1,2-Dichloropropane

Concen: 49.776 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

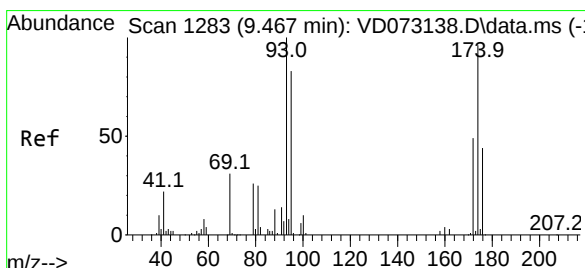
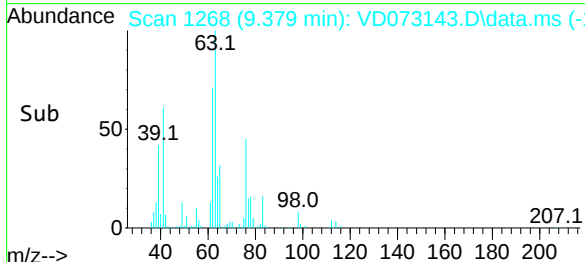
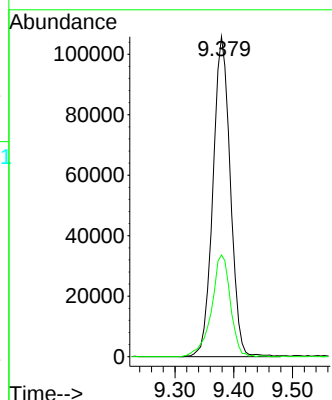
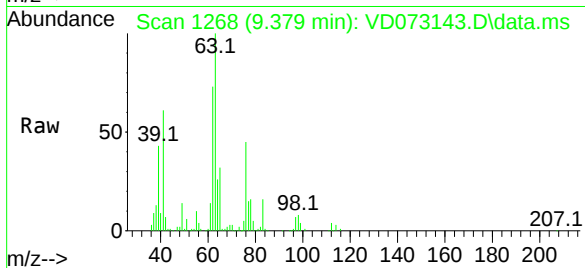
VSTDCCC050

Tgt Ion: 63 Resp: 217152

Ion Ratio Lower Upper

63 100

65 31.8 26.2 39.4



#46

Dibromomethane

Concen: 49.828 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

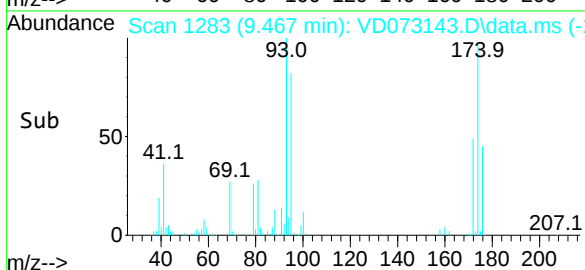
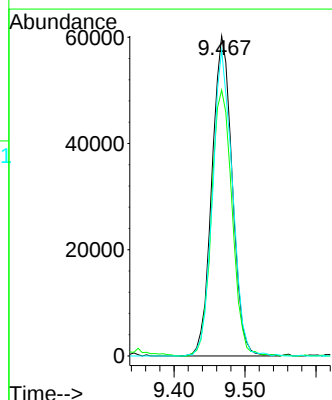
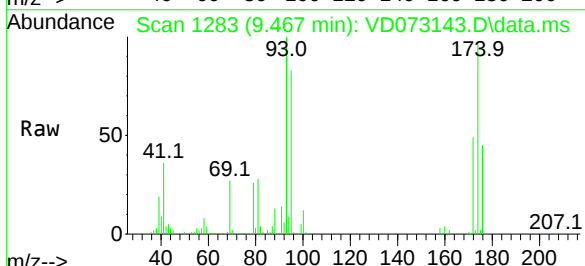
Tgt Ion: 93 Resp: 119387

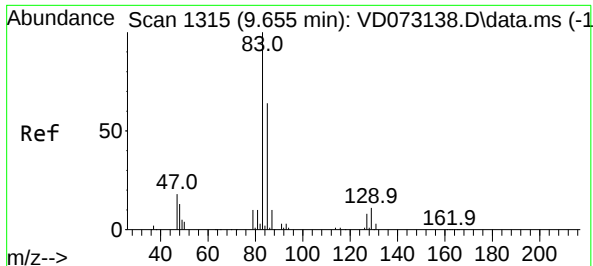
Ion Ratio Lower Upper

93 100

95 84.2 66.7 100.1

174 93.3 71.6 107.4

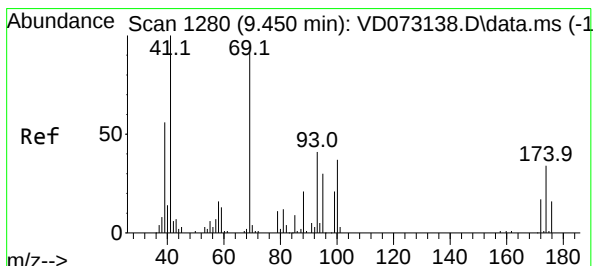
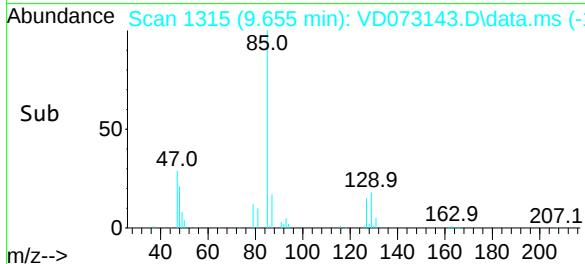
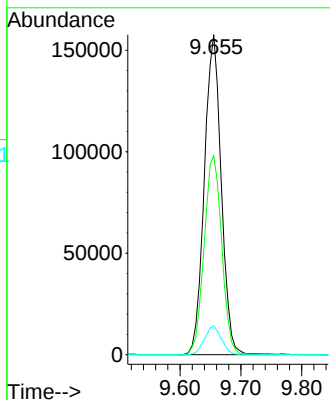
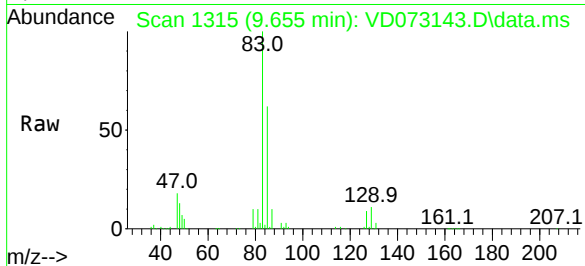




#47
Bromodichloromethane
Concen: 49.544 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

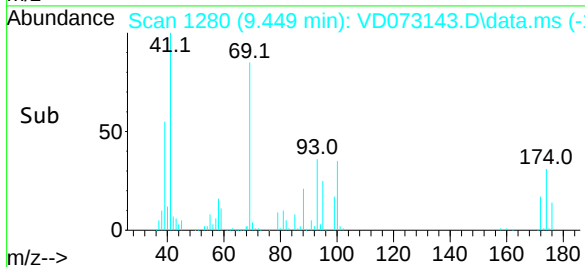
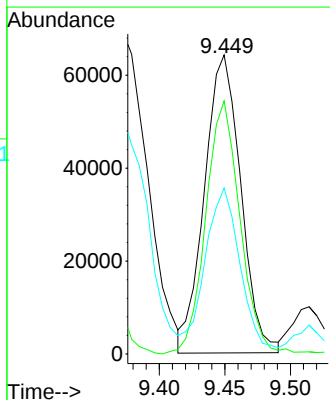
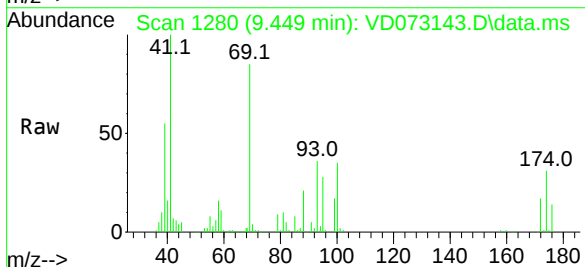
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

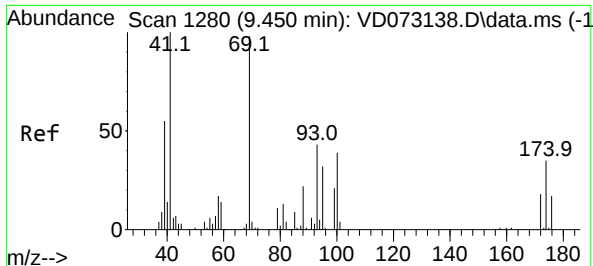
Tgt Ion: 83 Resp: 303735
Ion Ratio Lower Upper
83 100
85 62.1 51.4 77.0
127 9.0 6.1 9.1



#48
Methyl methacrylate
Concen: 55.993 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 41 Resp: 123624
Ion Ratio Lower Upper
41 100
69 80.3 56.7 85.1
39 49.7 42.7 64.1





#49

1,4-Dioxane

Concen: 1022.046 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.001 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

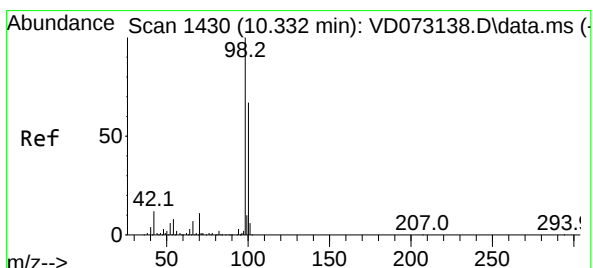
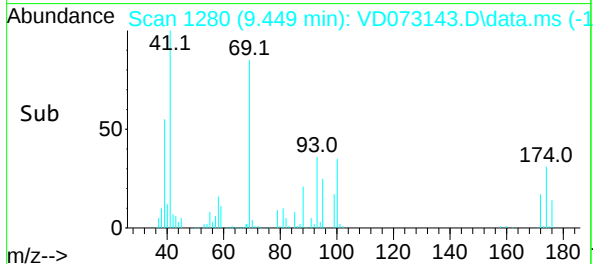
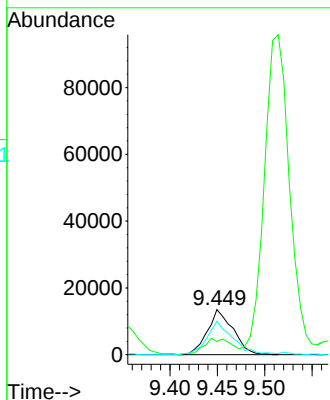
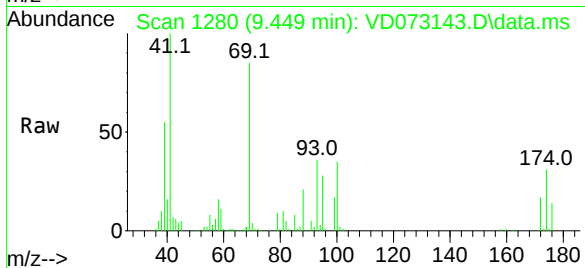
Tgt Ion: 88 Resp: 25289

Ion Ratio Lower Upper

88 100

43 39.0 31.0 46.4

58 75.4 58.1 87.1



#50

Toluene-d8

Concen: 51.560 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073143.D

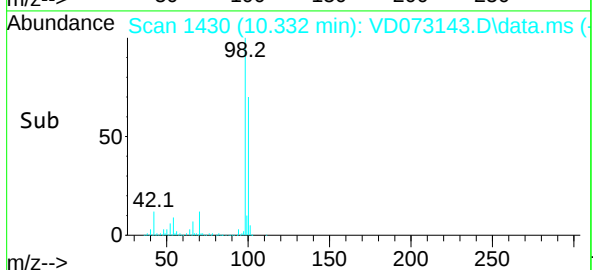
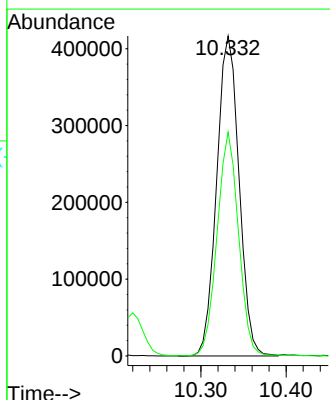
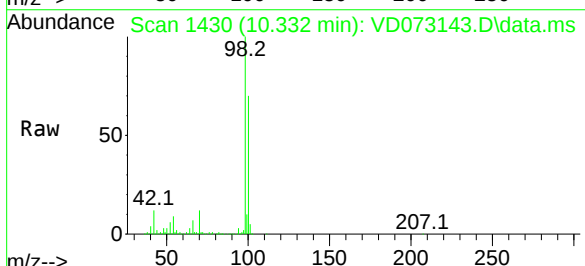
Acq: 19 May 2022 16:57

Tgt Ion: 98 Resp: 759582

Ion Ratio Lower Upper

98 100

100 67.2 52.4 78.6

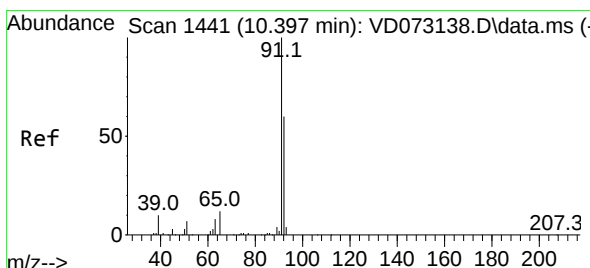
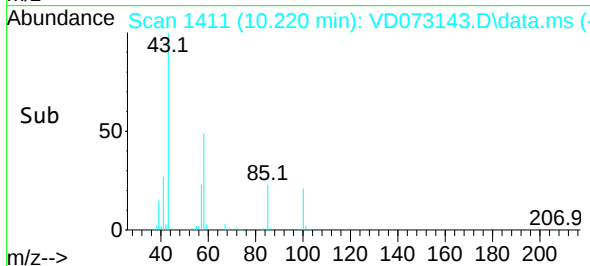
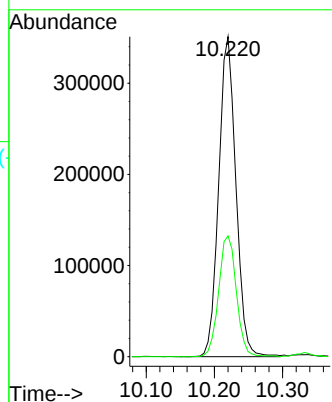
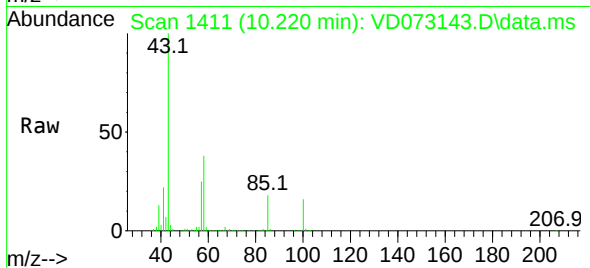




