

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073340.D
 Acq On : 24 May 2022 23:57
 Operator : VA/SY
 Sample : VD0524SBS02
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS02

Quant Time: May 25 05:31:28 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	295629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	510482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	498396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	248860	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	190468	58.298	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.600%	
35) Dibromofluoromethane	7.908	113	197681	58.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.380%	
50) Toluene-d8	10.332	98	708415	57.051	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.100%	
62) 4-Bromofluorobenzene	12.620	95	255403	58.610	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 117.220%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	62599	21.191	ug/l	100
3) Chloromethane	2.209	50	64541	19.322	ug/l	100
4) Vinyl Chloride	2.344	62	58898	19.283	ug/l	98
5) Bromomethane	2.750	94	45499	20.886	ug/l	96
6) Chloroethane	2.909	64	38445	20.475	ug/l	99
7) Trichlorofluoromethane	3.261	101	113421	21.001	ug/l	100
8) Diethyl Ether	3.709	74	32541	21.927	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.085	101	67921	21.077	ug/l	96
10) Methyl Iodide	4.297	142	61145	17.587	ug/l	98
11) Tert butyl alcohol	5.208	59	31598	62.337	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	61710	20.771	ug/l	87
13) Acrolein	3.920	56	24827	114.397	ug/l	100
14) Allyl chloride	4.708	41	97103	20.248	ug/l	91
15) Acrylonitrile	5.420	53	77046	113.531	ug/l	96
16) Acetone	4.156	43	59471	105.091	ug/l	95
17) Carbon Disulfide	4.403	76	180062	18.282	ug/l	98
18) Methyl Acetate	4.714	43	40607	25.805	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	148002	21.867	ug/l	100
20) Methylene Chloride	4.956	84	111681	29.475	ug/l #	84
21) trans-1,2-Dichloroethene	5.467	96	72808	20.268	ug/l	88
22) Diisopropyl ether	6.361	45	222025	22.085	ug/l #	93
23) Vinyl Acetate	6.303	43	576111	107.436	ug/l #	95
24) 1,1-Dichloroethane	6.255	63	138814	21.512	ug/l	97
25) 2-Butanone	7.208	43	90291	109.056	ug/l #	88
26) 2,2-Dichloropropane	7.197	77	103899	18.880	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	84253	21.197	ug/l	88
28) Bromochloromethane	7.544	49	45530	20.480	ug/l #	78
29) Tetrahydrofuran	7.555	42	59381	110.919	ug/l	90
30) Chloroform	7.702	83	148698	22.073	ug/l	99
31) Cyclohexane	7.979	56	108194	18.950	ug/l #	95
32) 1,1,1-Trichloroethane	7.897	97	124898	21.197	ug/l	96
36) 1,1-Dichloropropene	8.108	75	103521	20.434	ug/l	96
37) Ethyl Acetate	7.285	43	48432	24.203	ug/l	98
38) Carbon Tetrachloride	8.091	117	108641	21.155	ug/l	93
39) Methylcyclohexane	9.349	83	105697	18.721	ug/l	99
40) Benzene	8.344	78	311998	21.369	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	17975	15.417	ug/l #	61
42) 1,2-Dichloroethane	8.414	62	88770	21.850	ug/l	96
43) Isopropyl Acetate	8.449	43	82711	22.362	ug/l #	92
44) Trichloroethene	9.108	130	86008	22.090	ug/l	86
45) 1,2-Dichloropropane	9.379	63	80996	22.028	ug/l	95
46) Dibromomethane	9.467	93	45419	22.490	ug/l	97
47) Bromodichloromethane	9.655	83	114502	22.159	ug/l	94
48) Methyl methacrylate	9.449	41	37166	19.972	ug/l #	83
49) 1,4-Dioxane	9.455	88	9765	468.226	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	221960	115.540	ug/l	94
52) Toluene	10.396	92	200292	21.708	ug/l	99
53) t-1,3-Dichloropropene	10.614	75	100756	21.583	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	119654	21.419	ug/l #	86
55) 1,1,2-Trichloroethane	10.791	97	63586	23.284	ug/l	93
56) Ethyl methacrylate	10.655	69	66559	21.921	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	103022	22.483	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	133630	106.243	ug/l	96
59) 2-Hexanone	10.973	43	145951	115.236	ug/l	96
60) Dibromochloromethane	11.132	129	76857	22.570	ug/l	100
61) 1,2-Dibromoethane	11.238	107	60452	23.166	ug/l	99
64) Tetrachloroethene	10.867	164	69084	21.163	ug/l	98
65) Chlorobenzene	11.661	112	215130	21.041	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	81717	21.550	ug/l	99
67) Ethyl Benzene	11.738	91	370466	20.640	ug/l	99
68) m/p-Xylenes	11.843	106	294378	42.215	ug/l	99
69) o-Xylene	12.173	106	133076	20.773	ug/l	98
70) Styrene	12.185	104	238003	21.594	ug/l	96
71) Bromoform	12.349	173	45271	23.197	ug/l #	99
73) Isopropylbenzene	12.467	105	351546	19.815	ug/l	99
74) N-amyl acetate	12.279	43	79186	20.460	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	72941	22.292	ug/l	100
76) 1,2,3-Trichloropropane	12.773	75	87805	35.960	ug/l #	100
77) Bromobenzene	12.749	156	87184	20.876	ug/l	94
78) n-propylbenzene	12.808	91	453428	20.358	ug/l	99
79) 2-Chlorotoluene	12.896	91	262303	20.397	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	311299	20.714	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	20553	20.207	ug/l	94
82) 4-Chlorotoluene	12.990	91	286549	21.259	ug/l	100
83) tert-Butylbenzene	13.208	119	258935	20.443	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	311150	20.958	ug/l	98
85) sec-Butylbenzene	13.390	105	393534	20.348	ug/l	100
86) p-Isopropyltoluene	13.502	119	323034	20.490	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	182305	21.657	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	176791	20.805	ug/l	99
89) n-Butylbenzene	13.826	91	293471	19.537	ug/l	100
90) Hexachloroethane	14.096	117	68544	21.013	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	157674	21.649	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	11413	22.777	ug/l	92
93) 1,2,4-Trichlorobenzene	15.143	180	88256	21.344	ug/l	98
94) Hexachlorobutadiene	15.243	225	49213	21.120	ug/l	95
95) Naphthalene	15.379	128	146268	20.230	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	76960	20.994	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration

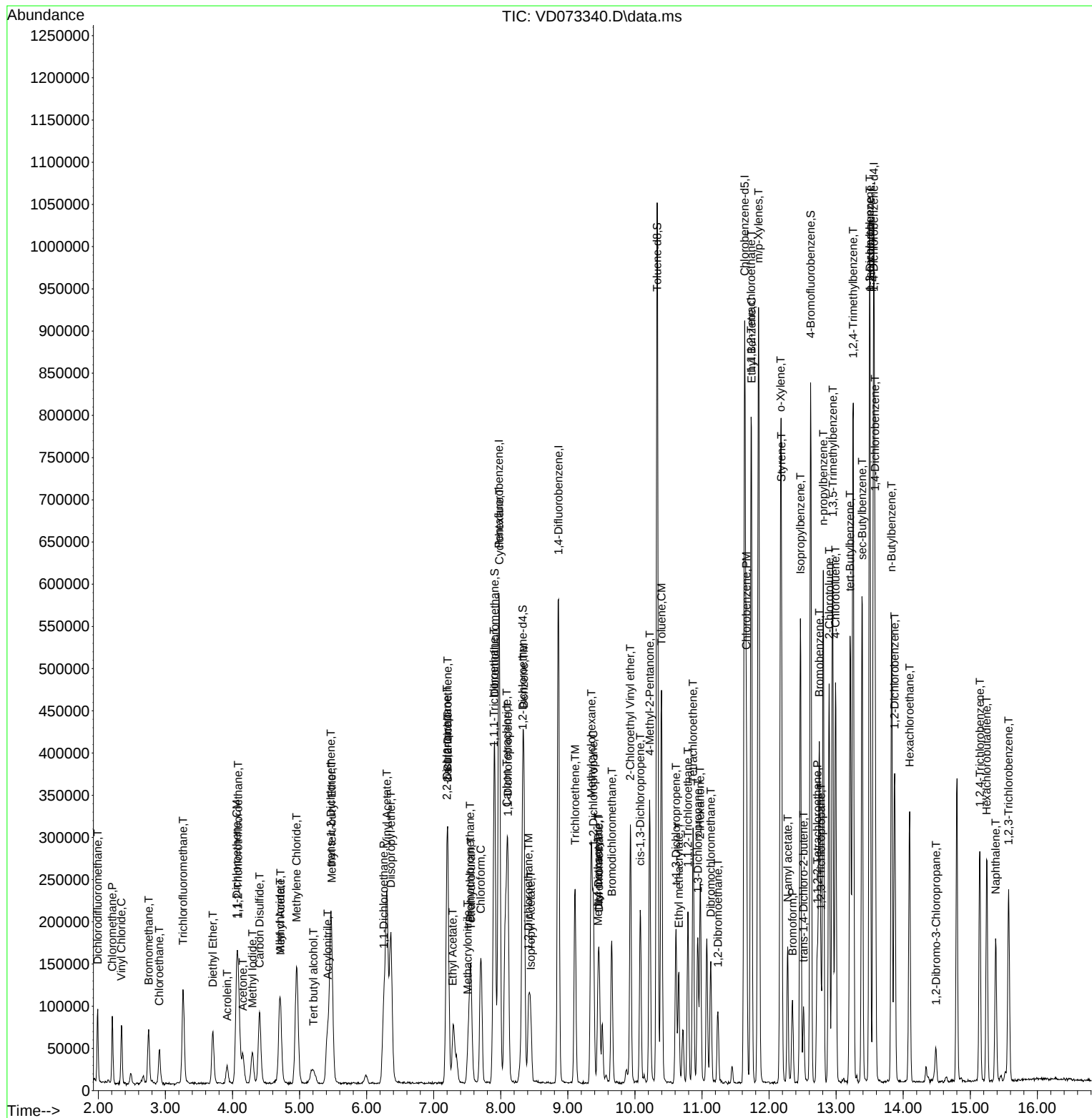
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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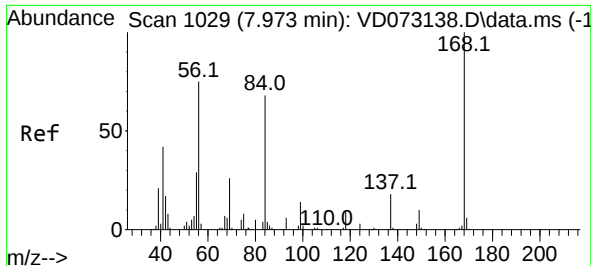
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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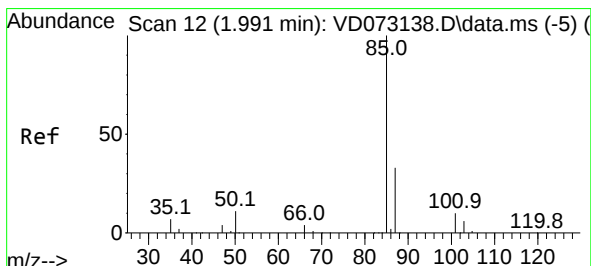
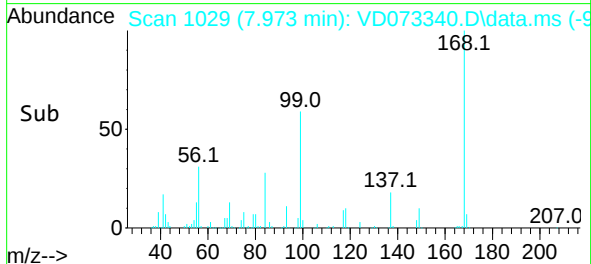
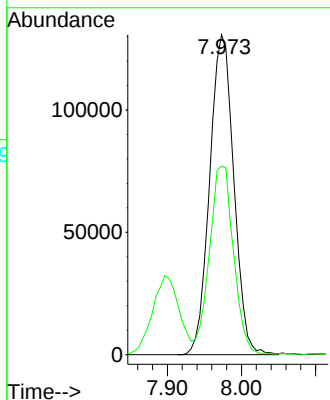
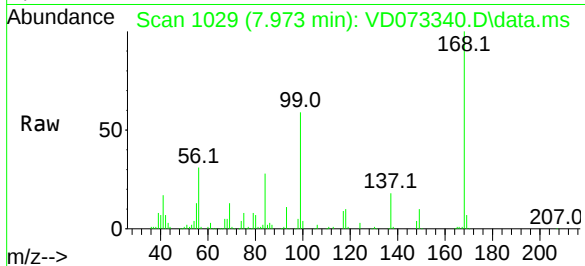




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

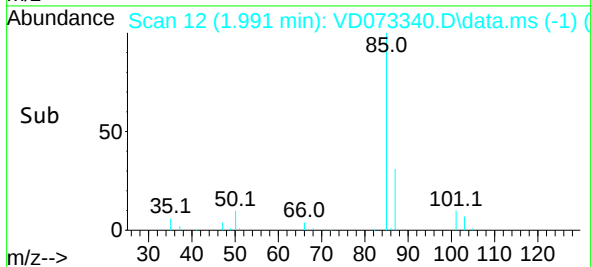
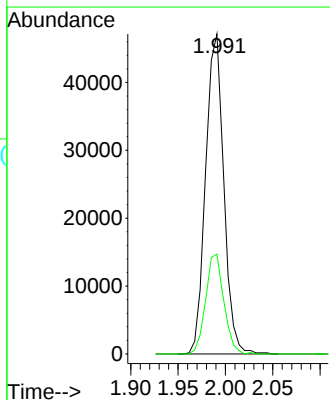
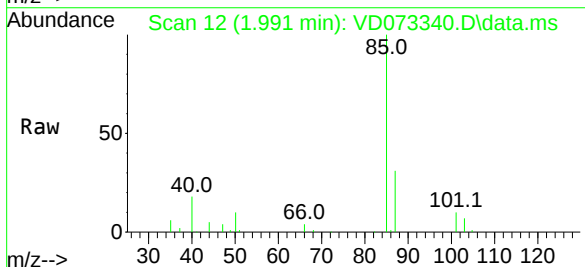
Instrument :
MSVOA_D
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VD0524SBS02

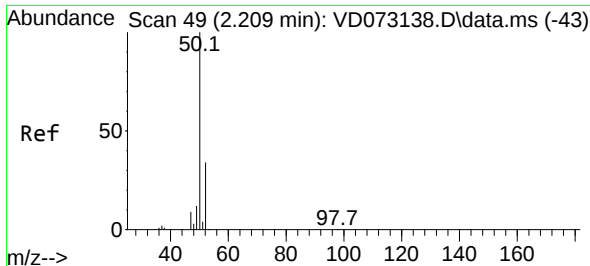
Tgt Ion:168 Resp: 295629
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 21.191 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 85 Resp: 62599
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.0

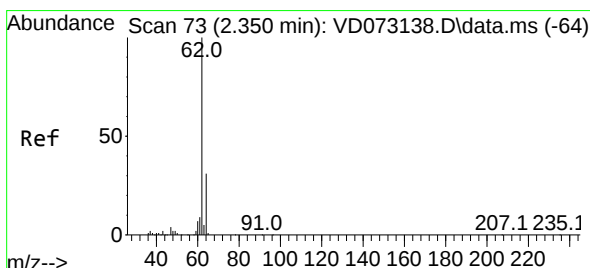
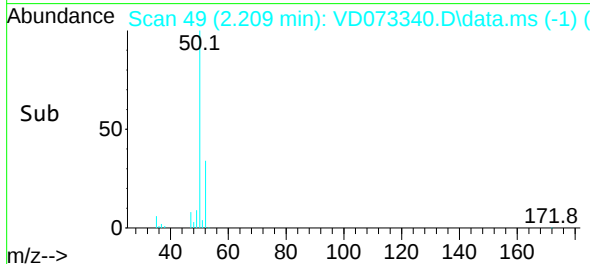
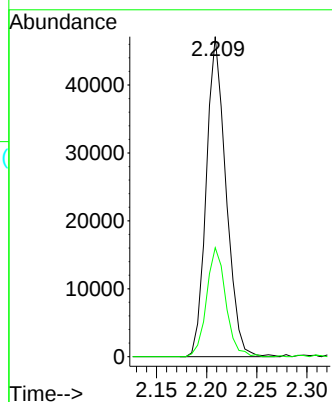
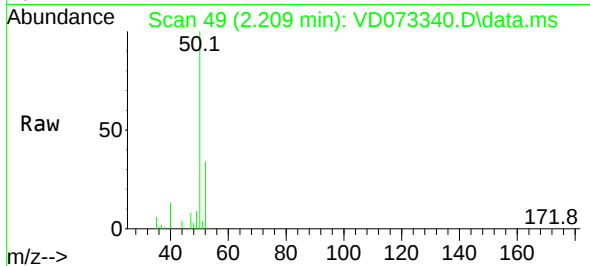




#3
Chloromethane
Concen: 19.322 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

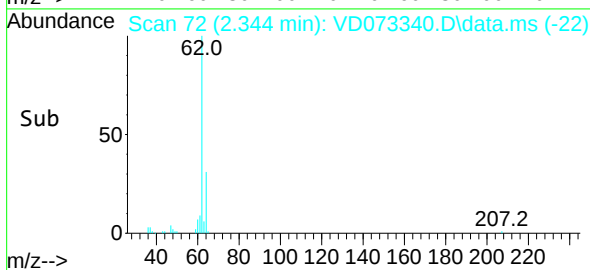
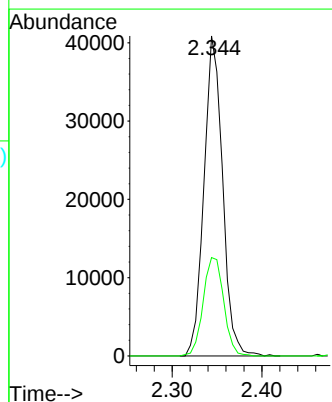
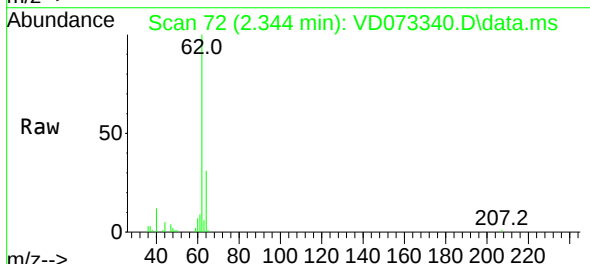
Instrument :
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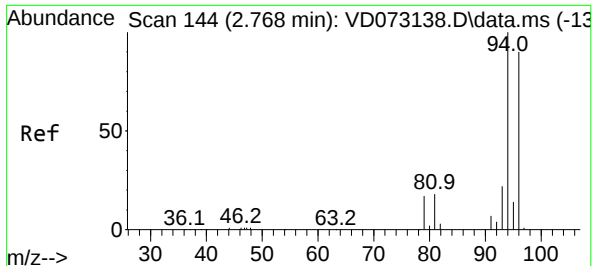
Tgt Ion: 50 Resp: 64541
Ion Ratio Lower Upper
50 100
52 34.0 27.4 41.0



#4
Vinyl Chloride
Concen: 19.283 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 62 Resp: 58898
Ion Ratio Lower Upper
62 100
64 30.7 25.4 38.0

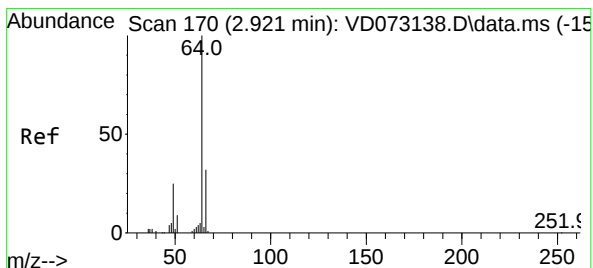
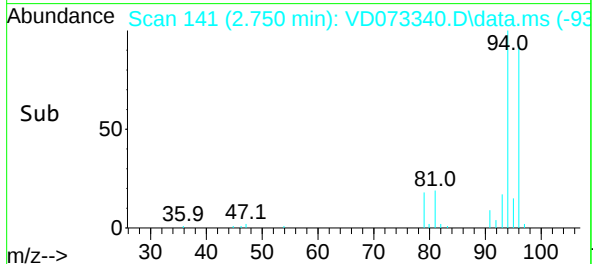
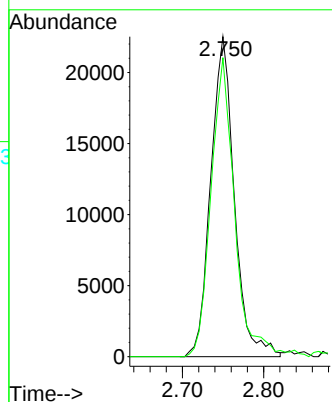
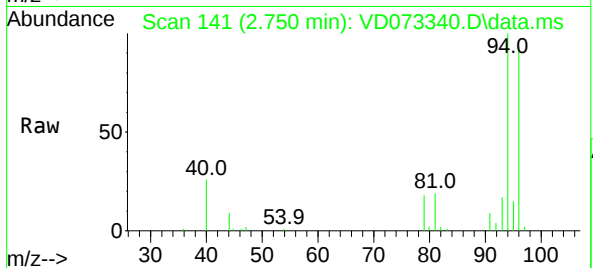




#5
Bromomethane
Concen: 20.886 ug/l
RT: 2.750 min Scan# 144
Delta R.T. -0.018 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

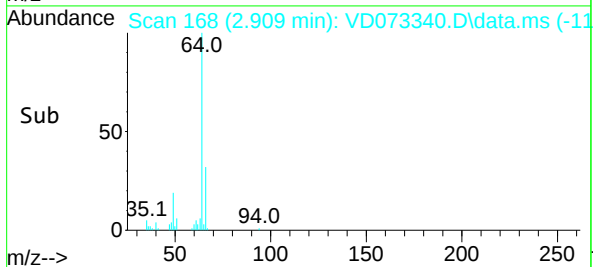
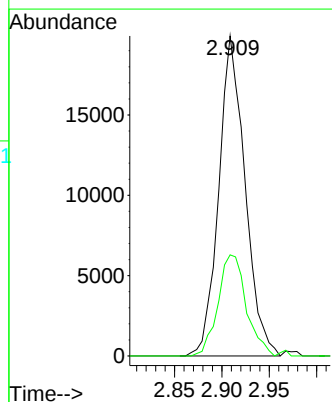
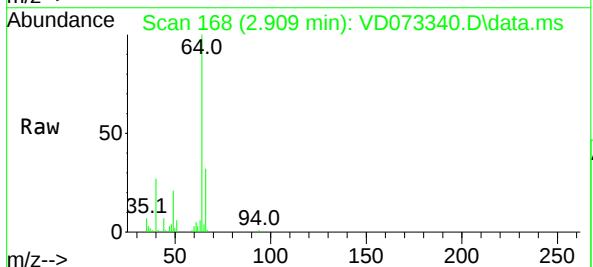
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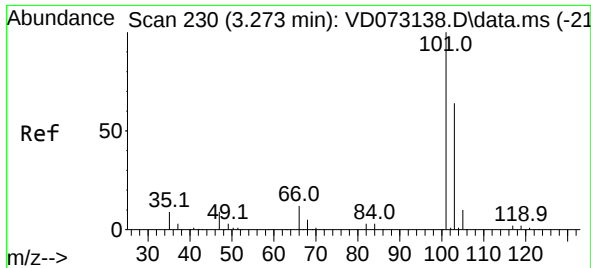
Tgt Ion: 94 Resp: 45499
Ion Ratio Lower Upper
94 100
96 93.4 77.6 116.4



#6
Chloroethane
Concen: 20.475 ug/l
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 64 Resp: 38445
Ion Ratio Lower Upper
64 100
66 31.6 25.9 38.9

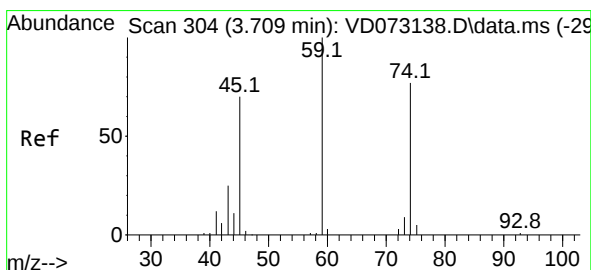
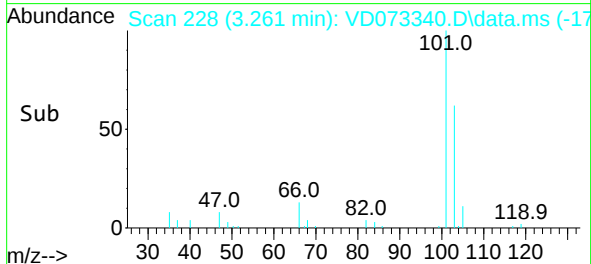
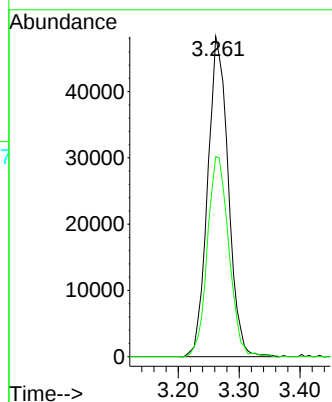
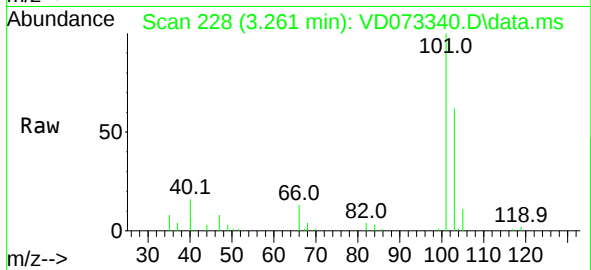




#7
 Trichlorofluoromethane
 Concen: 21.001 ug/l
 RT: 3.261 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VD073340.D
 Acq: 24 May 2022 23:57

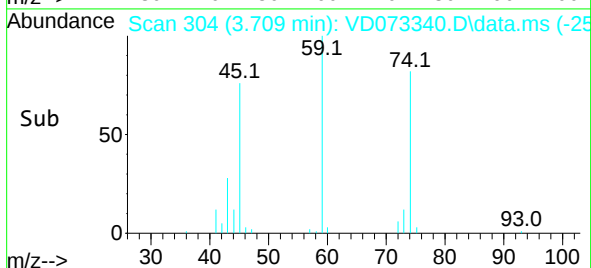
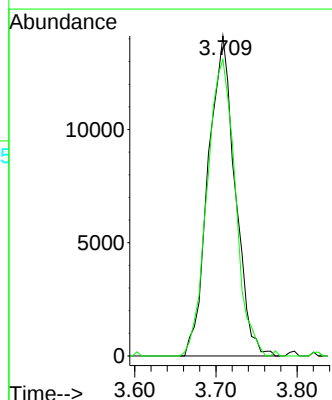
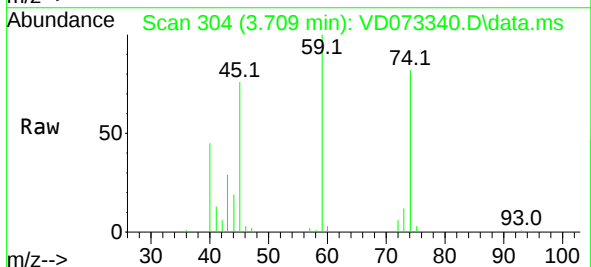
Instrument :
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Tgt Ion:101 Resp: 113421
 Ion Ratio Lower Upper
 101 100
 103 62.5 50.1 75.1



