

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073335.D
 Acq On : 24 May 2022 20:10
 Operator : VA/SY
 Sample : N2949-21MSD
 Misc : 4.31G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS002-0006-01MSD

Quant Time: May 25 05:29:46 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	243877	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	419370	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	359912	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	147257	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	159918	59.335	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 118.660%	
35) Dibromofluoromethane	7.914	113	163181	58.968	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.940%	
50) Toluene-d8	10.332	98	526709	51.634	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.260%	
62) 4-Bromofluorobenzene	12.620	95	162859	45.492	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	114546	47.005	ug/l	97
3) Chloromethane	2.209	50	129698	47.068	ug/l	100
4) Vinyl Chloride	2.344	62	121589	48.255	ug/l	96
5) Bromomethane	2.762	94	85066	52.895	ug/l	98
6) Chloroethane	2.915	64	80608	52.040	ug/l	93
7) Trichlorofluoromethane	3.267	101	222573	49.956	ug/l	99
8) Diethyl Ether	3.709	74	76591	62.560	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	131181	49.347	ug/l	97
10) Methyl Iodide	4.297	142	134095	46.754	ug/l	99
11) Tert butyl alcohol	5.226	59	58931	140.930	ug/l #	85
12) 1,1-Dichloroethene	4.062	96	123142	50.244	ug/l	90
13) Acrolein	3.920	56	20572	114.992	ug/l	98
14) Allyl chloride	4.709	41	210607	53.235	ug/l	91
15) Acrylonitrile	5.420	53	169580	302.912	ug/l	99
16) Acetone	4.150	43	146474	313.760	ug/l #	87
17) Carbon Disulfide	4.403	76	333759	41.079	ug/l	99
18) Methyl Acetate	4.709	43	166076	127.935	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	366221	65.590	ug/l	95
20) Methylene Chloride	4.956	84	190343	65.521	ug/l	88
21) trans-1,2-Dichloroethene	5.461	96	154709	52.207	ug/l	88
22) Diisopropyl ether	6.361	45	512776	61.831	ug/l	90
23) Vinyl Acetate	6.303	43	399813	90.381	ug/l #	92
24) 1,1-Dichloroethane	6.256	63	293814	55.194	ug/l	98
25) 2-Butanone	7.208	43	217288	318.139	ug/l #	87
26) 2,2-Dichloropropane	7.203	77	222188	48.943	ug/l	96
27) cis-1,2-Dichloroethene	7.203	96	179516	54.748	ug/l	90
28) Bromochloromethane	7.544	49	108578	59.205	ug/l #	81
29) Tetrahydrofuran	7.555	42	146593	331.931	ug/l	90
30) Chloroform	7.702	83	313023	56.325	ug/l	96
31) Cyclohexane	7.985	56	187191	39.744	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	248223	51.068	ug/l	97
36) 1,1-Dichloropropene	8.108	75	196727	47.268	ug/l	96
37) Ethyl Acetate	7.285	43	67046	40.784	ug/l #	93
38) Carbon Tetrachloride	8.091	117	210572	49.912	ug/l	98
39) Methylcyclohexane	9.349	83	176941	38.148	ug/l	96
40) Benzene	8.344	78	633081	52.780	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	54491	56.891	ug/l #	89
42) 1,2-Dichloroethane	8.420	62	193140	57.869	ug/l	95
43) Isopropyl Acetate	8.444	43	141982	46.726	ug/l #	89
44) Trichloroethene	9.108	130	155159	48.508	ug/l	94
45) 1,2-Dichloropropane	9.379	63	168288	55.711	ug/l	98
46) Dibromomethane	9.473	93	96479	58.153	ug/l	97
47) Bromodichloromethane	9.655	83	236477	55.707	ug/l	98
48) Methyl methacrylate	9.449	41	107128	70.075	ug/l #	87
49) 1,4-Dioxane	9.449	88	22920	1337.768	ug/l	97
51) 4-Methyl-2-Pentanone	10.220	43	515759	326.803	ug/l	94
52) Toluene	10.396	92	383562	50.604	ug/l	97
53) t-1,3-Dichloropropene	10.614	75	206158	53.757	ug/l	93
54) cis-1,3-Dichloropropene	10.079	75	246984	53.817	ug/l #	88
55) 1,1,2-Trichloroethane	10.791	97	128498	57.276	ug/l	96
56) Ethyl methacrylate	10.655	69	110722	44.389	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	213529	56.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	335520	280.253	ug/l	96
59) 2-Hexanone	10.973	43	332905	319.953	ug/l	93
60) Dibromochloromethane	11.132	129	155514	55.592	ug/l	99
61) 1,2-Dibromoethane	11.238	107	118681	55.360	ug/l	97
64) Tetrachloroethene	10.867	164	113378	48.096	ug/l	97
65) Chlorobenzene	11.661	112	379209	51.359	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.732	131	157608	57.556	ug/l	98
67) Ethyl Benzene	11.738	91	643219	49.625	ug/l	98
68) m/p-Xylenes	11.843	106	505607	100.404	ug/l	100
69) o-Xylene	12.173	106	238228	51.497	ug/l	96
70) Styrene	12.185	104	418677	52.604	ug/l	98
71) Bromoform	12.349	173	85394	60.592	ug/l #	99
73) Isopropylbenzene	12.467	105	587734	55.986	ug/l	99
74) N-amyl acetate	12.279	43	78710	34.369	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.714	83	135386	69.926	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	166621	115.321	ug/l #	100
77) Bromobenzene	12.749	156	147788	59.804	ug/l	93
78) n-propylbenzene	12.808	91	692077	52.513	ug/l	99
79) 2-Chlorotoluene	12.896	91	403621	53.042	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	473167	53.208	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.514	75	41889	69.601	ug/l	92
82) 4-Chlorotoluene	12.990	91	427288	53.572	ug/l	99
83) tert-Butylbenzene	13.208	119	387312	51.678	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	473892	53.943	ug/l	99
85) sec-Butylbenzene	13.385	105	561748	49.087	ug/l	98
86) p-Isopropyltoluene	13.502	119	450518	48.294	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	249686	50.127	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	249972	49.715	ug/l	99
89) n-Butylbenzene	13.826	91	367969	41.399	ug/l	99
90) Hexachloroethane	14.096	117	93463	48.420	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	217520	50.472	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.490	75	19563	65.980	ug/l	93
93) 1,2,4-Trichlorobenzene	15.143	180	86623	35.403	ug/l	100
94) Hexachlorobutadiene	15.249	225	42061	30.506	ug/l	96
95) Naphthalene	15.384	128	204221	42.919	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	76106	35.086	ug/l	99

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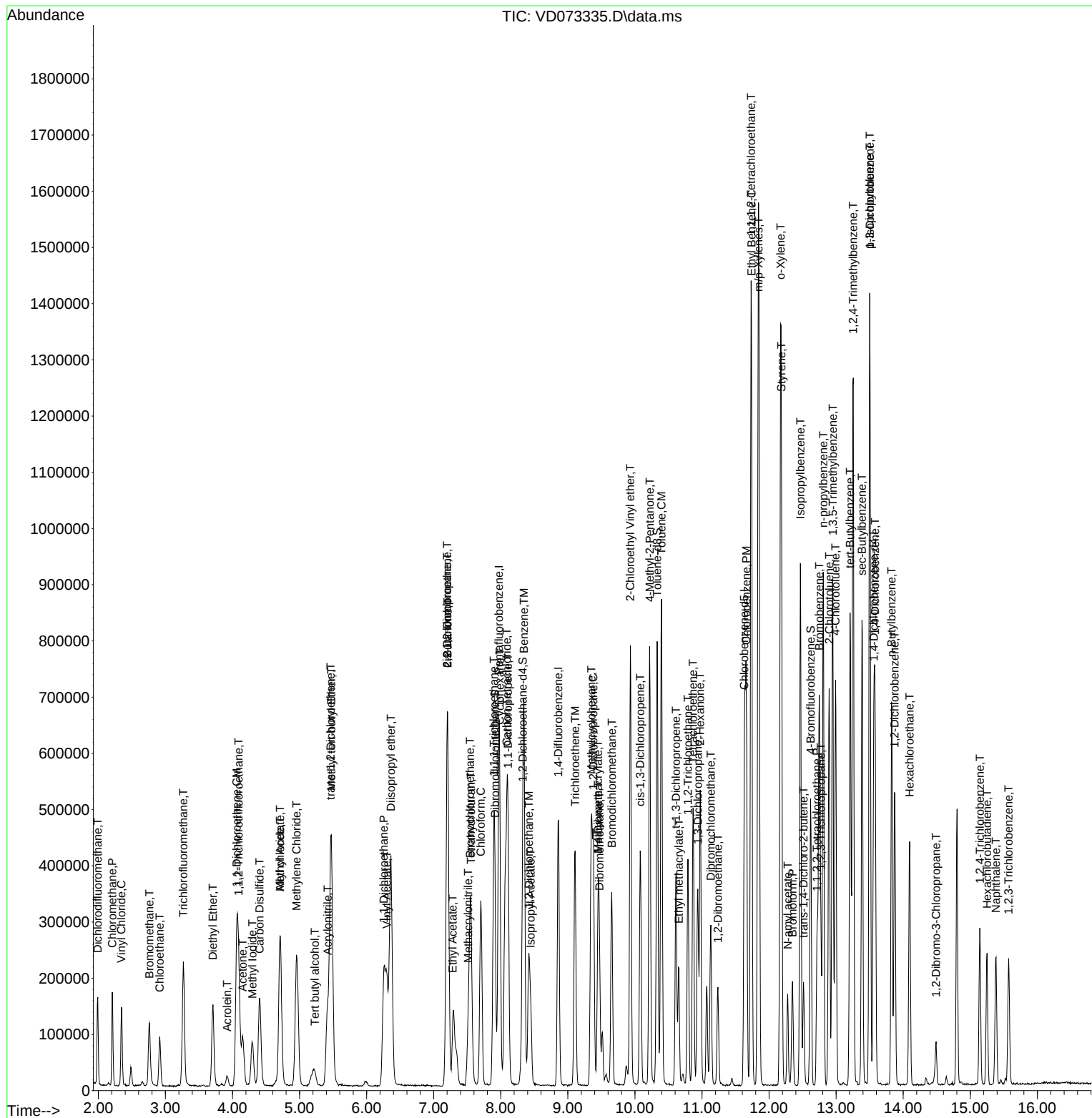
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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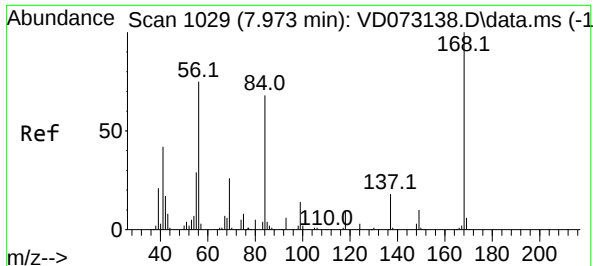
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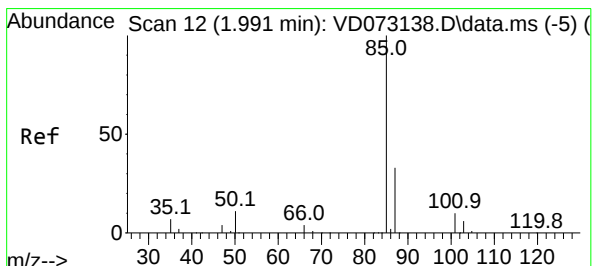
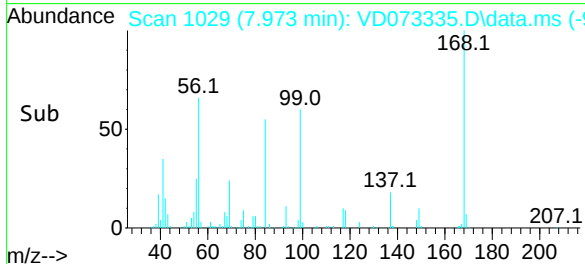
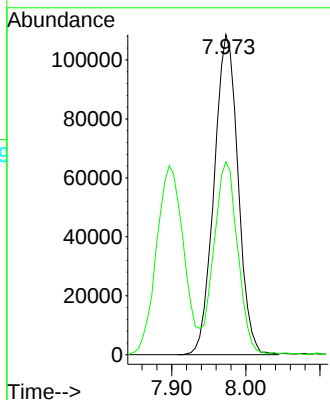
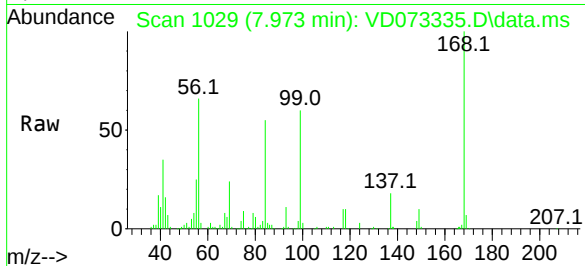