#51
4-Methyl-2-Pentanone
Concen: 270.618 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

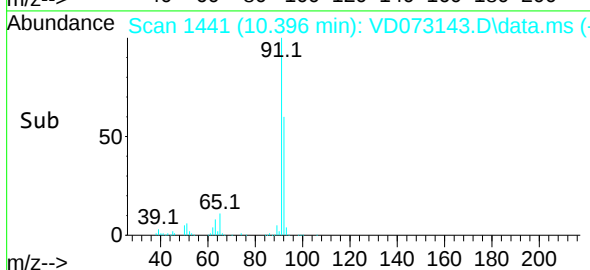
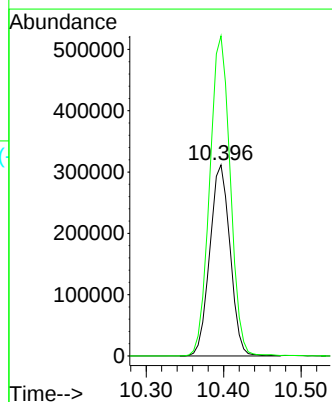
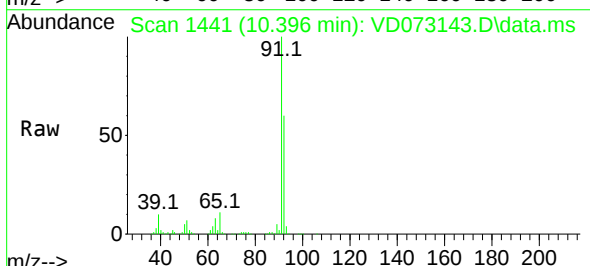
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

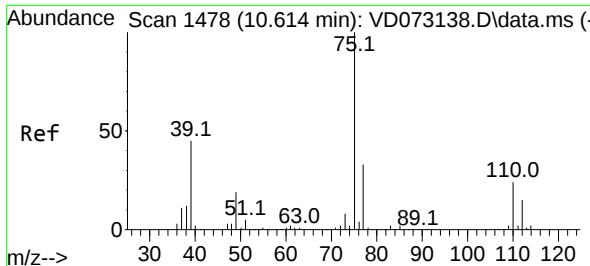
Tgt Ion: 43 Resp: 616801
Ion Ratio Lower Upper
43 100
58 38.9 28.6 43.0



#52
Toluene
Concen: 51.722 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 92 Resp: 566182
Ion Ratio Lower Upper
92 100
91 170.2 139.6 209.4

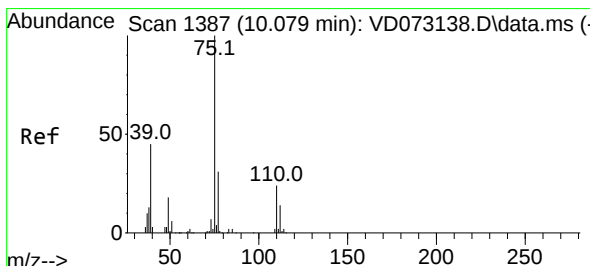
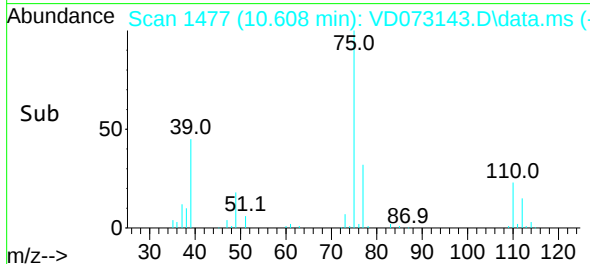
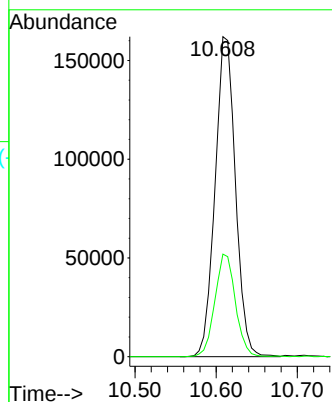
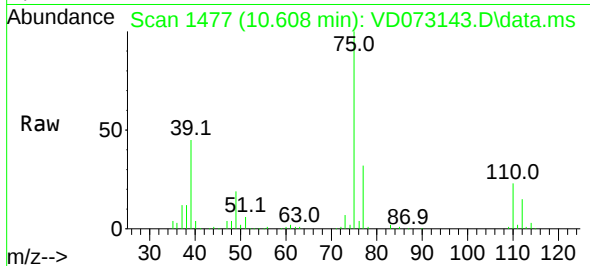




#53
t-1,3-Dichloropropene
Concen: 51.147 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

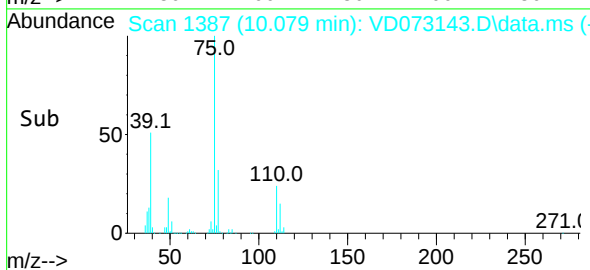
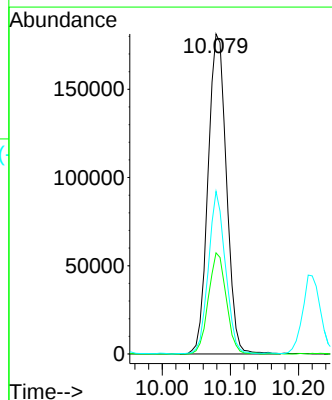
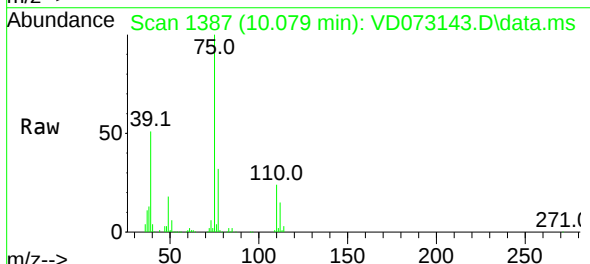
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

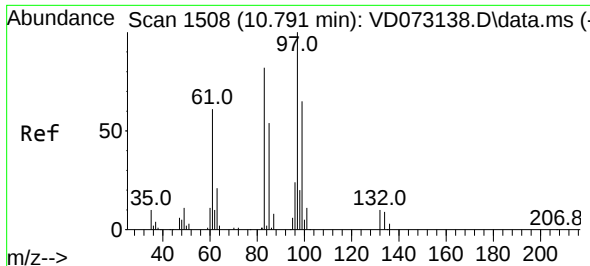
Tgt Ion: 75 Resp: 283282
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 51.409 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 75 Resp: 340734
Ion Ratio Lower Upper
75 100
77 31.6 24.8 37.2
39 50.7 46.8 70.2

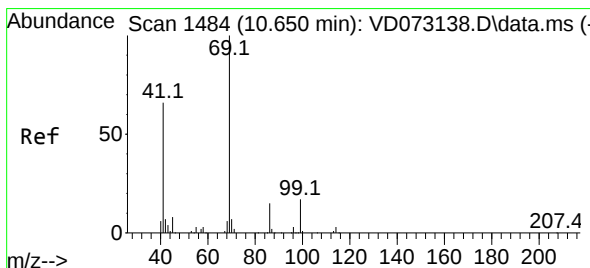
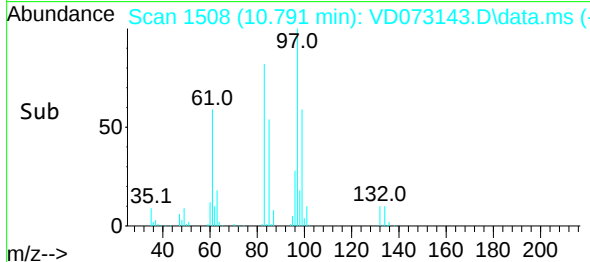
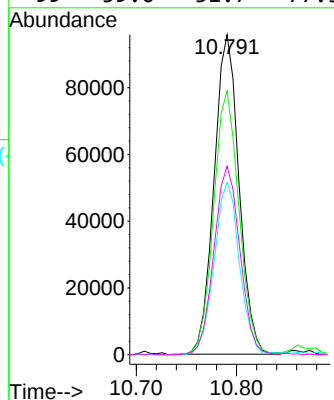
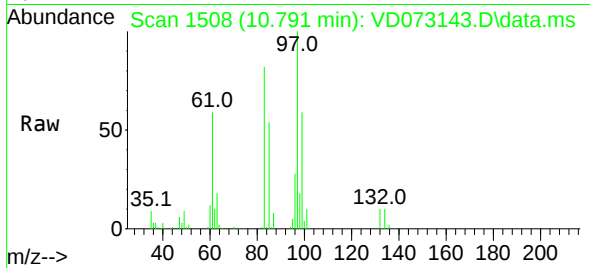




#55
1,1,2-Trichloroethane
Concen: 50.960 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

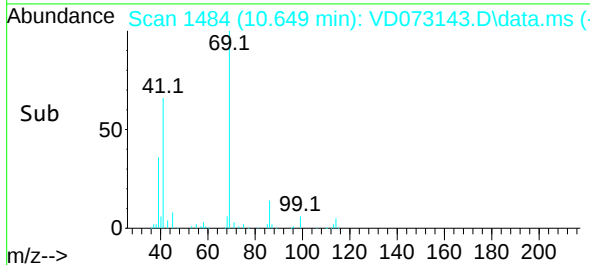
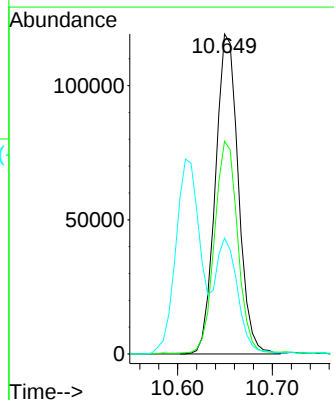
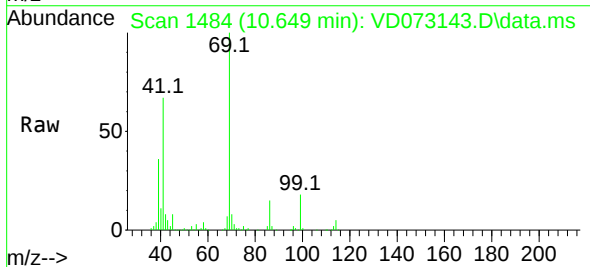
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

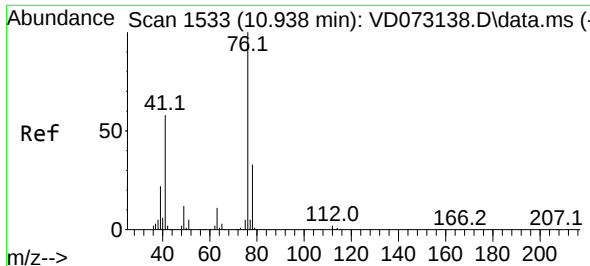
Tgt Ion: 97	Resp: 165112
Ion Ratio	Lower Upper
97 100	
83 82.5	69.0 103.4
85 54.0	42.6 63.8
99 59.0	51.7 77.5



#56
Ethyl methacrylate
Concen: 55.613 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.001 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 69	Resp: 200340
Ion Ratio	Lower Upper
69 100	
41 68.6	63.0 94.6
39 34.9	33.8 50.8





#57

1,3-Dichloropropane

Concen: 51.522 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

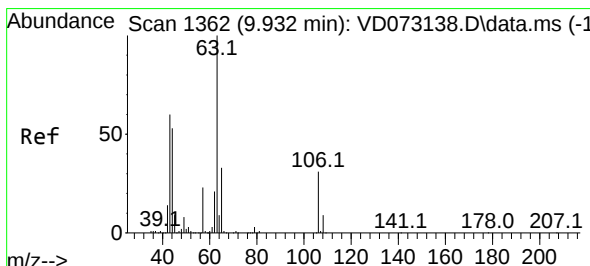
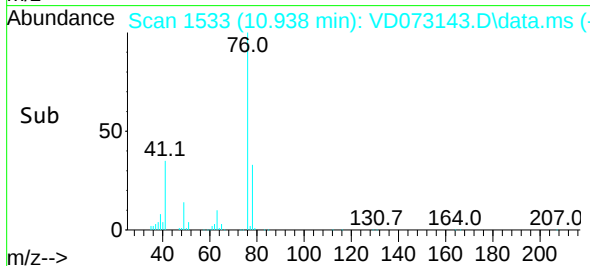
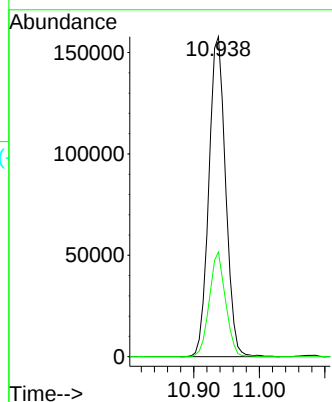
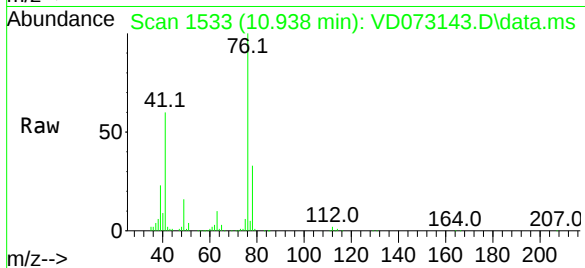
VSTDCCC050