#8
 Diethyl Ether
 Concen: 21.927 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073340.D
 Acq: 24 May 2022 23:57

Tgt Ion: 74 Resp: 32541
 Ion Ratio Lower Upper
 74 100
 45 96.8 52.6 157.8

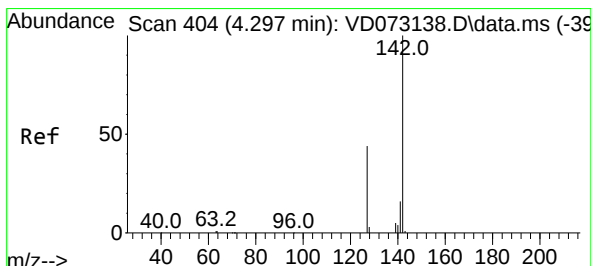
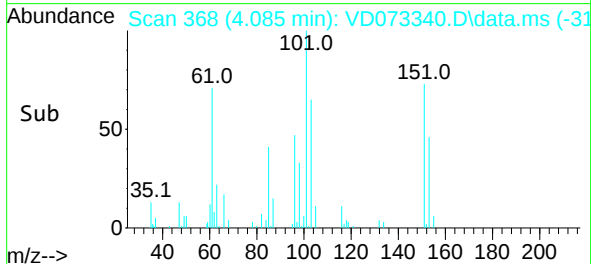
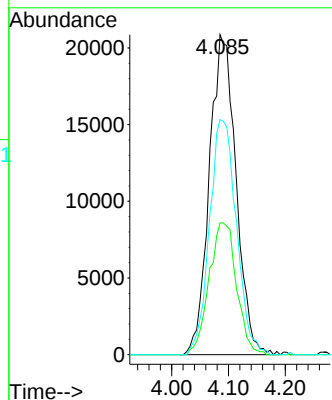
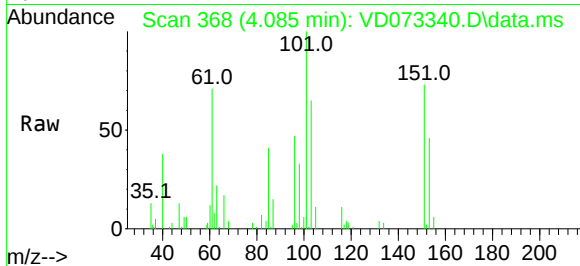




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.077 ug/l
RT: 4.085 min Scan# 30
Delta R.T. -0.012 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

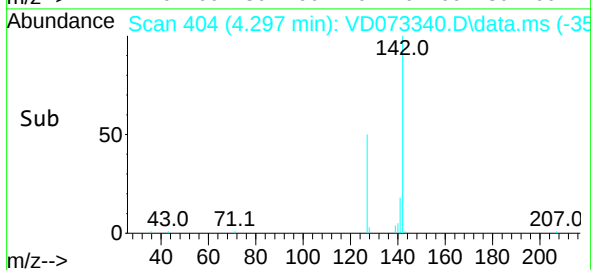
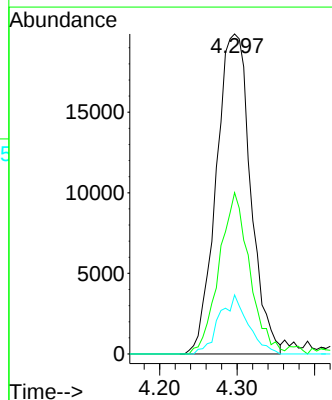
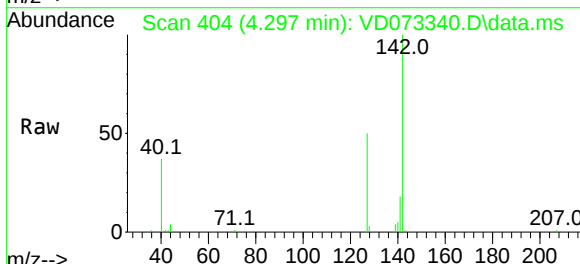
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

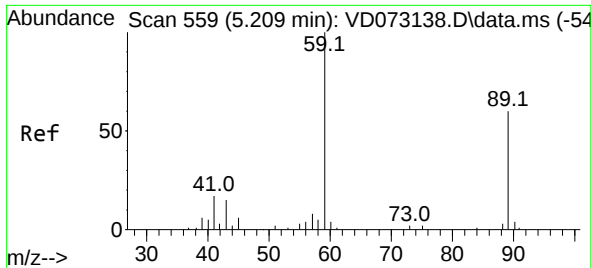
Tgt Ion:101 Resp: 67921
Ion Ratio Lower Upper
101 100
85 42.4 36.4 54.6
151 74.3 57.3 85.9



#10
Methyl Iodide
Concen: 17.587 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion:142 Resp: 61145
Ion Ratio Lower Upper
142 100
127 45.0 37.3 55.9
141 15.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 62.337 ug/l

RT: 5.208 min Scan# 51

Delta R.T. -0.001 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

Instrument :

MSVOA_D

ClientSampleId :

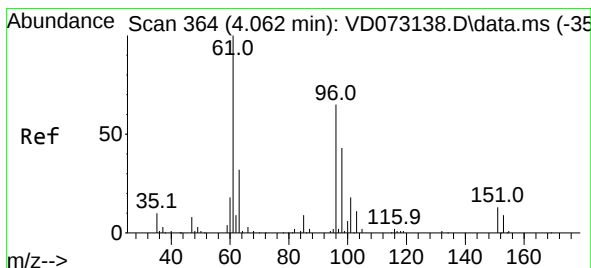
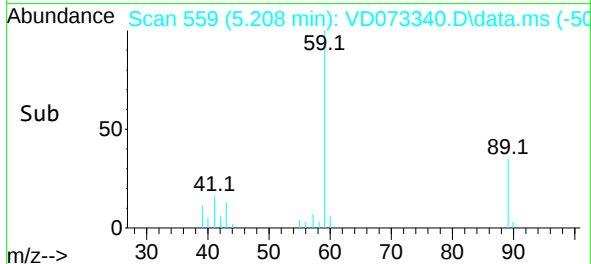
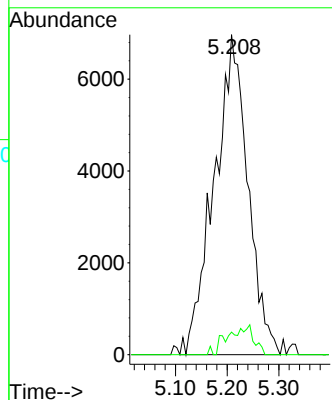
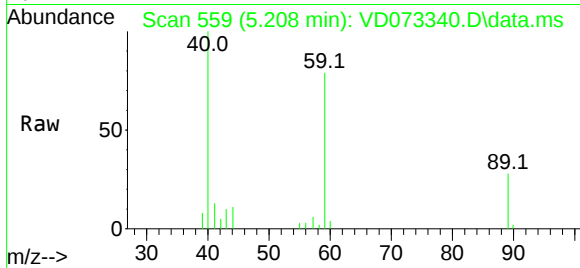
VD0524SBS02

Tgt Ion: 59 Resp: 31598

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 20.771 ug/l

RT: 4.061 min Scan# 364

Delta R.T. -0.001 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

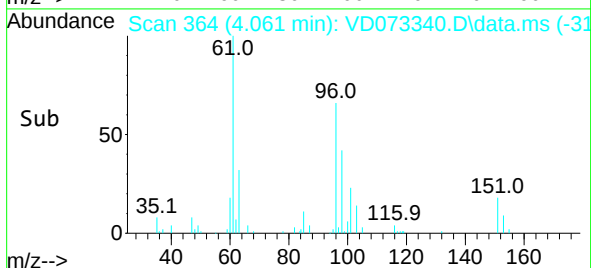
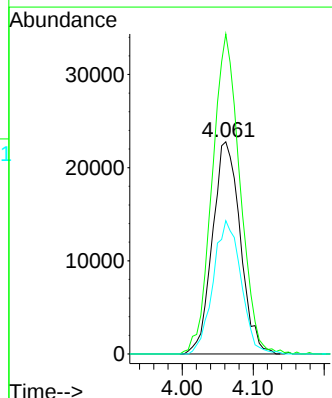
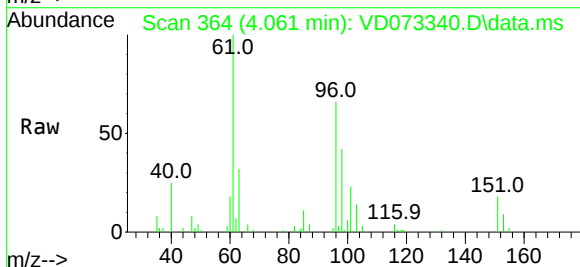
Tgt Ion: 96 Resp: 61710

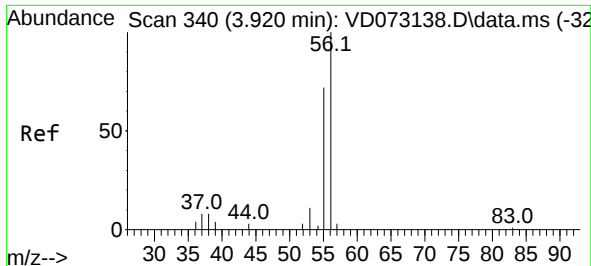
Ion Ratio Lower Upper

96 100

61 150.8 138.5 207.7

98 62.8 48.6 73.0

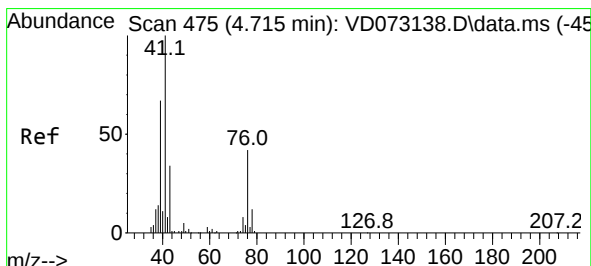
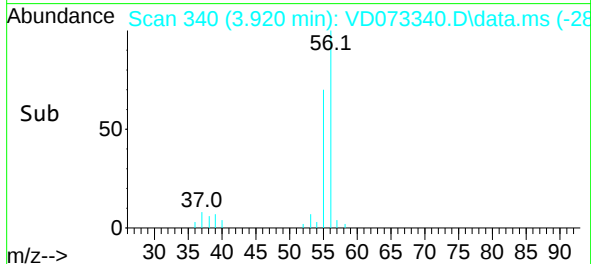
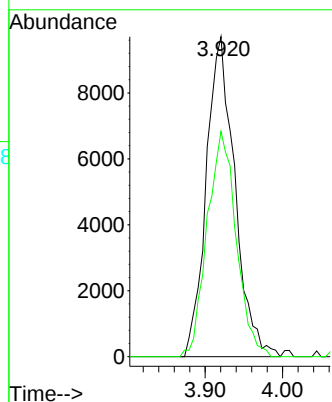
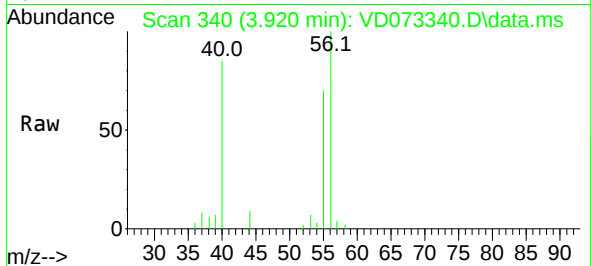




#13
Acrolein
Concen: 114.397 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

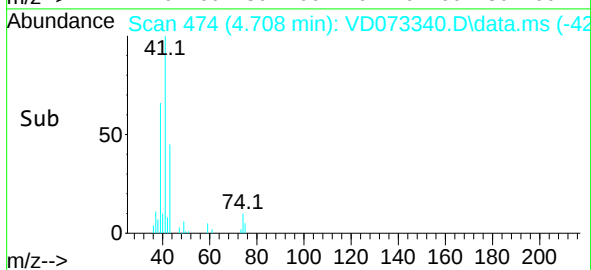
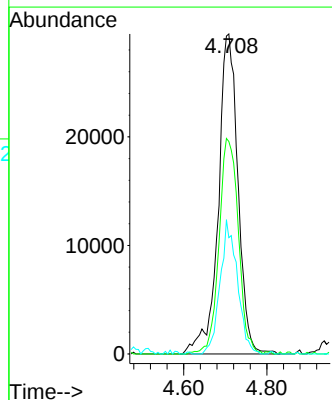
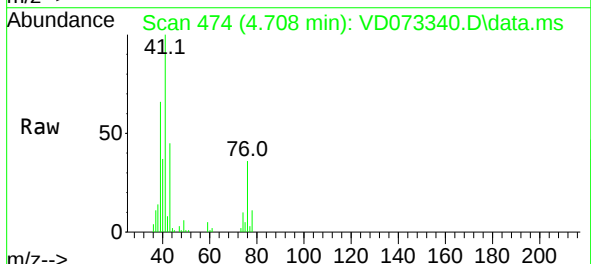
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

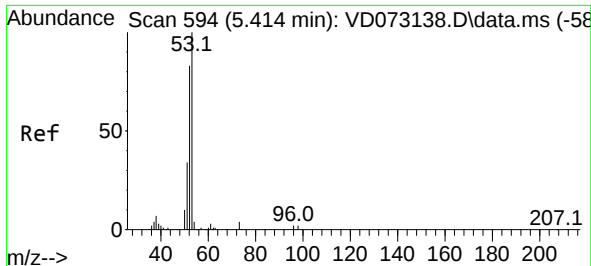
Tgt Ion: 56 Resp: 24827
Ion Ratio Lower Upper
56 100
55 71.6 57.1 85.7



#14
Allyl chloride
Concen: 20.248 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.007 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 41 Resp: 97103
Ion Ratio Lower Upper
41 100
39 66.0 59.3 88.9
76 36.6 25.7 38.5

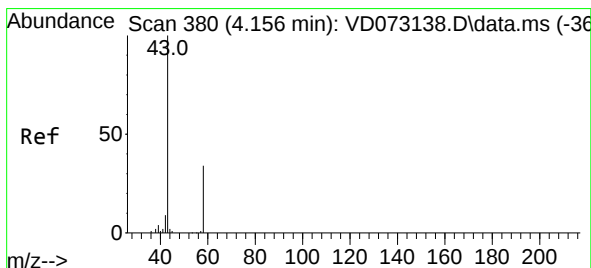
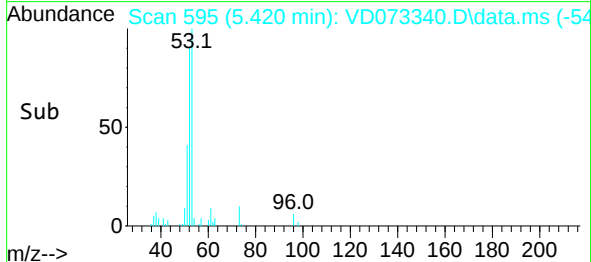
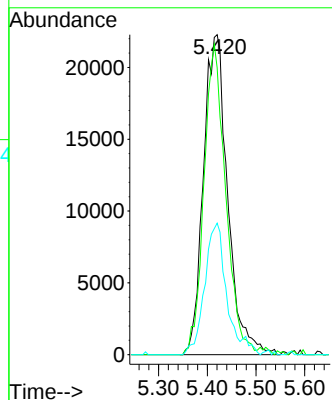
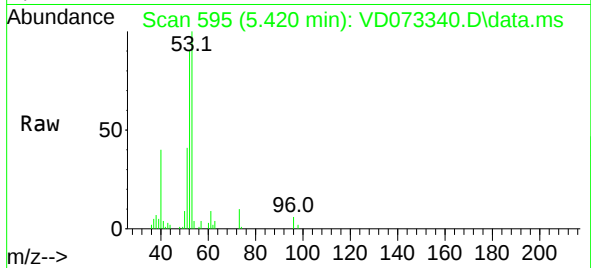




#15
Acrylonitrile
Concen: 113.531 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

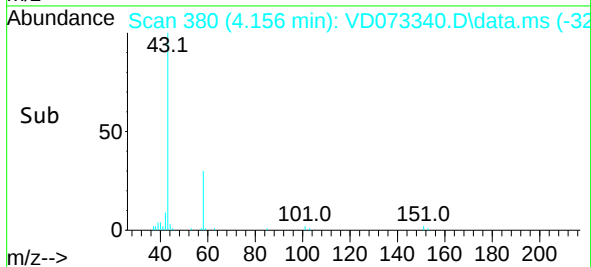
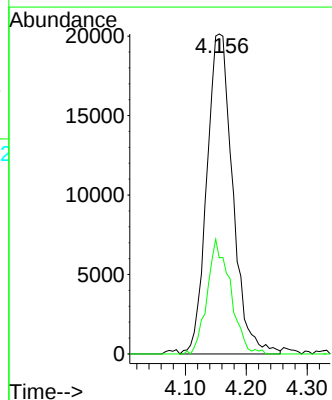
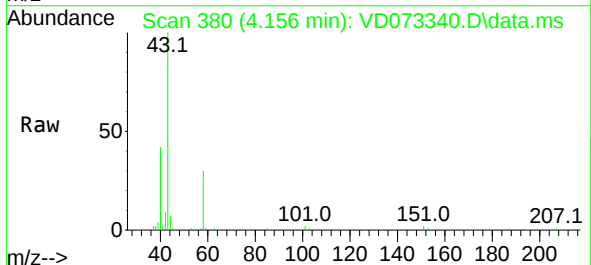
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

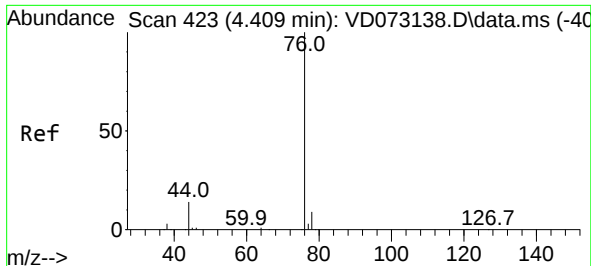
Tgt Ion: 53 Resp: 77046
Ion Ratio Lower Upper
53 100
52 87.1 67.2 100.8
51 35.5 30.3 45.5



#16
Acetone
Concen: 105.091 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 43 Resp: 59471
Ion Ratio Lower Upper
43 100
58 30.1 22.1 33.1

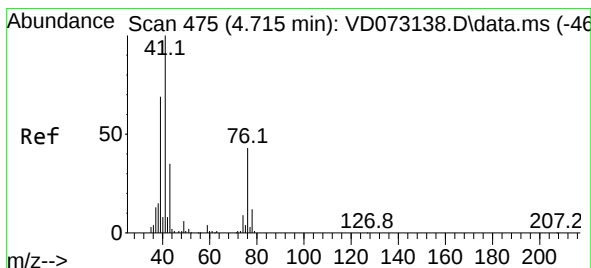
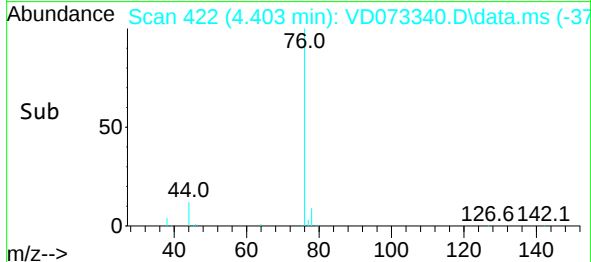
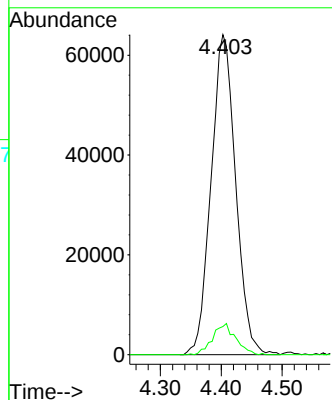
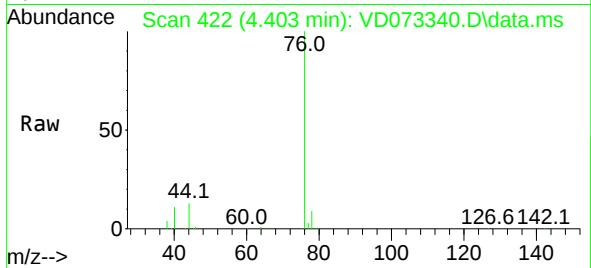




#17
Carbon Disulfide
Concen: 18.282 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

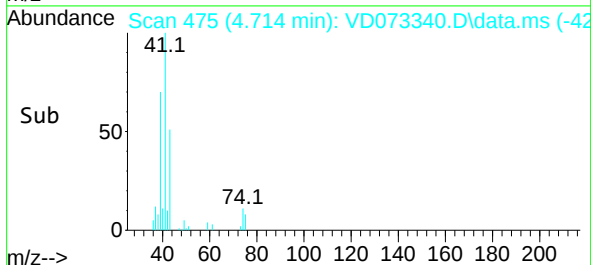
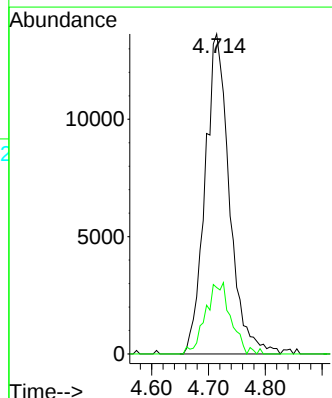
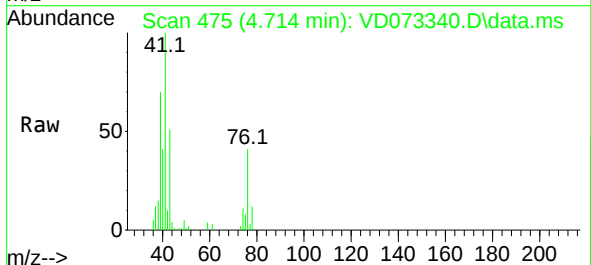
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

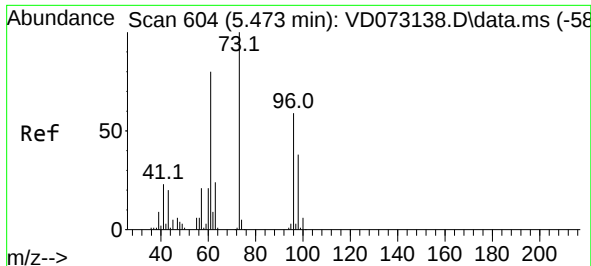
Tgt Ion: 76 Resp: 180062
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 25.805 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 43 Resp: 40607
Ion Ratio Lower Upper
43 100
74 22.7 16.7 25.1

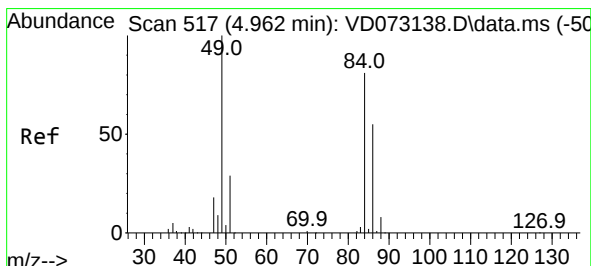
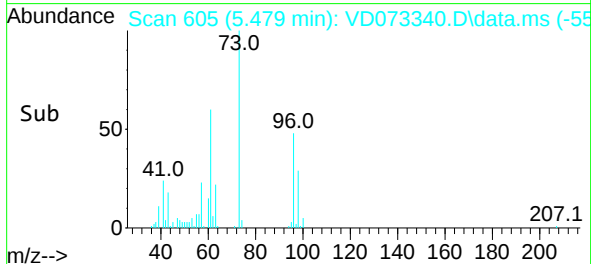
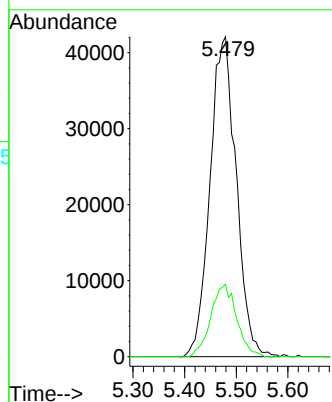
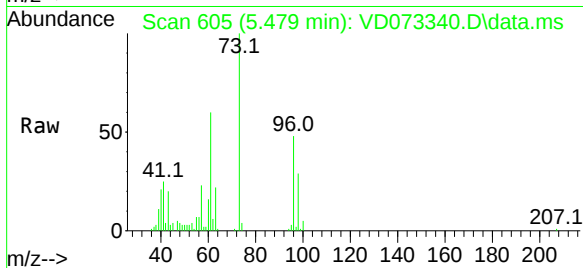




#19
Methyl tert-butyl Ether
Concen: 21.867 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

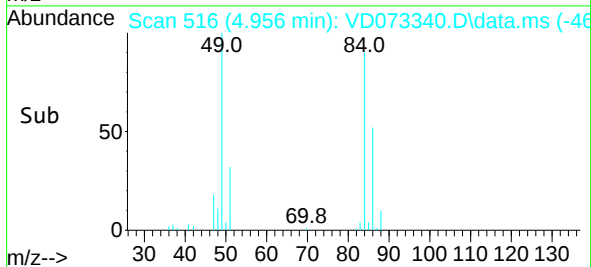
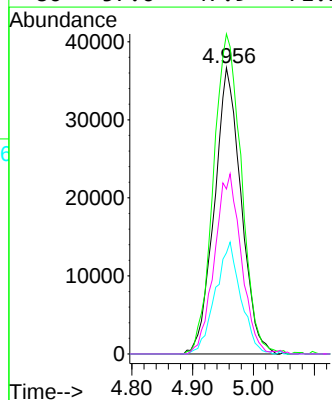
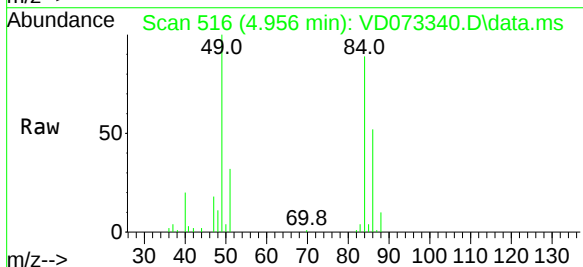
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

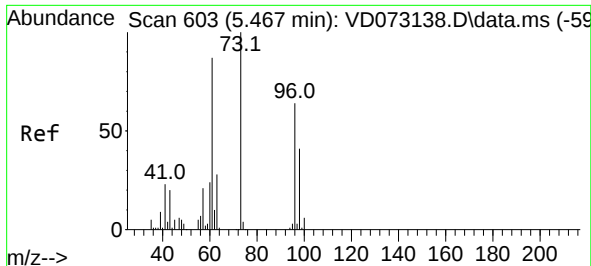
Tgt Ion: 73 Resp: 148002
Ion Ratio Lower Upper
73 100
57 22.6 18.0 27.0



#20
Methylene Chloride
Concen: 29.475 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 84 Resp: 111681
Ion Ratio Lower Upper
84 100
49 111.8 112.8 169.2#
51 35.4 32.6 48.8
86 57.6 47.9 71.9