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073335.D
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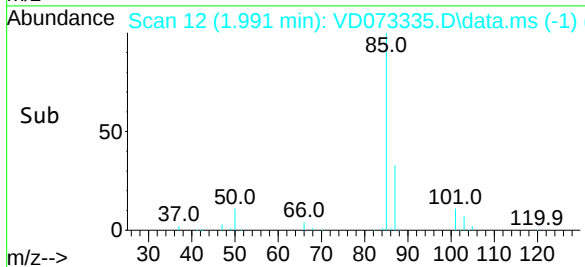
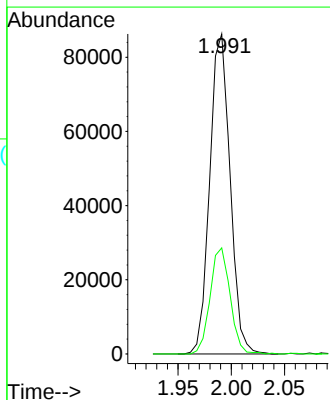
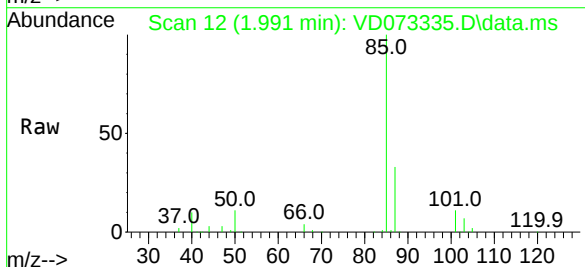
Instrument :
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ClientSampleId :
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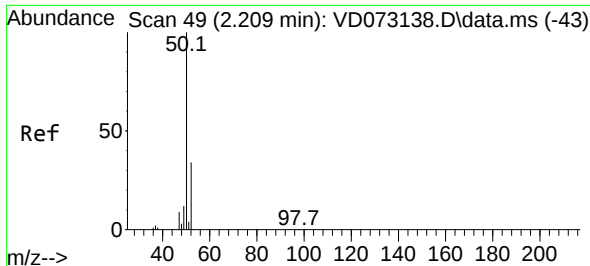
Tgt Ion:168 Resp: 243877
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 47.005 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 85 Resp: 114546
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0

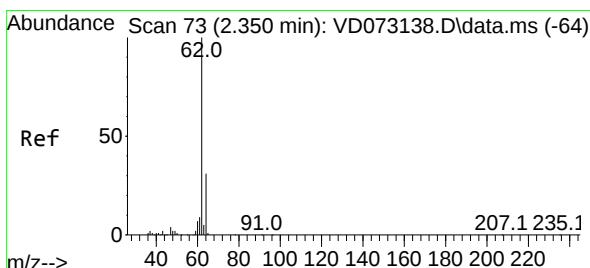
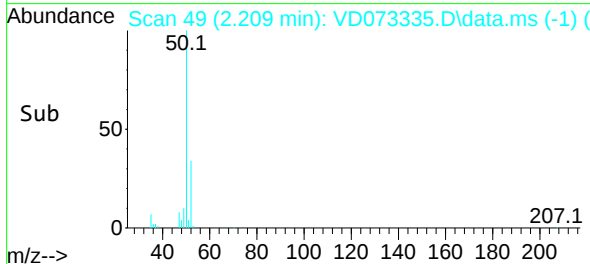
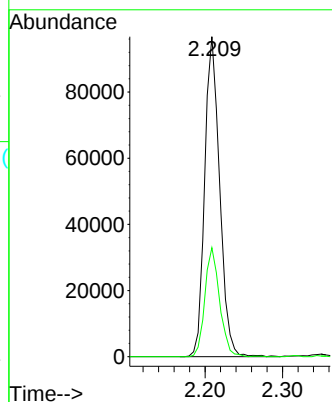
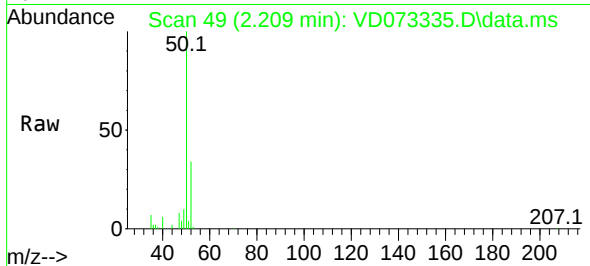




#3
Chloromethane
Concen: 47.068 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

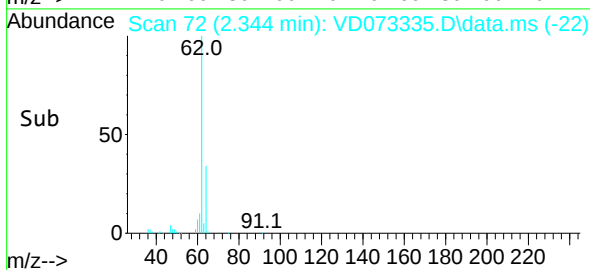
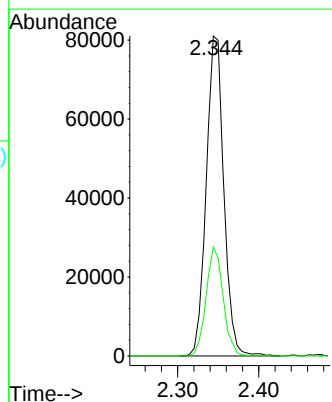
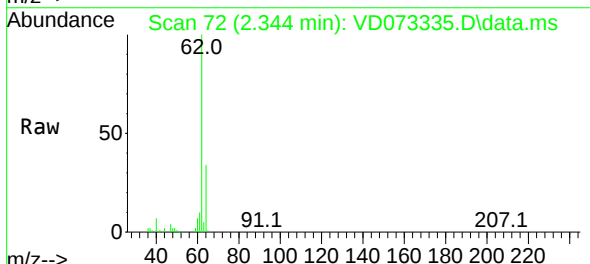
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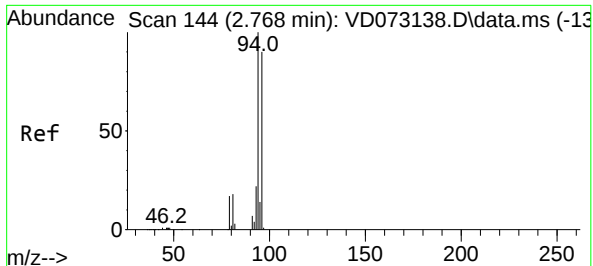
Tgt Ion: 50 Resp: 129698
Ion Ratio Lower Upper
50 100
52 34.1 27.4 41.0



#4
Vinyl Chloride
Concen: 48.255 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 62 Resp: 121589
Ion Ratio Lower Upper
62 100
64 33.9 25.4 38.0

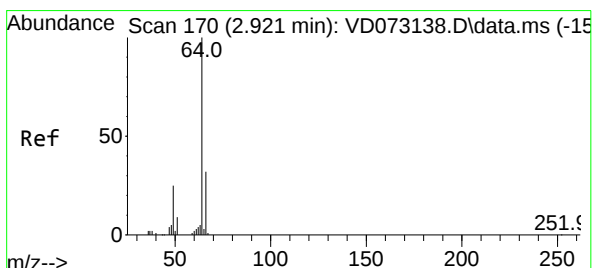
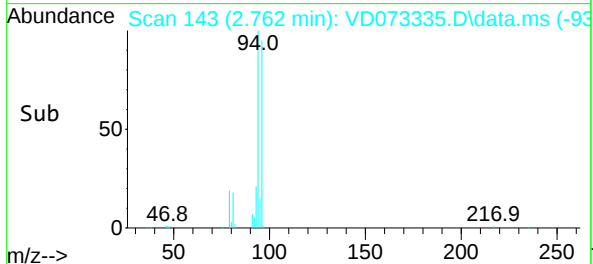
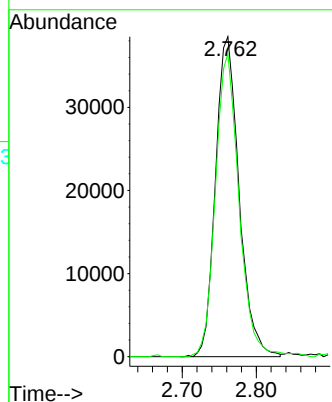
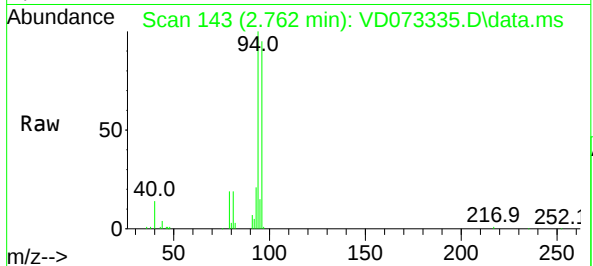




#5
Bromomethane
Concen: 52.895 ug/l
RT: 2.762 min Scan# 14
Delta R.T. -0.006 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

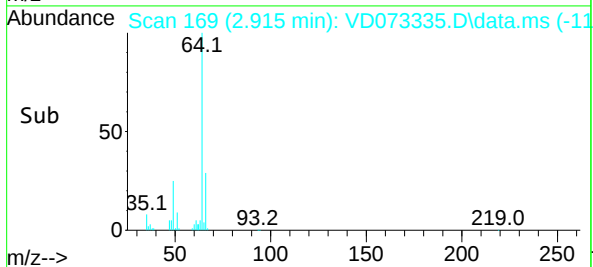
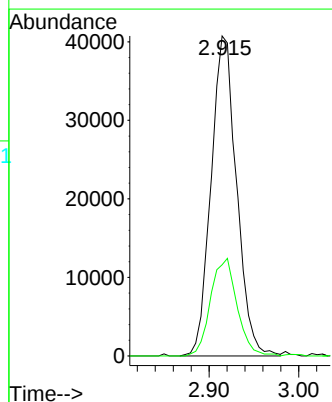
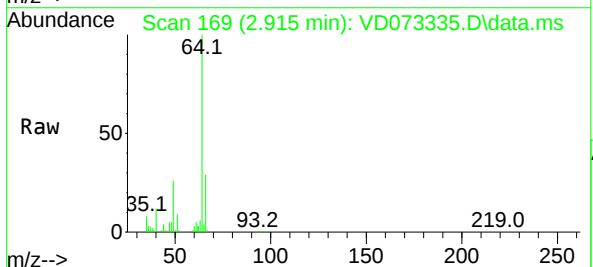
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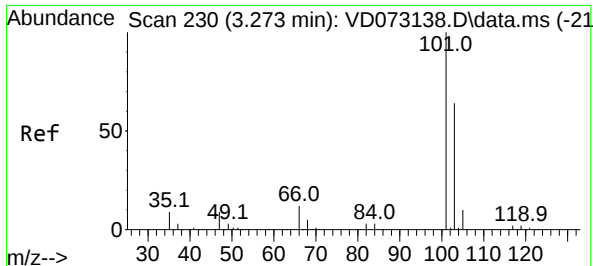
Tgt Ion: 94 Resp: 85066
Ion Ratio Lower Upper
94 100
96 94.7 77.6 116.4



#6
Chloroethane
Concen: 52.040 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 64 Resp: 80608
Ion Ratio Lower Upper
64 100
66 28.5 25.9 38.9

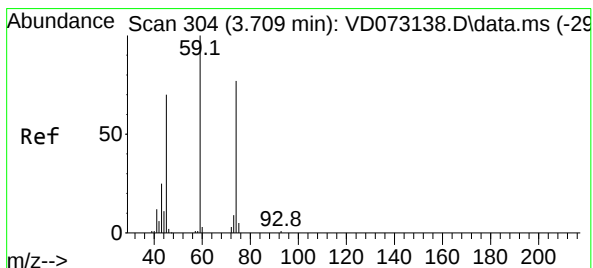
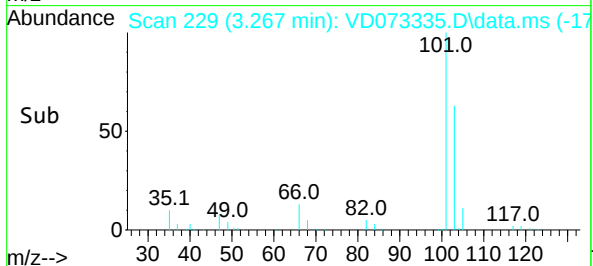
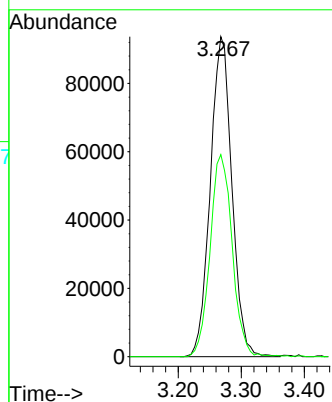
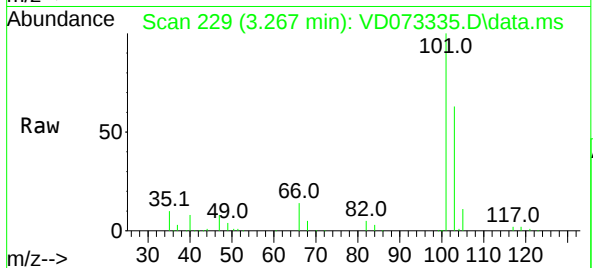




#7
Trichlorofluoromethane
Concen: 49.956 ug/l
RT: 3.267 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