Tgt Ion: 76 Resp: 280097

Ion Ratio Lower Upper

76 100

78 31.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 246.809 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073143.D

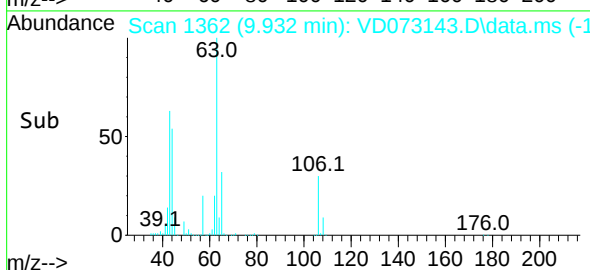
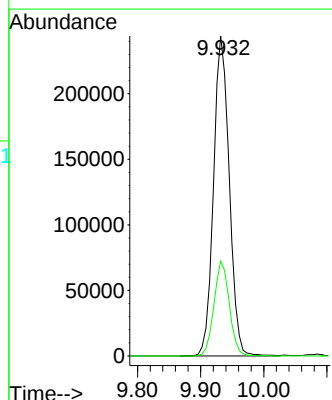
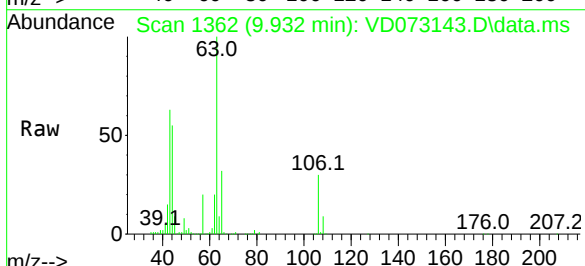
Acq: 19 May 2022 16:57

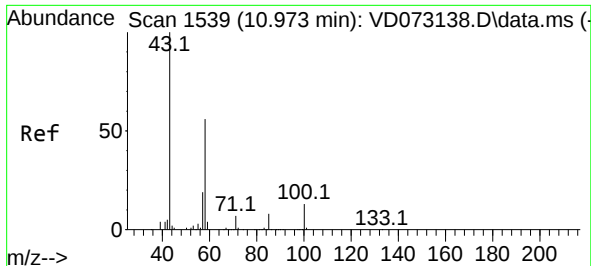
Tgt Ion: 63 Resp: 421898

Ion Ratio Lower Upper

63 100

106 28.8 21.4 32.0

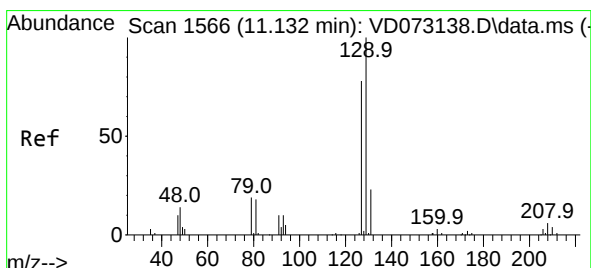
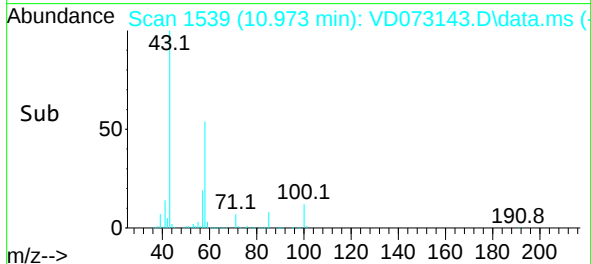
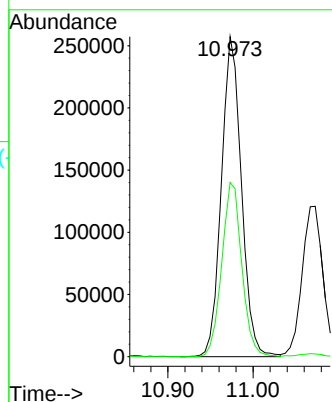
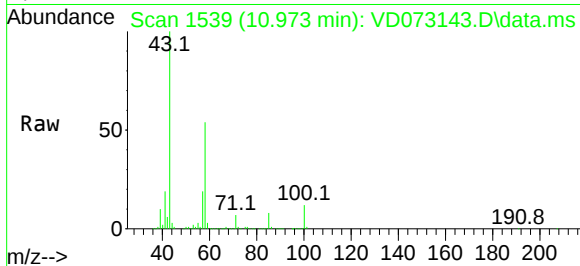




#59
2-Hexanone
Concen: 279.921 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

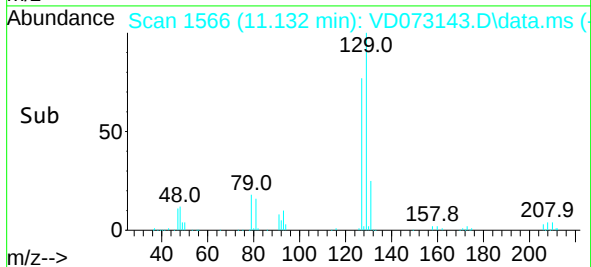
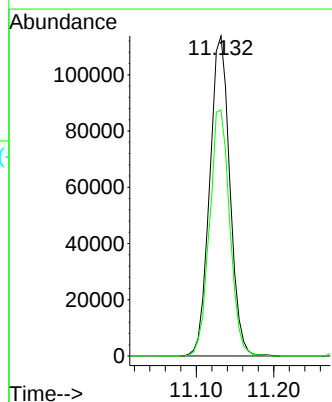
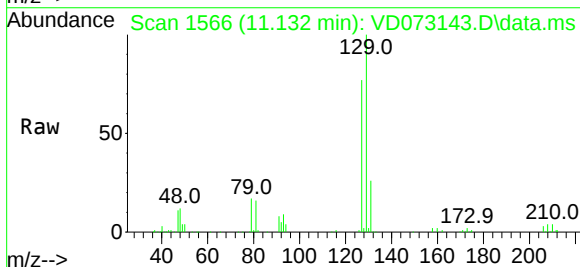
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

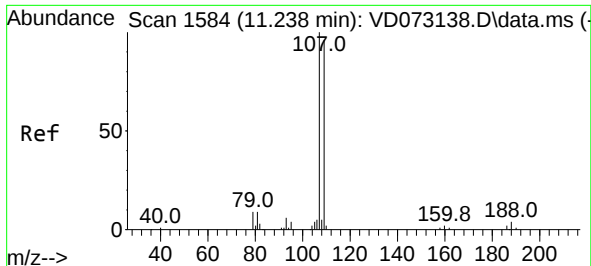
Tgt Ion: 43 Resp: 420627
Ion Ratio Lower Upper
43 100
58 54.5 25.3 75.9



#60
Dibromochloromethane
Concen: 50.855 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 129 Resp: 205458
Ion Ratio Lower Upper
129 100
127 77.2 39.2 117.6

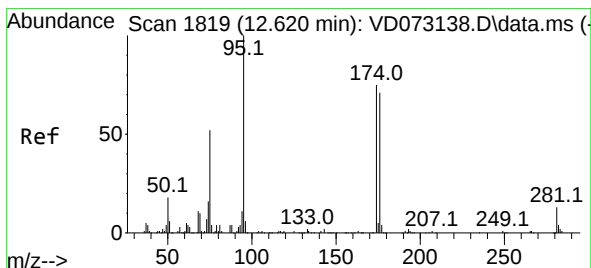
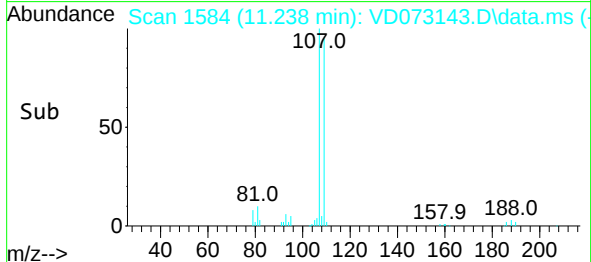
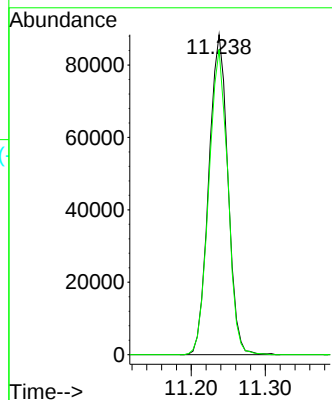
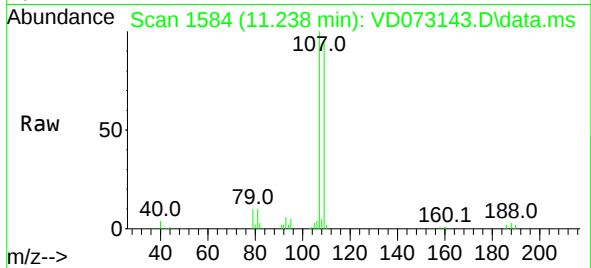




#61
1,2-Dibromoethane
Concen: 51.016 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

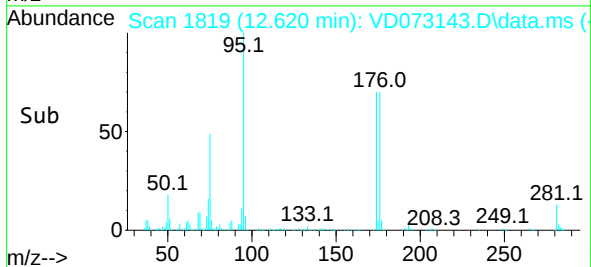
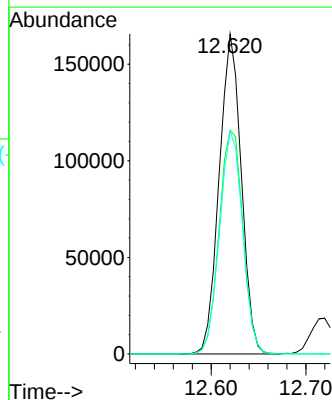
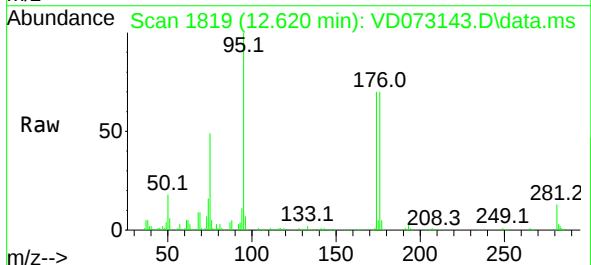
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

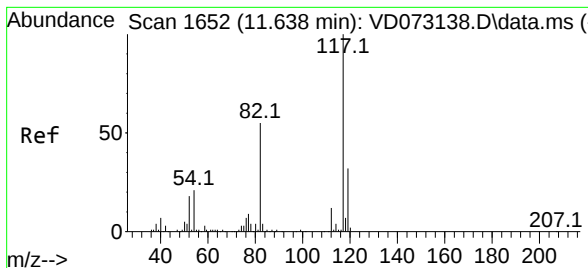
Tgt Ion:107 Resp: 157950
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 51.973 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 95 Resp: 268707
Ion Ratio Lower Upper
95 100
174 75.1 0.0 152.8
176 72.6 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

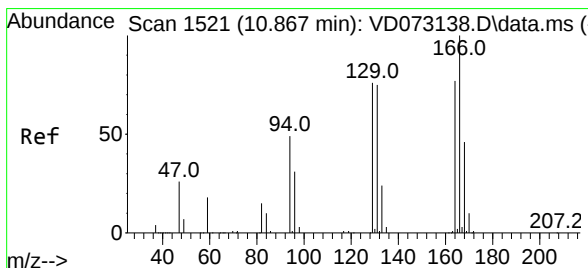
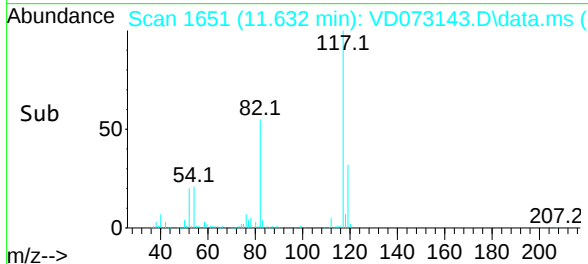
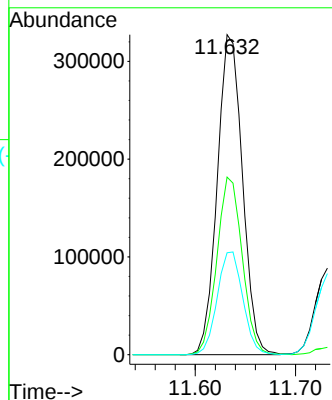
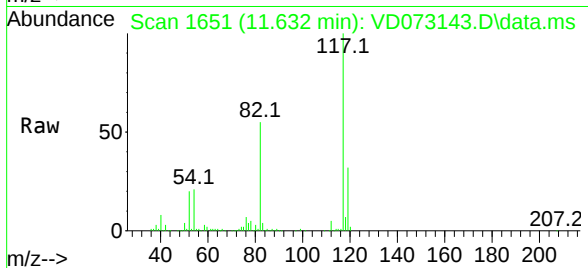
Tgt Ion:117 Resp: 571096

Ion Ratio Lower Upper

117 100

82 55.5 45.3 67.9

119 31.9 26.6 40.0



#64

Tetrachloroethene

Concen: 50.418 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Tgt Ion:164 Resp: 188590