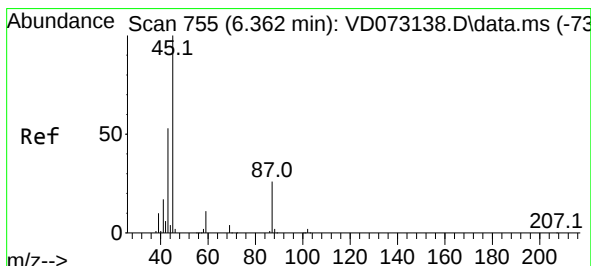
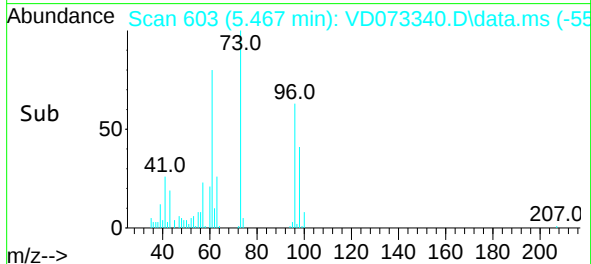
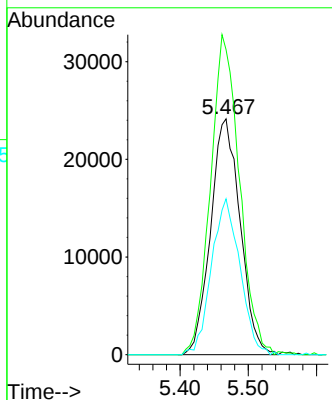
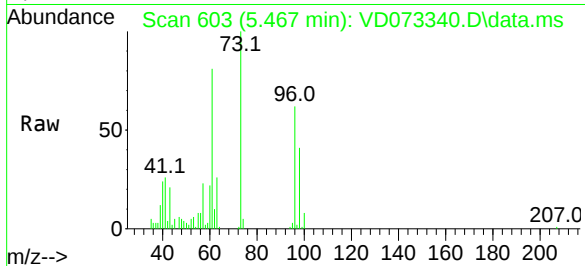




#21
trans-1,2-Dichloroethene
Concen: 20.268 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

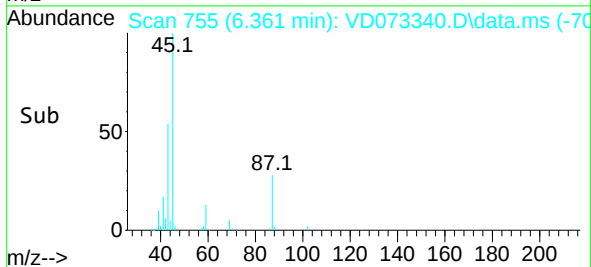
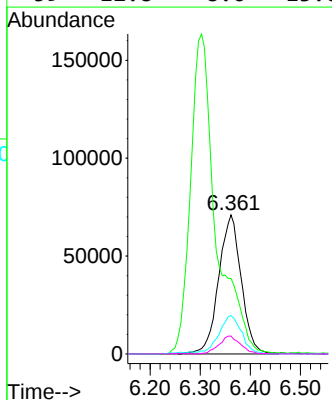
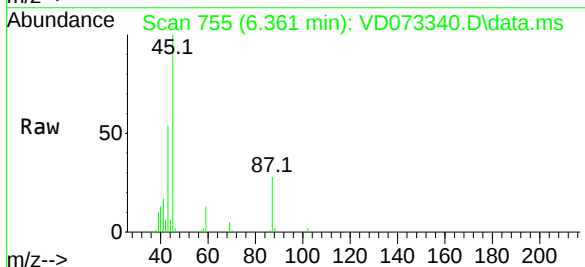
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

Tgt Ion: 96 Resp: 72808
Ion Ratio Lower Upper
96 100
61 129.3 117.9 176.9
98 66.1 49.4 74.2



#22
Diisopropyl ether
Concen: 22.085 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 45 Resp: 222025
Ion Ratio Lower Upper
45 100
43 53.5 46.6 70.0
87 27.6 18.4 27.6#
59 12.8 8.6 13.0

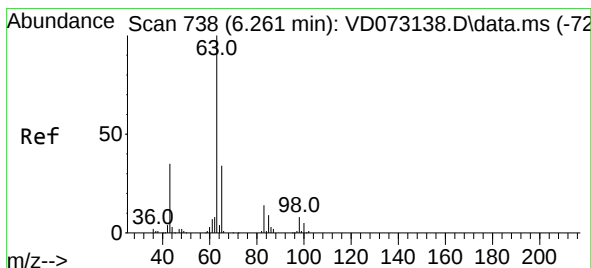
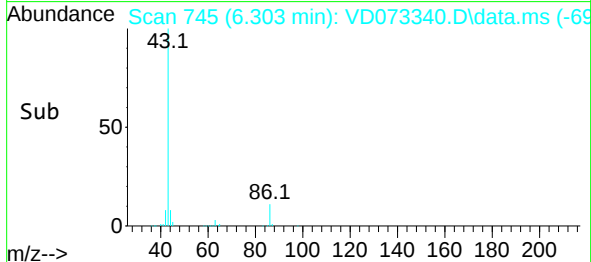
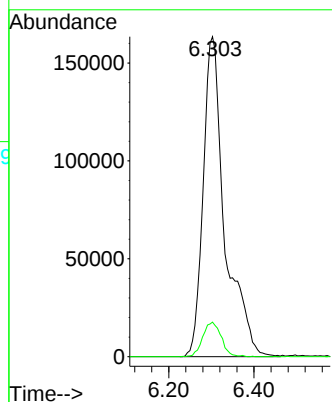
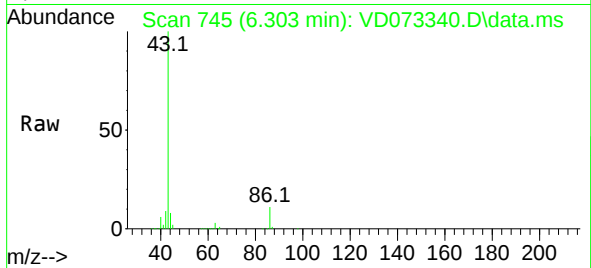




#23
 Vinyl Acetate
 Concen: 107.436 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073340.D
 Acq: 24 May 2022 23:57

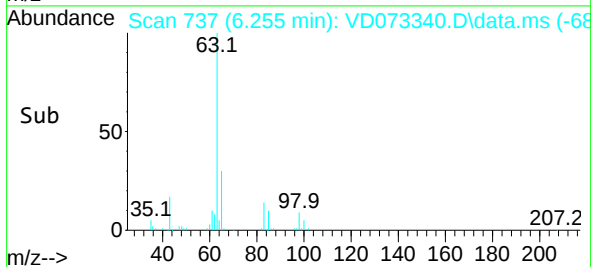
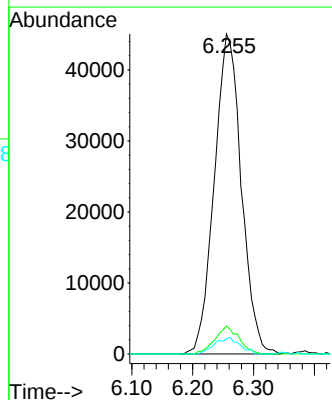
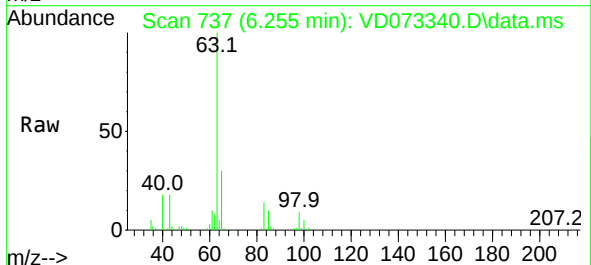
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS02

Tgt Ion: 43 Resp: 576111
 Ion Ratio Lower Upper
 43 100
 86 10.8 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 21.512 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD073340.D
 Acq: 24 May 2022 23:57

Tgt Ion: 63 Resp: 138814
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.6 10.9
 100 4.6 2.1 6.5

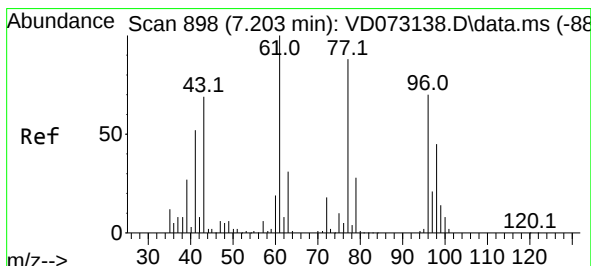
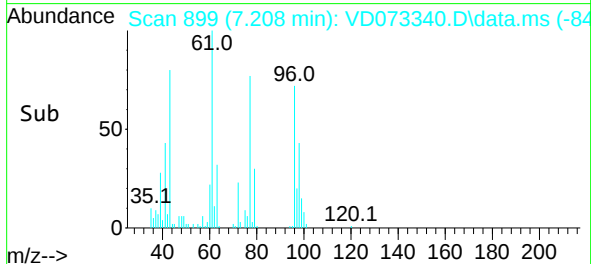
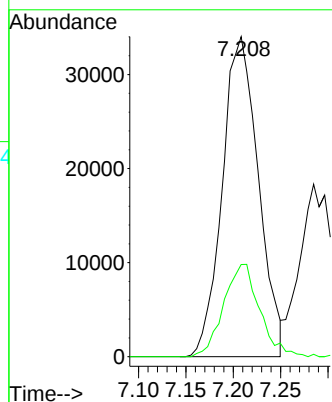
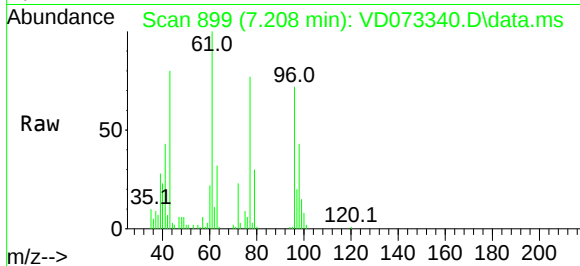




#25
2-Butanone
Concen: 109.056 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

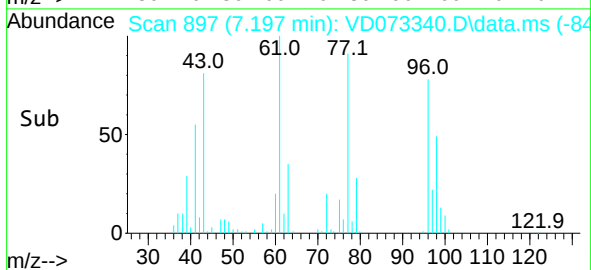
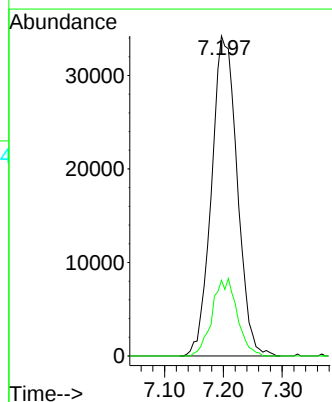
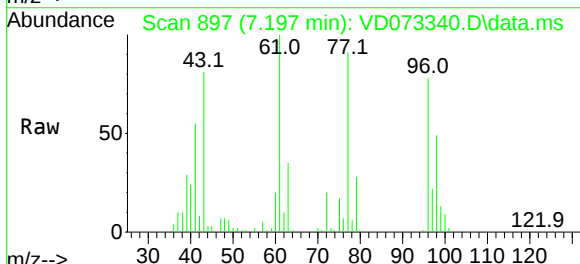
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

Tgt Ion: 43 Resp: 90291
Ion Ratio Lower Upper
43 100
72 28.8 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 18.880 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 77 Resp: 103899
Ion Ratio Lower Upper
77 100
97 23.5 10.8 32.4

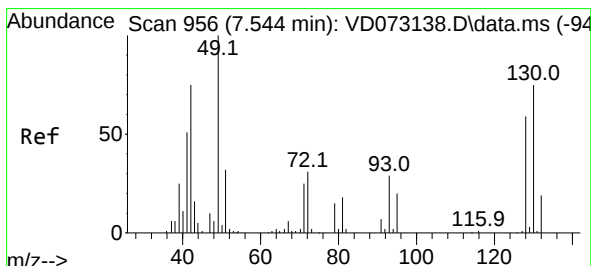
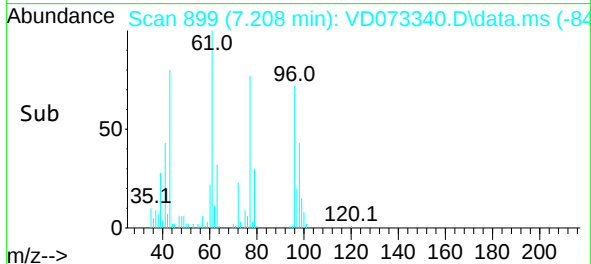
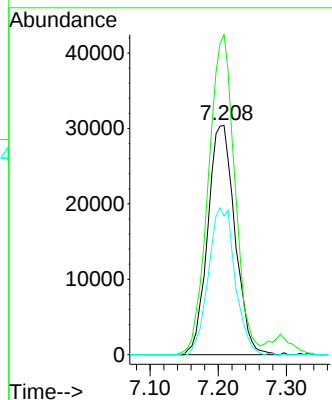
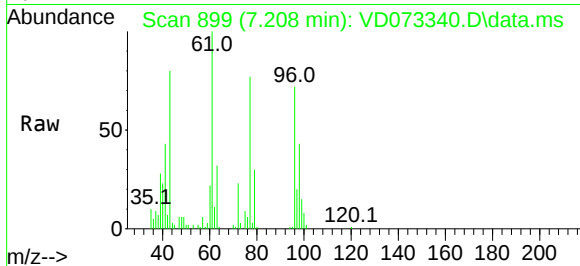




#27
 cis-1,2-Dichloroethene
 Concen: 21.197 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073340.D
 Acq: 24 May 2022 23:57

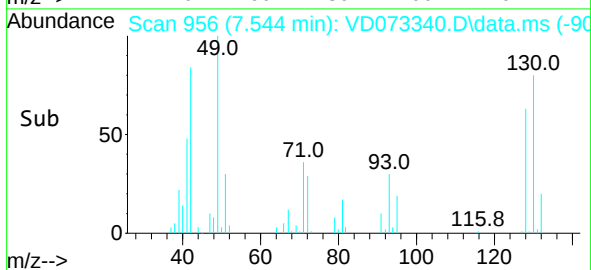
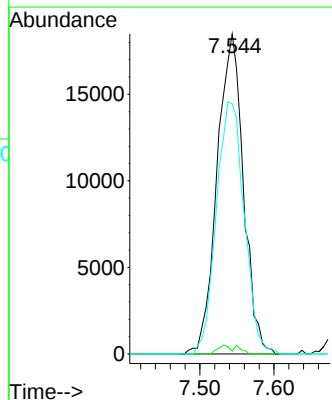
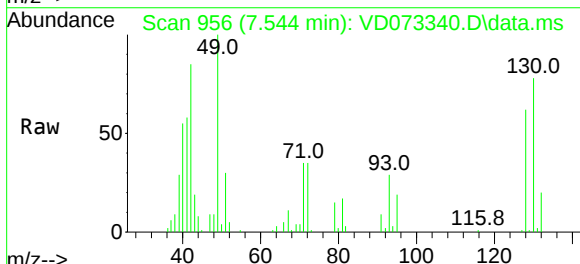
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS02

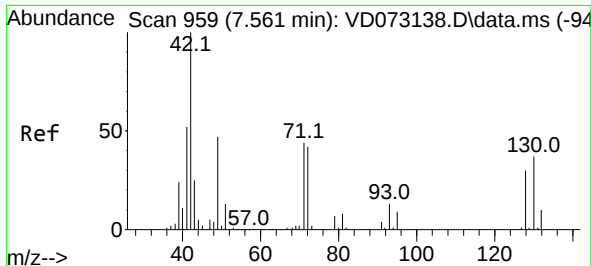
Tgt Ion: 96 Resp: 84253
 Ion Ratio Lower Upper
 96 100
 61 135.8 0.0 313.8
 98 62.9 0.0 128.8



#28
 Bromochloromethane
 Concen: 20.480 ug/l
 RT: 7.544 min Scan# 956
 Delta R.T. -0.000 min
 Lab File: VD073340.D
 Acq: 24 May 2022 23:57

Tgt Ion: 49 Resp: 45530
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.0
 130 83.7 52.6 79.0#





#29

Tetrahydrofuran

Concen: 110.919 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS02

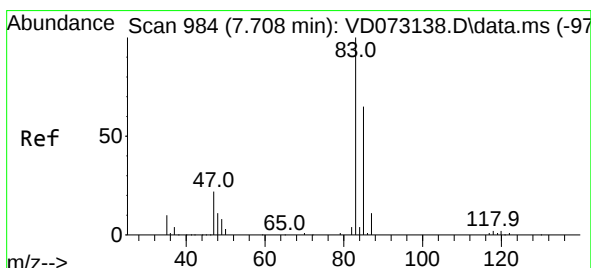
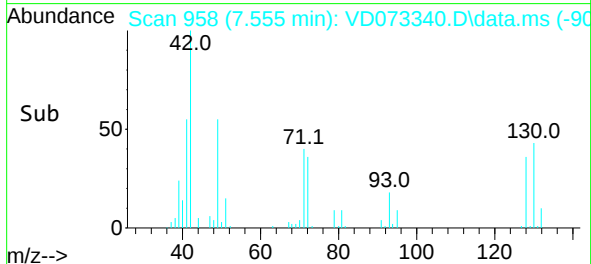
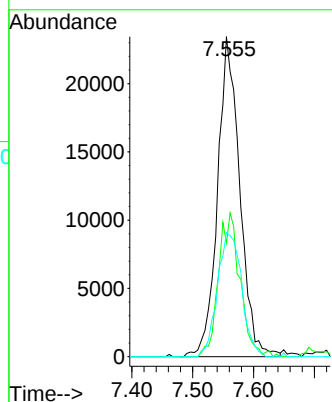
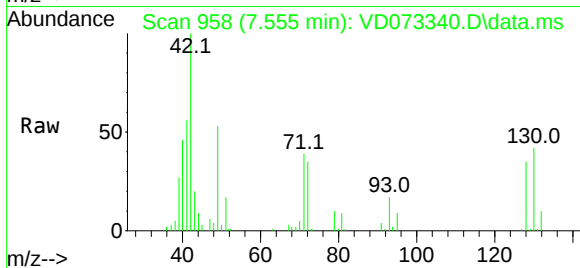
Tgt Ion: 42 Resp: 59381

Ion Ratio Lower Upper

42 100

72 43.5 30.7 46.1

71 42.1 28.6 43.0



#30

Chloroform

Concen: 22.073 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD073340.D

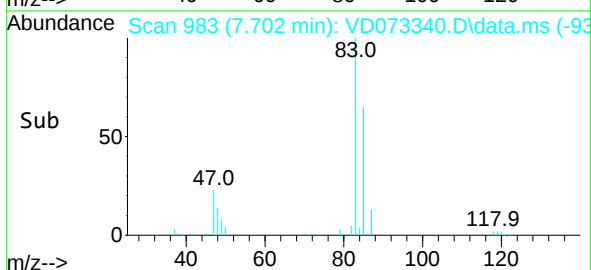
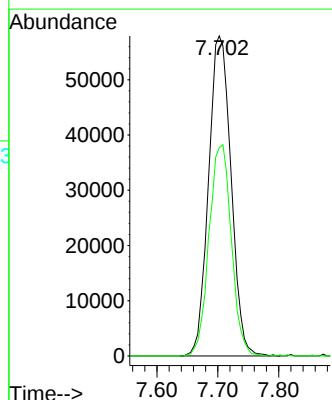
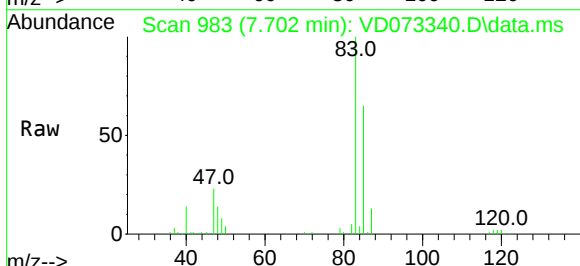
Acq: 24 May 2022 23:57

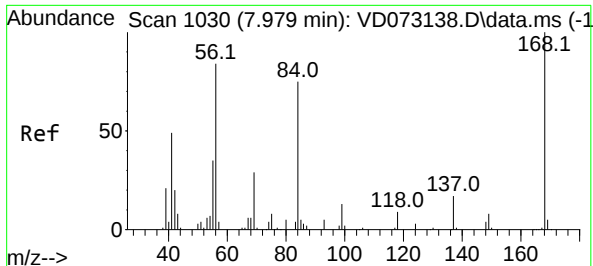
Tgt Ion: 83 Resp: 148698

Ion Ratio Lower Upper

83 100

85 65.1 52.7 79.1





#31

Cyclohexane

Concen: 18.950 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS02

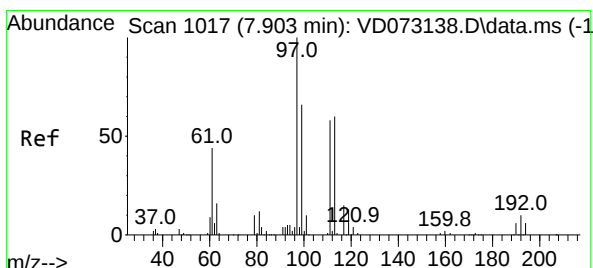
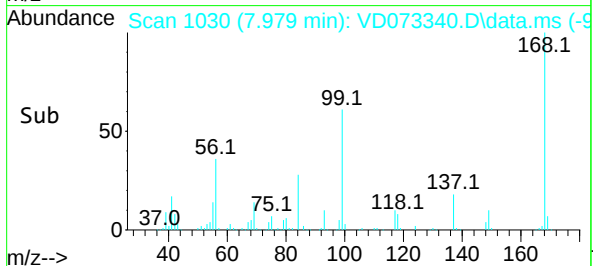
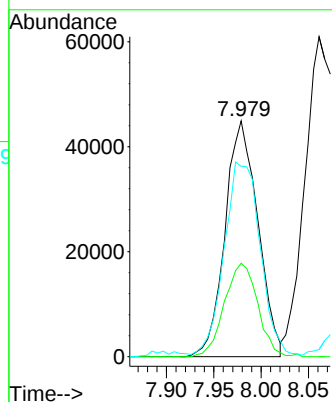
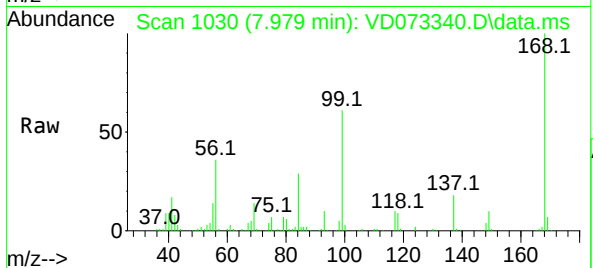
Tgt Ion: 56 Resp: 108194

Ion Ratio Lower Upper

56 100

69 39.6 25.4 38.2#

84 79.4 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 21.197 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

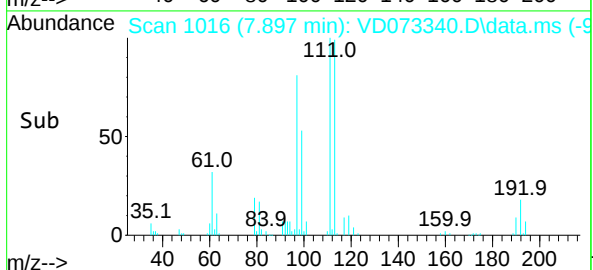
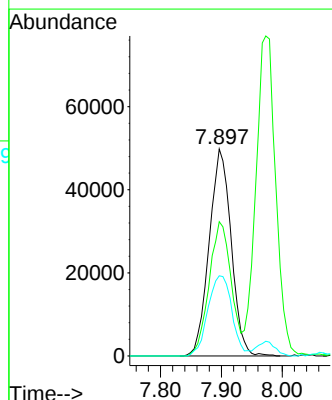
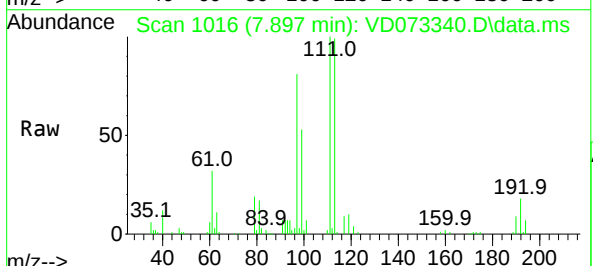
Tgt Ion: 97 Resp: 124898

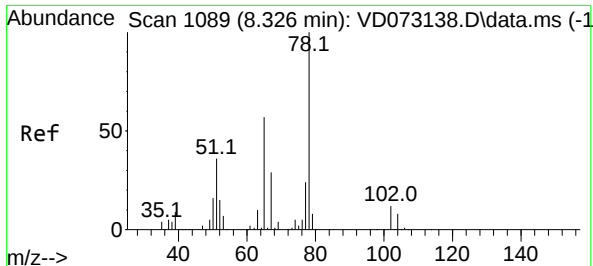
Ion Ratio Lower Upper

97 100

99 64.8 52.4 78.6

61 42.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 58.298 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

Instrument :

MSVOA_D

ClientSampleId :

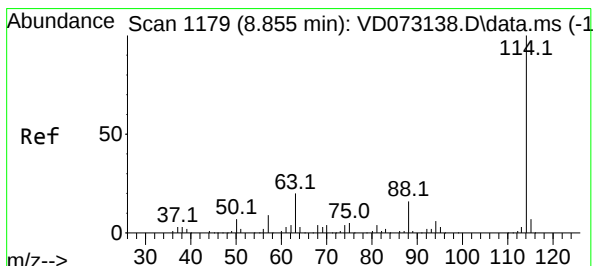
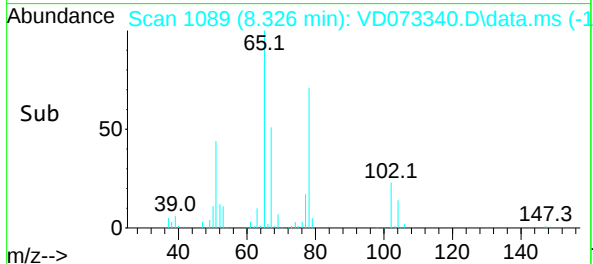
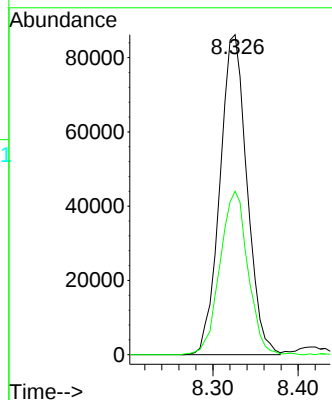
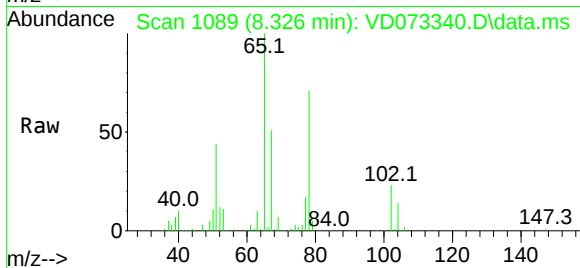
VD0524SBS02