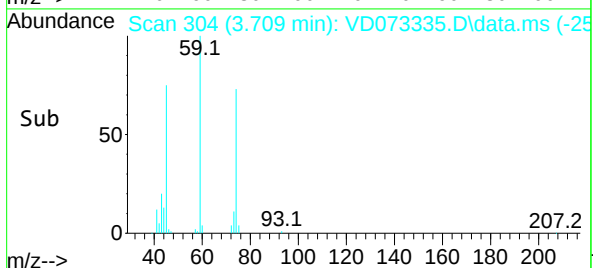
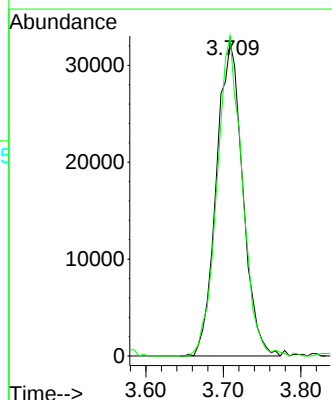
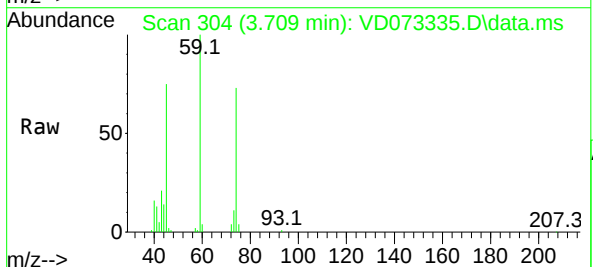
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Tgt Ion:101 Resp: 222573
Ion Ratio Lower Upper
101 100
103 63.1 50.1 75.1



#8
Diethyl Ether
Concen: 62.560 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 74 Resp: 76591
Ion Ratio Lower Upper
74 100
45 97.9 52.6 157.8

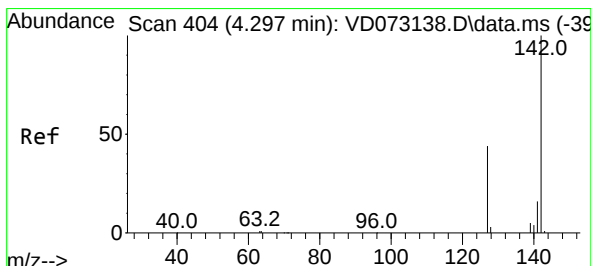
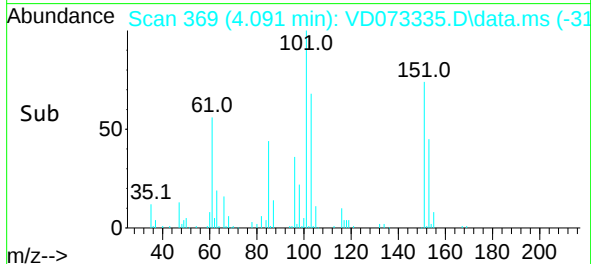
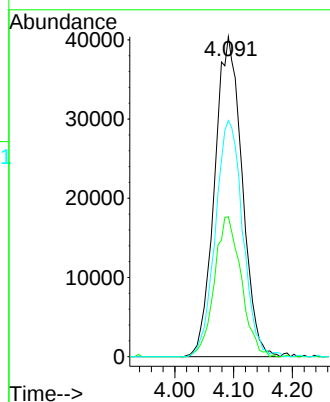
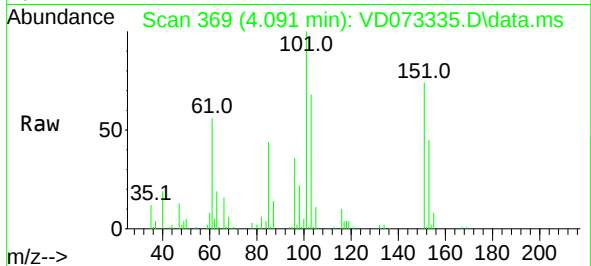




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.347 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

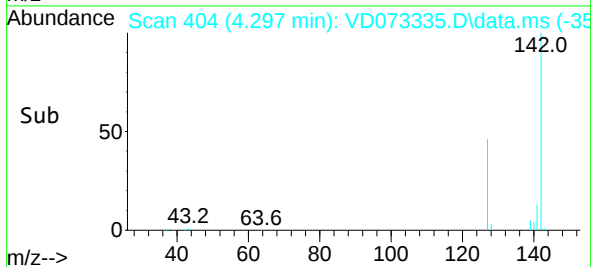
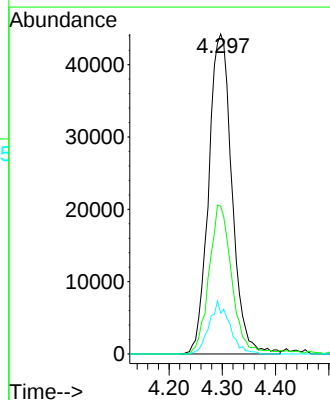
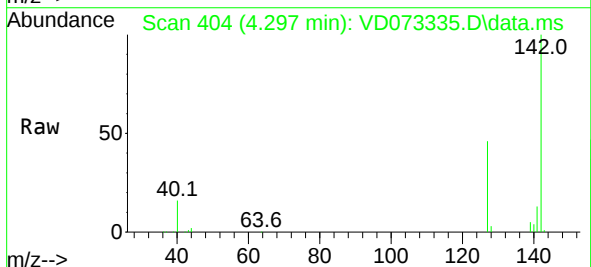
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

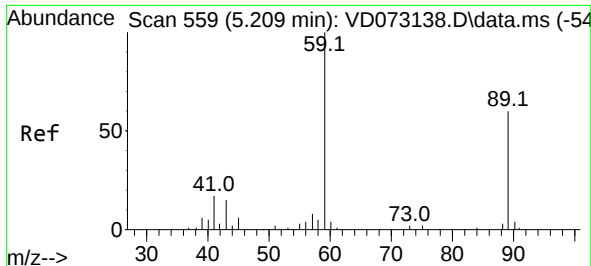
Tgt Ion:101 Resp: 131181
Ion Ratio Lower Upper
101 100
85 42.6 36.4 54.6
151 73.5 57.3 85.9



#10
Methyl Iodide
Concen: 46.754 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion:142 Resp: 134095
Ion Ratio Lower Upper
142 100
127 45.4 37.3 55.9
141 14.5 11.7 17.5





#11

Tert butyl alcohol

Concen: 140.930 ug/l

RT: 5.226 min Scan# 5

Delta R.T. 0.017 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

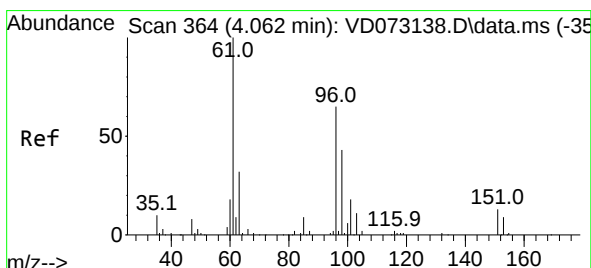
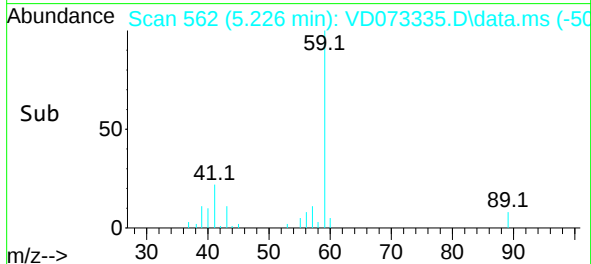
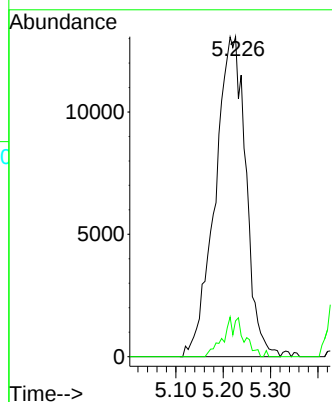
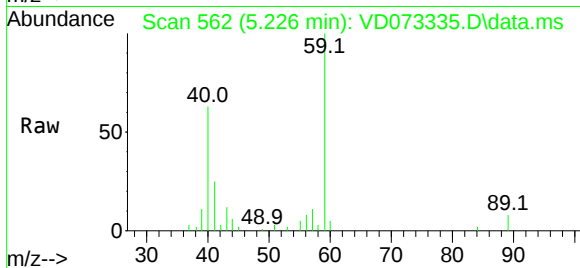
P044-SS002-0006-01MSD

Tgt Ion: 59 Resp: 58931

Ion Ratio Lower Upper

59 100

57 4.1 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 50.244 ug/l

RT: 4.062 min Scan# 364

Delta R.T. -0.000 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

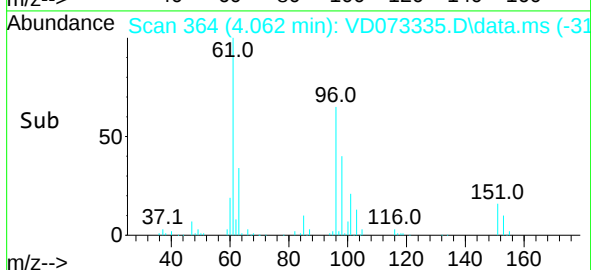
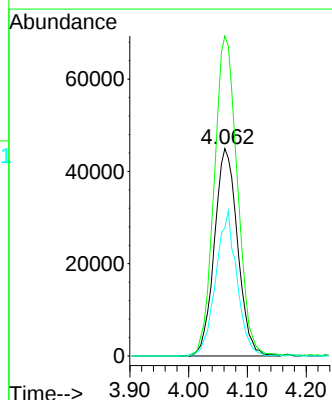
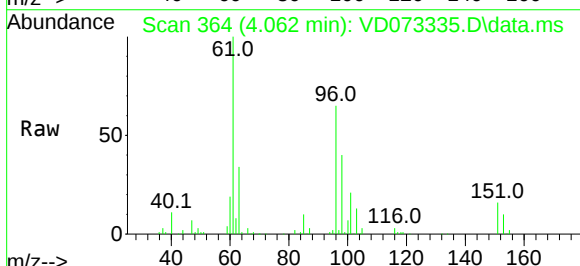
Tgt Ion: 96 Resp: 123142

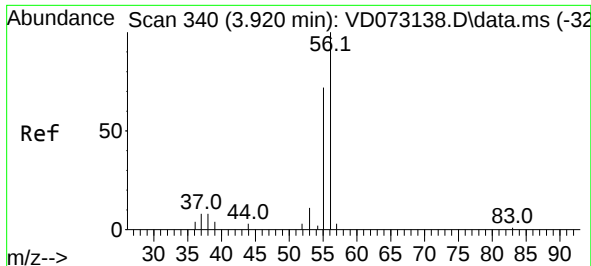
Ion Ratio Lower Upper

96 100

61 154.3 138.5 207.7

98 61.9 48.6 73.0

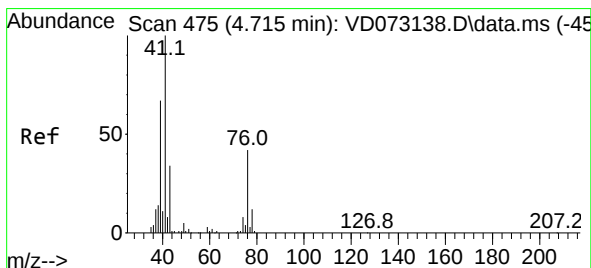
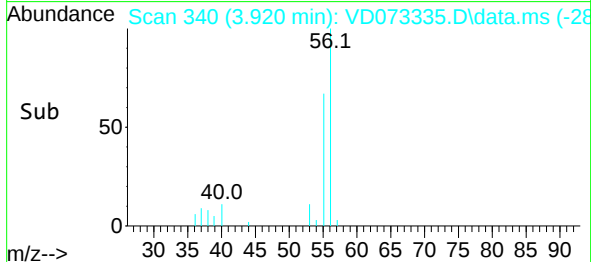
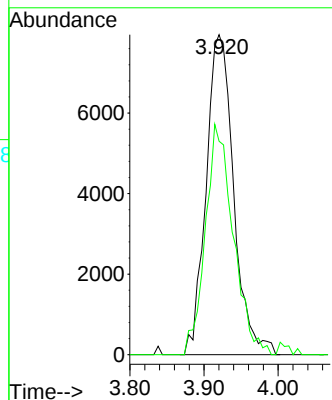
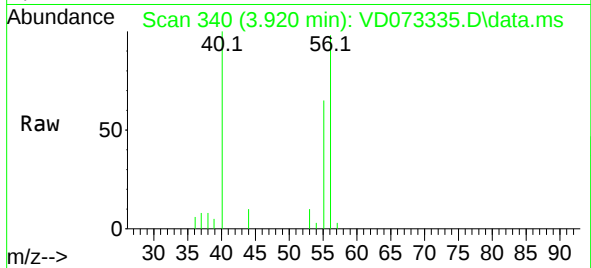




#13
Acrolein
Concen: 114.992 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