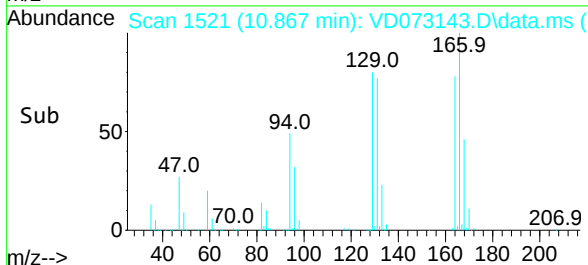
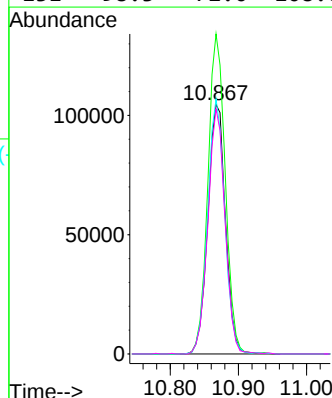
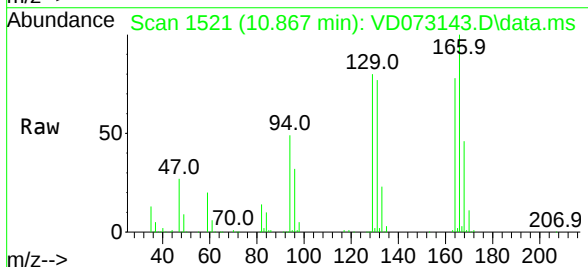
Ion Ratio Lower Upper

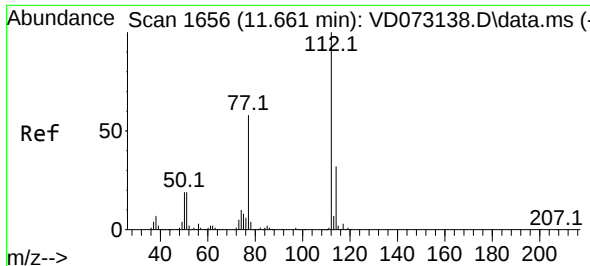
164 100

166 128.3 98.5 147.7

129 102.2 74.6 111.8

131 98.3 72.0 108.0

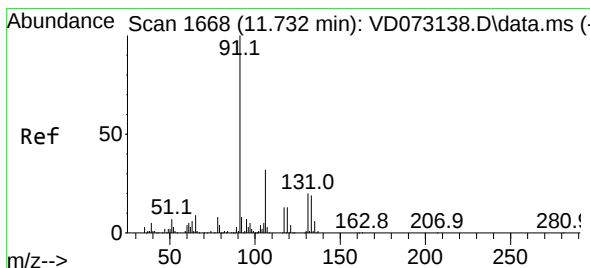
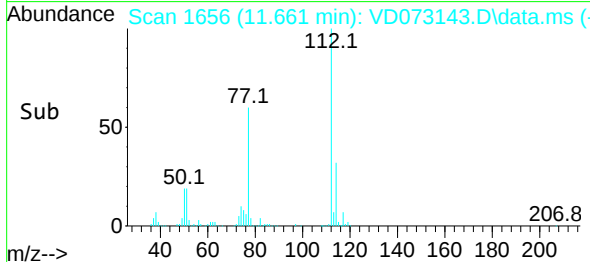
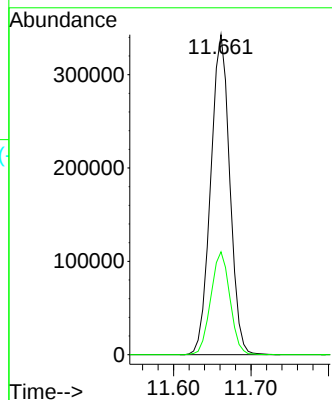
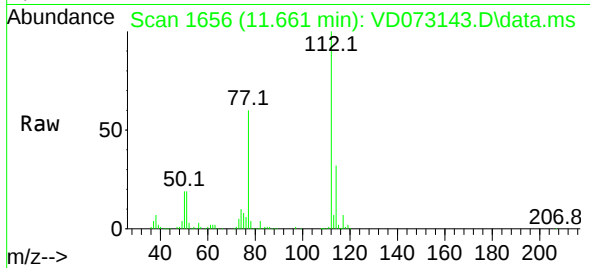




#65
Chlorobenzene
Concen: 50.205 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

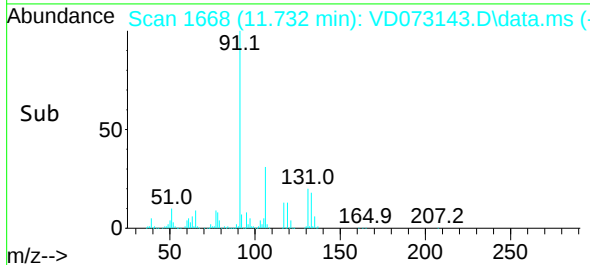
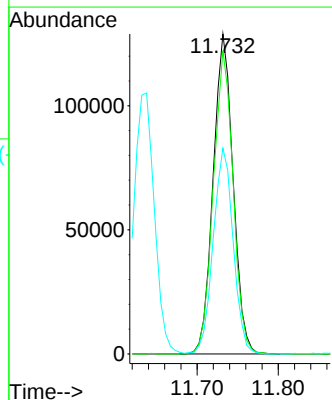
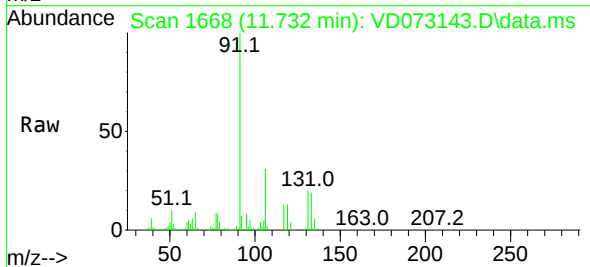
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

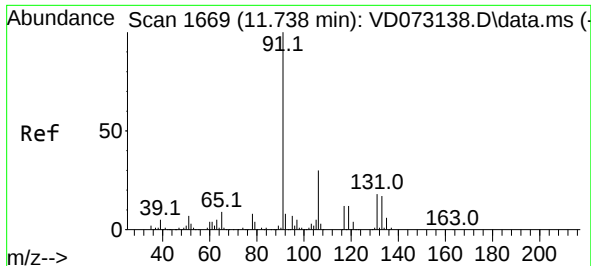
Tgt Ion:112 Resp: 588201
Ion Ratio Lower Upper
112 100
114 32.2 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.626 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion:131 Resp: 219975
Ion Ratio Lower Upper
131 100
133 94.1 48.1 144.3
119 64.5 31.9 95.9





#67

Ethyl Benzene

Concen: 52.741 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.006 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

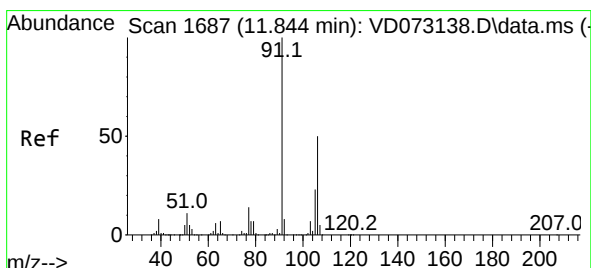
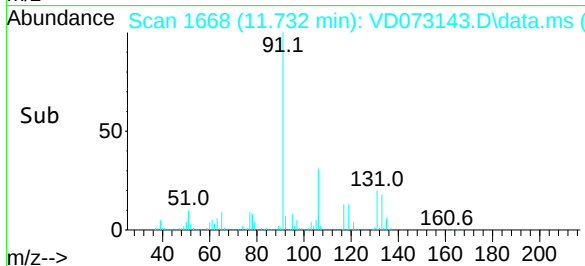
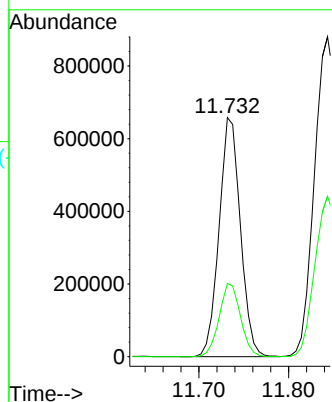
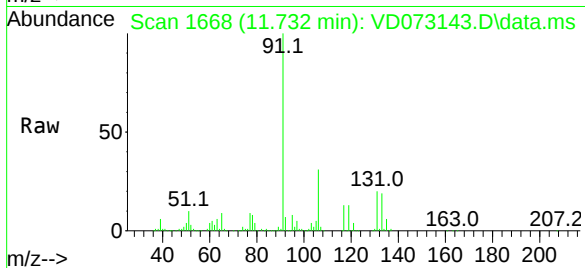
VSTDCCC050

Tgt Ion: 91 Resp: 1084715

Ion Ratio Lower Upper

91 100

106 30.7 24.2 36.4



#68

m/p-Xylenes

Concen: 105.792 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.001 min

Lab File: VD073143.D

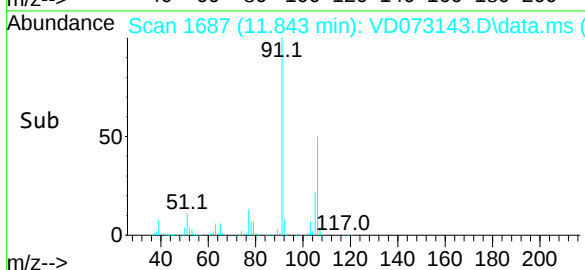
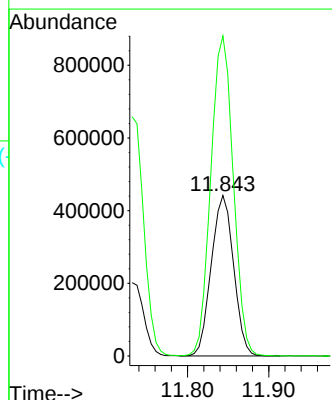
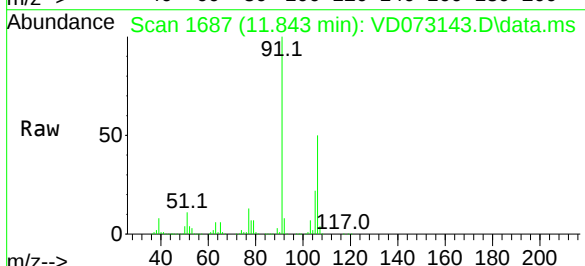
Acq: 19 May 2022 16:57

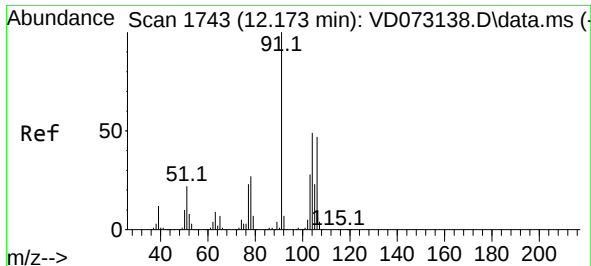
Tgt Ion:106 Resp: 845330

Ion Ratio Lower Upper

106 100

91 200.2 163.7 245.5

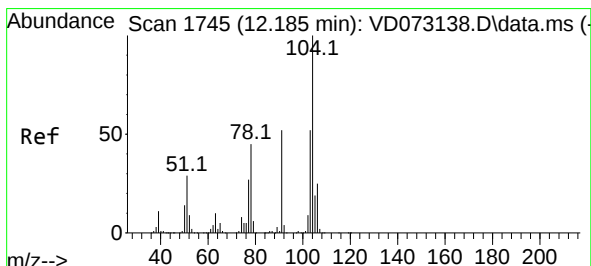
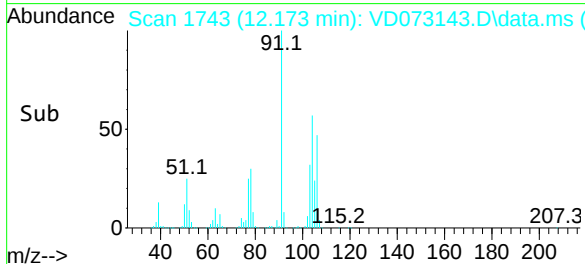
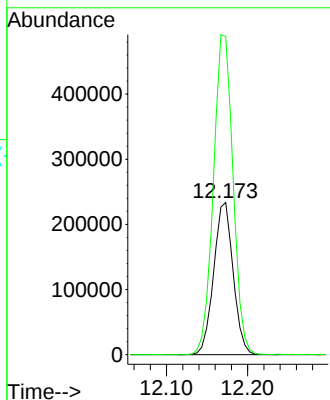
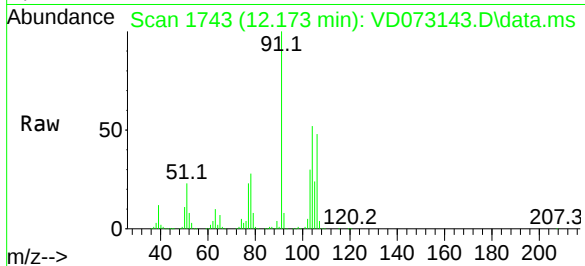




#69
o-Xylene
Concen: 52.997 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

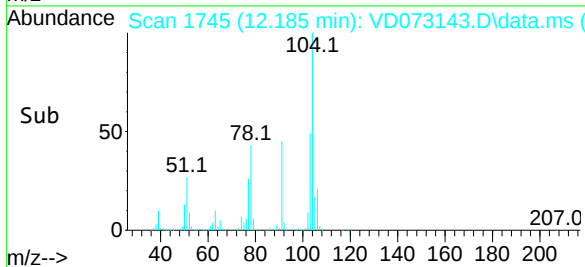
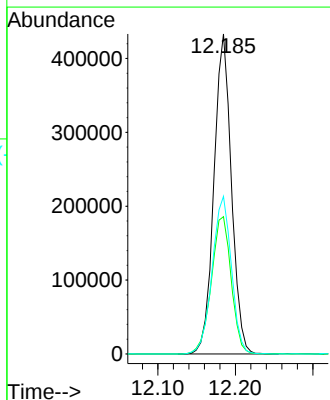
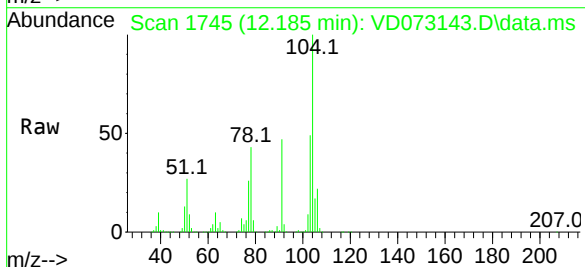
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