Tgt Ion: 65 Resp: 190468

Ion Ratio Lower Upper

65 100

67 52.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

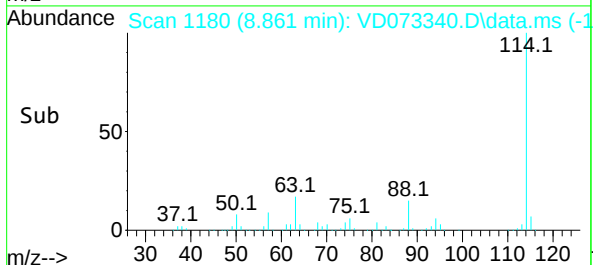
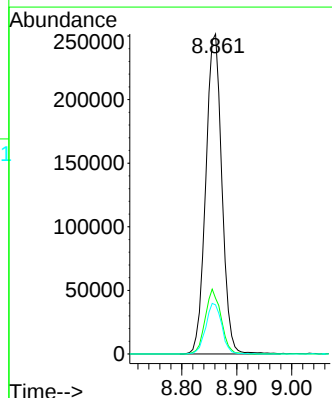
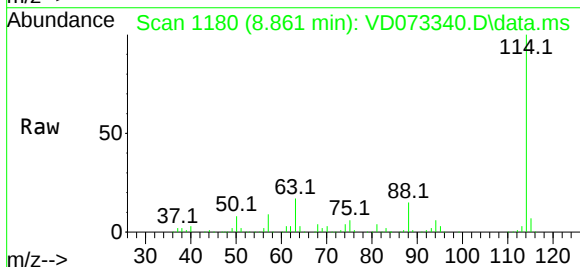
Tgt Ion: 114 Resp: 510482

Ion Ratio Lower Upper

114 100

63 17.4 0.0 46.6

88 15.3 0.0 33.2

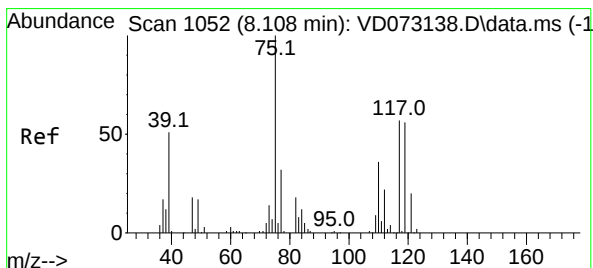
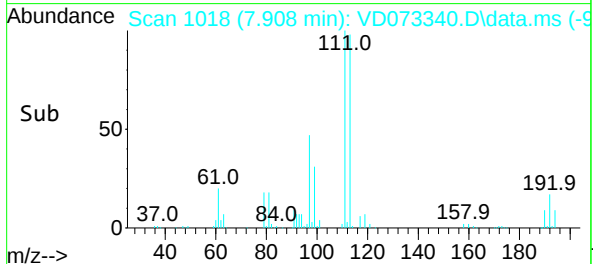
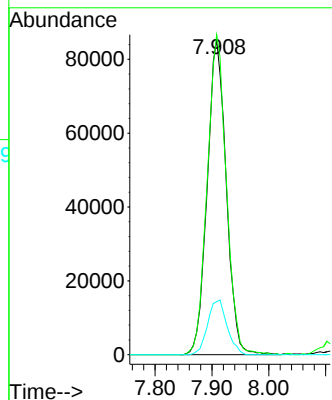
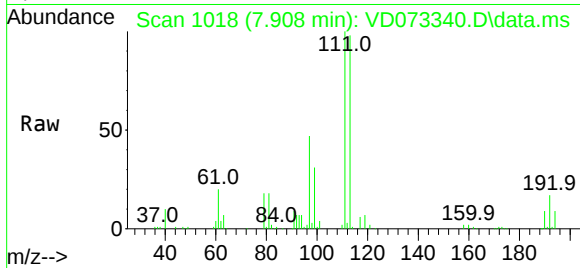




#35
Dibromofluoromethane
Concen: 58.685 ug/l
RT: 7.908 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

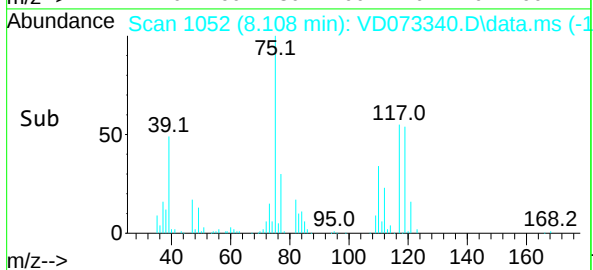
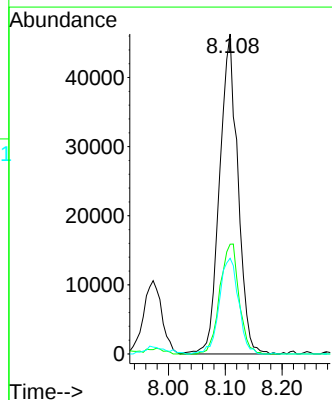
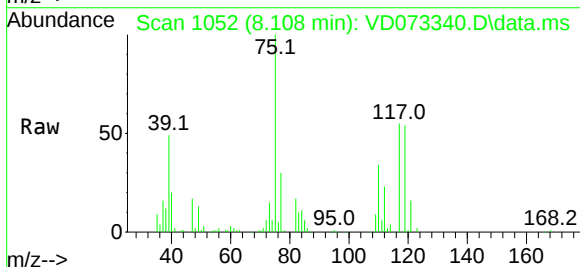
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

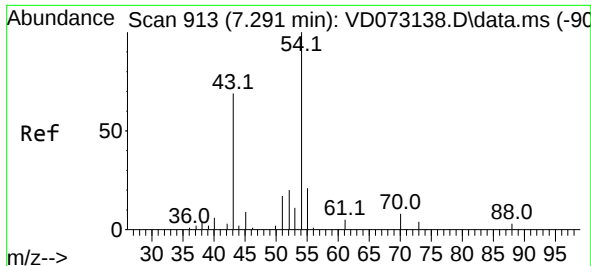
Tgt Ion:113 Resp: 197681
Ion Ratio Lower Upper
113 100
111 102.2 83.8 125.6
192 17.7 14.6 21.8



#36
1,1-Dichloropropene
Concen: 20.434 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 75 Resp: 103521
Ion Ratio Lower Upper
75 100
110 36.2 16.4 49.1
77 31.6 24.2 36.2





#37

Ethyl Acetate

Concen: 24.203 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS02

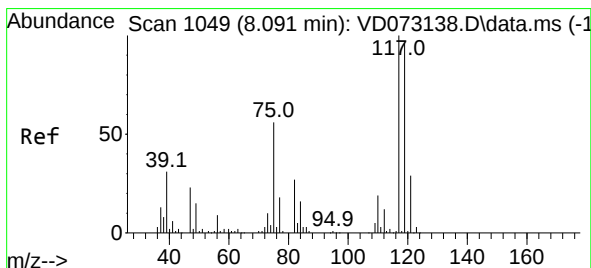
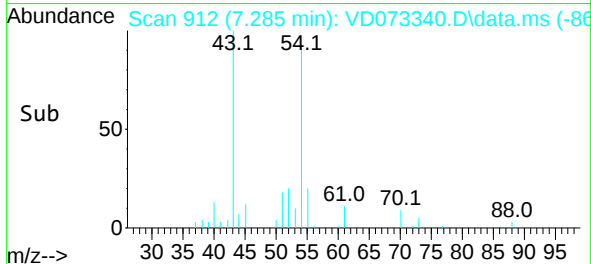
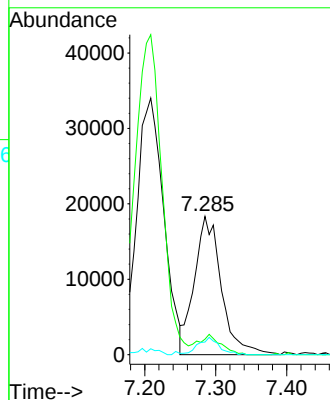
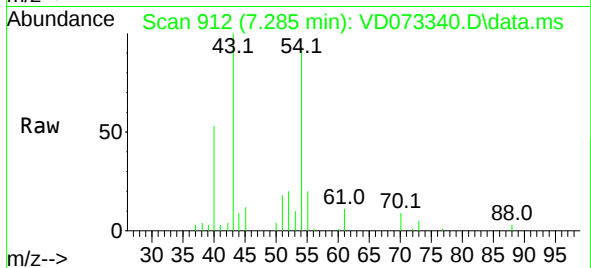
Tgt Ion: 43 Resp: 48432

Ion Ratio Lower Upper

43 100

61 12.5 9.8 14.8

70 9.7 6.9 10.3



#38

Carbon Tetrachloride

Concen: 21.155 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

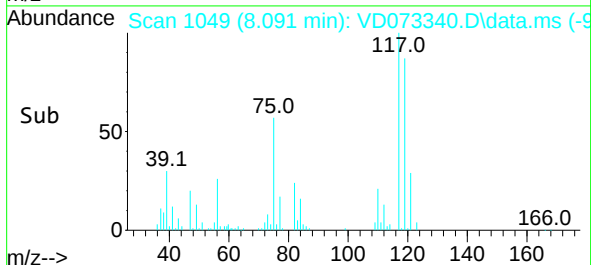
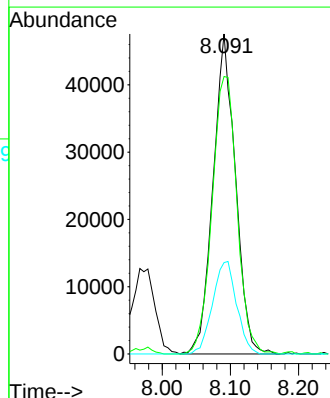
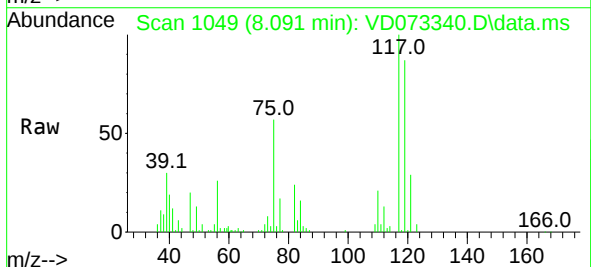
Tgt Ion: 117 Resp: 108641

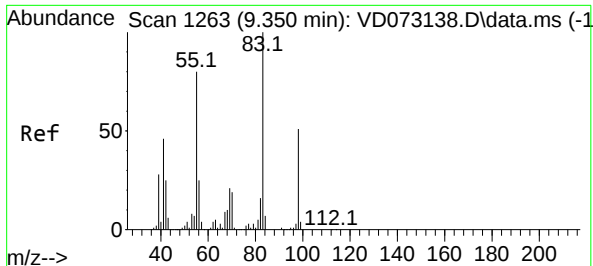
Ion Ratio Lower Upper

117 100

119 86.7 75.8 113.6

121 28.6 24.5 36.7





#39

Methylcyclohexane

Concen: 18.721 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS02

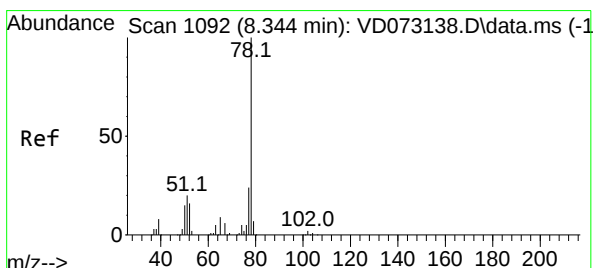
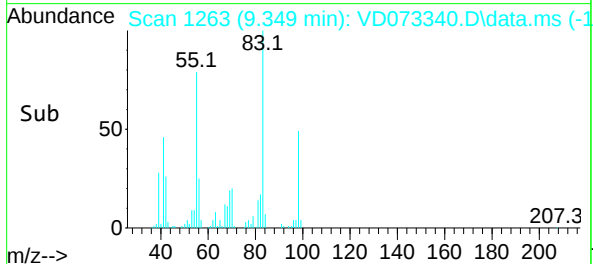
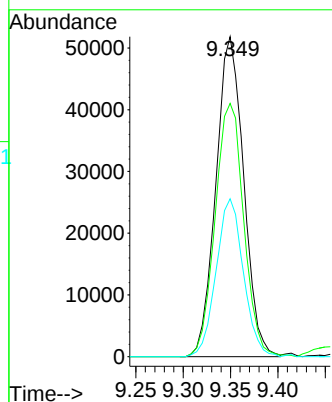
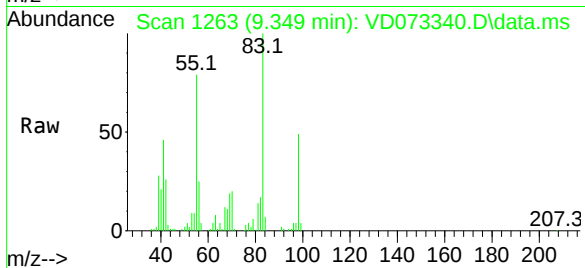
Tgt Ion: 83 Resp: 105697

Ion Ratio Lower Upper

83 100

55 79.1 63.2 94.8

98 49.3 38.2 57.4



#40

Benzene

Concen: 21.369 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073340.D

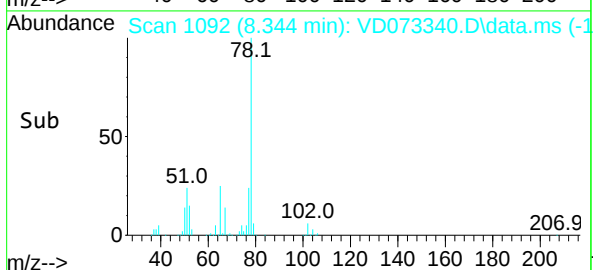
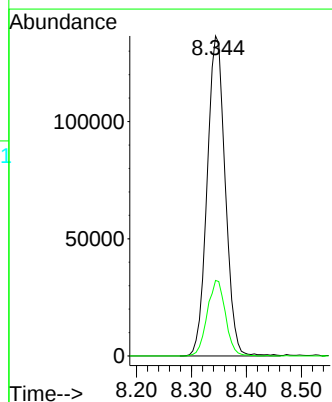
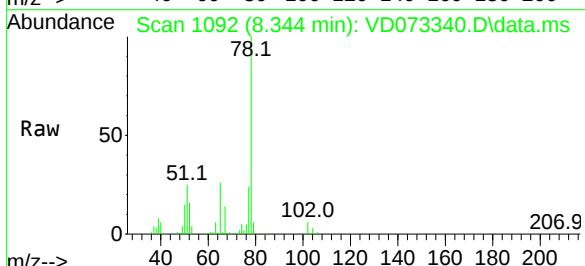
Acq: 24 May 2022 23:57

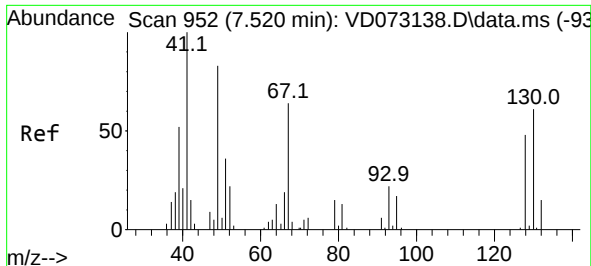
Tgt Ion: 78 Resp: 311998

Ion Ratio Lower Upper

78 100

77 23.6 19.1 28.7

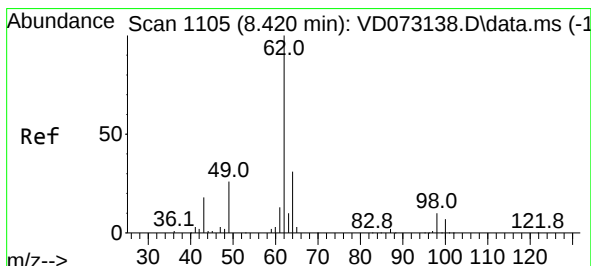
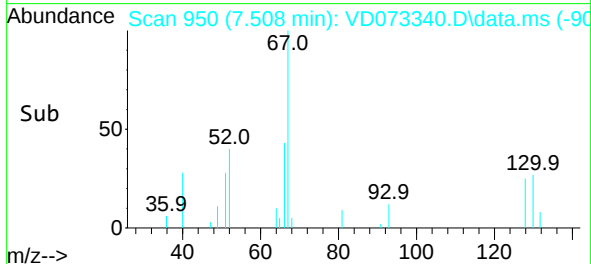
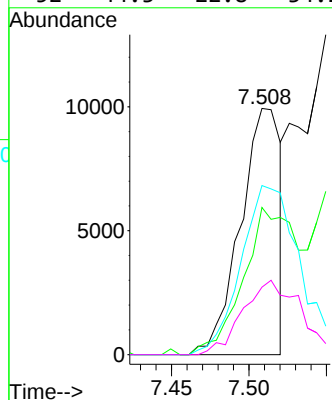
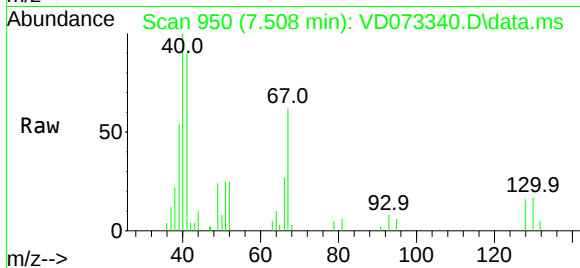




#41
Methacrylonitrile
Concen: 15.417 ug/l
RT: 7.508 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

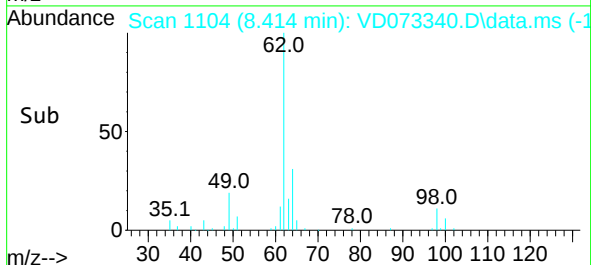
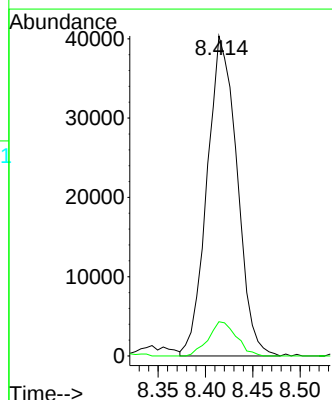
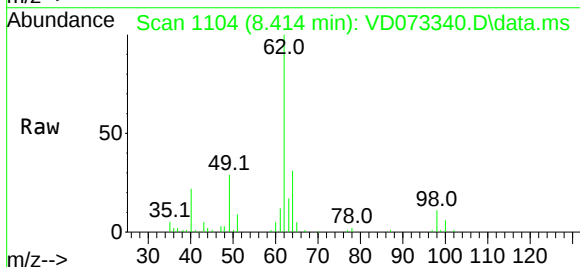
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

Tgt Ion: 41 Resp: 17975
Ion Ratio Lower Upper
41 100
39 75.4 44.6 67.0#
67 101.4 48.2 72.4#
52 44.3 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 21.850 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 62 Resp: 88770
Ion Ratio Lower Upper
62 100
98 10.1 0.0 17.6

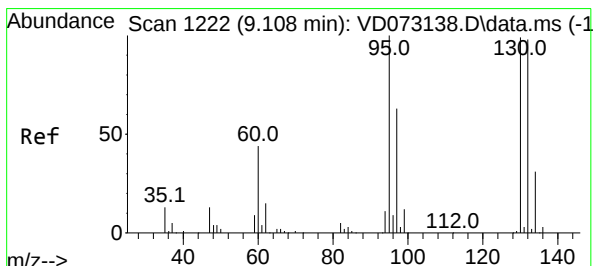
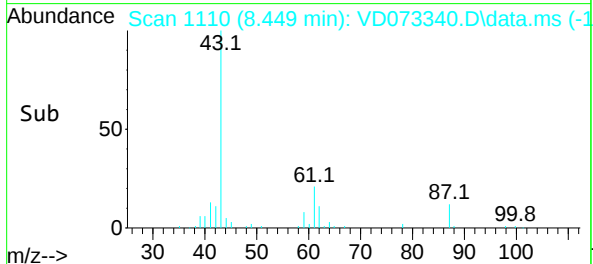
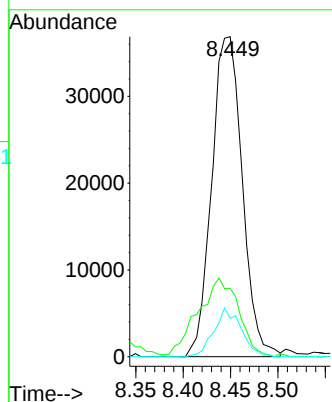
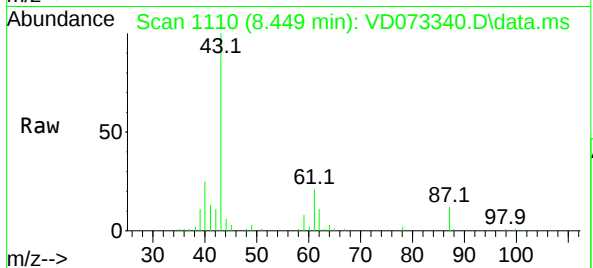




#43
Isopropyl Acetate
Concen: 22.362 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. 0.005 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

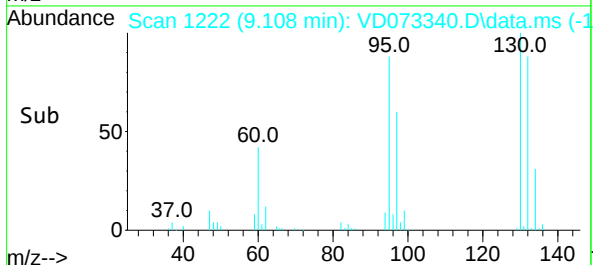
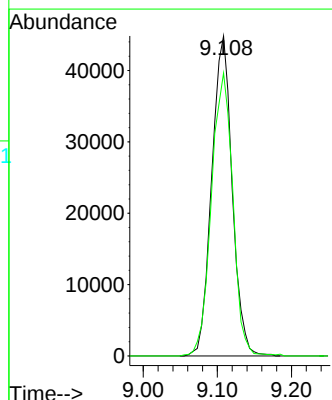
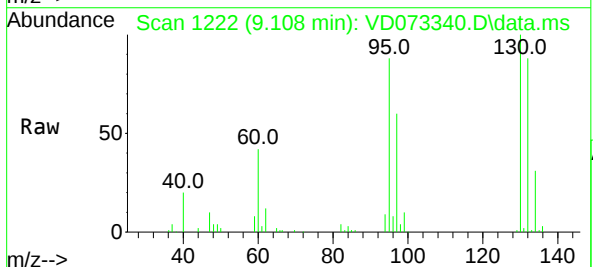
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

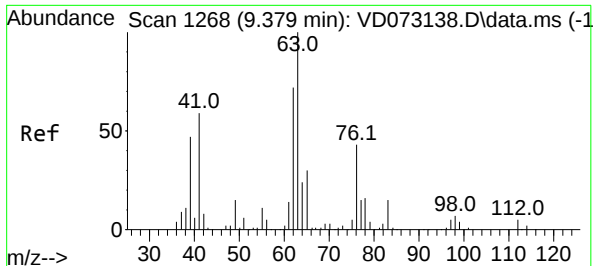
Tgt Ion: 43 Resp: 82711
Ion Ratio Lower Upper
43 100
61 32.7 22.4 33.6
87 13.5 8.7 13.1#



#44
Trichloroethene
Concen: 22.090 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 130 Resp: 86008
Ion Ratio Lower Upper
130 100
95 88.4 0.0 205.4





#45

1,2-Dichloropropane

Concen: 22.028 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

Instrument :

MSVOA_D

ClientSampleId :

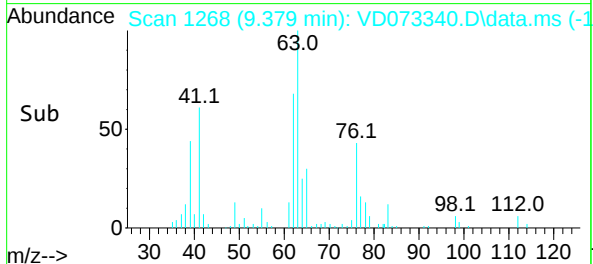
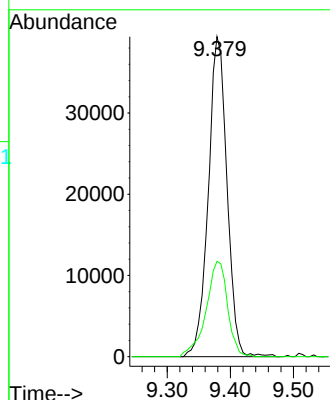
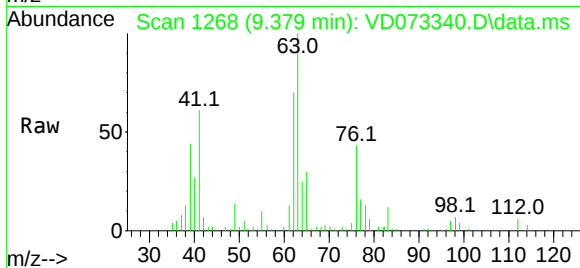
VD0524SBS02

Tgt Ion: 63 Resp: 80996

Ion Ratio Lower Upper

63 100

65 29.8 26.2 39.4



#46

Dibromomethane

Concen: 22.490 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. 0.000 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

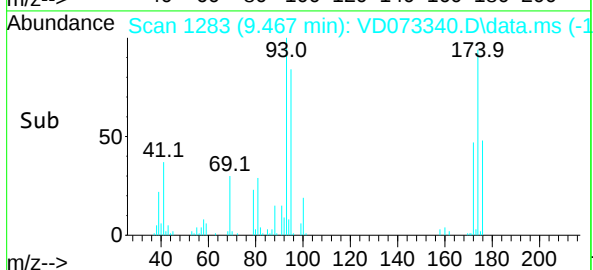
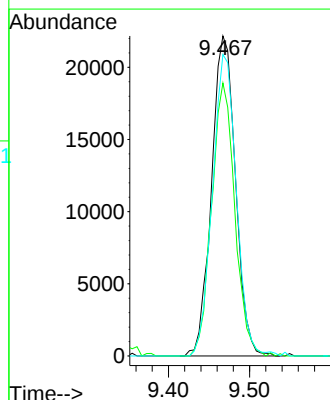
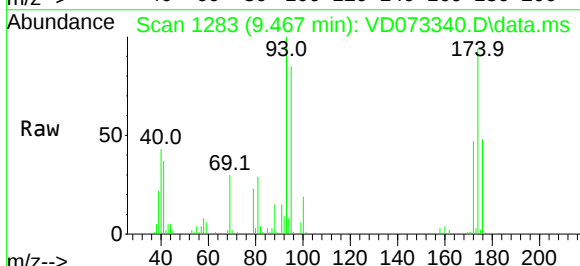
Tgt Ion: 93 Resp: 45419