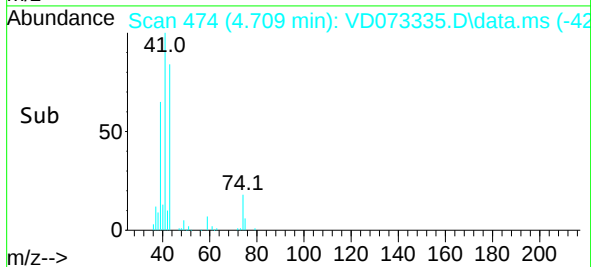
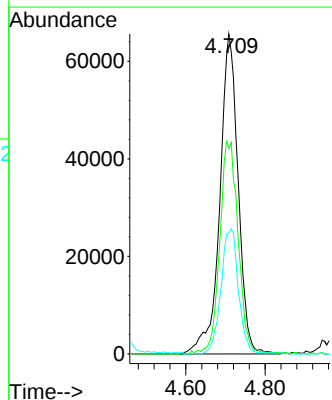
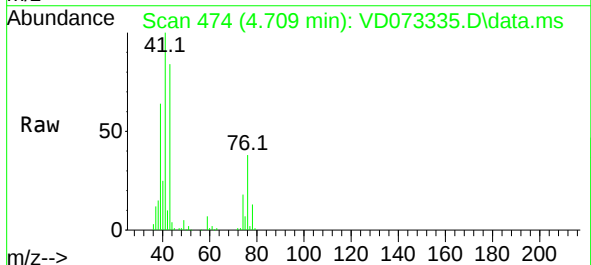
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

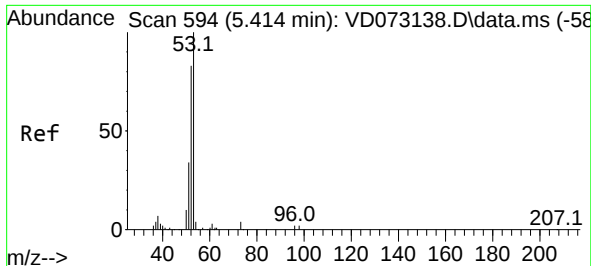
Tgt Ion: 56 Resp: 20572
Ion Ratio Lower Upper
56 100
55 72.8 57.1 85.7



#14
Allyl chloride
Concen: 53.235 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 41 Resp: 210607
Ion Ratio Lower Upper
41 100
39 67.0 59.3 88.9
76 37.3 25.7 38.5

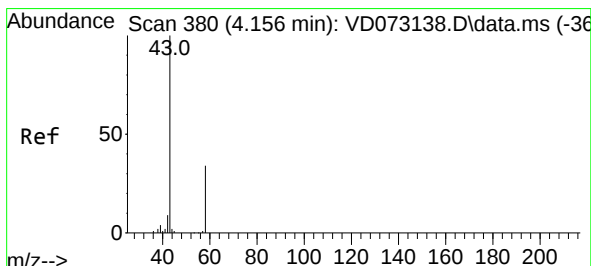
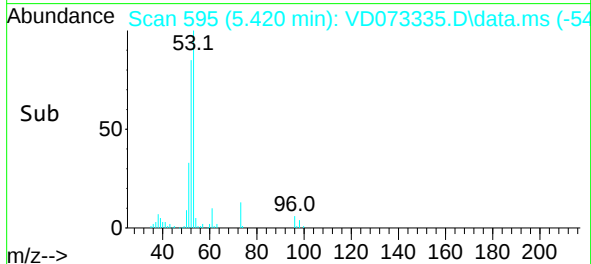
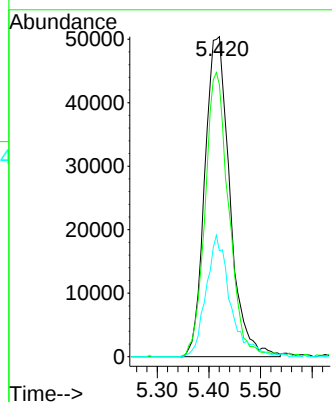
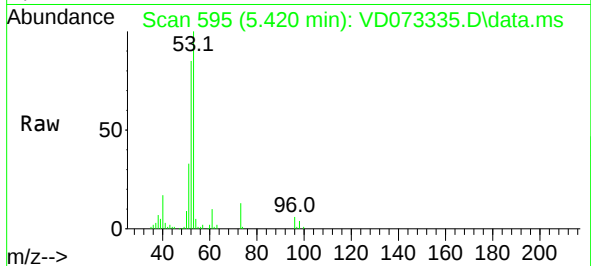




#15
Acrylonitrile
Concen: 302.912 ug/l
RT: 5.420 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

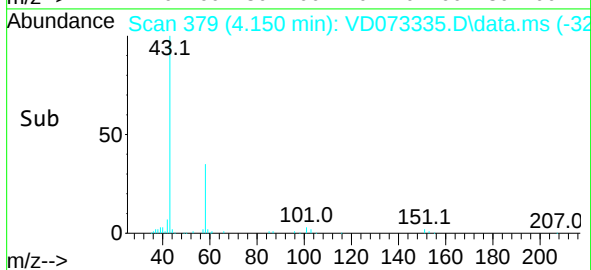
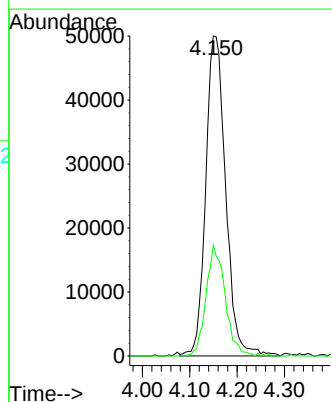
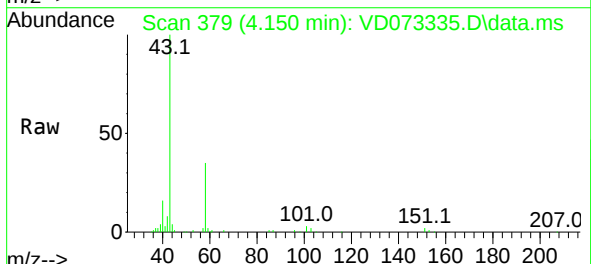
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

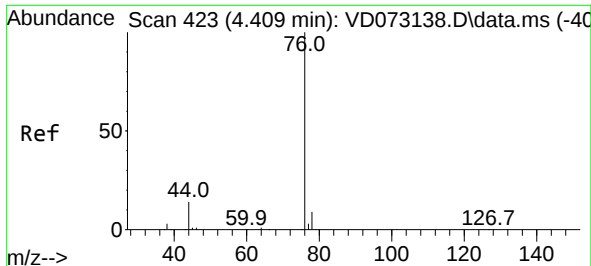
Tgt Ion: 53 Resp: 169580
Ion Ratio Lower Upper
53 100
52 84.1 67.2 100.8
51 36.6 30.3 45.5



#16
Acetone
Concen: 313.760 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 43 Resp: 146474
Ion Ratio Lower Upper
43 100
58 34.6 22.1 33.1#

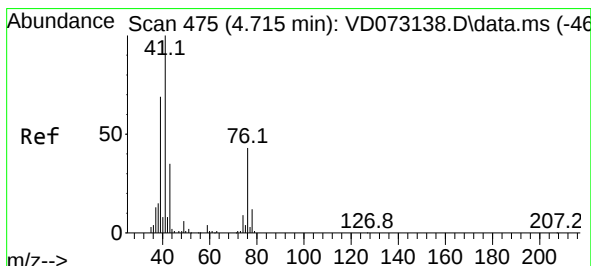
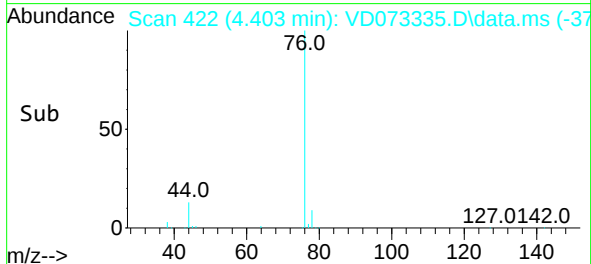
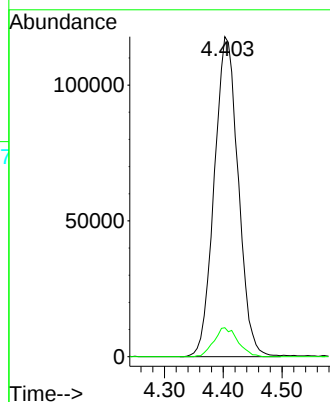
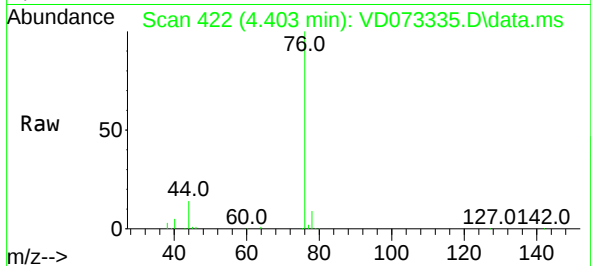




#17
Carbon Disulfide
Concen: 41.079 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

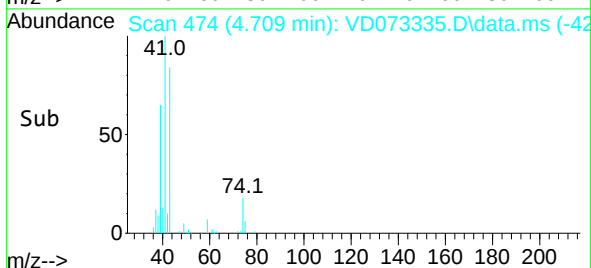
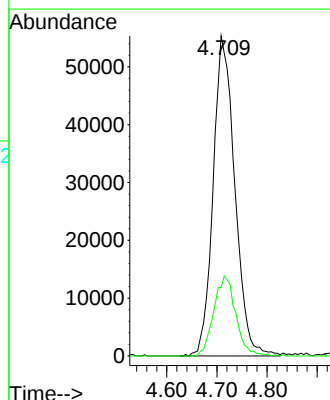
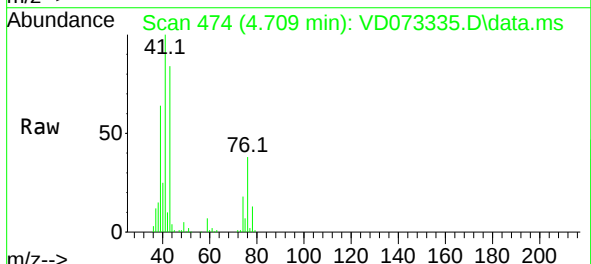
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

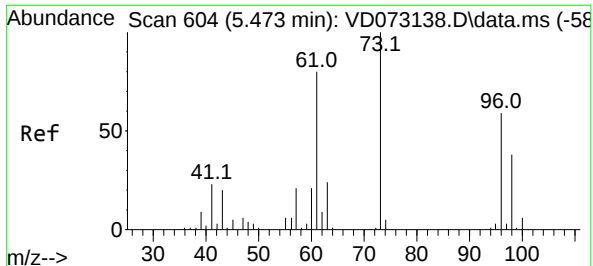
Tgt Ion: 76 Resp: 333759
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 127.935 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 43 Resp: 166076
Ion Ratio Lower Upper
43 100
74 25.3 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 65.590 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

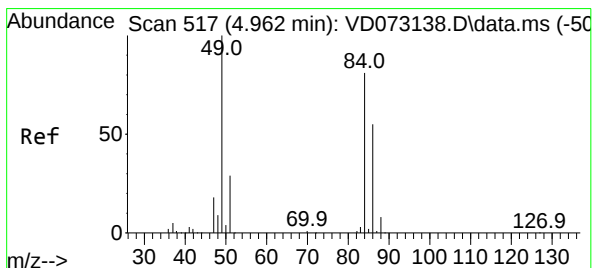
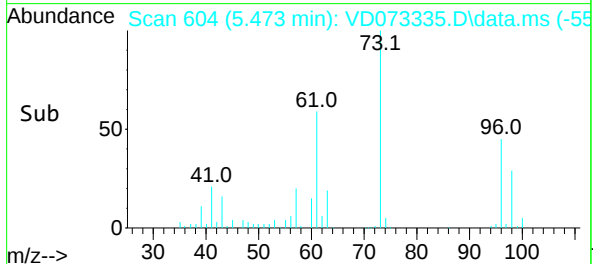
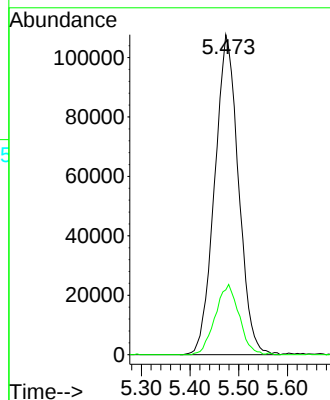
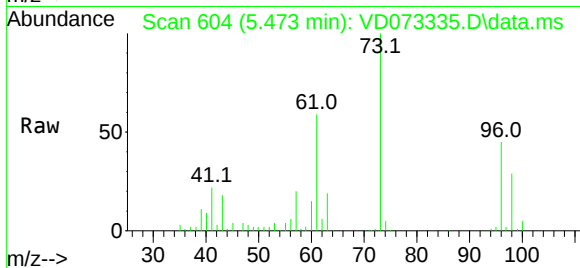
P044-SS002-0006-01MSD