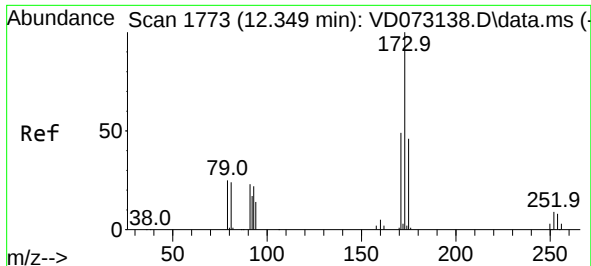
Tgt Ion:106 Resp: 389025
Ion Ratio Lower Upper
106 100
91 212.8 110.4 331.2



#70
Styrene
Concen: 53.804 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion:104 Resp: 679495
Ion Ratio Lower Upper
104 100
78 48.7 41.8 62.8
103 54.0 44.2 66.4

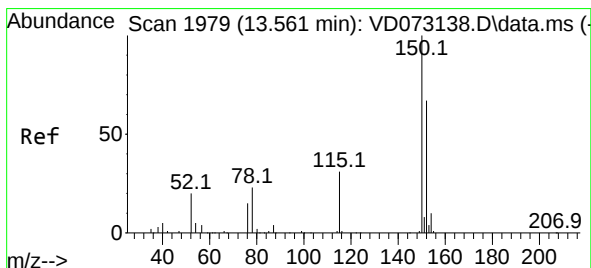
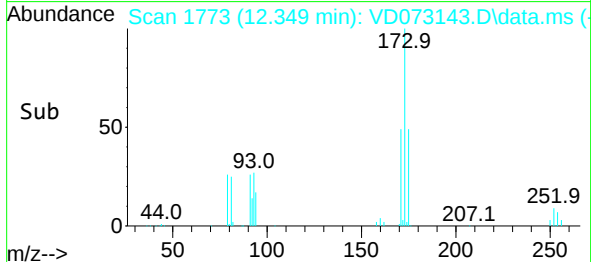
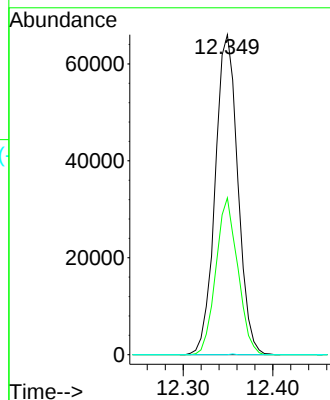
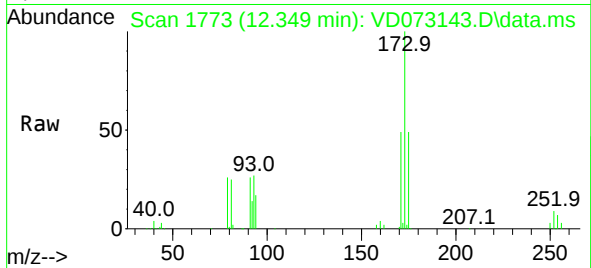




#71
Bromoform
Concen: 51.711 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

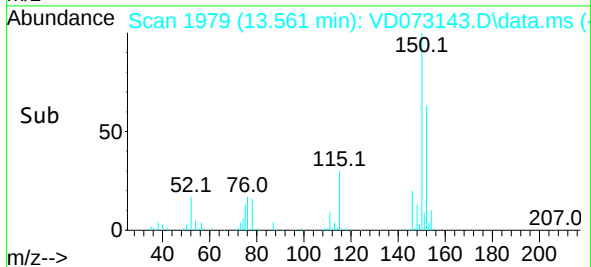
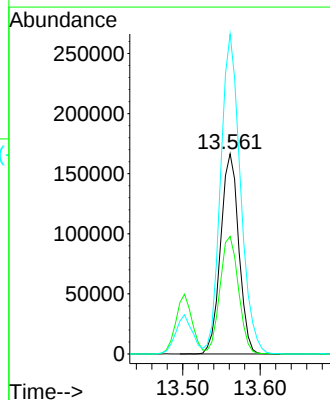
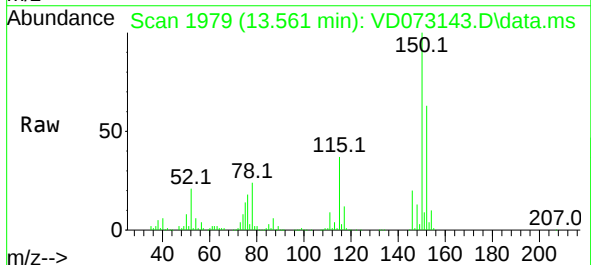
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

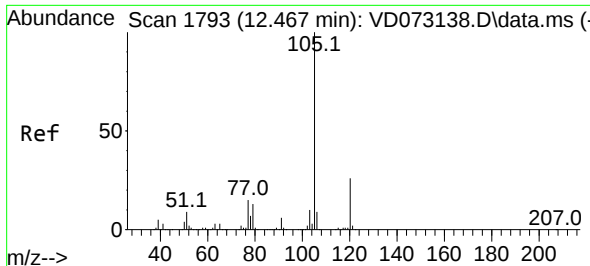
Tgt Ion:173 Resp: 115640
Ion Ratio Lower Upper
173 100
175 47.3 23.9 71.8
254 0.0 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion:152 Resp: 272011
Ion Ratio Lower Upper
152 100
115 60.2 31.3 93.8
150 173.8 0.0 348.6

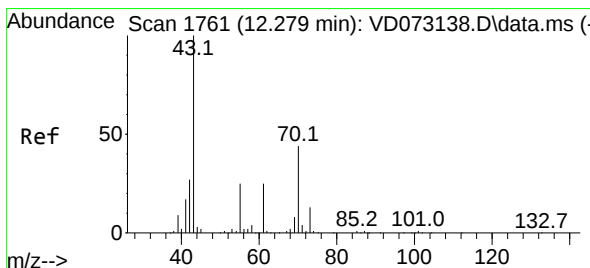
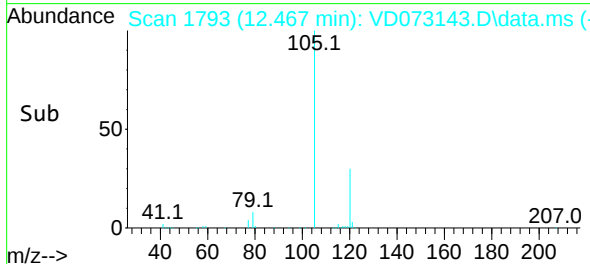
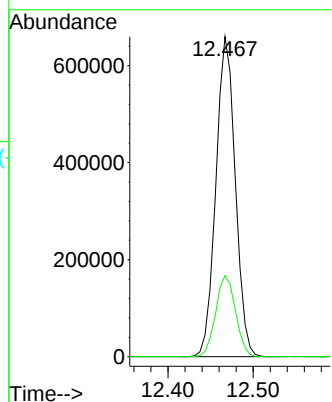
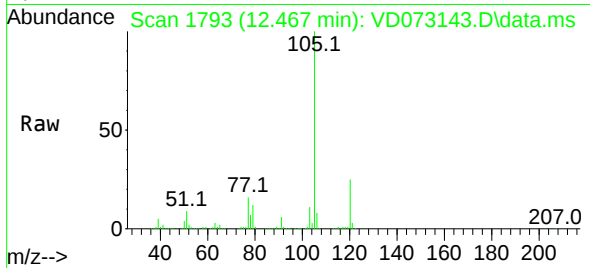




#73
Isopropylbenzene
Concen: 53.740 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

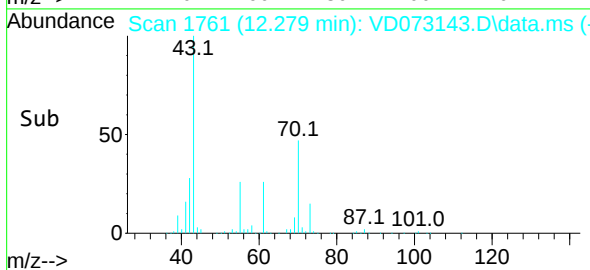
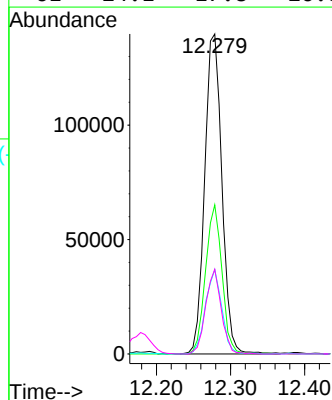
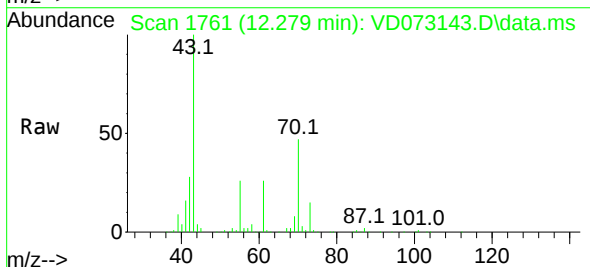
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

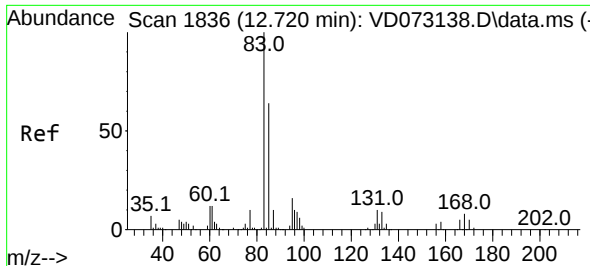
Tgt Ion:105 Resp: 1042097
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9



#74
N-ethyl acetate
Concen: 53.428 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 43 Resp: 226017
Ion Ratio Lower Upper
43 100
70 44.3 31.3 46.9
55 25.0 20.0 30.0
61 24.1 17.8 26.8

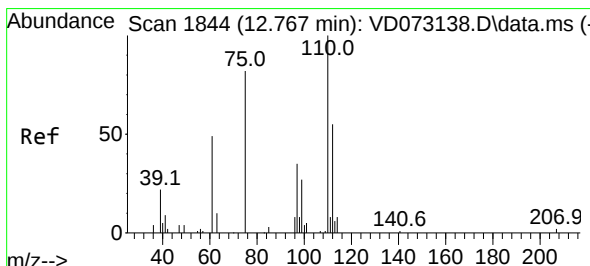
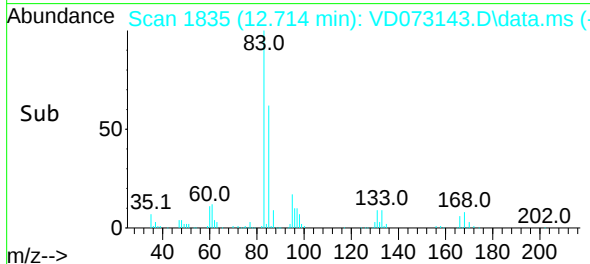
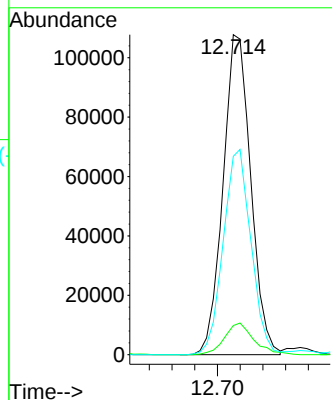
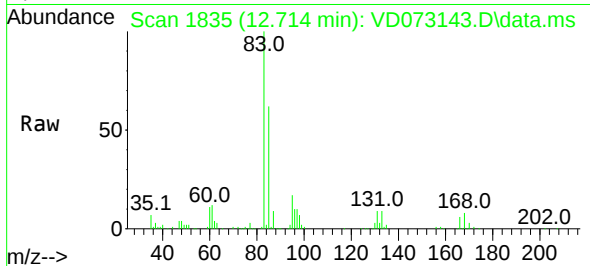




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.080 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD073143.D
 Acq: 19 May 2022 16:57

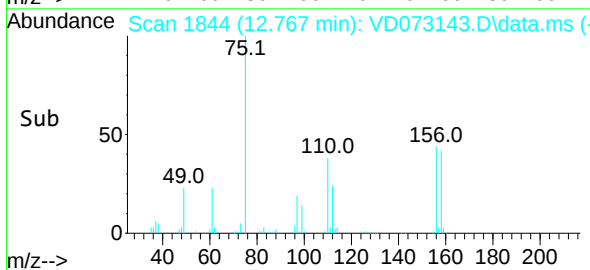
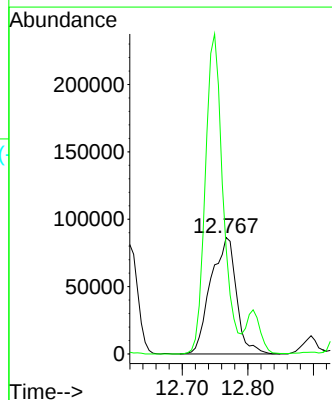
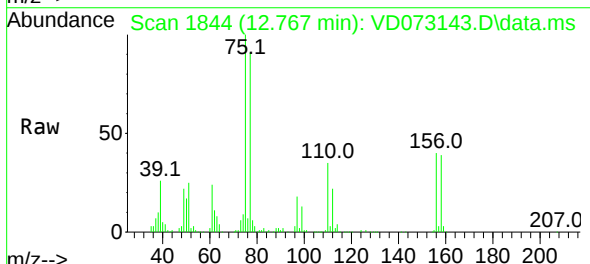
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

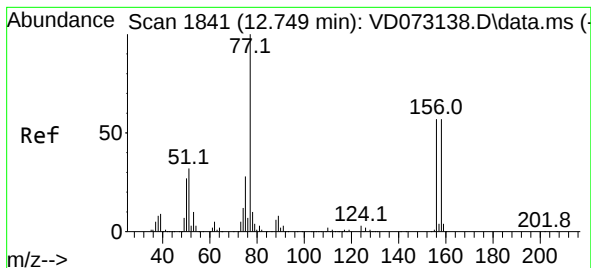
Tgt Ion: 83 Resp: 182683
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.0 14.9
 85 64.4 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 87.785 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VD073143.D
 Acq: 19 May 2022 16:57