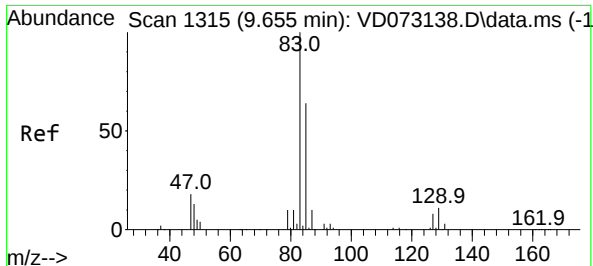
Ion Ratio Lower Upper

93 100

95 82.6 66.7 100.1

174 94.0 71.6 107.4





#47

Bromodichloromethane

Concen: 22.159 ug/l

RT: 9.655 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS02

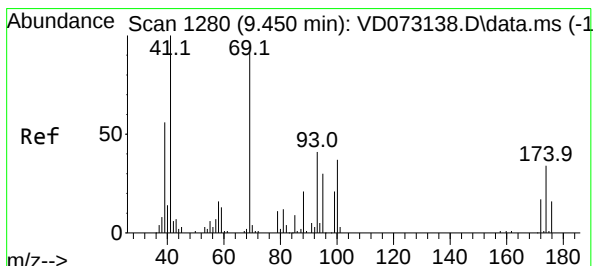
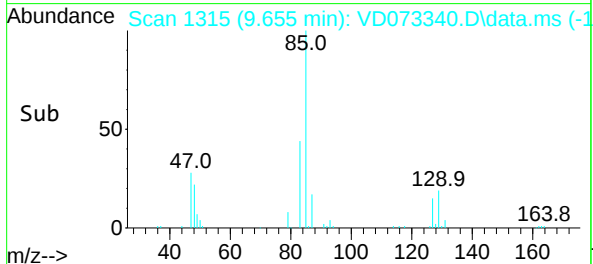
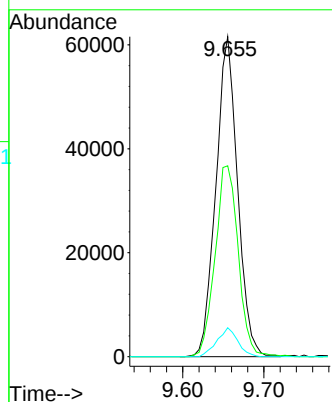
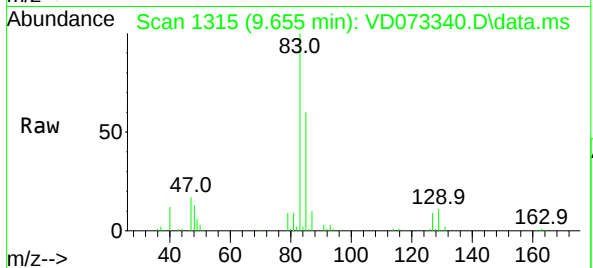
Tgt Ion: 83 Resp: 114502

Ion Ratio Lower Upper

83 100

85 59.7 51.4 77.0

127 9.1 6.1 9.1



#48

Methyl methacrylate

Concen: 19.972 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.001 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

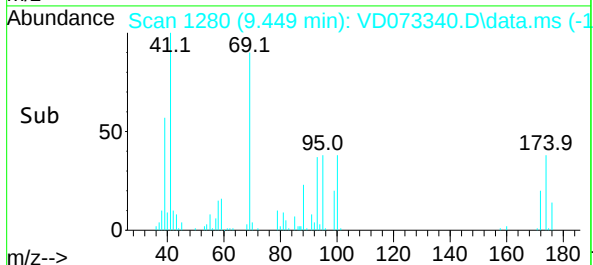
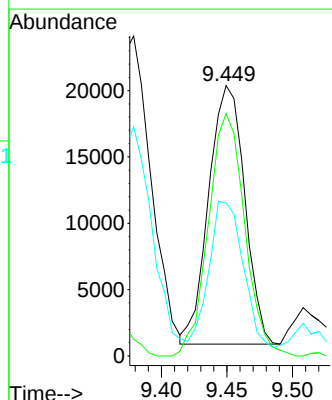
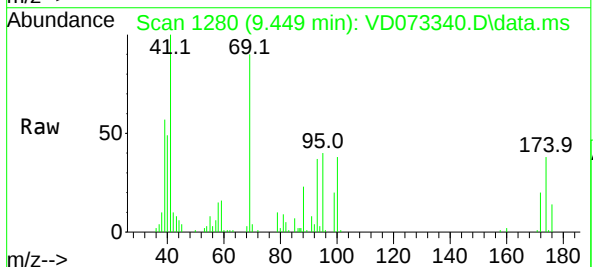
Tgt Ion: 41 Resp: 37166

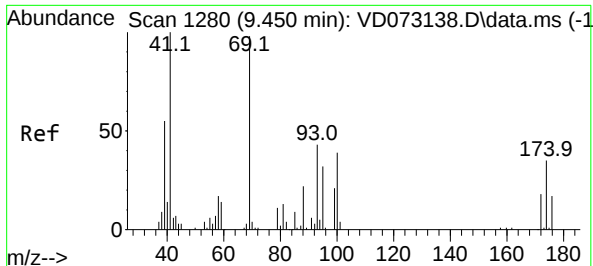
Ion Ratio Lower Upper

41 100

69 94.9 56.7 85.1#

39 53.6 42.7 64.1





#49

1,4-Dioxane

Concen: 468.226 ug/l

RT: 9.455 min Scan# 1280

Delta R.T. 0.005 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS02

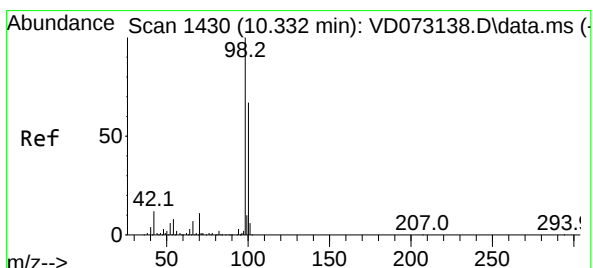
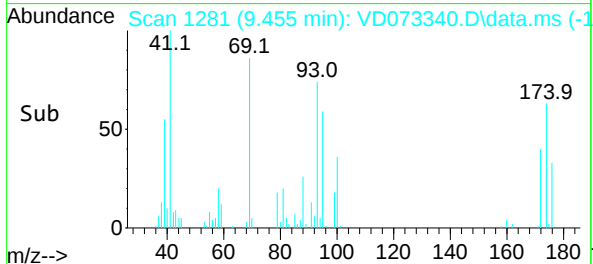
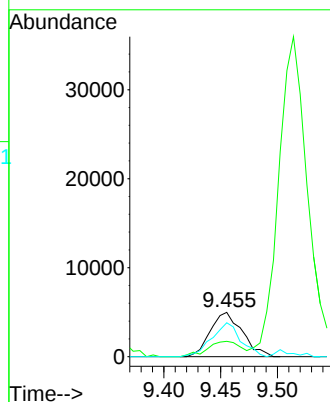
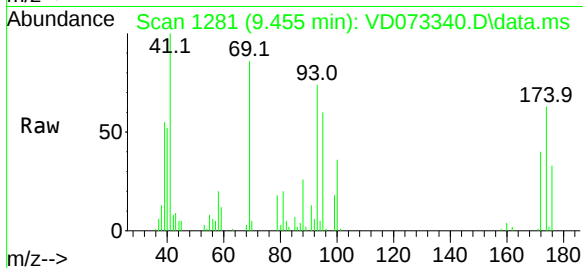
Tgt Ion: 88 Resp: 9765

Ion Ratio Lower Upper

88 100

43 36.0 31.0 46.4

58 69.8 58.1 87.1



#50

Toluene-d8

Concen: 57.051 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073340.D

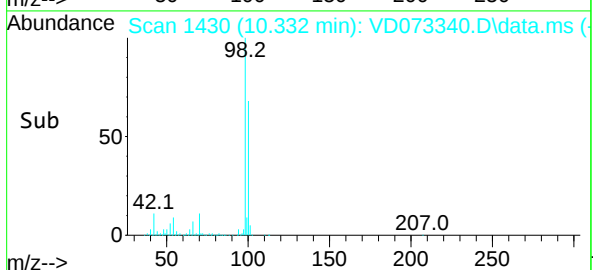
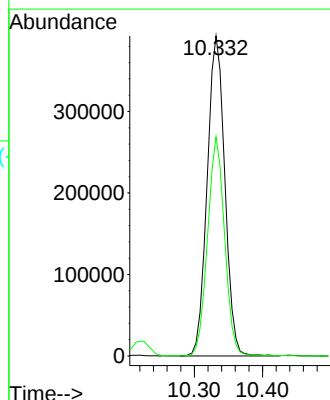
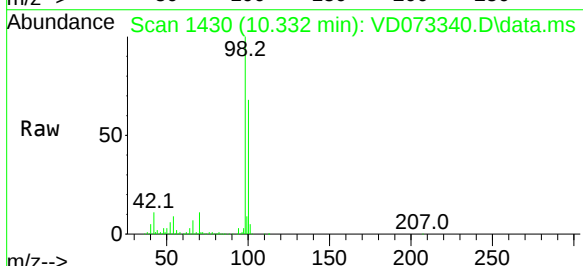
Acq: 24 May 2022 23:57

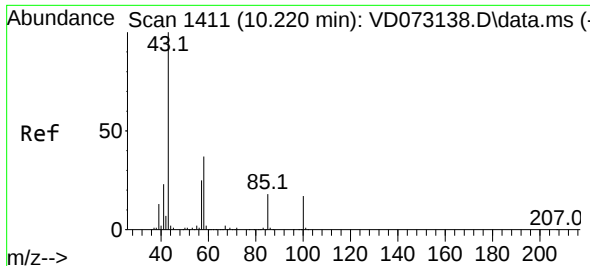
Tgt Ion: 98 Resp: 708415

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6

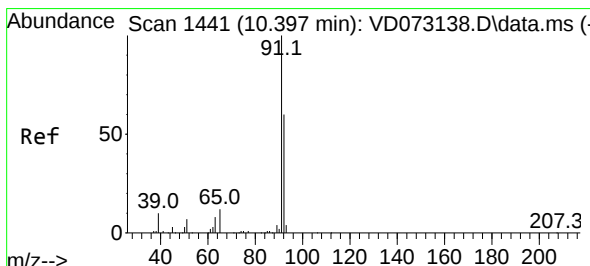
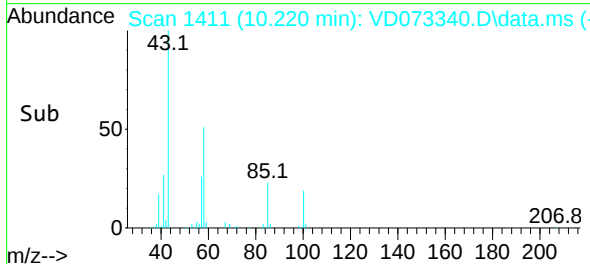
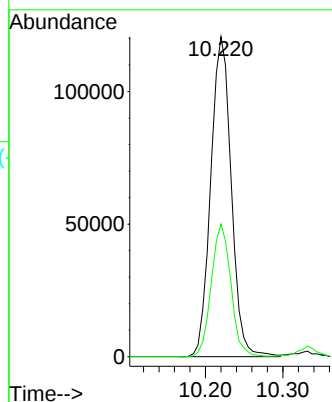
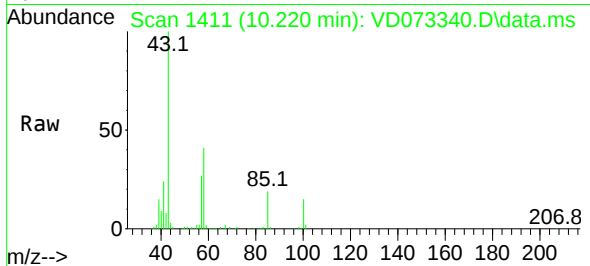




#51
4-Methyl-2-Pentanone
Concen: 115.540 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

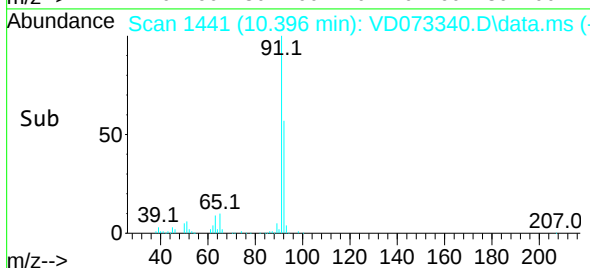
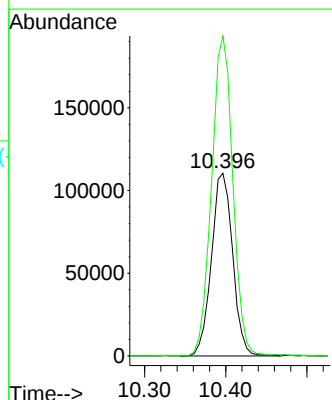
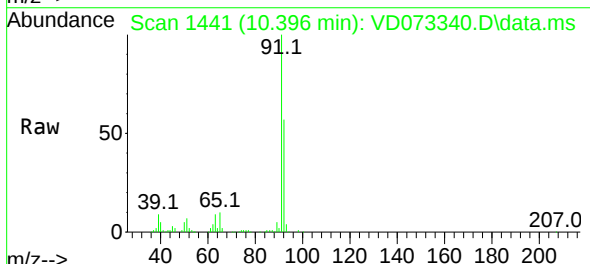
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

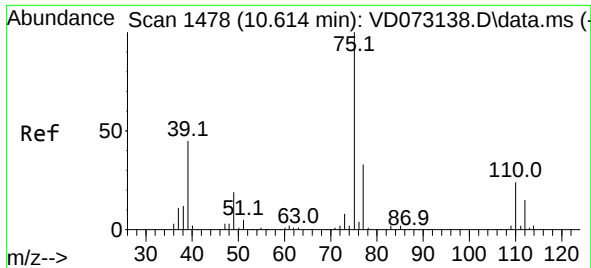
Tgt Ion: 43 Resp: 221960
Ion Ratio Lower Upper
43 100
58 39.5 28.6 43.0



#52
Toluene
Concen: 21.708 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 92 Resp: 200292
Ion Ratio Lower Upper
92 100
91 175.5 139.6 209.4

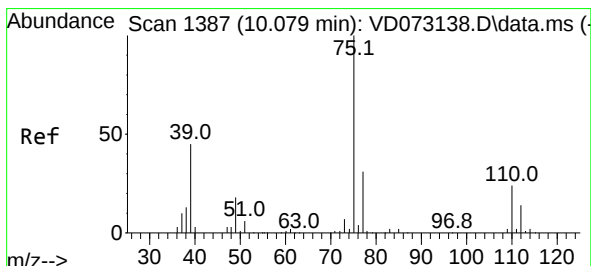
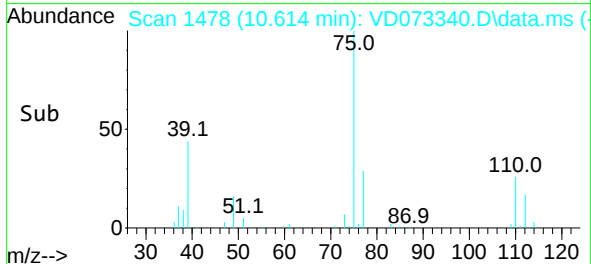
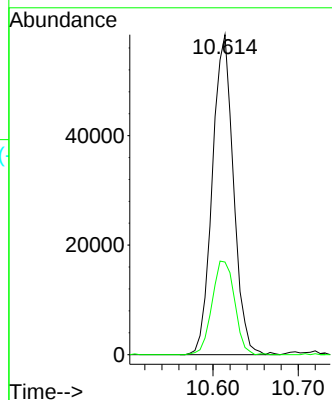
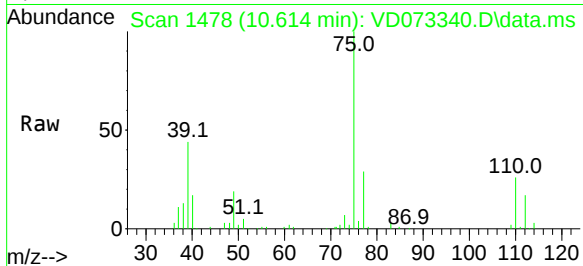




#53
 t-1,3-Dichloropropene
 Concen: 21.583 ug/l
 RT: 10.614 min Scan# 1478
 Delta R.T. 0.000 min
 Lab File: VD073340.D
 Acq: 24 May 2022 23:57

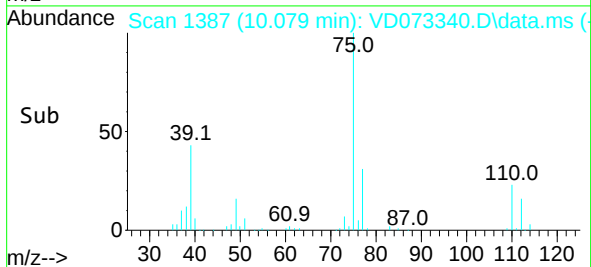
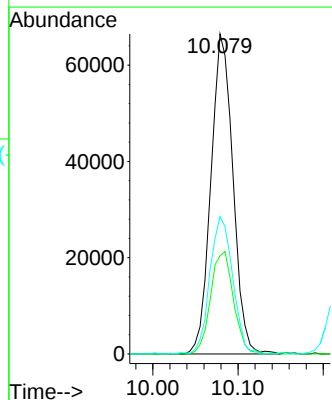
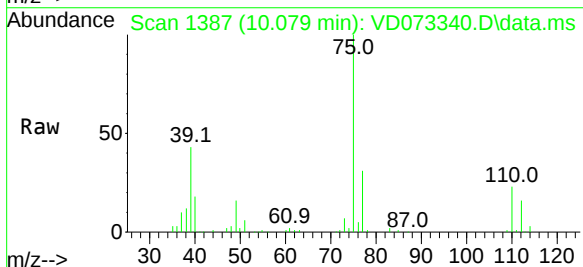
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS02

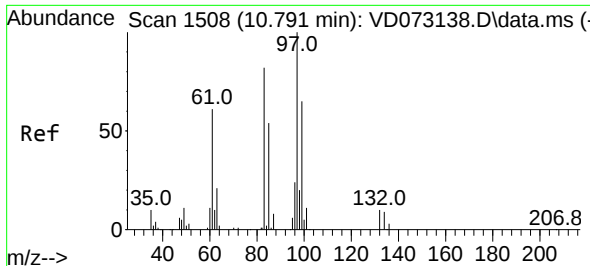
Tgt Ion: 75 Resp: 100756
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 21.419 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.000 min
 Lab File: VD073340.D
 Acq: 24 May 2022 23:57

Tgt Ion: 75 Resp: 119654
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.8 37.2
 39 42.6 46.8 70.2#

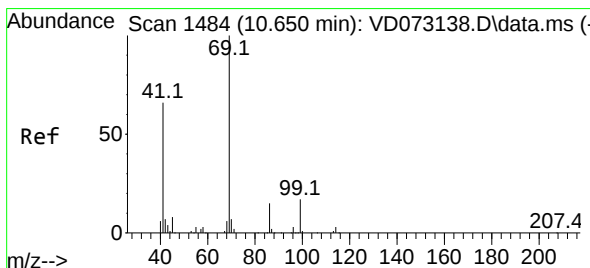
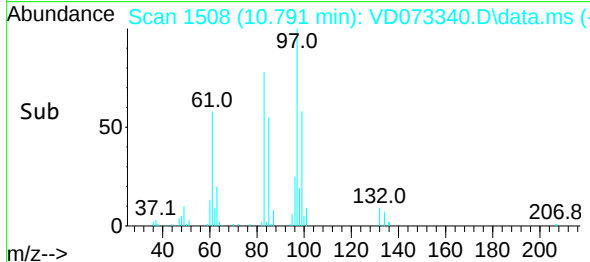
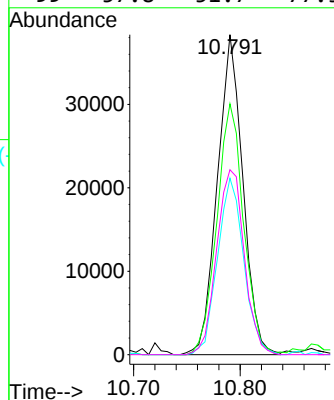
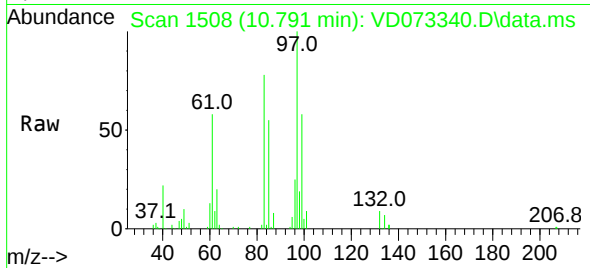




#55
1,1,2-Trichloroethane
Concen: 23.284 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.001 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

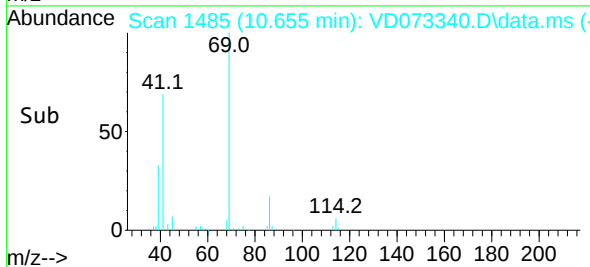
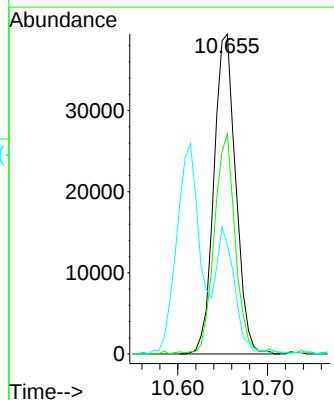
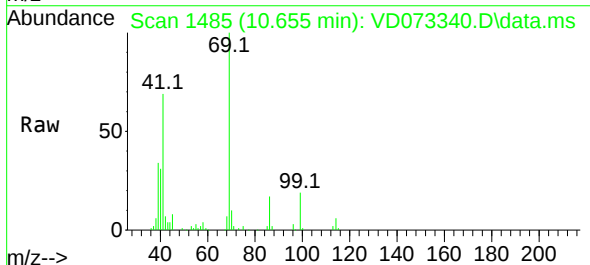
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

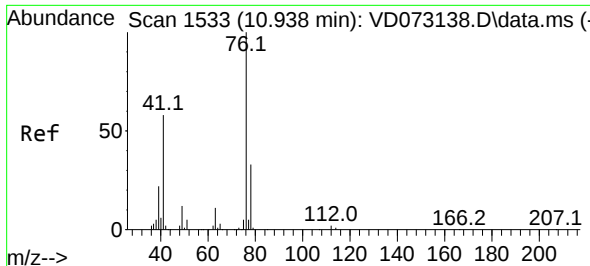
Tgt Ion: 97	Resp: 63586
Ion Ratio	Lower Upper
97 100	
83 78.4	69.0 103.4
85 55.1	42.6 63.8
99 57.8	51.7 77.5



#56
Ethyl methacrylate
Concen: 21.921 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 69	Resp: 66559
Ion Ratio	Lower Upper
69 100	
41 66.2	63.0 94.6
39 32.6	33.8 50.8#

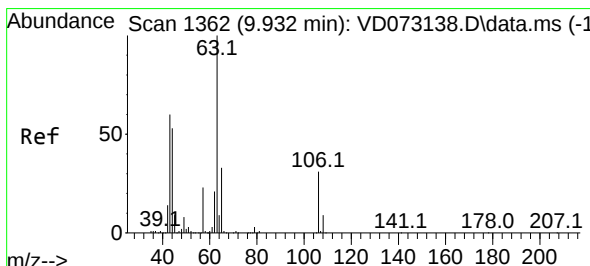
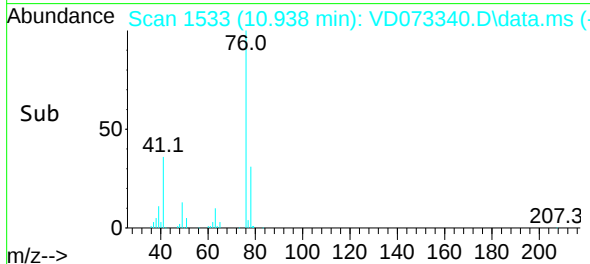
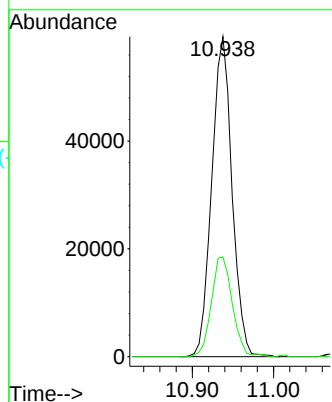
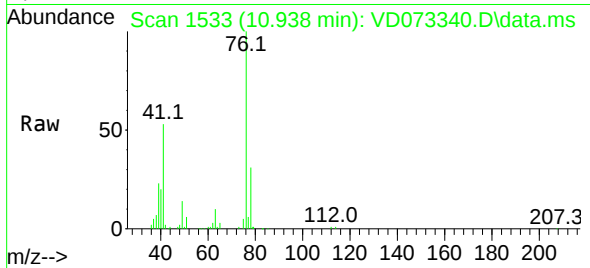




#57
1,3-Dichloropropane
Concen: 22.483 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

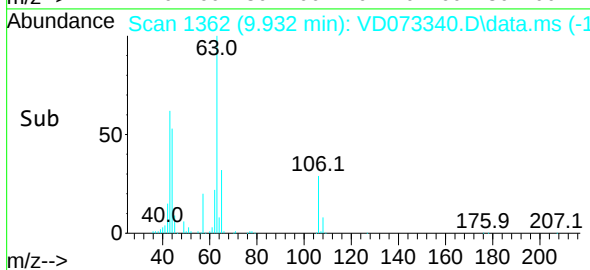
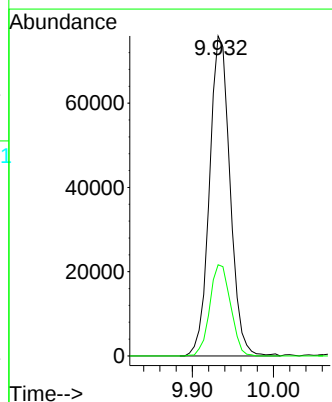
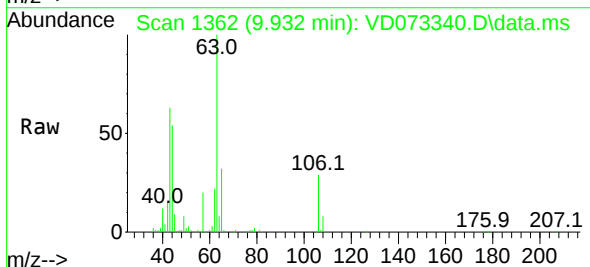
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

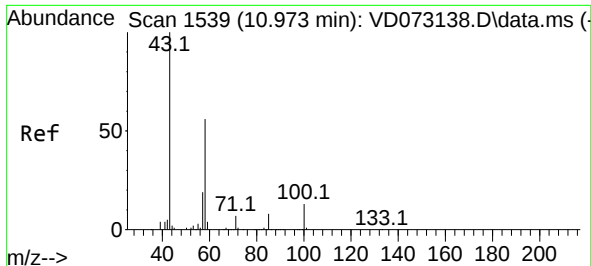
Tgt Ion: 76 Resp: 103022
Ion Ratio Lower Upper
76 100
78 32.2 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 106.243 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 63 Resp: 133630
Ion Ratio Lower Upper
63 100
106 28.8 21.4 32.0