Tgt Ion: 73 Resp: 366221

Ion Ratio Lower Upper

73 100

57 20.3 18.0 27.0



#20

Methylene Chloride

Concen: 65.521 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Tgt Ion: 84 Resp: 190343

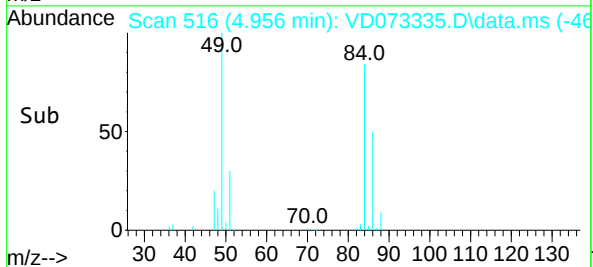
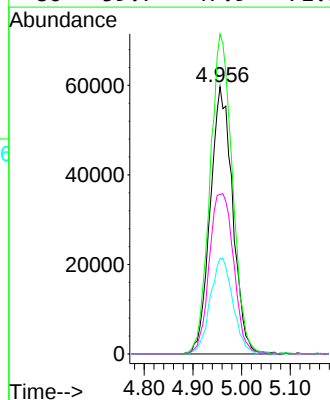
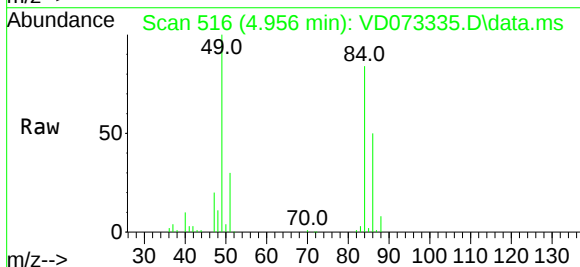
Ion Ratio Lower Upper

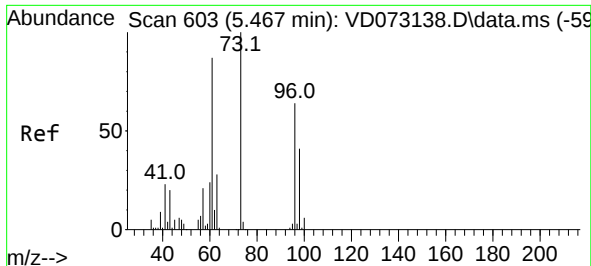
84 100

49 119.7 112.8 169.2

51 35.7 32.6 48.8

86 59.7 47.9 71.9

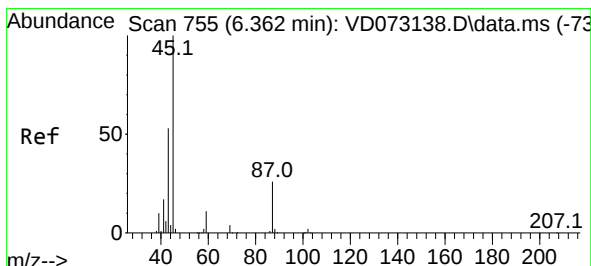
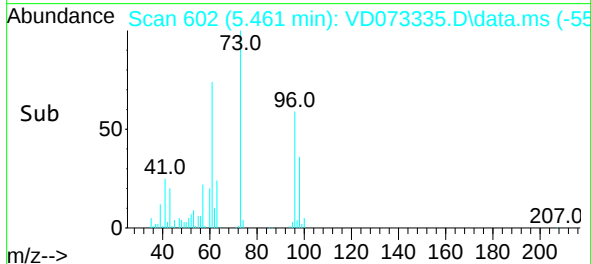
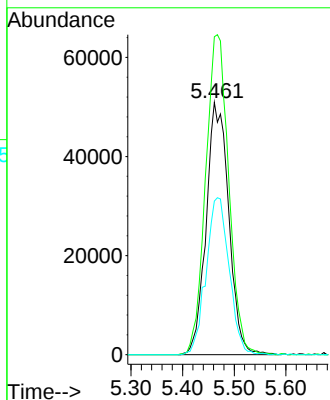
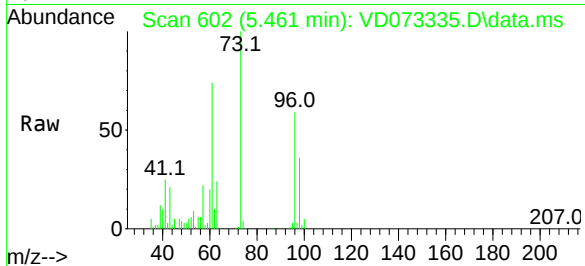




#21
trans-1,2-Dichloroethene
Concen: 52.207 ug/l
RT: 5.461 min Scan# 603
Delta R.T. -0.006 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

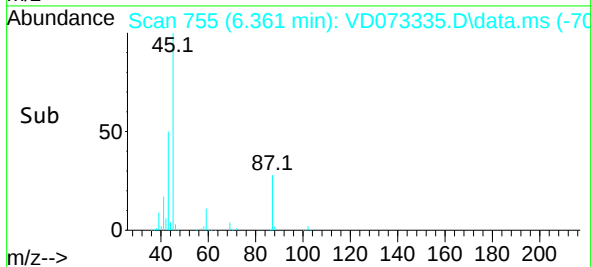
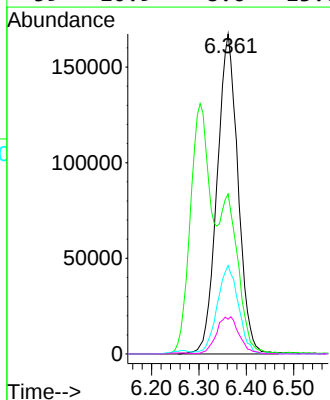
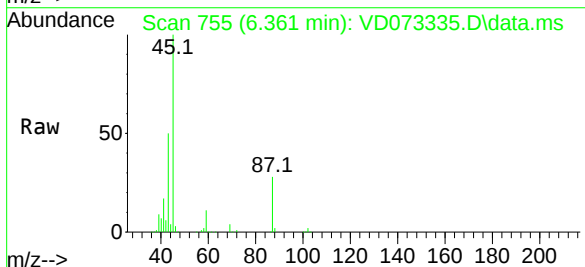
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

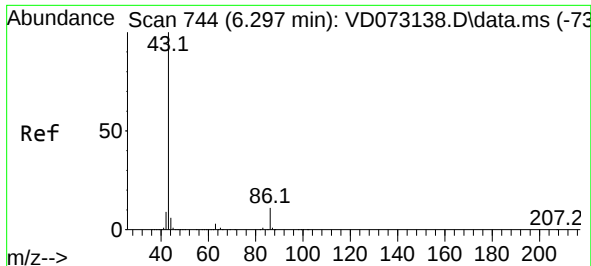
Tgt Ion: 96 Resp: 154709
Ion Ratio Lower Upper
96 100
61 126.0 117.9 176.9
98 60.9 49.4 74.2



#22
Diisopropyl ether
Concen: 61.831 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 45 Resp: 512776
Ion Ratio Lower Upper
45 100
43 49.7 46.6 70.0
87 27.6 18.4 27.6
59 10.9 8.6 13.0

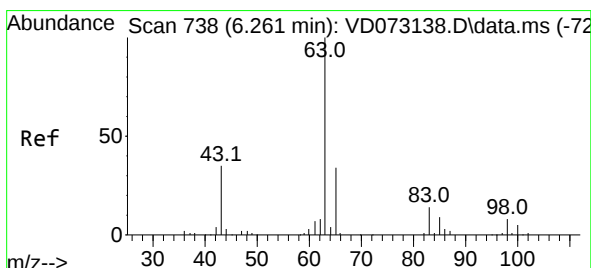
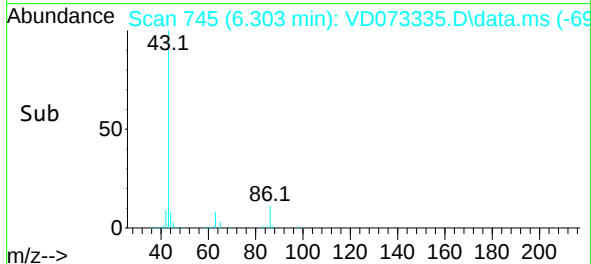
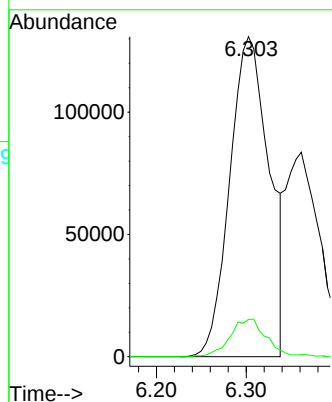
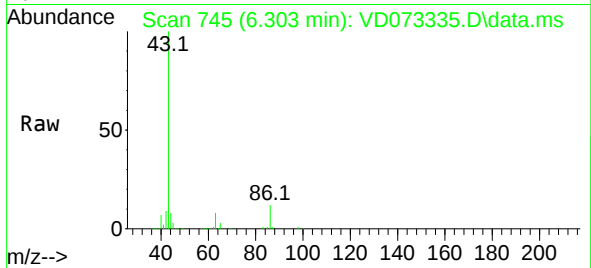




#23
 Vinyl Acetate
 Concen: 90.381 ug/l
 RT: 6.303 min Scan# 744
 Delta R.T. 0.006 min
 Lab File: VD073335.D
 Acq: 24 May 2022 20:10

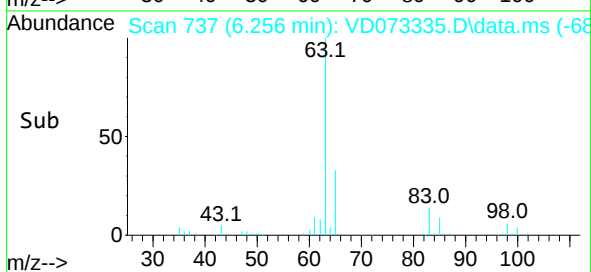
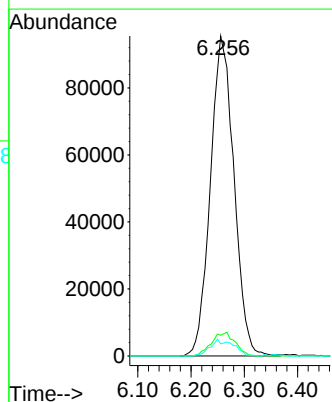
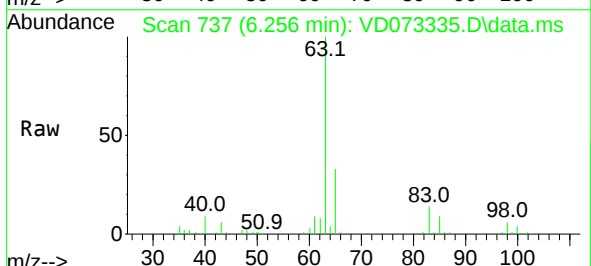
Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS002-0006-01MSD

Tgt Ion: 43 Resp: 399813
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 55.194 ug/l
 RT: 6.256 min Scan# 737
 Delta R.T. -0.005 min
 Lab File: VD073335.D
 Acq: 24 May 2022 20:10

Tgt Ion: 63 Resp: 293814
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.6 10.9
 100 3.8 2.1 6.5

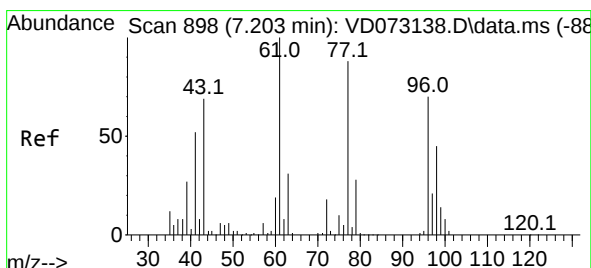
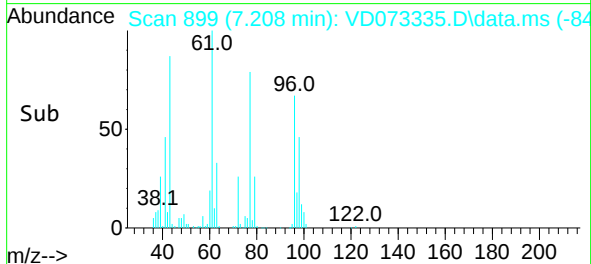
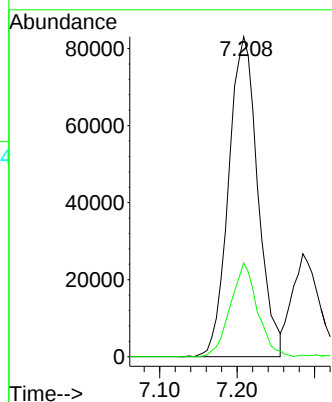
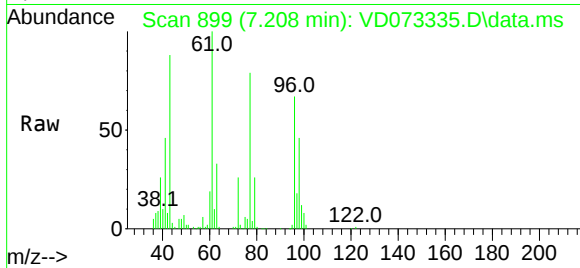