Tgt Ion: 75 Resp: 234289
 Ion Ratio Lower Upper
 75 100
 77 191.3 0.0 0.0#





#77

Bromobenzene

Concen: 51.448 ug/l

RT: 12.749 min Scan# 1841

Delta R.T. 0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

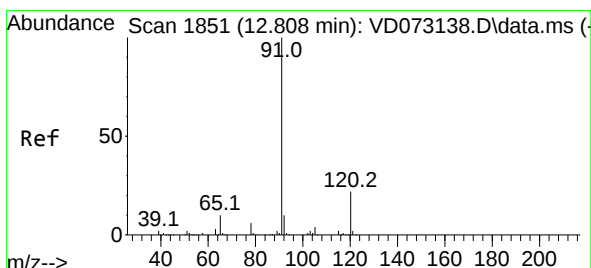
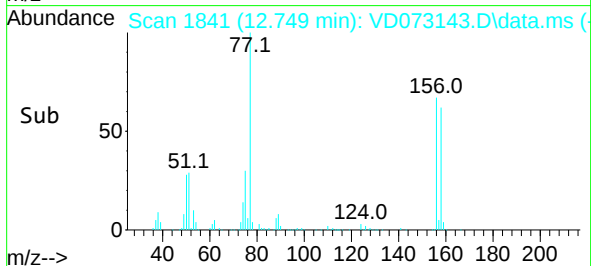
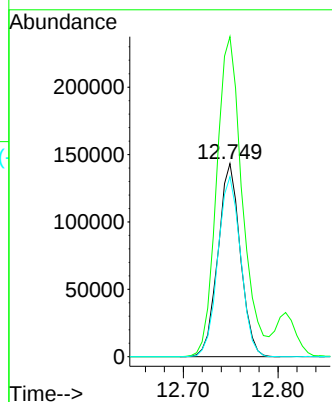
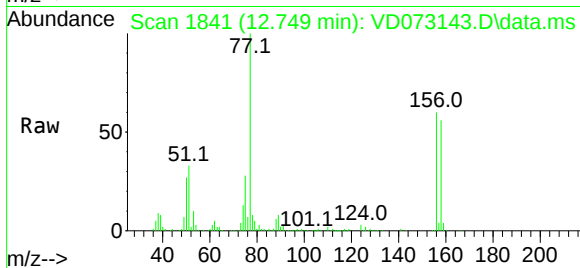
Tgt Ion:156 Resp: 234850

Ion Ratio Lower Upper

156 100

77 190.8 102.8 308.3

158 94.9 48.7 146.1



#78

n-propylbenzene

Concen: 53.003 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD073143.D

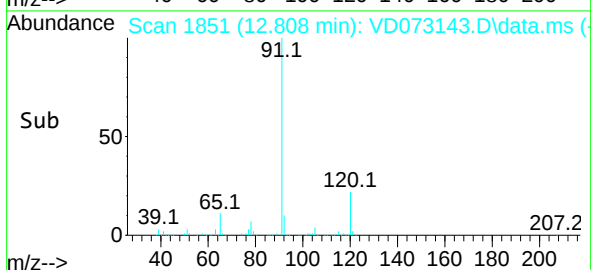
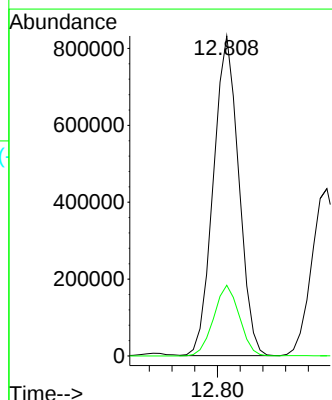
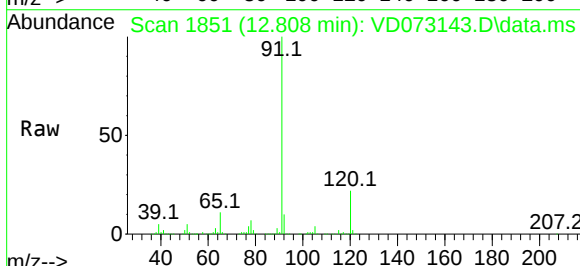
Acq: 19 May 2022 16:57

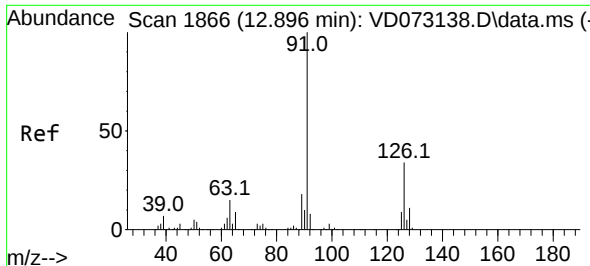
Tgt Ion: 91 Resp: 1290325

Ion Ratio Lower Upper

91 100

120 22.4 10.9 32.9

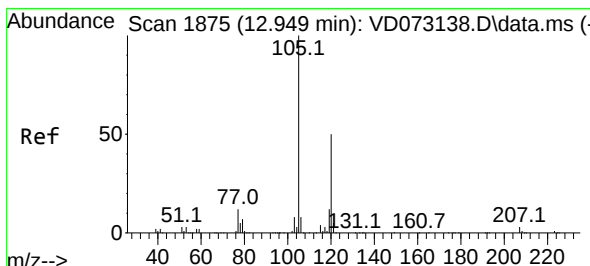
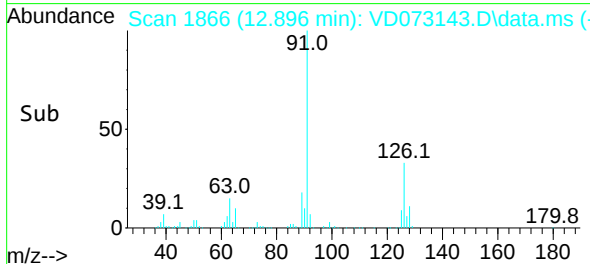
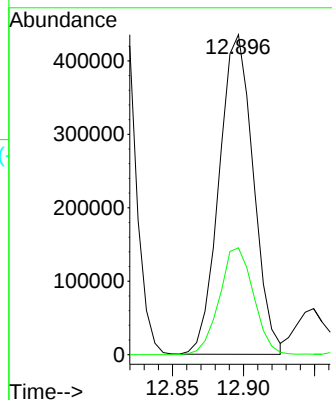
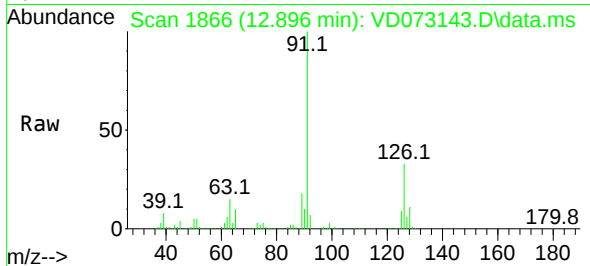




#79
2-Chlorotoluene
Concen: 51.929 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

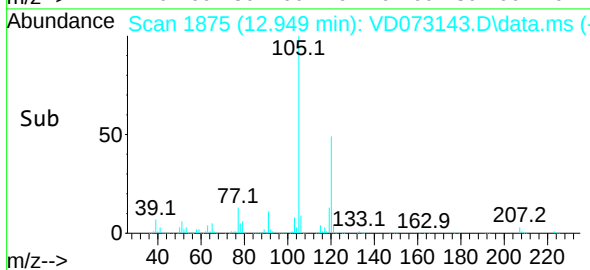
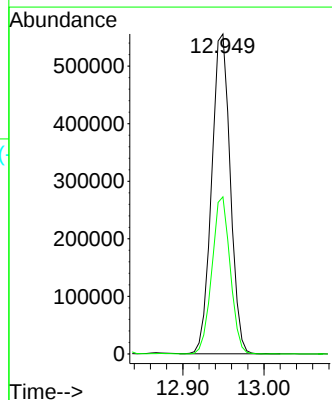
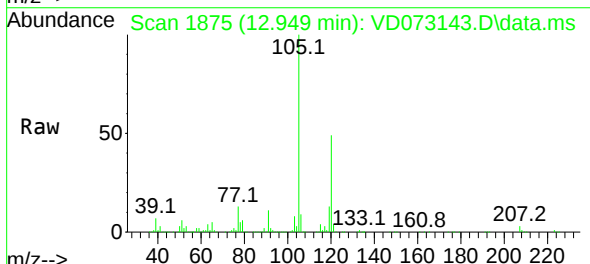
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

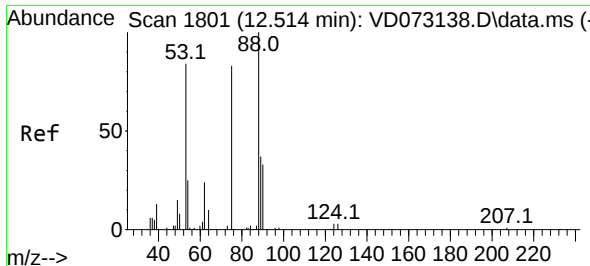
Tgt Ion: 91 Resp: 729924
Ion Ratio Lower Upper
91 100
126 33.4 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 53.850 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 105 Resp: 884565
Ion Ratio Lower Upper
105 100
120 48.3 24.3 72.8

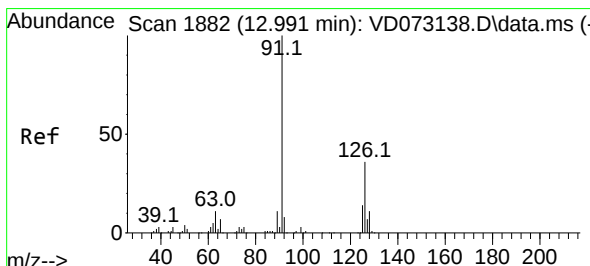
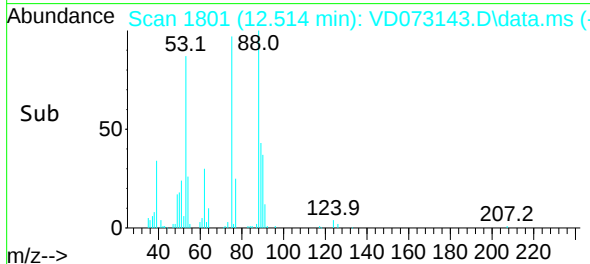
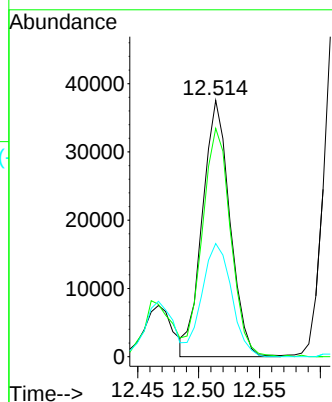
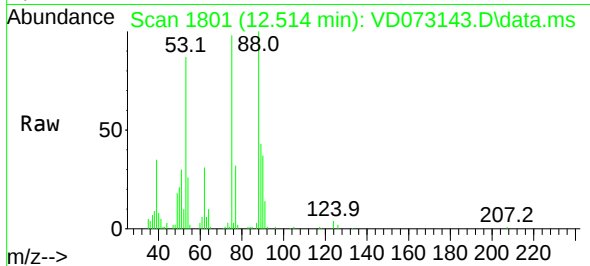




#81
trans-1,4-Dichloro-2-butene
Concen: 53.225 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

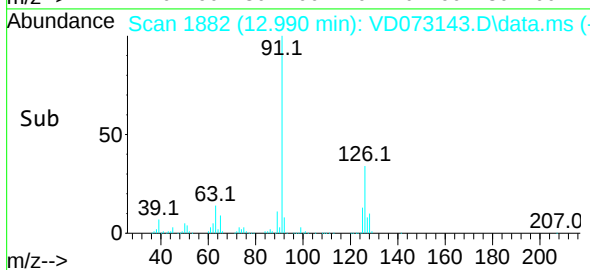
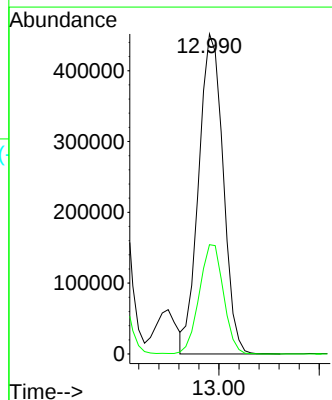
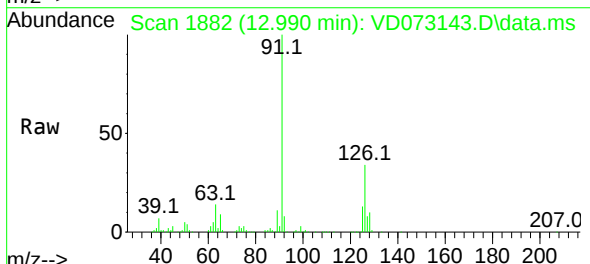
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

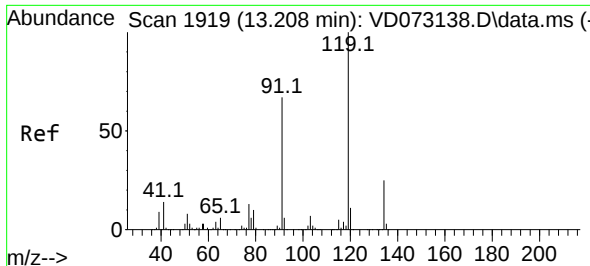
Tgt Ion: 75 Resp: 59171
Ion Ratio Lower Upper
75 100
53 91.8 86.5 129.7
89 47.8 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.923 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion: 91 Resp: 764994
Ion Ratio Lower Upper
91 100
126 33.9 16.5 49.5