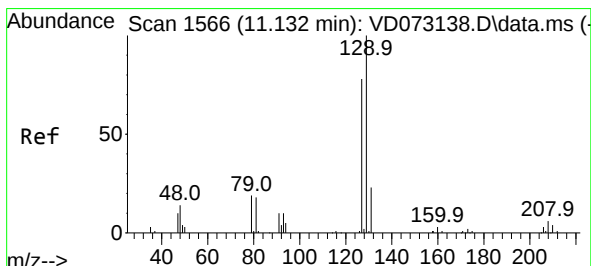
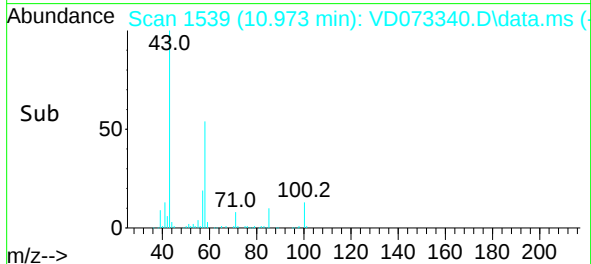
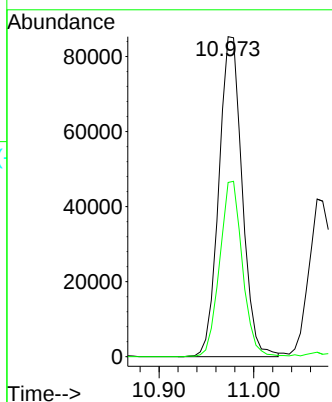
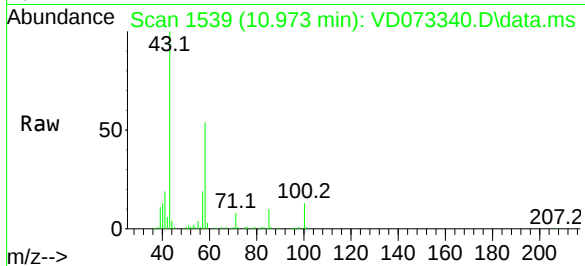




#59
2-Hexanone
Concen: 115.236 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

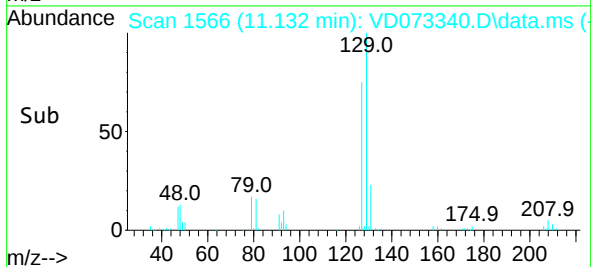
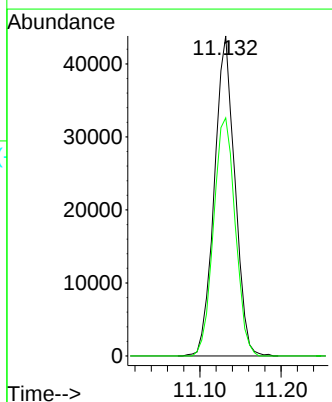
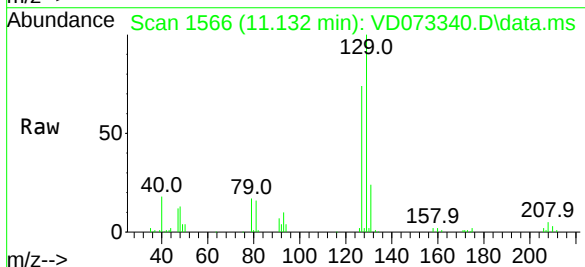
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

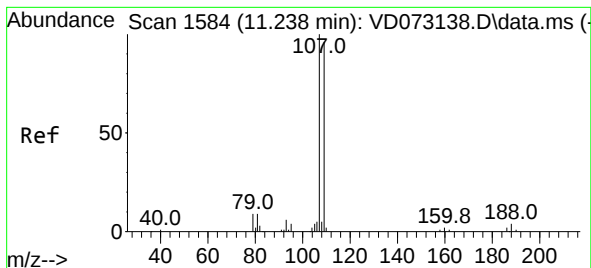
Tgt Ion: 43 Resp: 145951
Ion Ratio Lower Upper
43 100
58 53.6 25.3 75.9



#60
Dibromochloromethane
Concen: 22.570 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 129 Resp: 76857
Ion Ratio Lower Upper
129 100
127 78.7 39.2 117.6

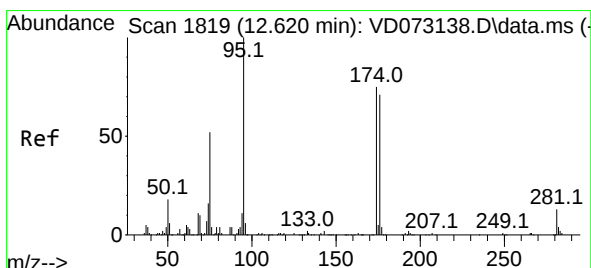
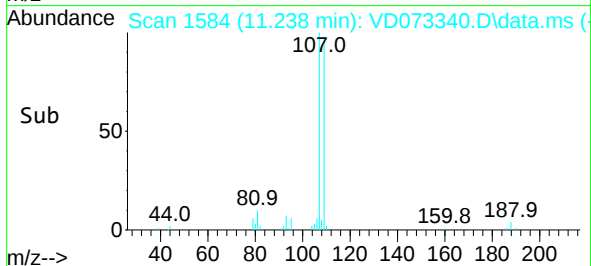
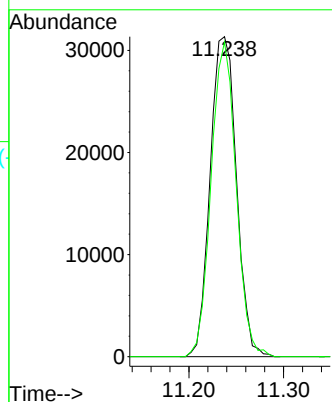
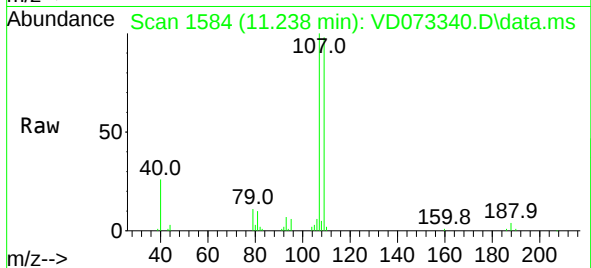




#61
1,2-Dibromoethane
Concen: 23.166 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

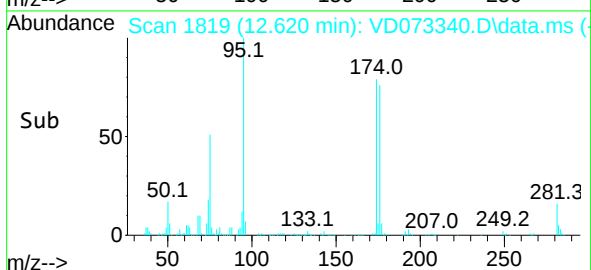
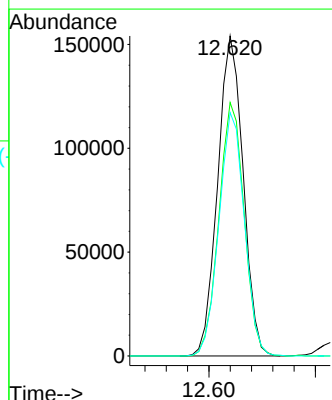
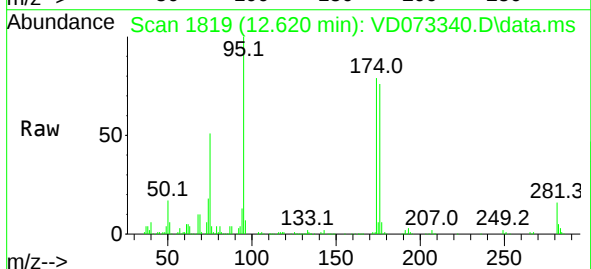
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

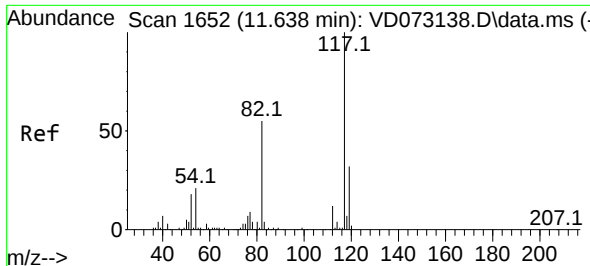
Tgt Ion:107 Resp: 60452
Ion Ratio Lower Upper
107 100
109 93.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 58.610 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 95 Resp: 255403
Ion Ratio Lower Upper
95 100
174 78.5 0.0 152.8
176 76.1 0.0 145.4

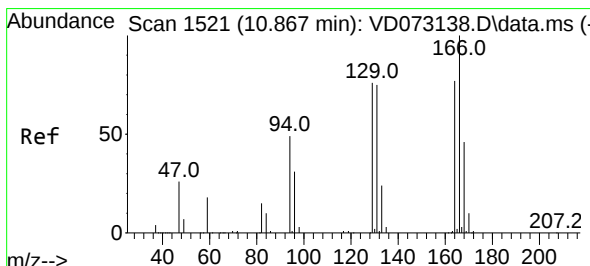
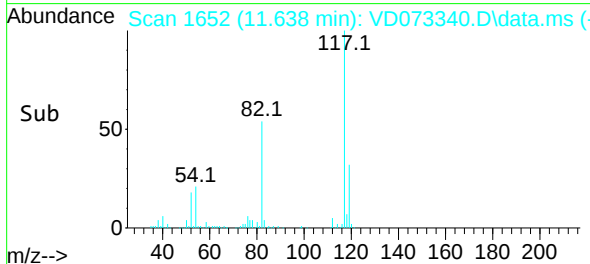
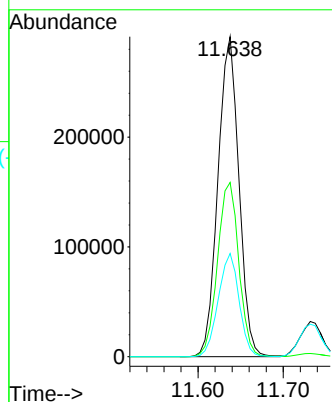
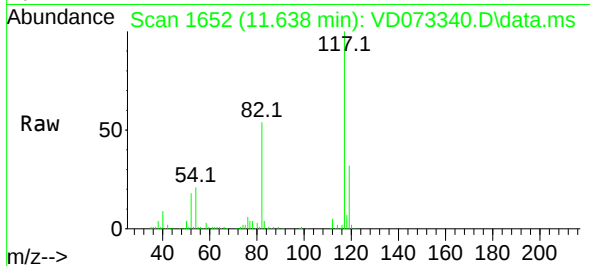




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

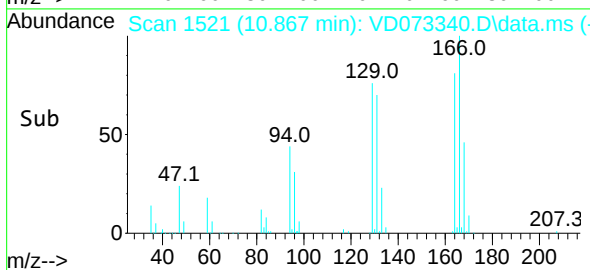
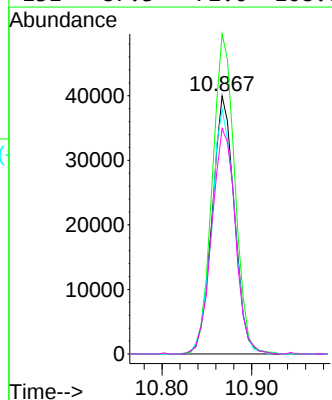
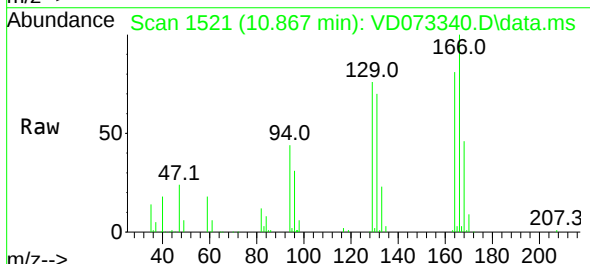
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

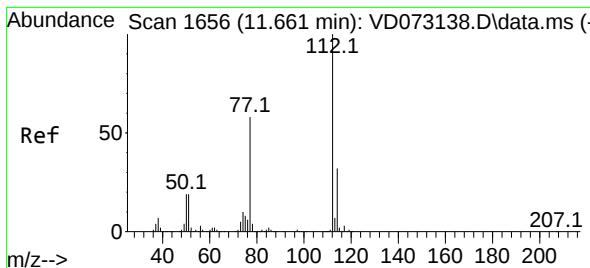
Tgt Ion:117 Resp: 498396
Ion Ratio Lower Upper
117 100
82 54.5 45.3 67.9
119 32.2 26.6 40.0



#64
Tetrachloroethene
Concen: 21.163 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion:164 Resp: 69084
Ion Ratio Lower Upper
164 100
166 124.0 98.5 147.7
129 94.7 74.6 111.8
131 87.3 72.0 108.0

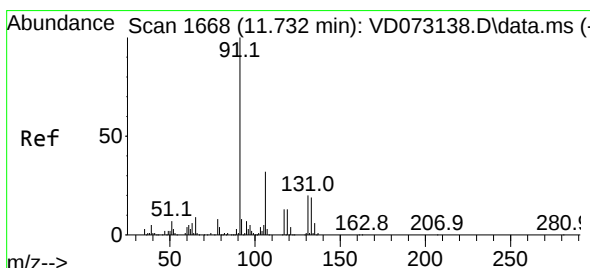
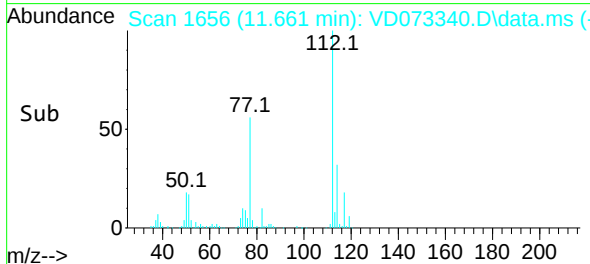
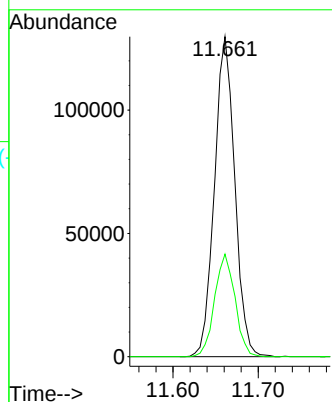
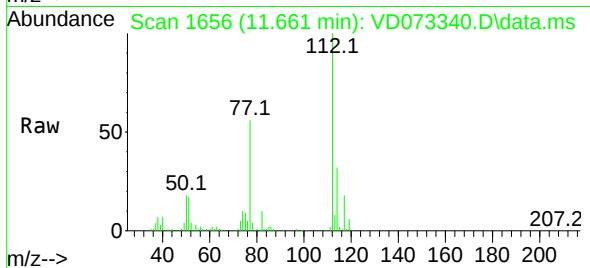




#65
Chlorobenzene
Concen: 21.041 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

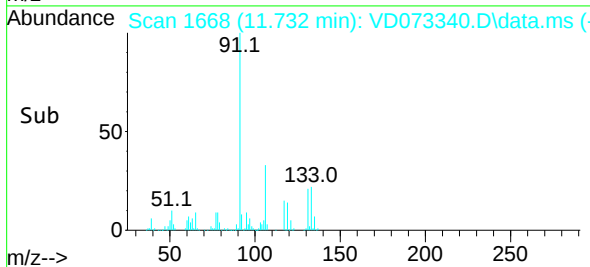
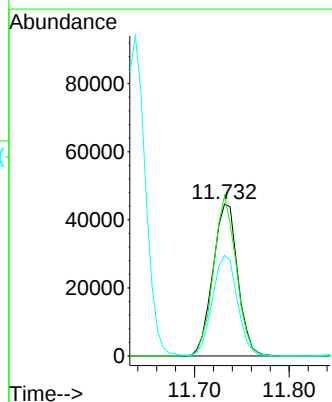
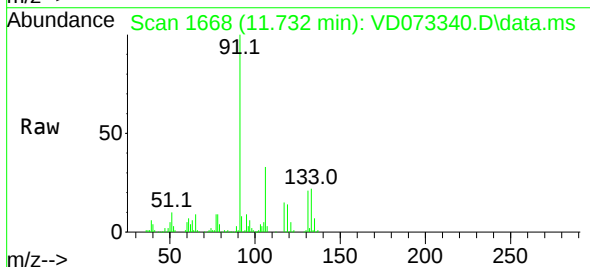
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

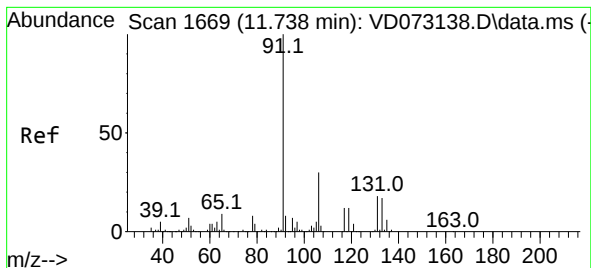
Tgt Ion:112 Resp: 215130
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 21.550 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion:131 Resp: 81717
Ion Ratio Lower Upper
131 100
133 96.3 48.1 144.3
119 66.0 31.9 95.9





#67

Ethyl Benzene

Concen: 20.640 ug/l

RT: 11.738 min Scan# 1669

Delta R.T. -0.000 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

Instrument :

MSVOA_D

ClientSampleId :

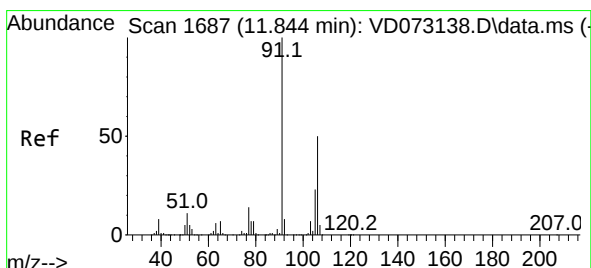
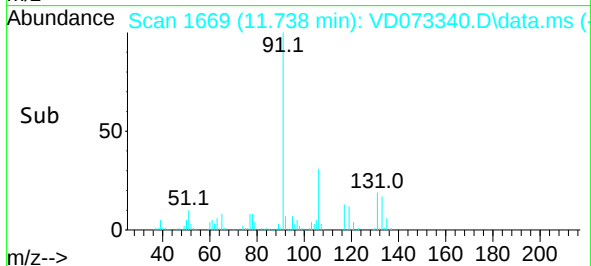
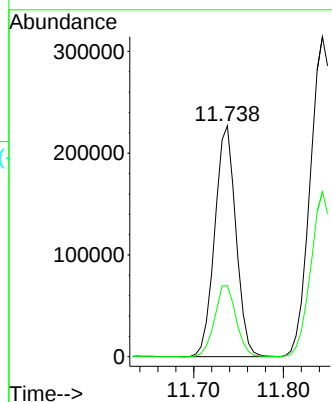
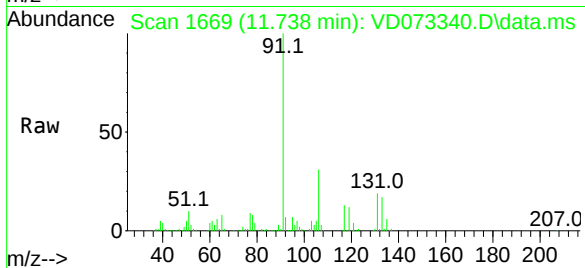
VD0524SBS02

Tgt Ion: 91 Resp: 370466

Ion Ratio Lower Upper

91 100

106 30.7 24.2 36.4



#68

m/p-Xylenes

Concen: 42.215 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. -0.001 min

Lab File: VD073340.D

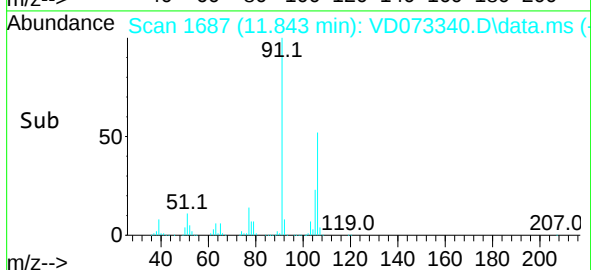
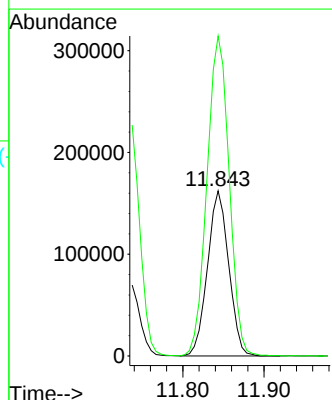
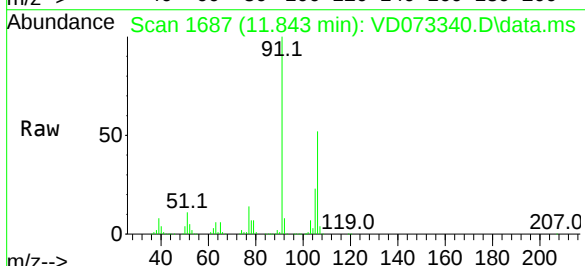
Acq: 24 May 2022 23:57

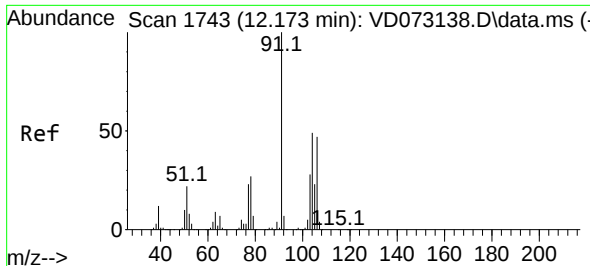
Tgt Ion: 106 Resp: 294378

Ion Ratio Lower Upper

106 100

91 202.6 163.7 245.5

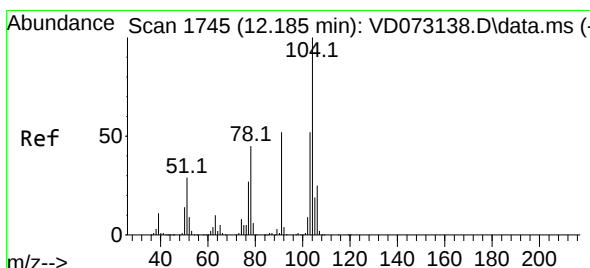
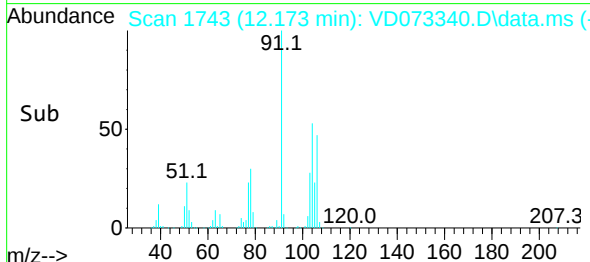
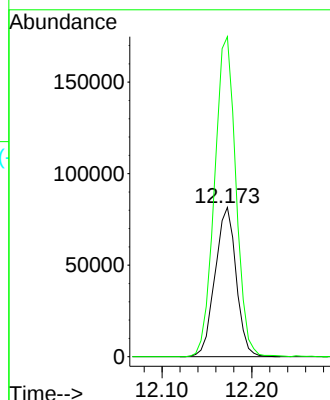
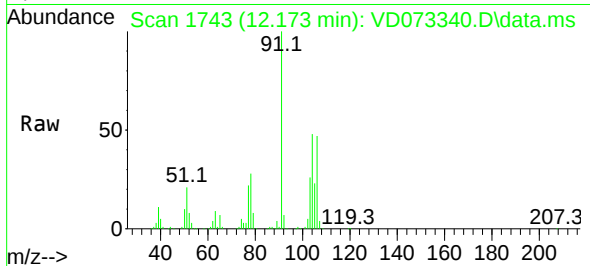




#69
o-Xylene
Concen: 20.773 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

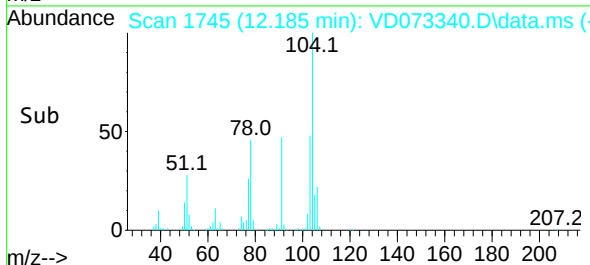
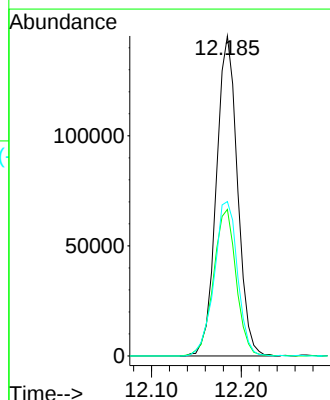
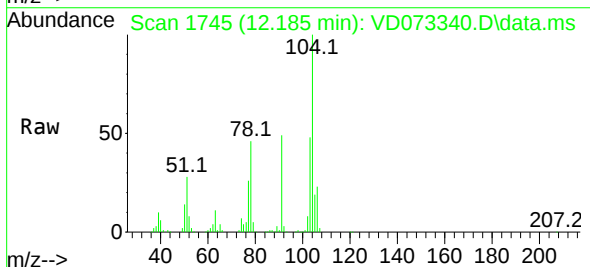
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

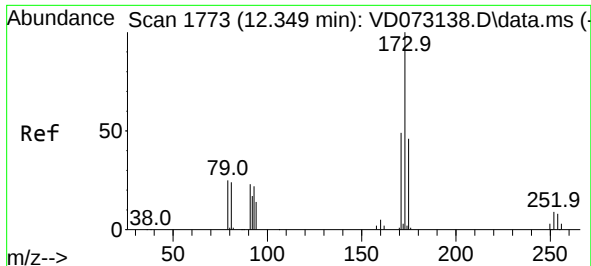
Tgt Ion:106 Resp: 133076
Ion Ratio Lower Upper
106 100
91 217.5 110.4 331.2



#70
Styrene
Concen: 21.594 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion:104 Resp: 238003
Ion Ratio Lower Upper
104 100
78 49.2 41.8 62.8
103 53.1 44.2 66.4