#25
2-Butanone
Concen: 318.139 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

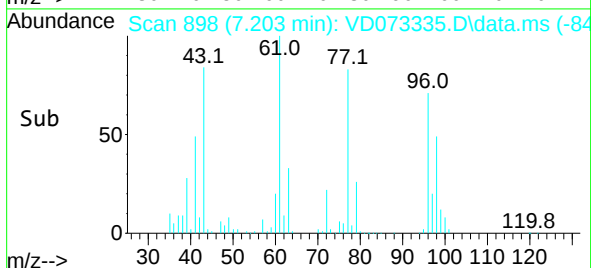
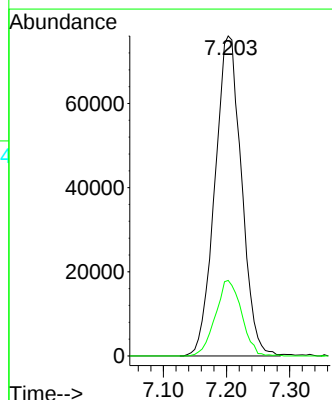
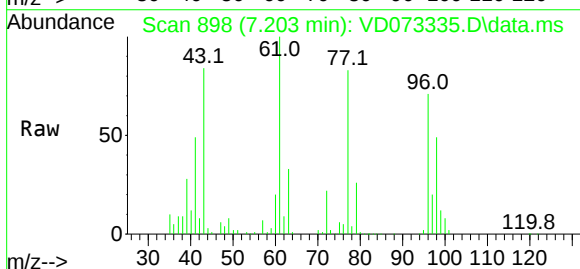
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

Tgt Ion: 43 Resp: 217288
Ion Ratio Lower Upper
43 100
72 29.3 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 48.943 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 77 Resp: 222188
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.4

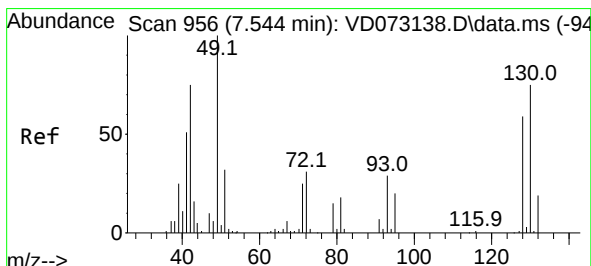
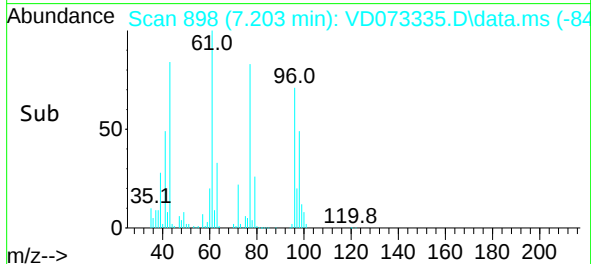
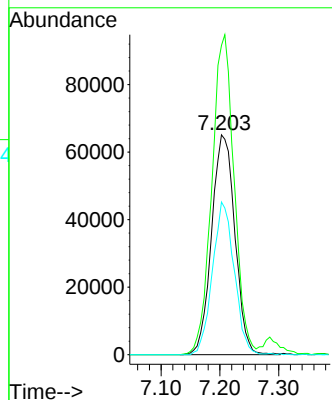
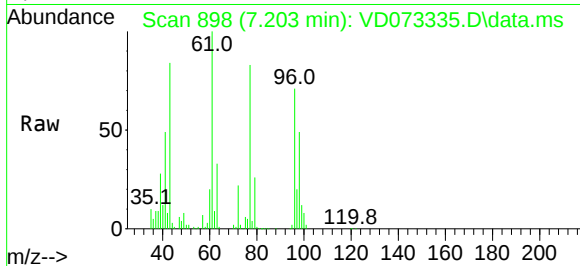




#27
cis-1,2-Dichloroethene
Concen: 54.748 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

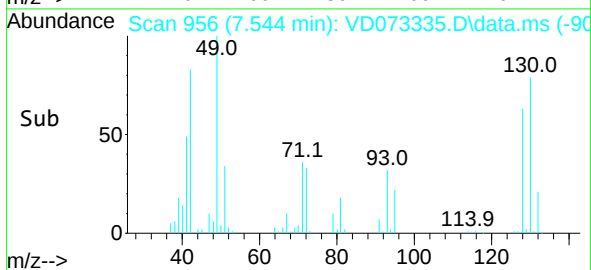
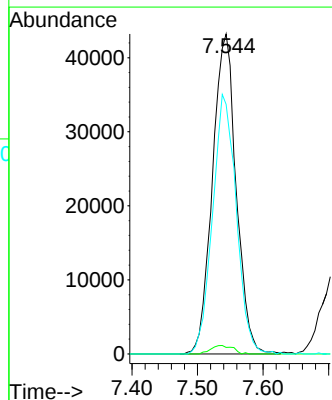
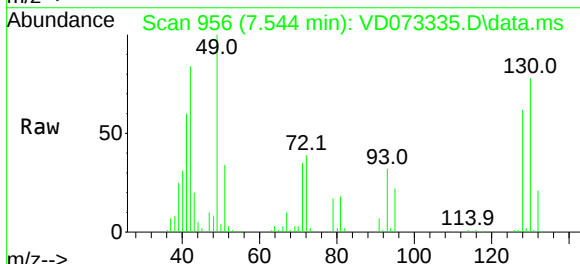
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

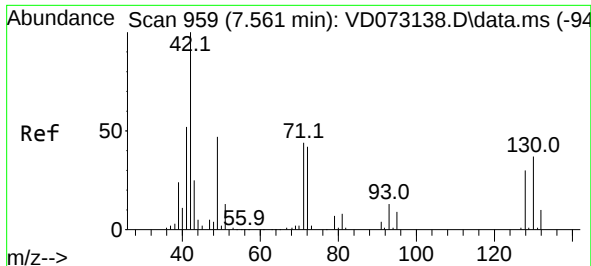
Tgt Ion: 96 Resp: 179516
Ion Ratio Lower Upper
96 100
61 139.1 0.0 313.8
98 64.8 0.0 128.8



#28
Bromochloromethane
Concen: 59.205 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 49 Resp: 108578
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.0
130 81.2 52.6 79.0#





#29

Tetrahydrofuran

Concen: 331.931 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073335.D

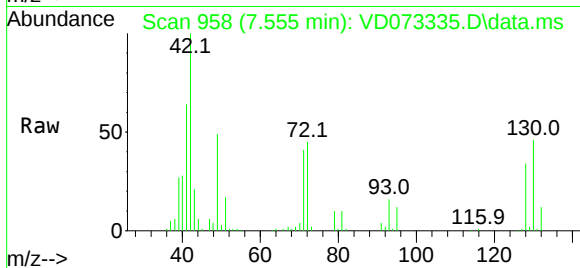
Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

P044-SS002-0006-01MSD



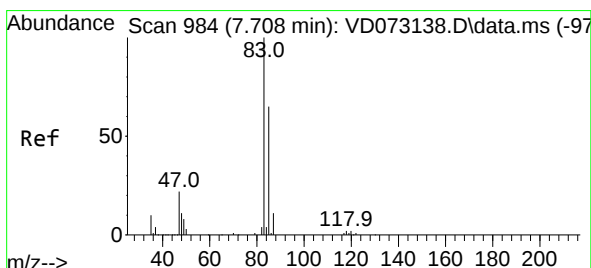
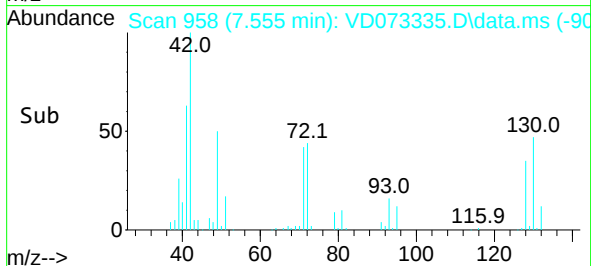
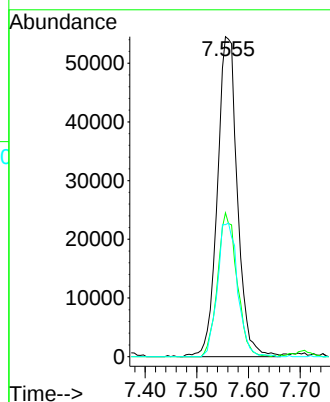
Tgt Ion: 42 Resp: 146593

Ion Ratio Lower Upper

42 100

72 43.7 30.7 46.1

71 42.4 28.6 43.0



#30

Chloroform

Concen: 56.325 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.006 min

Lab File: VD073335.D

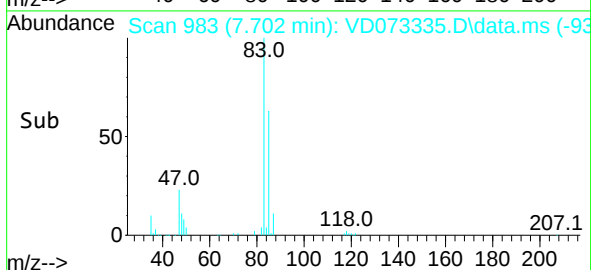
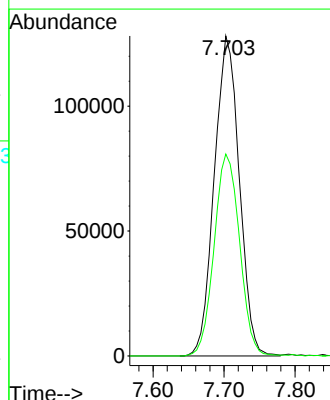
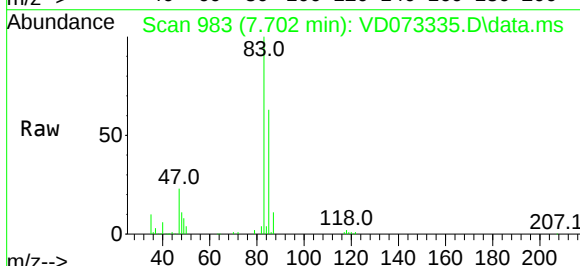
Acq: 24 May 2022 20:10

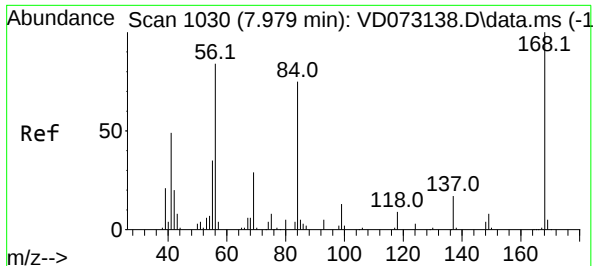
Tgt Ion: 83 Resp: 313023

Ion Ratio Lower Upper

83 100

85 63.1 52.7 79.1





#31

Cyclohexane

Concen: 39.744 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

P044-SS002-0006-01MSD

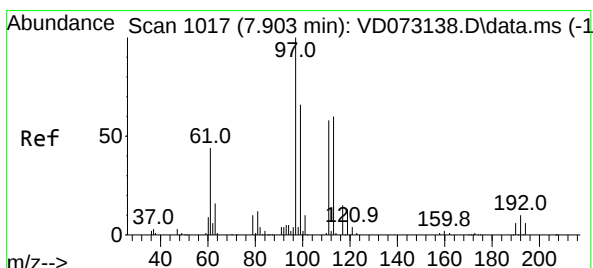
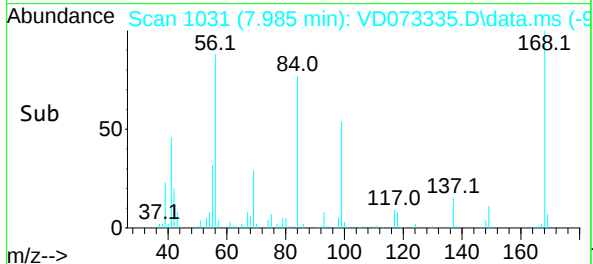
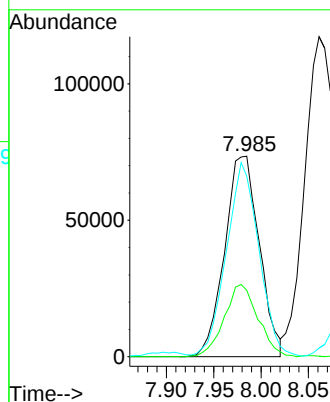
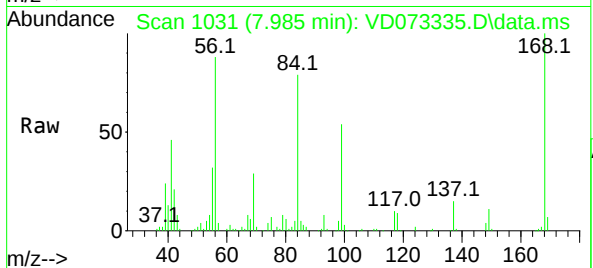
Tgt Ion: 56 Resp: 187191