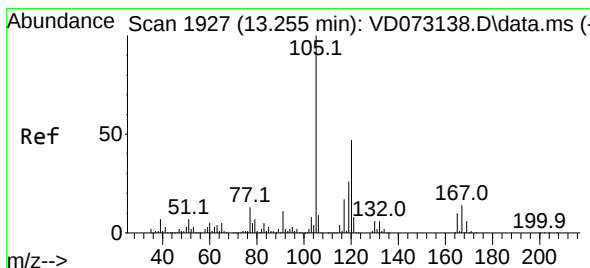
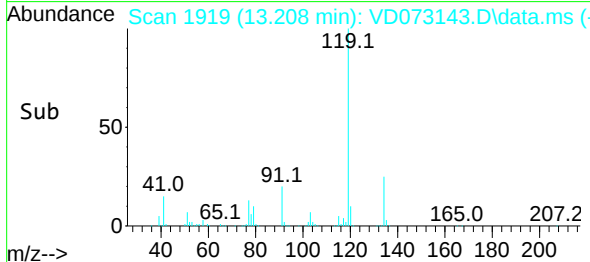
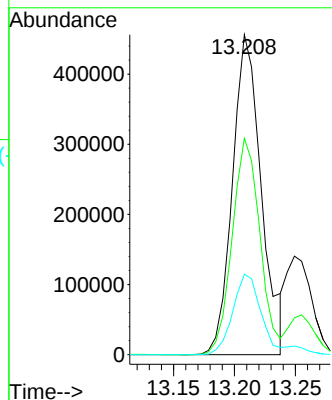
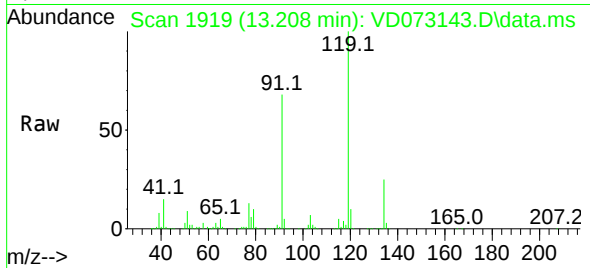




#83
 tert-Butylbenzene
 Concen: 54.274 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073143.D
 Acq: 19 May 2022 16:57

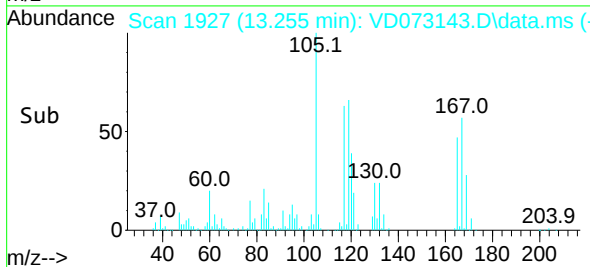
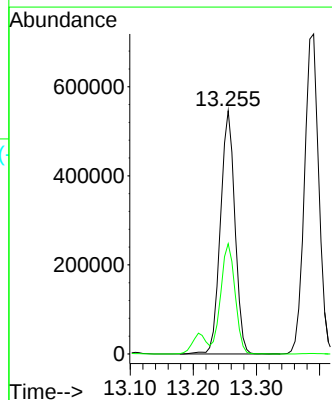
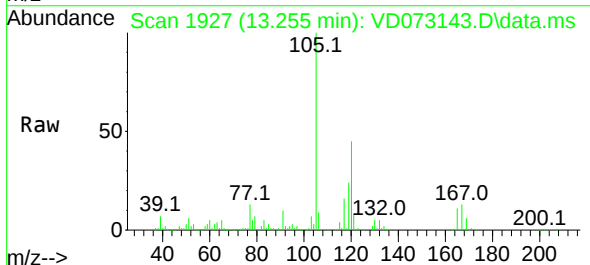
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

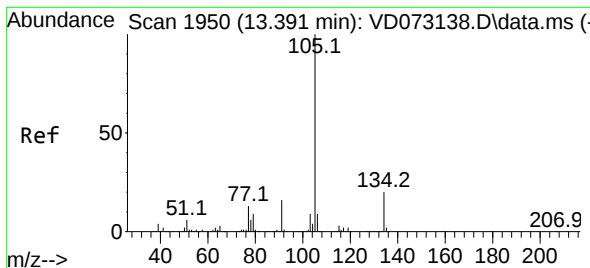
Tgt Ion:119 Resp: 751375
 Ion Ratio Lower Upper
 119 100
 91 65.0 34.8 104.5
 134 26.3 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 53.460 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073143.D
 Acq: 19 May 2022 16:57

Tgt Ion:105 Resp: 867542
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 53.335 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.001 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

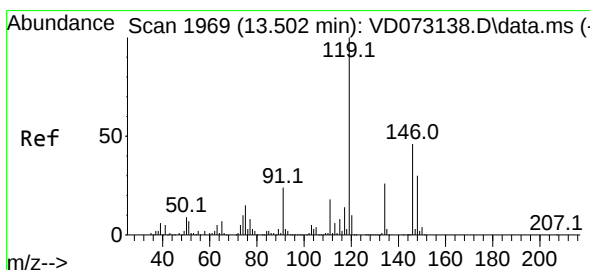
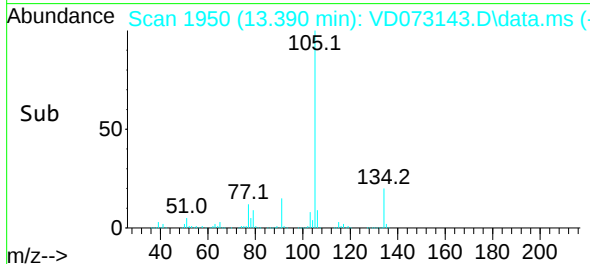
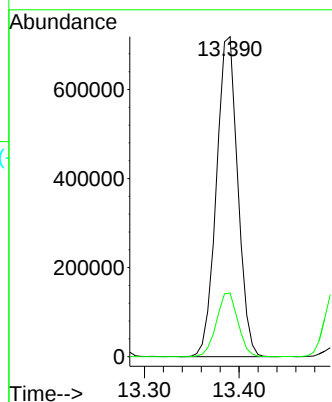
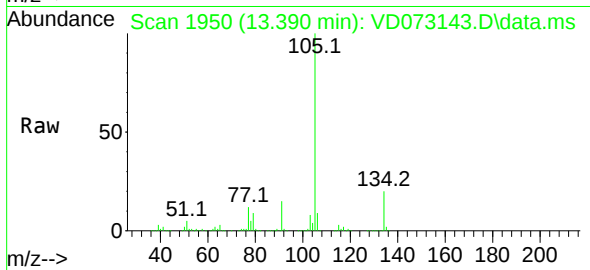
VSTDCCC050

Tgt Ion:105 Resp: 1127439

Ion Ratio Lower Upper

105 100

134 20.0 9.8 29.3



#86

p-Isopropyltoluene

Concen: 53.300 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

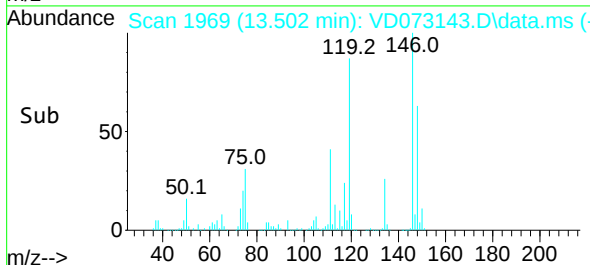
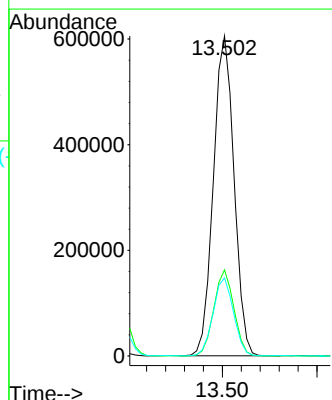
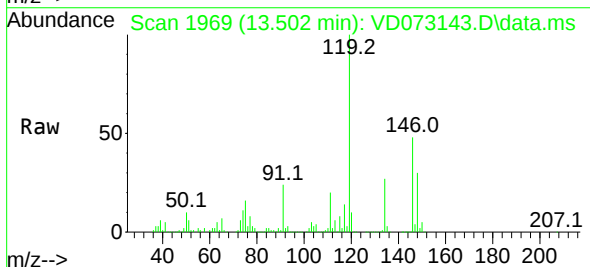
Tgt Ion:119 Resp: 918457

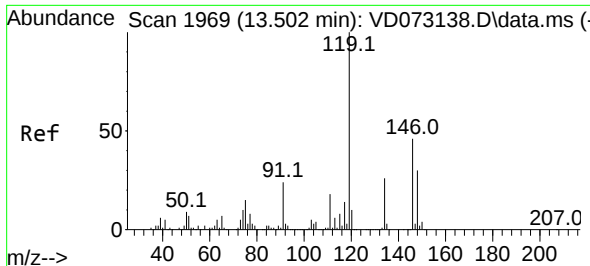
Ion Ratio Lower Upper

119 100

134 26.2 12.9 38.6

91 24.0 12.1 36.3

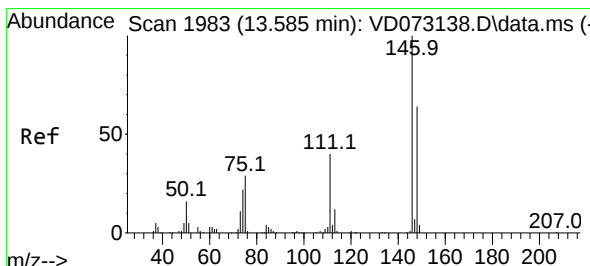
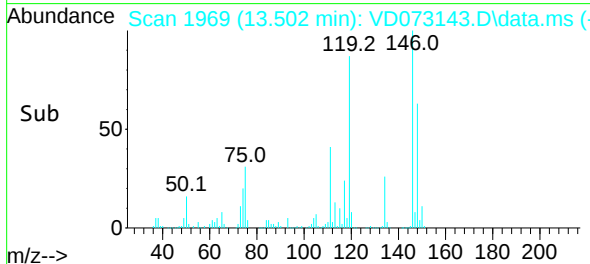
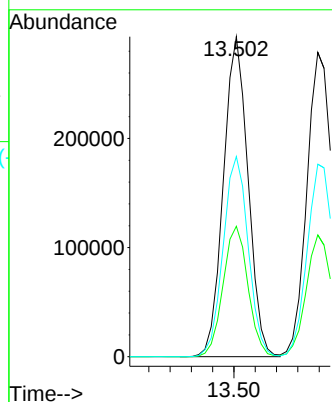
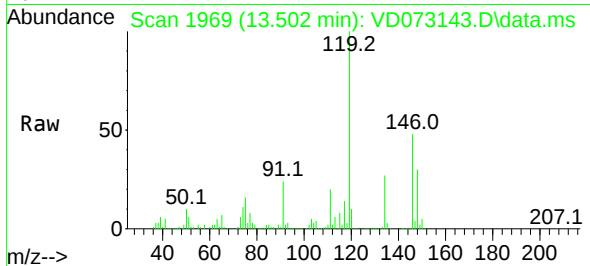




#87
1,3-Dichlorobenzene
Concen: 51.136 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

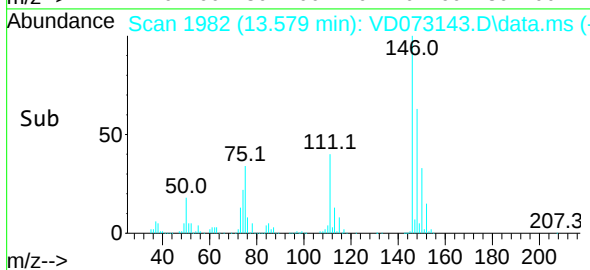
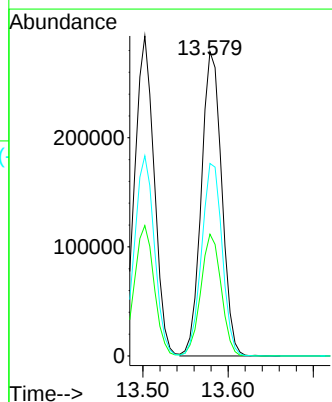
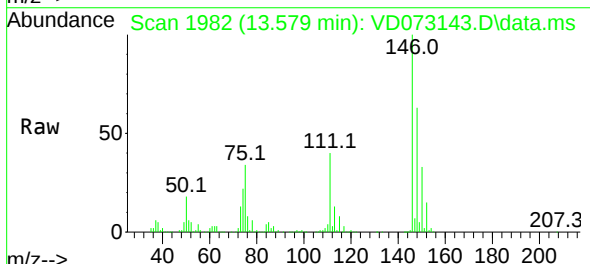
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

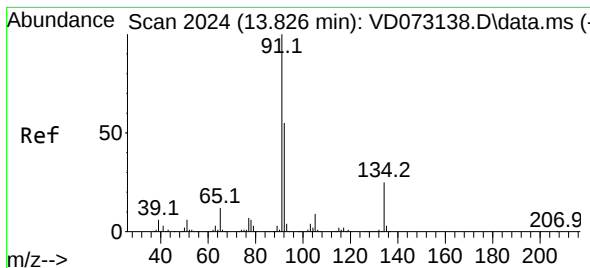
Tgt Ion:146 Resp: 470502
Ion Ratio Lower Upper
146 100
111 41.2 20.4 61.3
148 63.7 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 50.017 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion:146 Resp: 464555
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.9
148 63.8 31.7 95.1





#89

n-Butylbenzene

Concen: 54.022 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

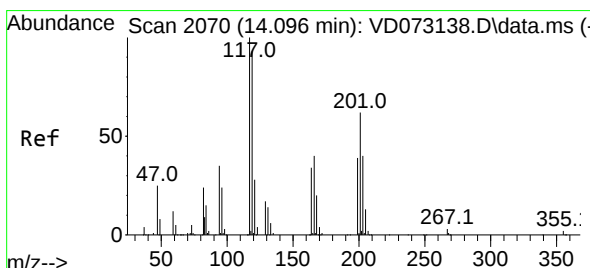
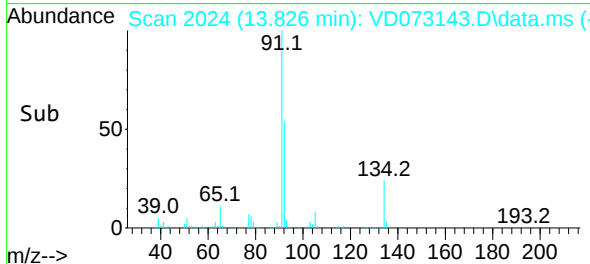
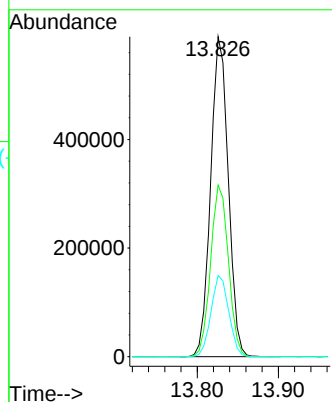
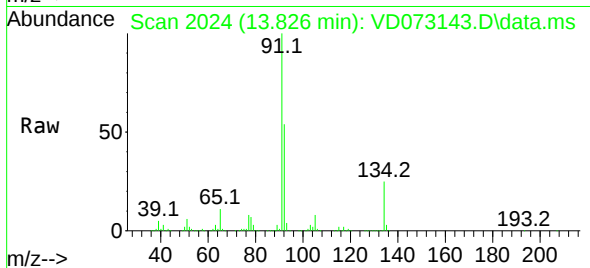
Tgt Ion: 91 Resp: 886958