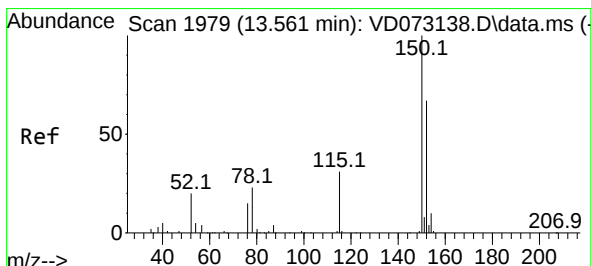
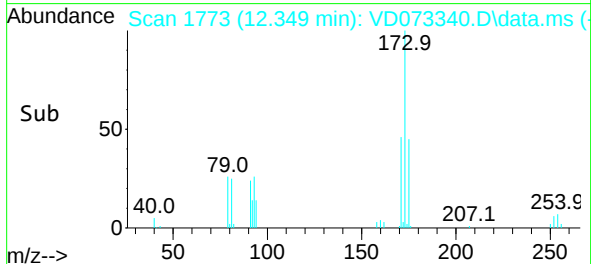
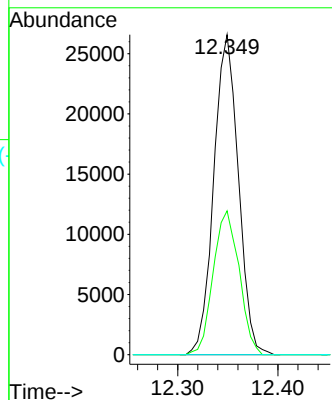
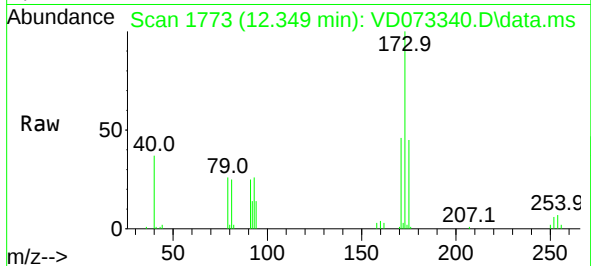




#71
Bromoform
Concen: 23.197 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

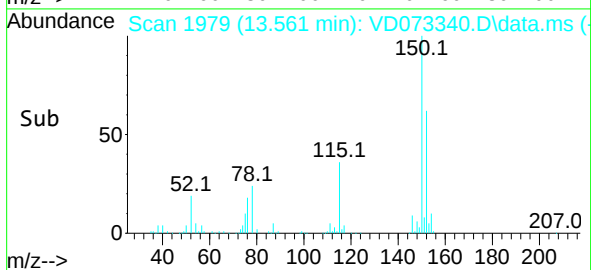
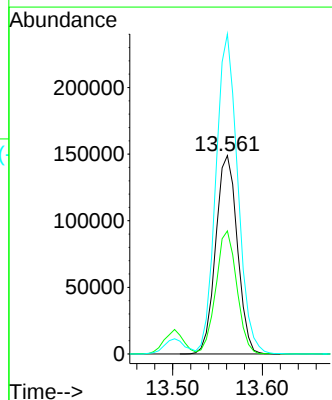
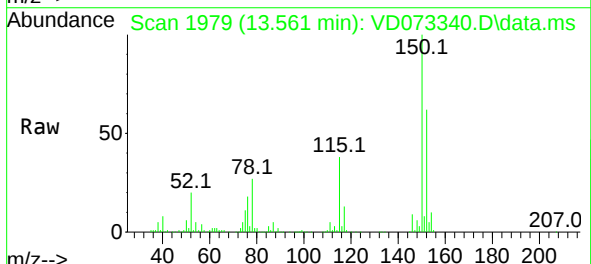
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

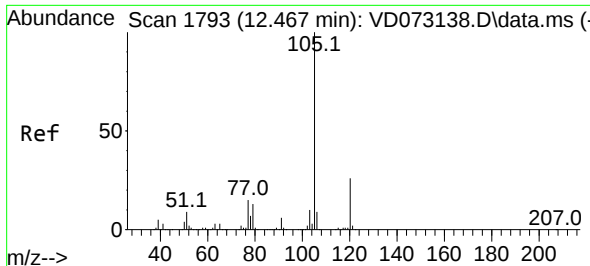
Tgt Ion:173 Resp: 45271
Ion Ratio Lower Upper
173 100
175 47.4 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion:152 Resp: 248860
Ion Ratio Lower Upper
152 100
115 59.9 31.3 93.8
150 163.2 0.0 348.6

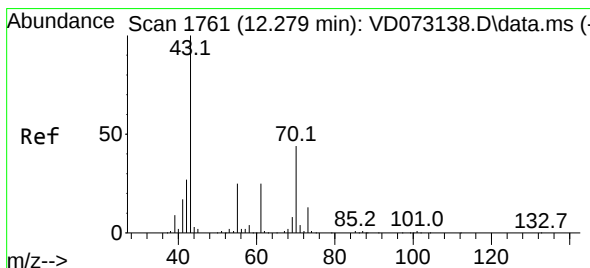
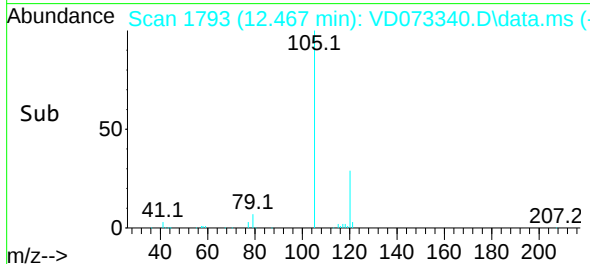
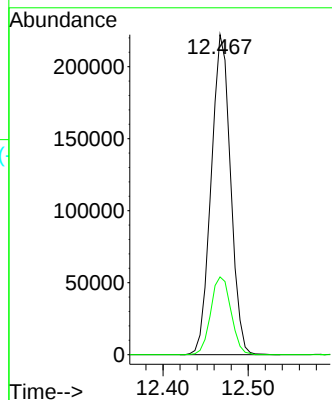
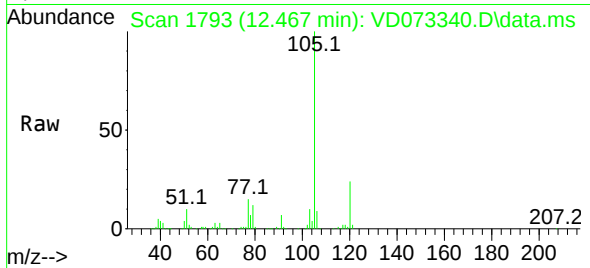




#73
Isopropylbenzene
Concen: 19.815 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

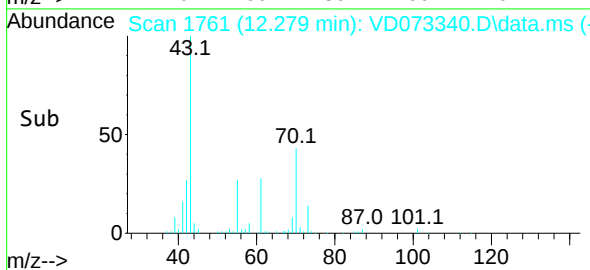
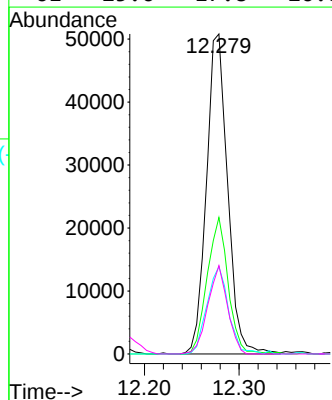
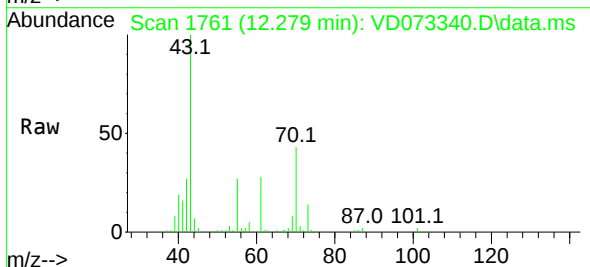
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

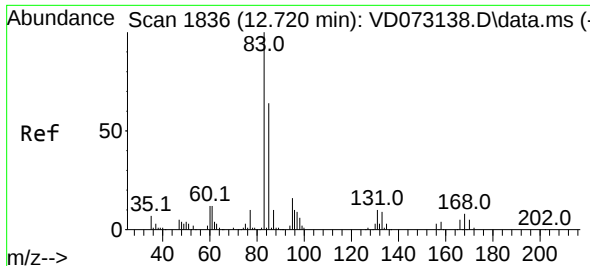
Tgt Ion:105 Resp: 351546
Ion Ratio Lower Upper
105 100
120 25.3 13.0 38.9



#74
N-ethyl acetate
Concen: 20.460 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 43 Resp: 79186
Ion Ratio Lower Upper
43 100
70 42.4 31.3 46.9
55 27.6 20.0 30.0
61 25.6 17.8 26.8

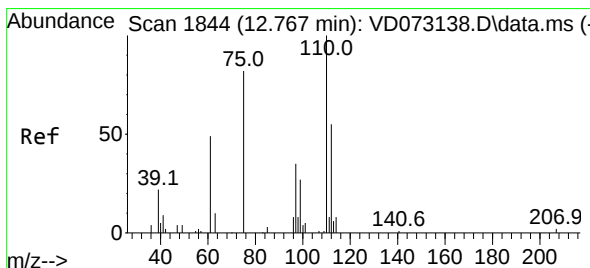
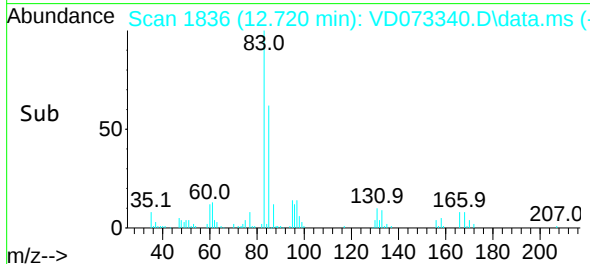
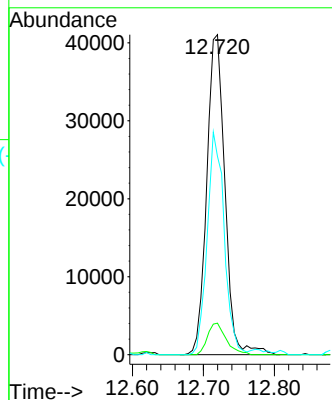
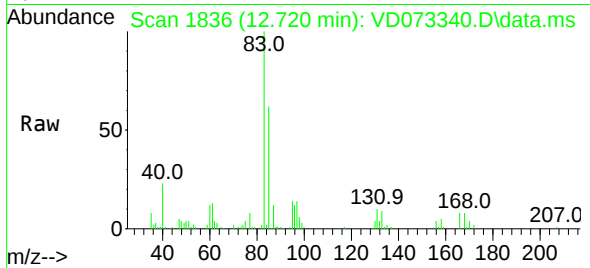




#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.292 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD073340.D
 Acq: 24 May 2022 23:57

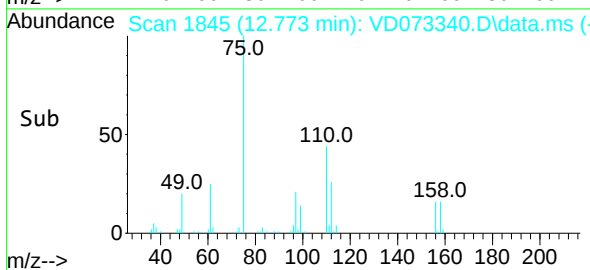
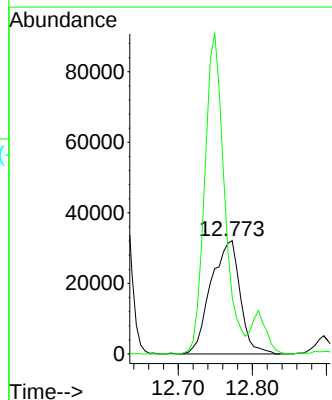
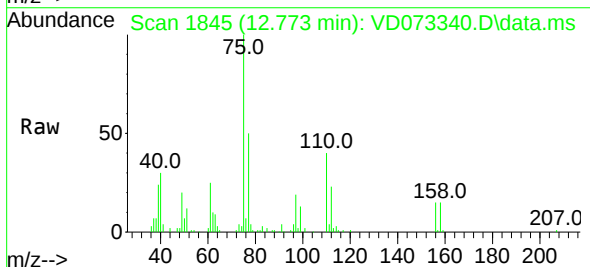
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0524SBS02

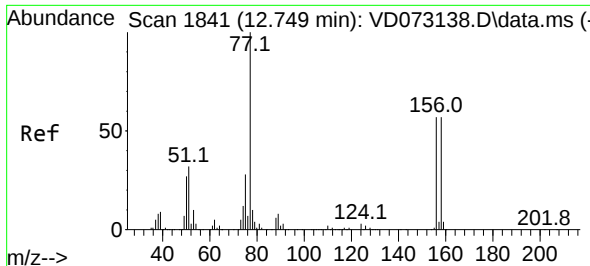
Tgt Ion: 83 Resp: 72941
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 14.9
 85 65.2 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 35.960 ug/l
 RT: 12.773 min Scan# 1845
 Delta R.T. 0.006 min
 Lab File: VD073340.D
 Acq: 24 May 2022 23:57

Tgt Ion: 75 Resp: 87805
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

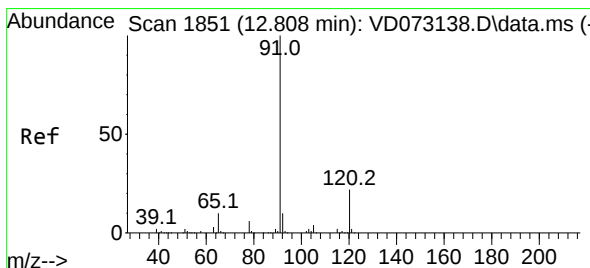
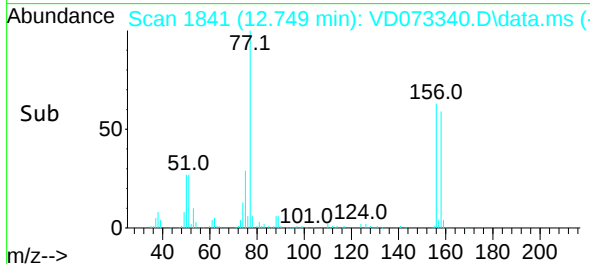
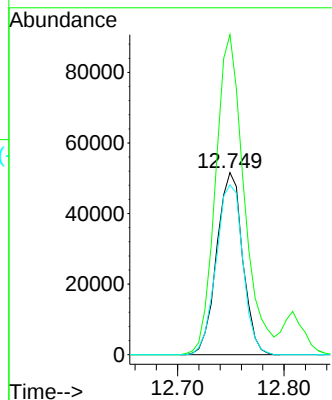
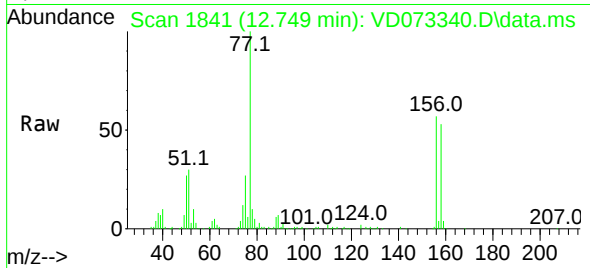




#77
Bromobenzene
Concen: 20.876 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

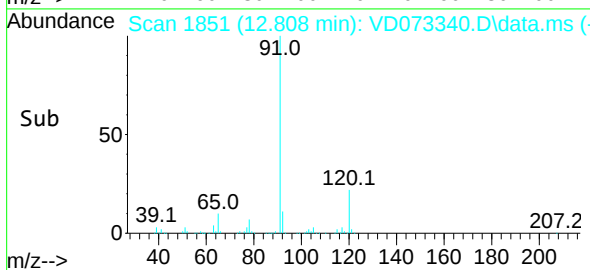
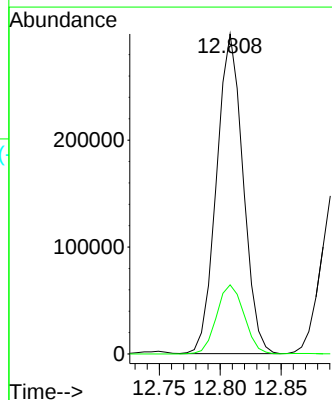
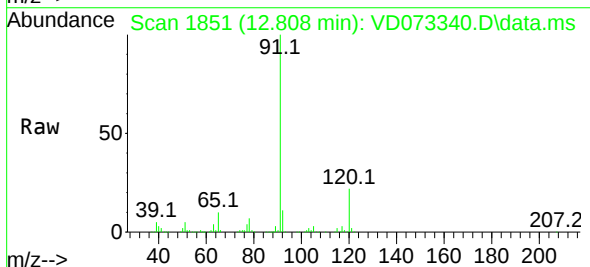
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

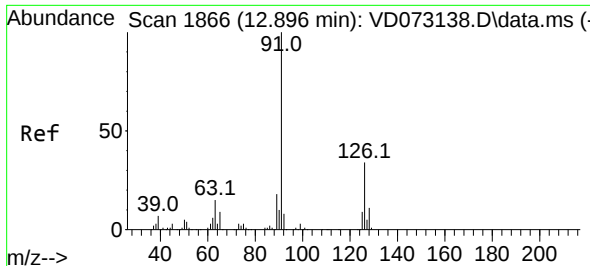
Tgt Ion:156 Resp: 87184
Ion Ratio Lower Upper
156 100
77 192.8 102.8 308.3
158 96.5 48.7 146.1



#78
n-propylbenzene
Concen: 20.358 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 91 Resp: 453428
Ion Ratio Lower Upper
91 100
120 22.3 10.9 32.9

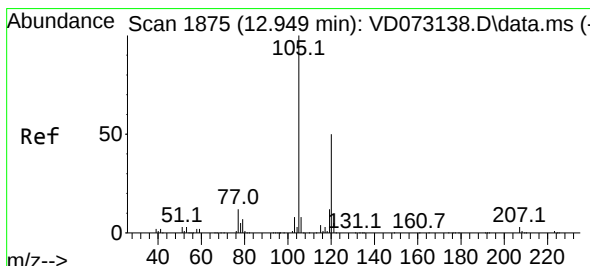
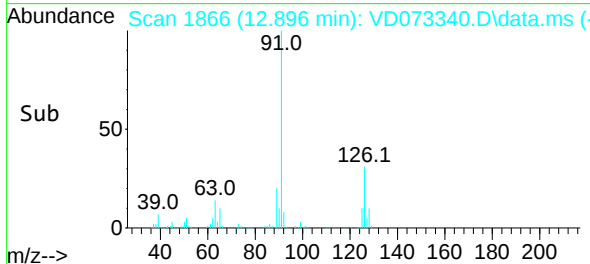
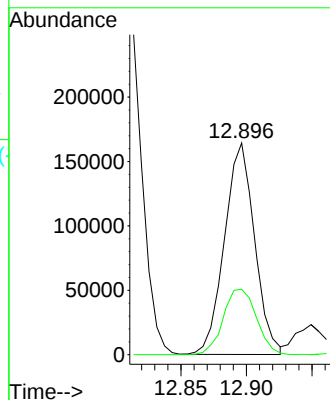
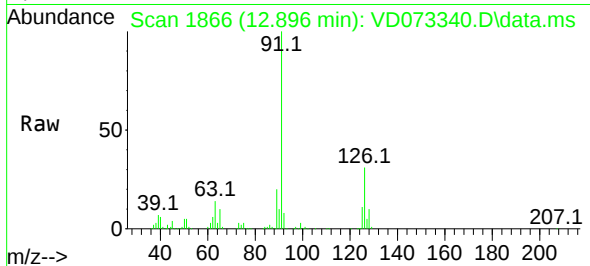




#79
2-Chlorotoluene
Concen: 20.397 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

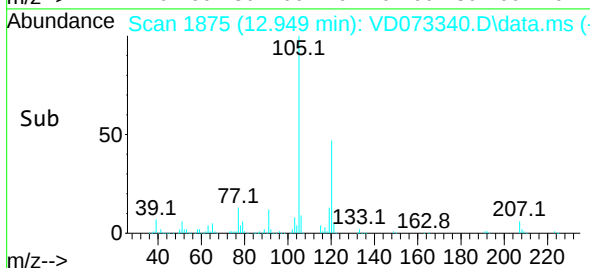
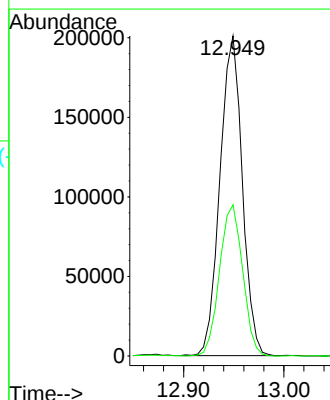
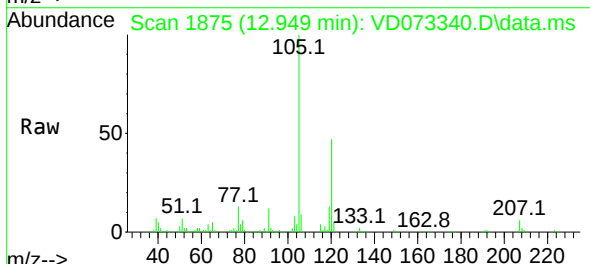
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

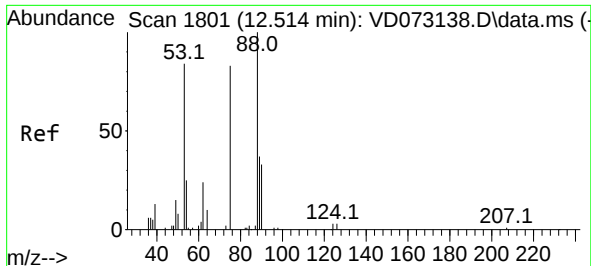
Tgt Ion: 91 Resp: 262303
Ion Ratio Lower Upper
91 100
126 34.2 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 20.714 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 105 Resp: 311299
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

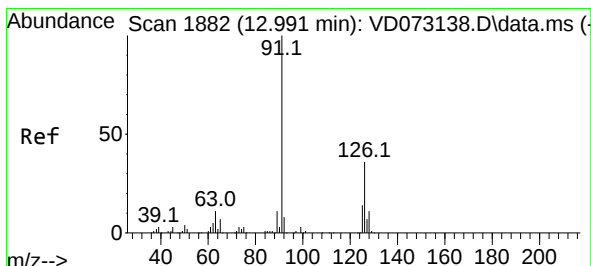
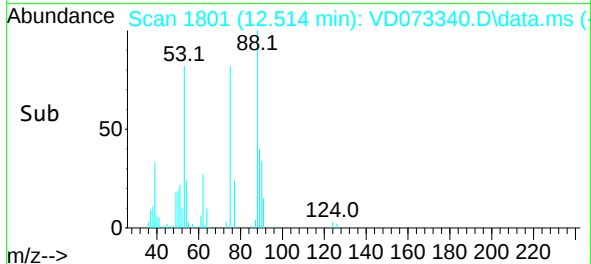
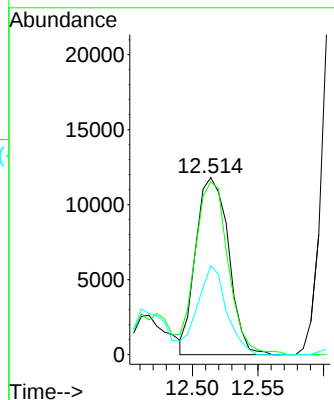
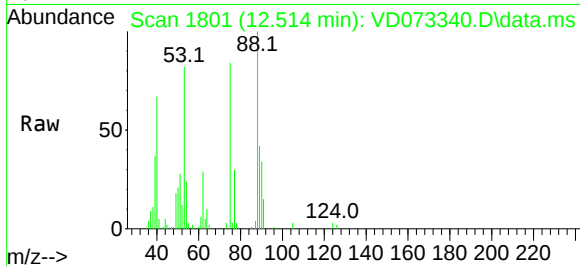




#81
trans-1,4-Dichloro-2-butene
Concen: 20.207 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

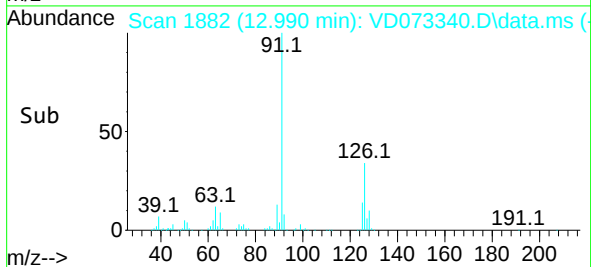
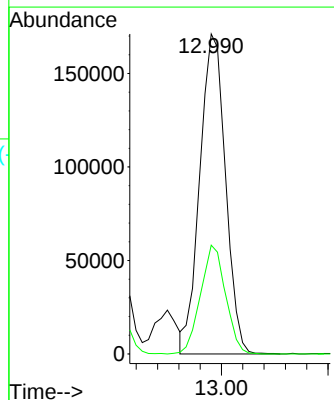
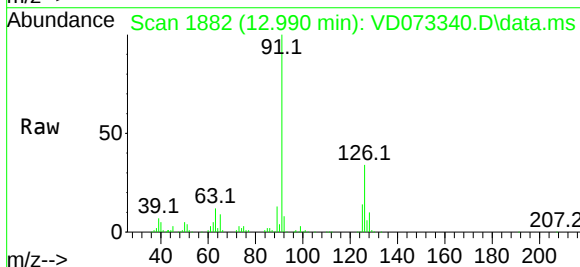
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

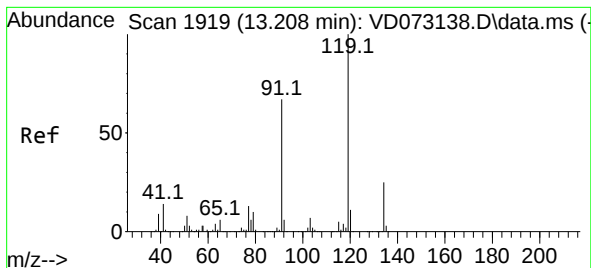
Tgt Ion: 75 Resp: 20553
Ion Ratio Lower Upper
75 100
53 100.0 86.5 129.7
89 44.2 33.9 50.9



#82
4-Chlorotoluene
Concen: 21.259 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 91 Resp: 286549
Ion Ratio Lower Upper
91 100
126 33.2 16.5 49.5





#83

tert-Butylbenzene

Concen: 20.443 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS02

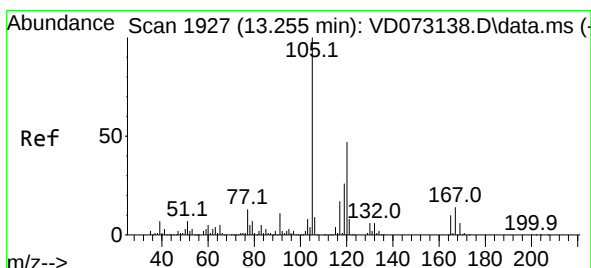
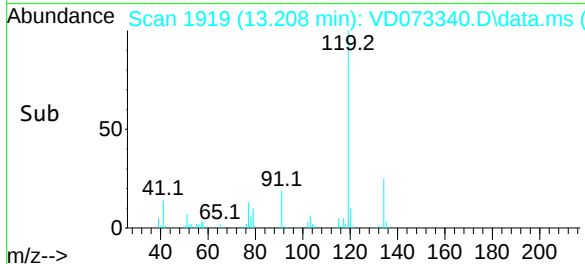
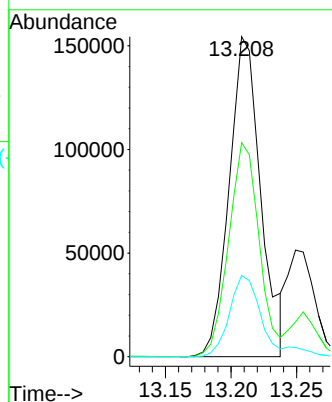
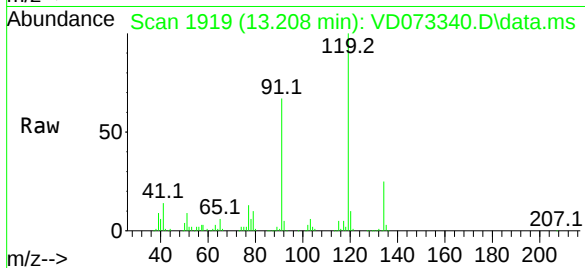
Tgt Ion:119 Resp: 258935