Ion Ratio Lower Upper

56 100

69 33.1 25.4 38.2

84 88.3 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 51.068 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

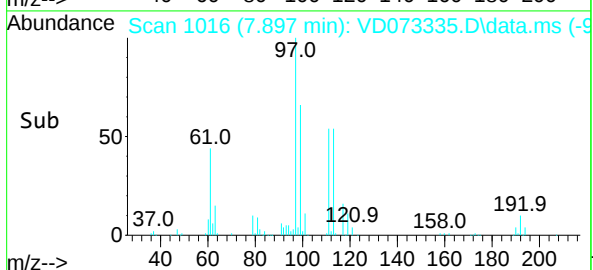
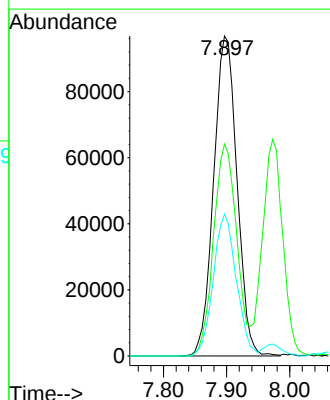
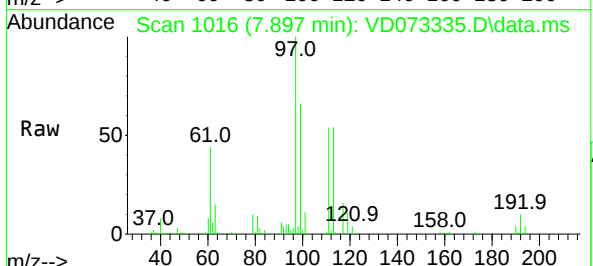
Tgt Ion: 97 Resp: 248223

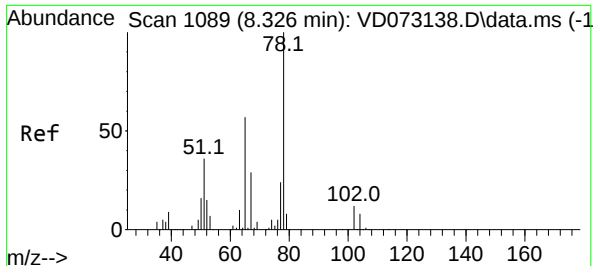
Ion Ratio Lower Upper

97 100

99 66.3 52.4 78.6

61 43.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 59.335 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

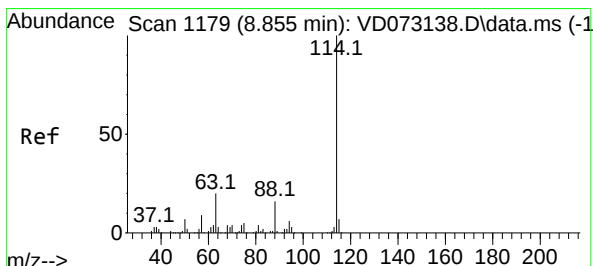
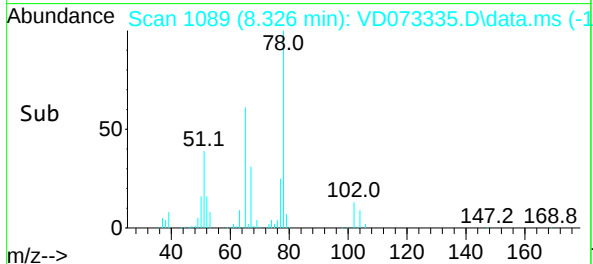
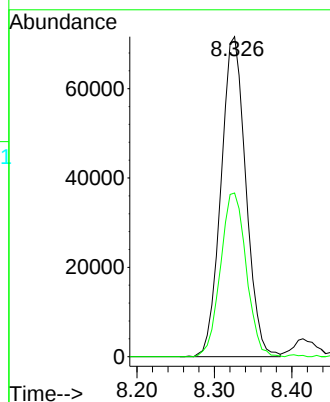
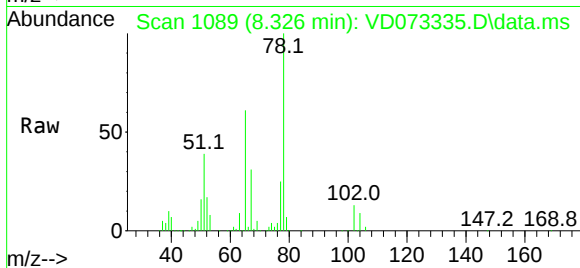
P044-SS002-0006-01MSD

Tgt Ion: 65 Resp: 159918

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

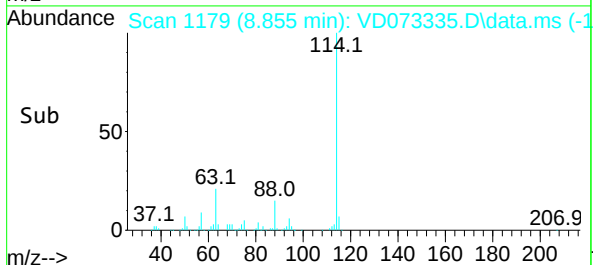
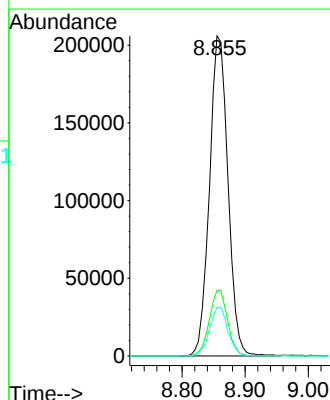
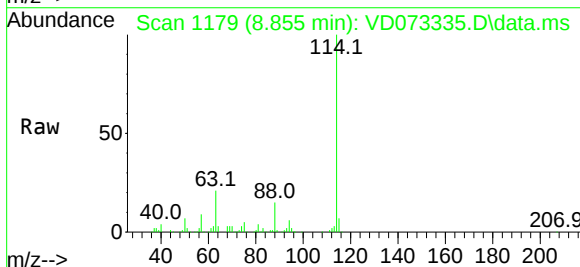
Tgt Ion: 114 Resp: 419370

Ion Ratio Lower Upper

114 100

63 20.5 0.0 46.6

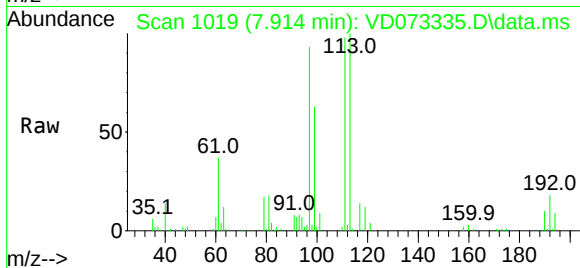
88 15.2 0.0 33.2



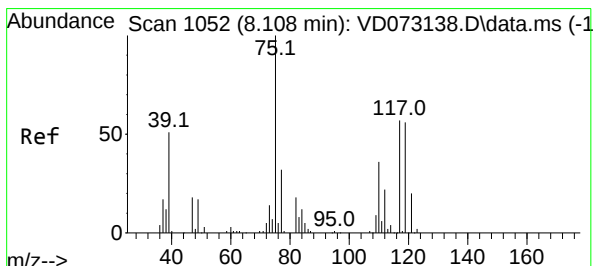
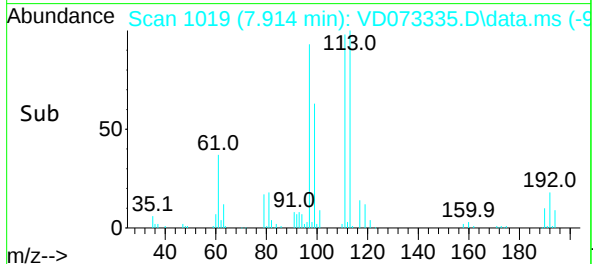
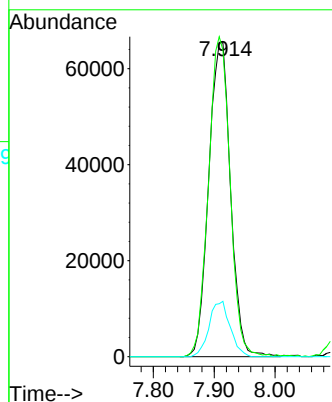


#35
Dibromofluoromethane
Concen: 58.968 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

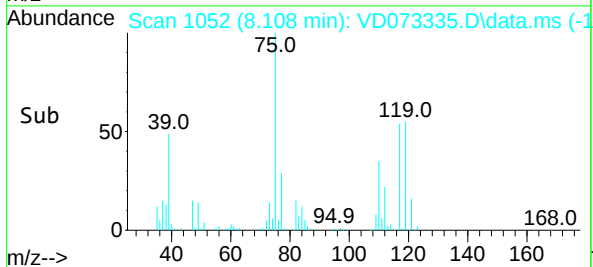
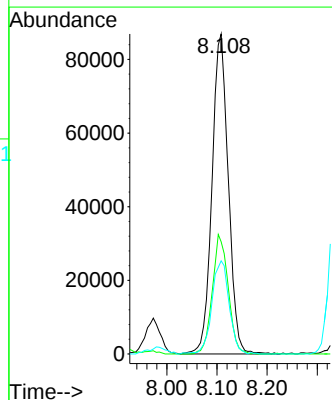
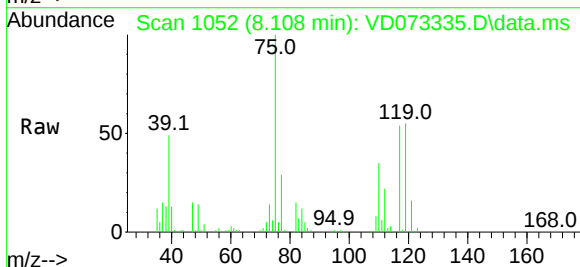


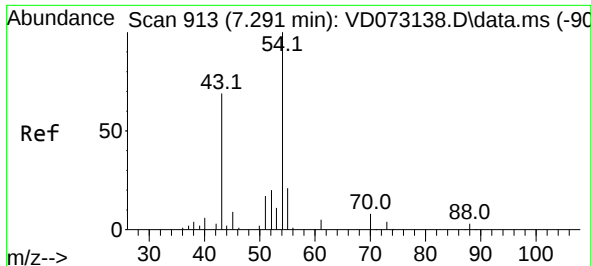
Tgt Ion:113 Resp: 163181
Ion Ratio Lower Upper
113 100
111 100.3 83.8 125.6
192 17.0 14.6 21.8



#36
1,1-Dichloropropene
Concen: 47.268 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 75 Resp: 196727
Ion Ratio Lower Upper
75 100
110 36.2 16.4 49.1
77 30.8 24.2 36.2





#37

Ethyl Acetate

Concen: 40.784 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

P044-SS002-0006-01MSD

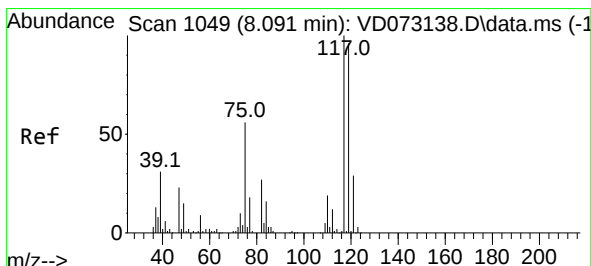
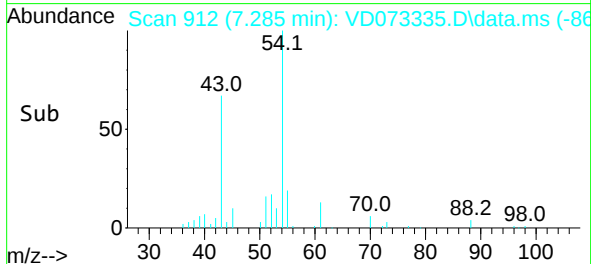
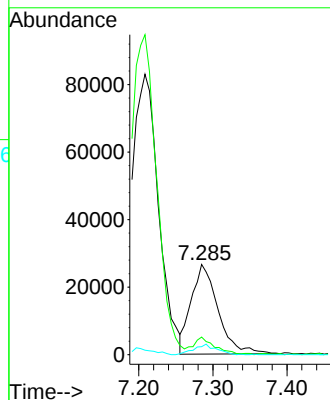
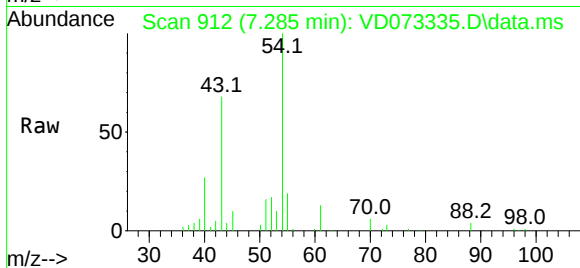
Tgt Ion: 43 Resp: 67046