Ion Ratio Lower Upper

91 100

92 54.3 26.6 79.8

134 25.6 12.3 36.9



#90

Hexachloroethane

Concen: 50.910 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073143.D

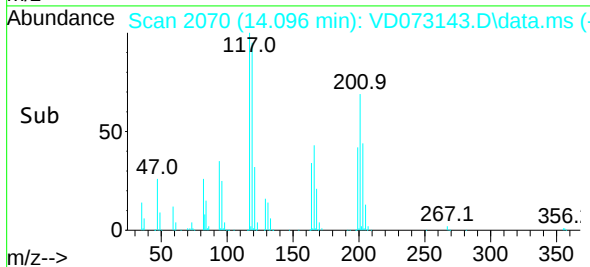
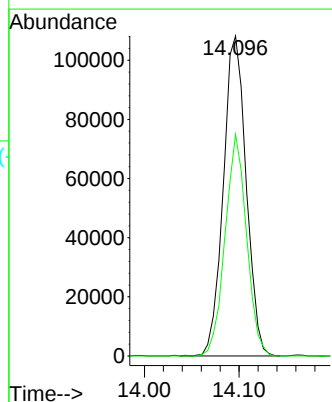
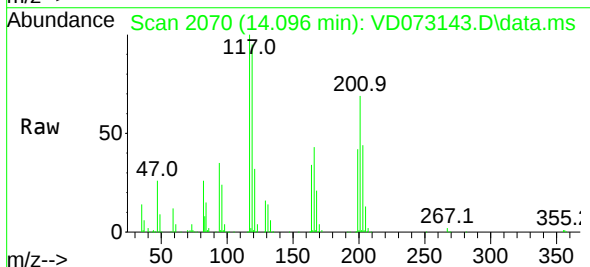
Acq: 19 May 2022 16:57

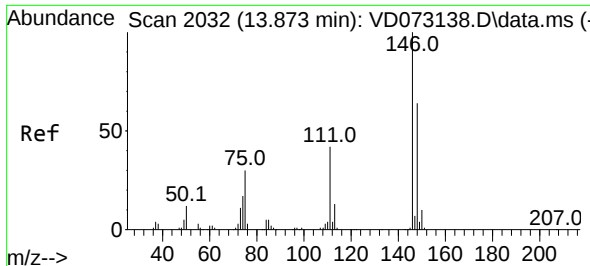
Tgt Ion: 117 Resp: 181520

Ion Ratio Lower Upper

117 100

201 65.0 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 51.669 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

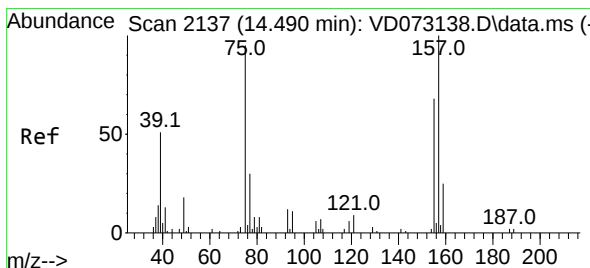
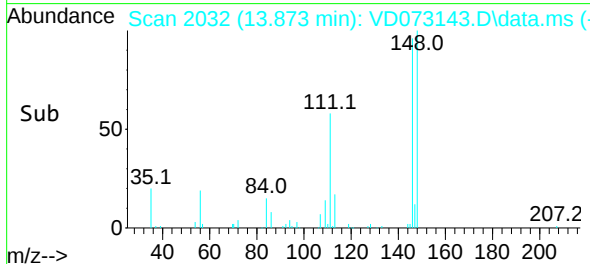
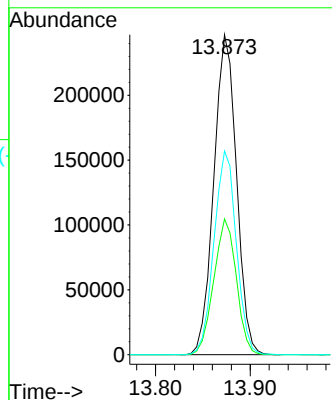
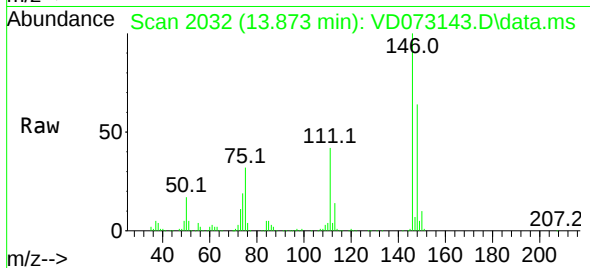
Tgt Ion:146 Resp: 411333

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.3

148 62.8 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.827 ug/l

RT: 14.484 min Scan# 2136

Delta R.T. -0.006 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

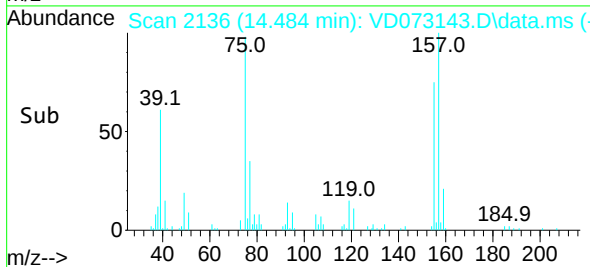
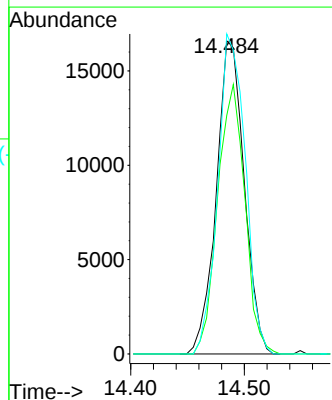
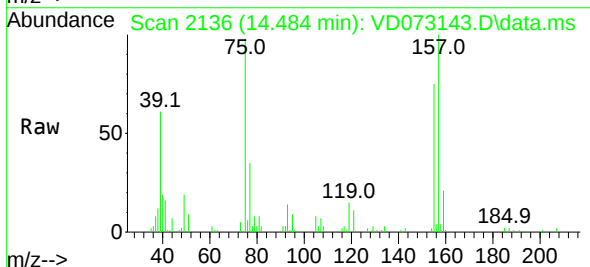
Tgt Ion: 75 Resp: 28385

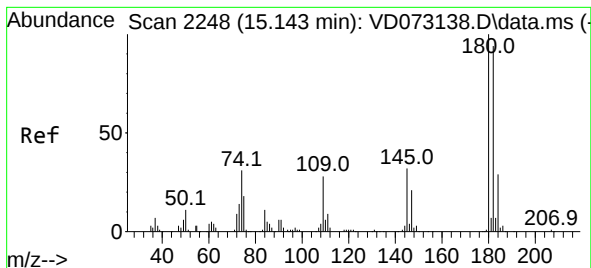
Ion Ratio Lower Upper

75 100

155 83.8 36.8 110.3

157 100.3 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 53.960 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

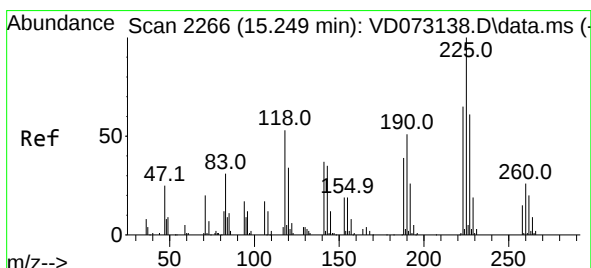
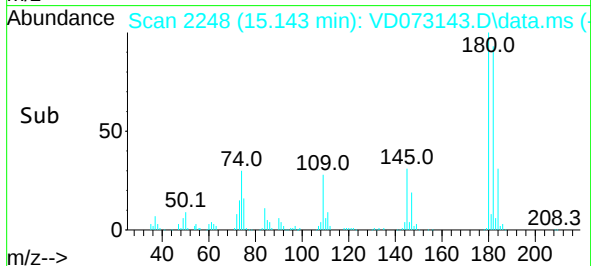
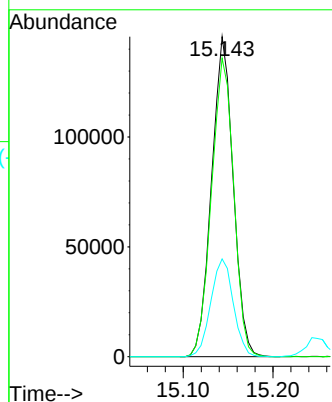
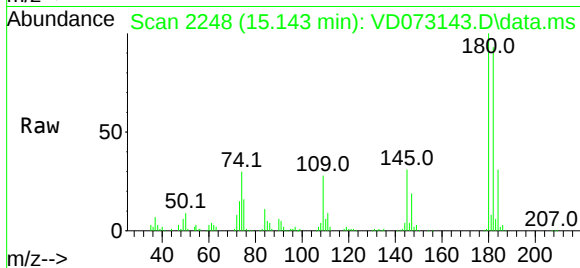
Tgt Ion:180 Resp: 243879

Ion Ratio Lower Upper

180 100

182 95.6 47.3 142.0

145 31.8 16.2 48.5



#94

Hexachlorobutadiene

Concen: 51.593 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073143.D

Acq: 19 May 2022 16:57

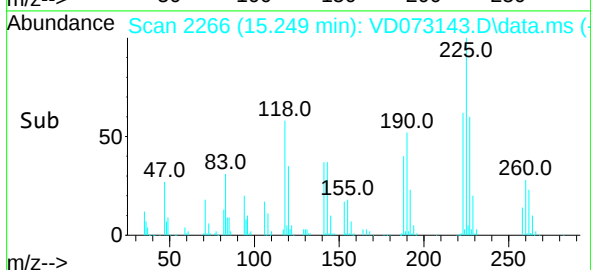
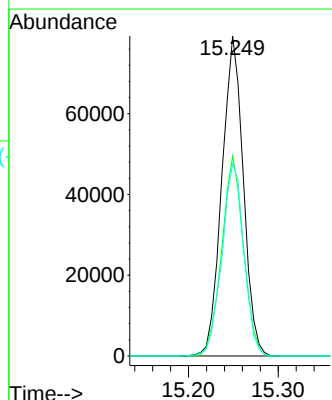
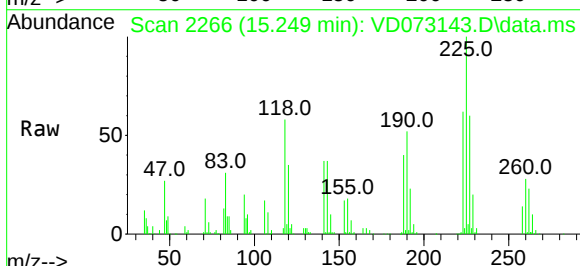
Tgt Ion:225 Resp: 131400

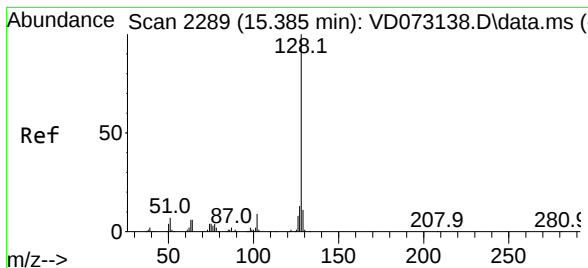
Ion Ratio Lower Upper

225 100

223 63.1 31.1 93.2

227 61.7 32.4 97.0

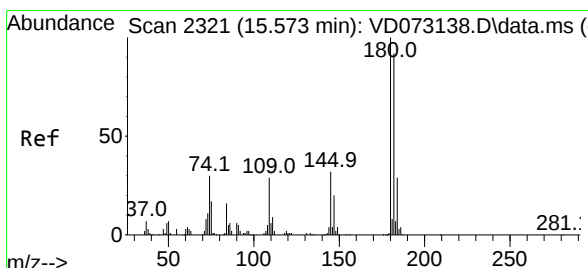
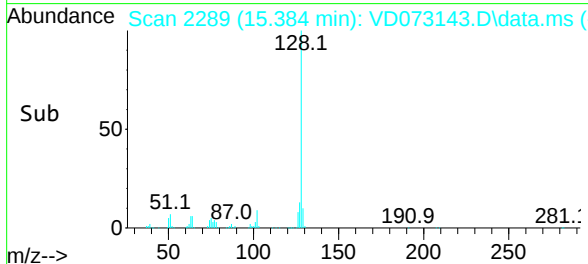
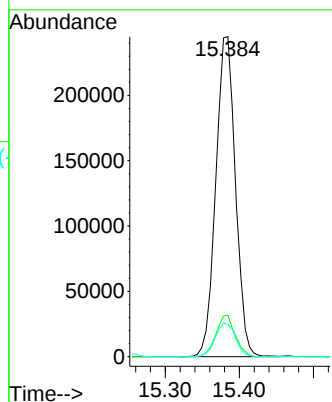
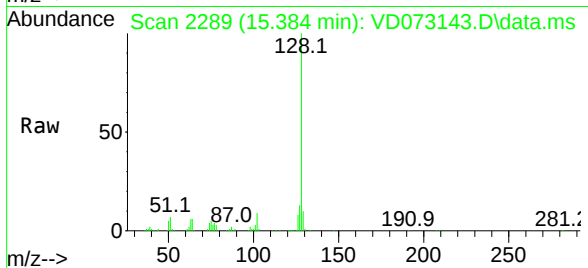




#95
Naphthalene
Concen: 50.639 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.001 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 451188
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.9 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 52.910 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073143.D
Acq: 19 May 2022 16:57

Tgt Ion:180 Resp: 212001
Ion Ratio Lower Upper
180 100
182 95.2 47.6 142.9
145 34.3 17.1 51.3