Ion Ratio Lower Upper

119 100

91 64.8 34.8 104.5

134 26.6 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 20.958 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073340.D

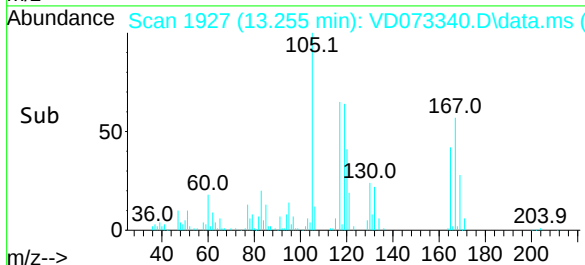
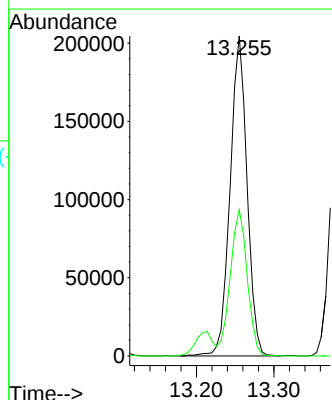
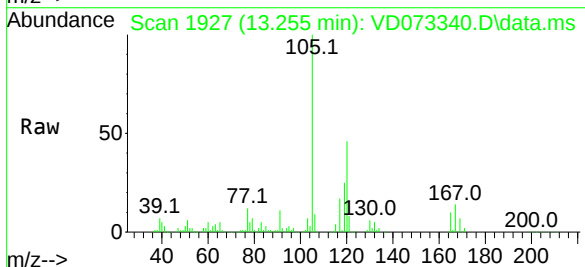
Acq: 24 May 2022 23:57

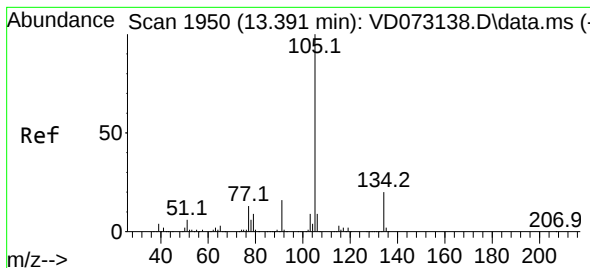
Tgt Ion:105 Resp: 311150

Ion Ratio Lower Upper

105 100

120 45.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.348 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.001 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

Instrument :

MSVOA_D

ClientSampleId :

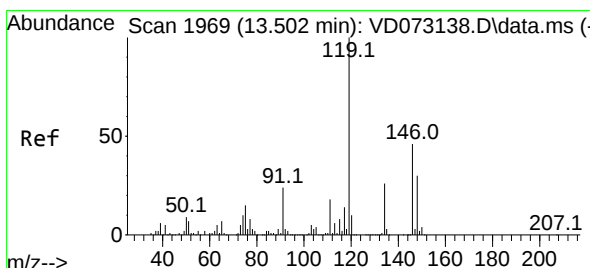
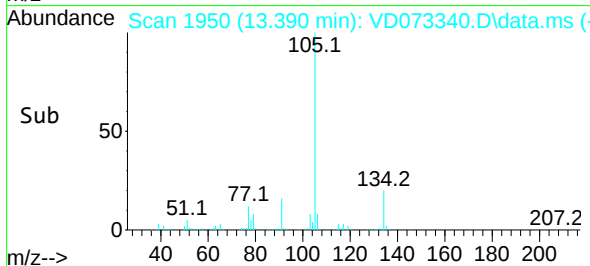
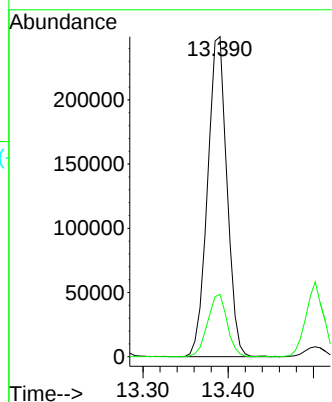
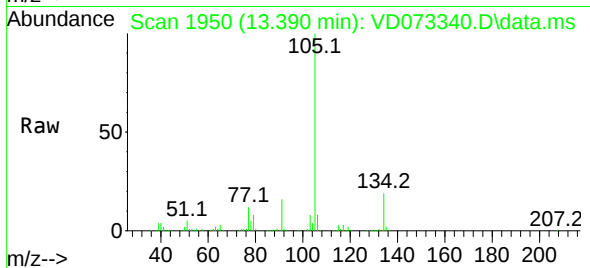
VD0524SBS02

Tgt Ion:105 Resp: 393534

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.3



#86

p-Isopropyltoluene

Concen: 20.490 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

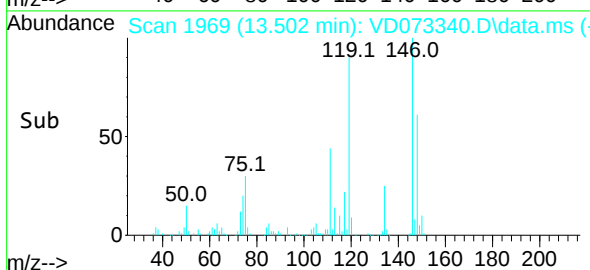
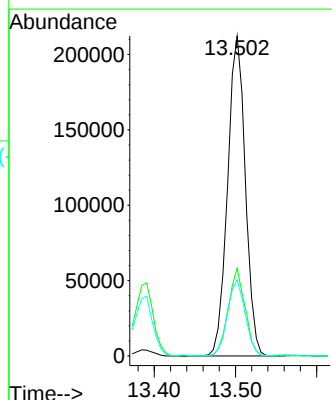
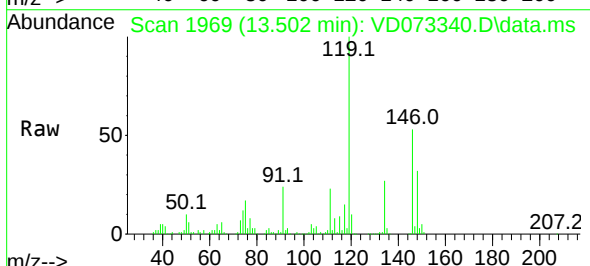
Tgt Ion:119 Resp: 323034

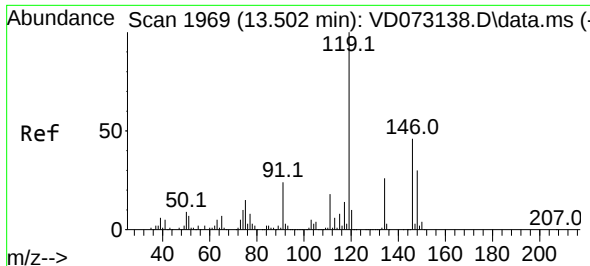
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 23.6 12.1 36.3

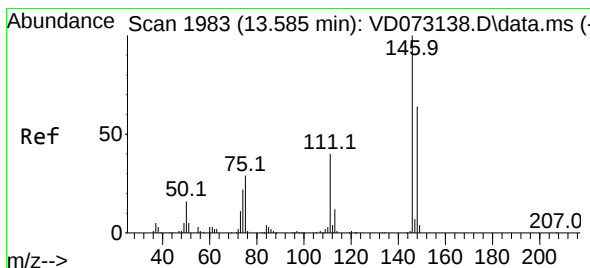
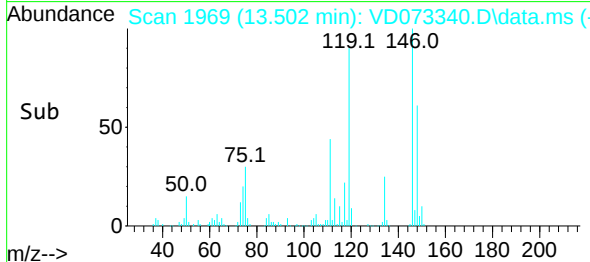
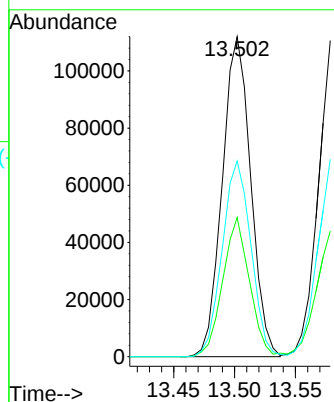
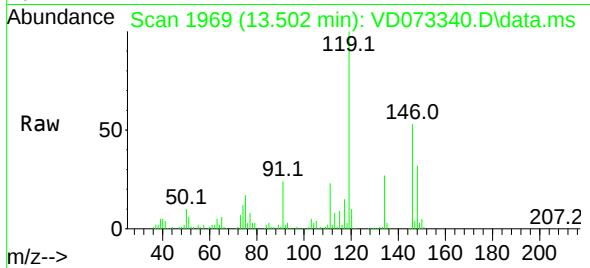




#87
1,3-Dichlorobenzene
Concen: 21.657 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

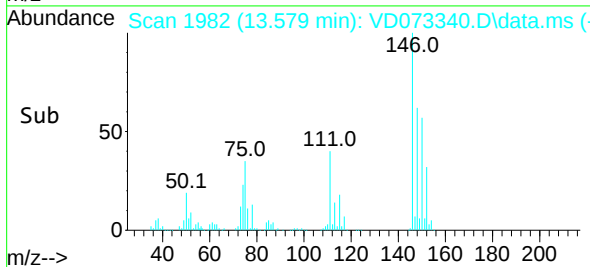
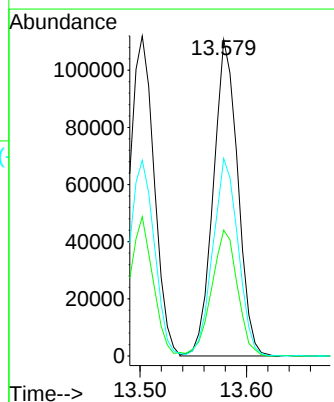
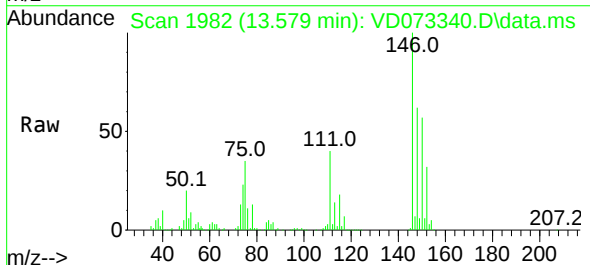
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

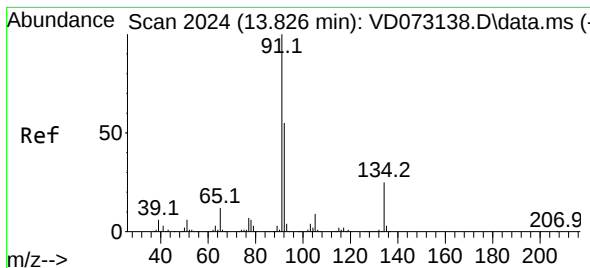
Tgt Ion:146 Resp: 182305
Ion Ratio Lower Upper
146 100
111 41.1 20.4 61.3
148 61.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 20.805 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion:146 Resp: 176791
Ion Ratio Lower Upper
146 100
111 41.8 20.3 60.9
148 64.3 31.7 95.1





#89

n-Butylbenzene

Concen: 19.537 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS02

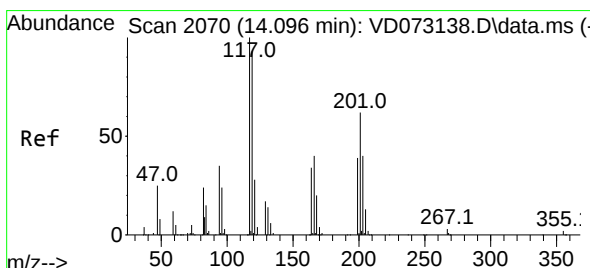
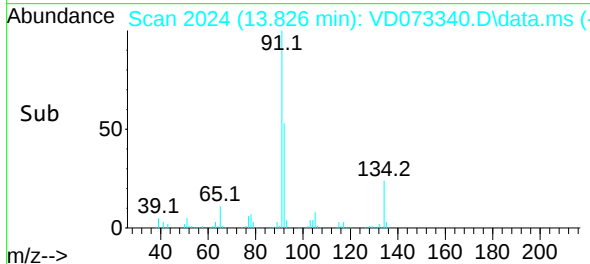
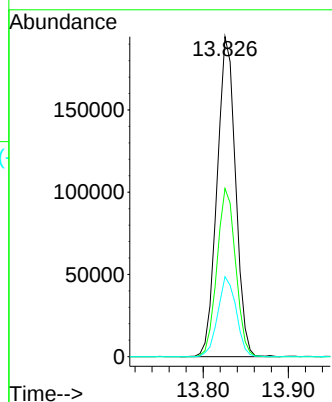
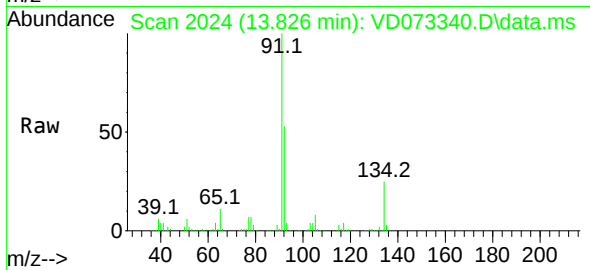
Tgt Ion: 91 Resp: 293471

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.8

134 24.9 12.3 36.9



#90

Hexachloroethane

Concen: 21.013 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073340.D

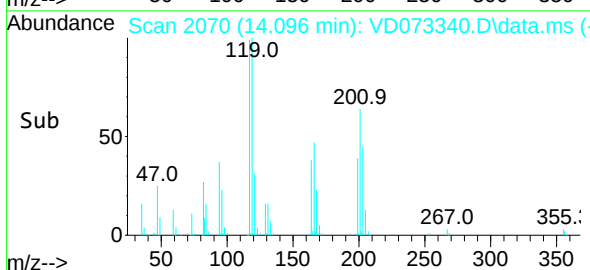
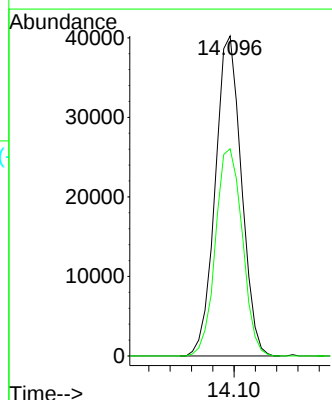
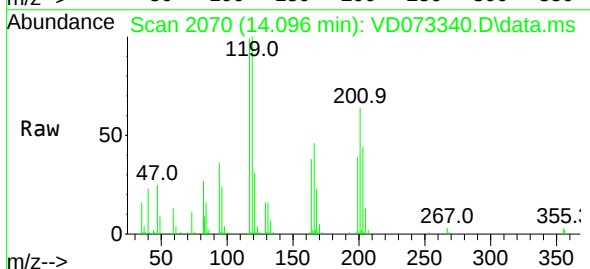
Acq: 24 May 2022 23:57

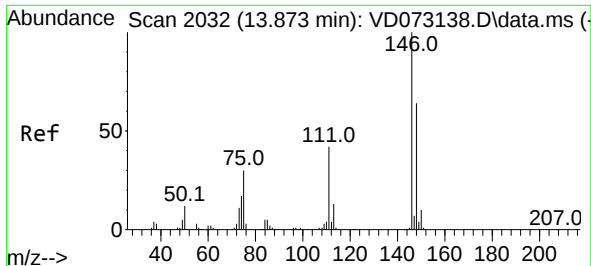
Tgt Ion: 117 Resp: 68544

Ion Ratio Lower Upper

117 100

201 66.4 33.4 100.2

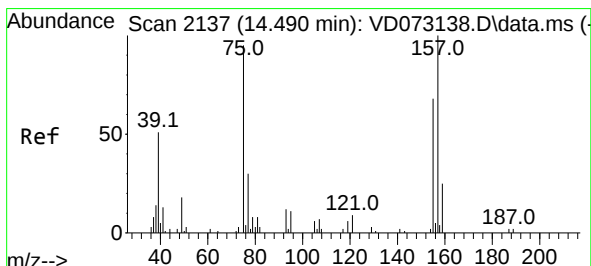
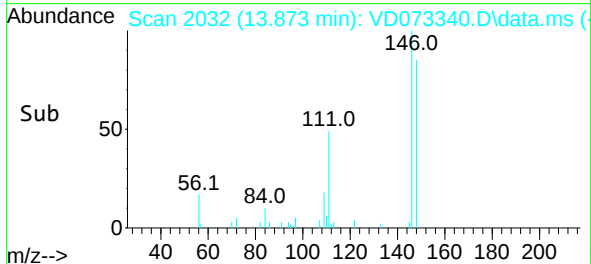
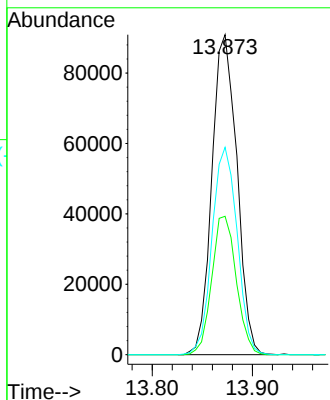
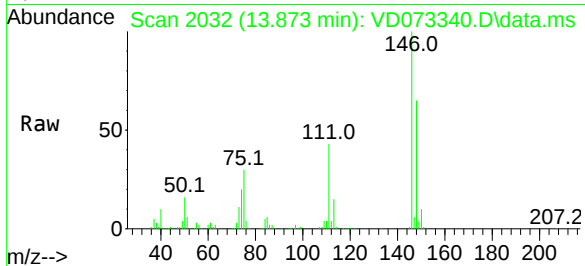




#91
1,2-Dichlorobenzene
Concen: 21.649 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

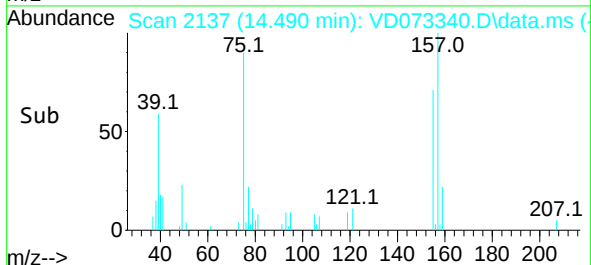
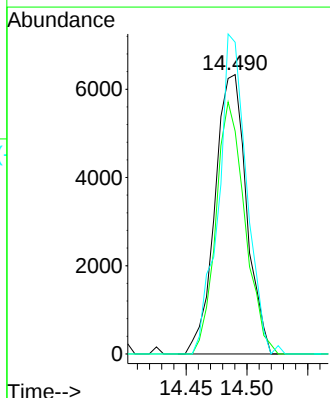
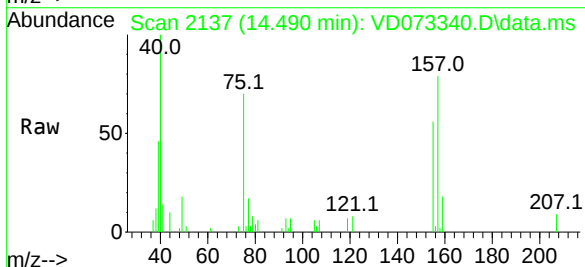
Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

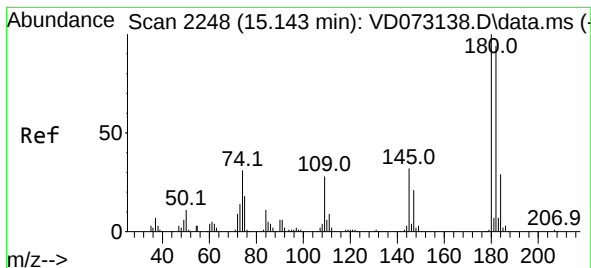
Tgt Ion:146 Resp: 157674
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.3
148 65.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.777 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion: 75 Resp: 11413
Ion Ratio Lower Upper
75 100
155 83.0 36.8 110.3
157 102.5 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 21.344 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

Instrument :

MSVOA_D

ClientSampleId :

VD0524SBS02

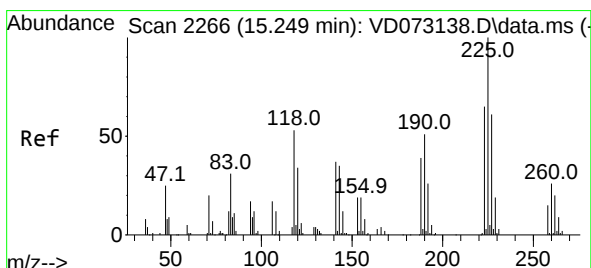
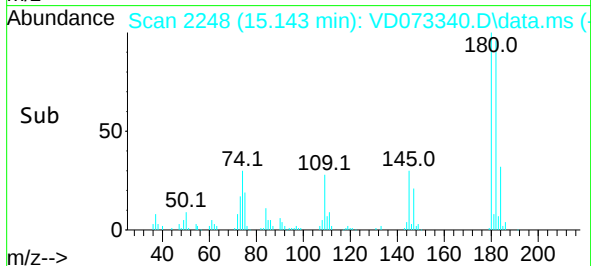
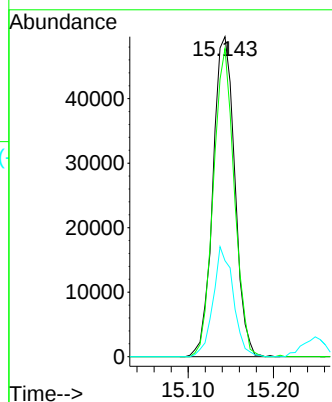
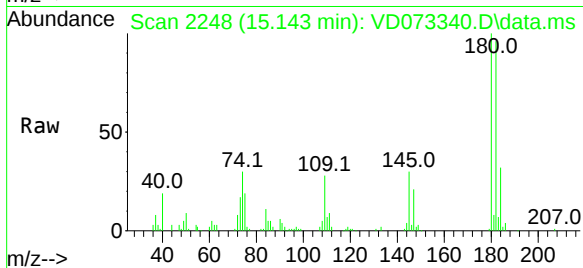
Tgt Ion:180 Resp: 88256

Ion Ratio Lower Upper

180 100

182 92.3 47.3 142.0

145 31.7 16.2 48.5



#94

Hexachlorobutadiene

Concen: 21.120 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. -0.006 min

Lab File: VD073340.D

Acq: 24 May 2022 23:57

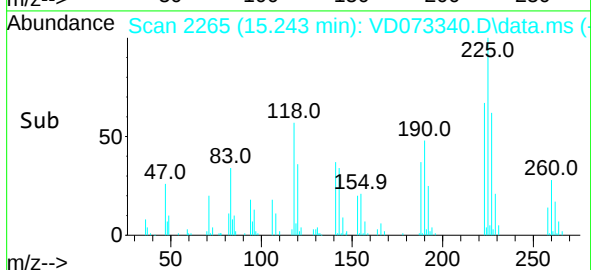
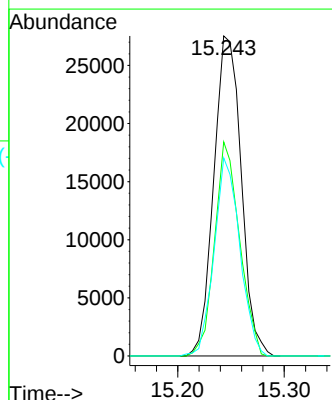
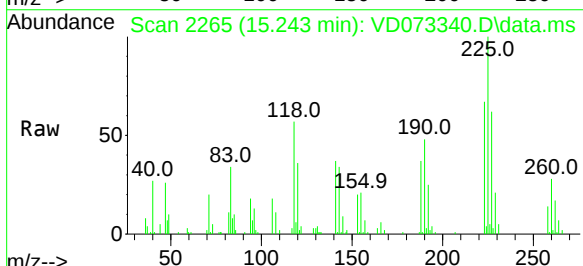
Tgt Ion:225 Resp: 49213

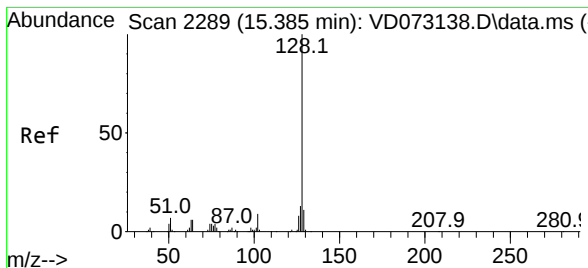
Ion Ratio Lower Upper

225 100

223 61.2 31.1 93.2

227 58.0 32.4 97.0

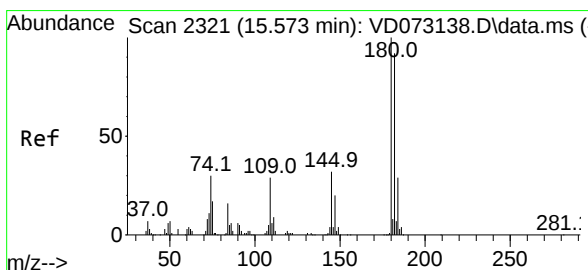
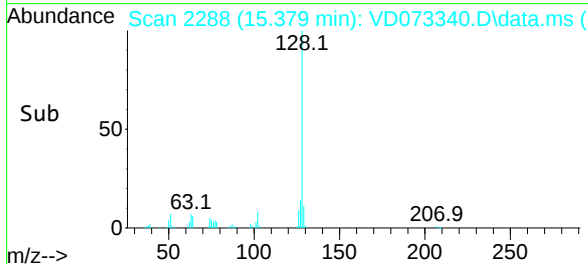
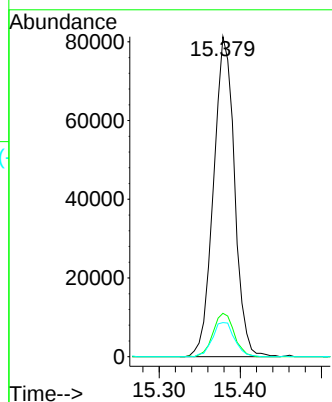
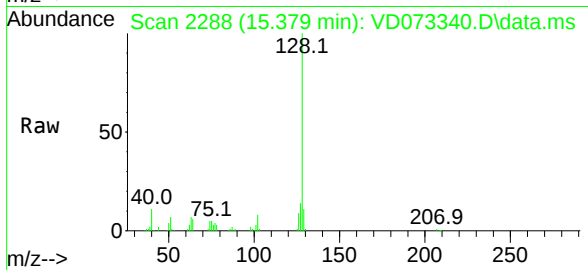




#95
Naphthalene
Concen: 20.230 ug/l
RT: 15.379 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Instrument :
MSVOA_D
ClientSampleId :
VD0524SBS02

Tgt Ion:128 Resp: 146268
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.2 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 20.994 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073340.D
Acq: 24 May 2022 23:57

Tgt Ion:180 Resp: 76960
Ion Ratio Lower Upper
180 100
182 97.3 47.6 142.9
145 35.5 17.1 51.3