Ion Ratio Lower Upper

43 100

61 16.0 9.8 14.8#

70 9.8 6.9 10.3



#38

Carbon Tetrachloride

Concen: 49.912 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

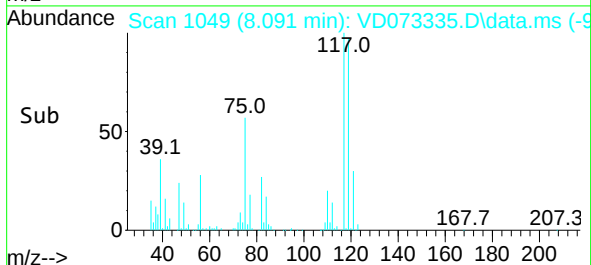
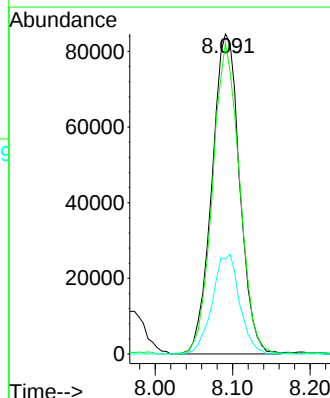
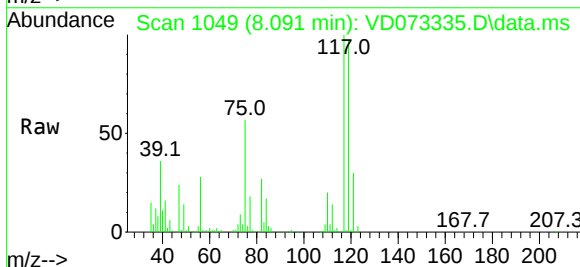
Tgt Ion:117 Resp: 210572

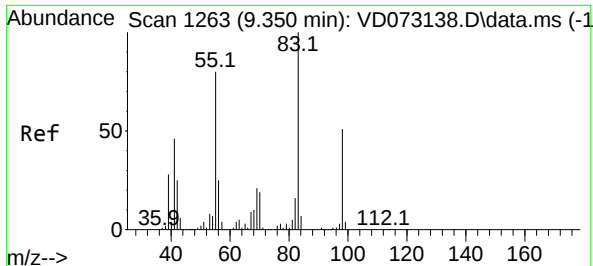
Ion Ratio Lower Upper

117 100

119 97.0 75.8 113.6

121 29.6 24.5 36.7





#39

Methylcyclohexane

Concen: 38.148 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

P044-SS002-0006-01MSD

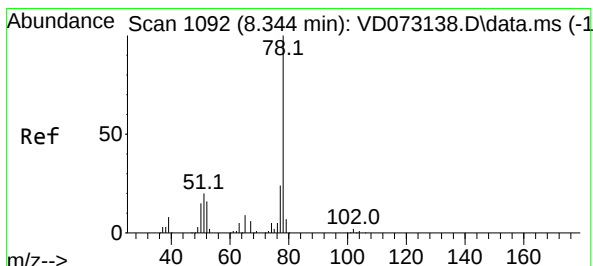
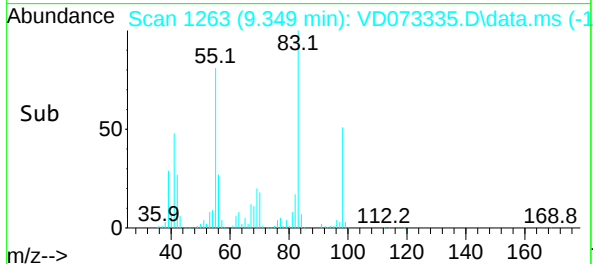
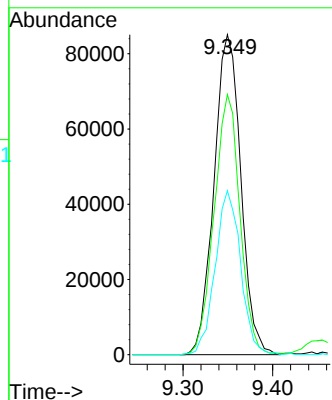
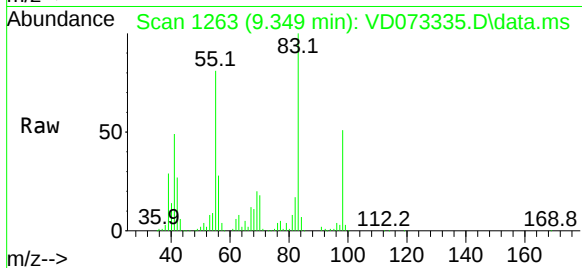
Tgt Ion: 83 Resp: 176941

Ion Ratio Lower Upper

83 100

55 81.3 63.2 94.8

98 51.2 38.2 57.4



#40

Benzene

Concen: 52.780 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073335.D

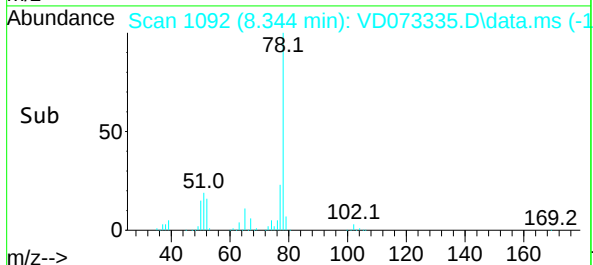
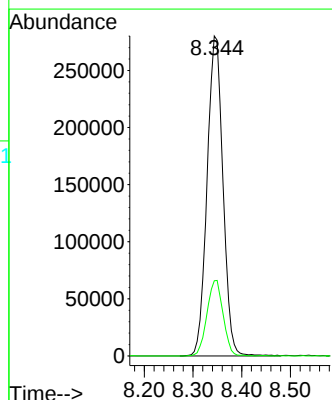
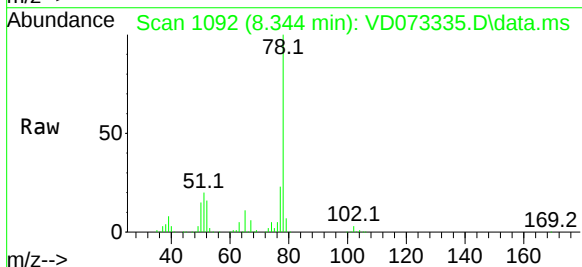
Acq: 24 May 2022 20:10

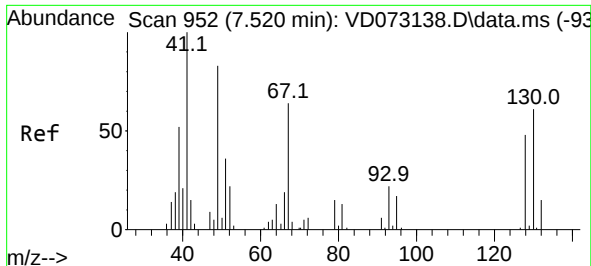
Tgt Ion: 78 Resp: 633081

Ion Ratio Lower Upper

78 100

77 23.5 19.1 28.7

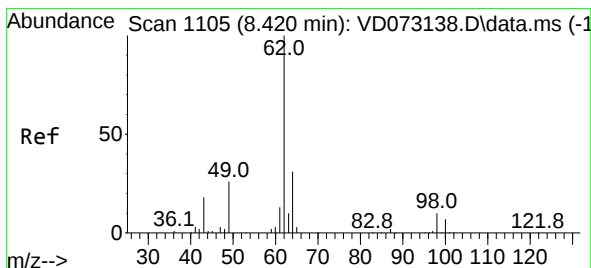
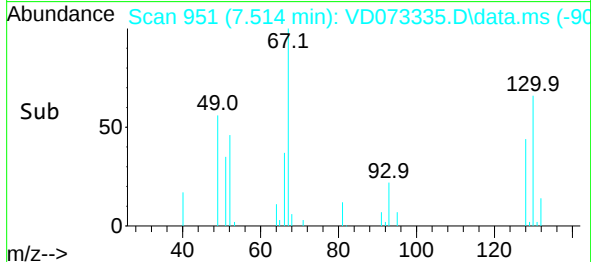
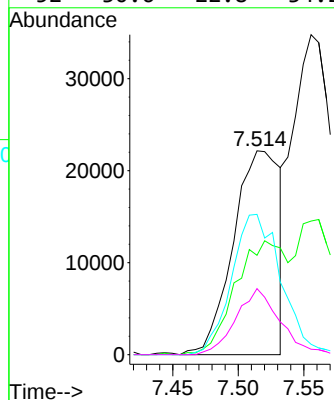
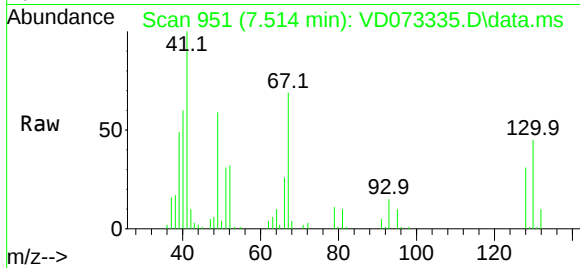




#41
Methacrylonitrile
Concen: 56.891 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

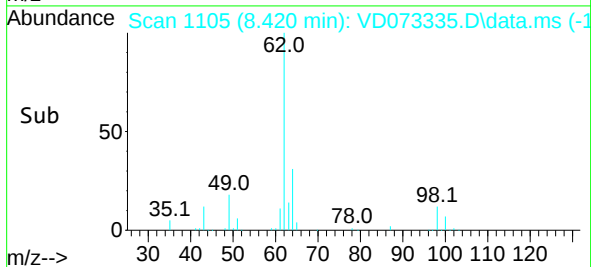
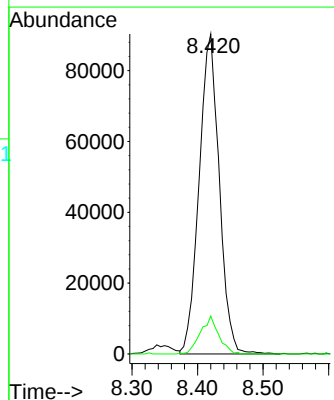
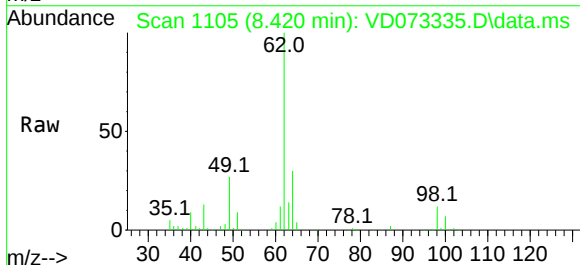
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

Tgt Ion:	41	Resp:	54491
Ion	Ratio	Lower	Upper
41	100		
39	60.7	44.6	67.0
67	73.8	48.2	72.4#
52	30.6	22.8	34.2



#42
1,2-Dichloroethane
Concen: 57.869 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion:	62	Resp:	193140
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	17.6

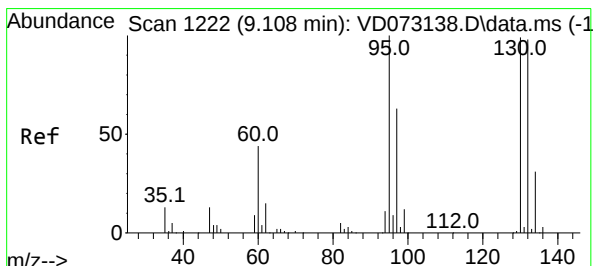
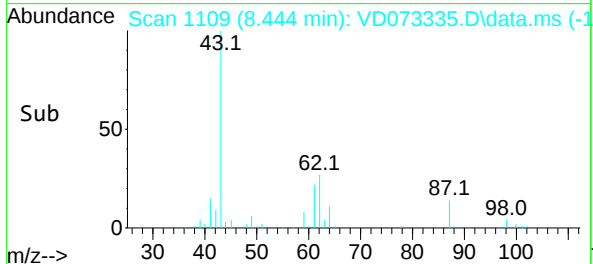
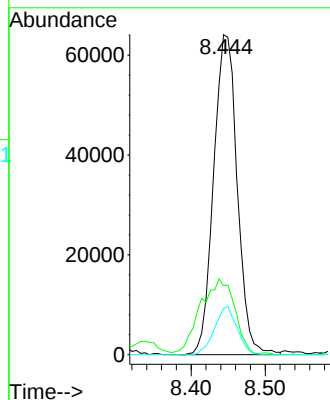
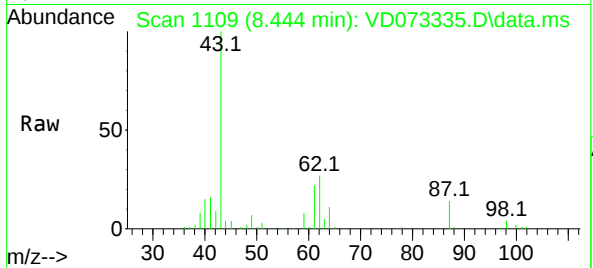




#43
Isopropyl Acetate
Concen: 46.726 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

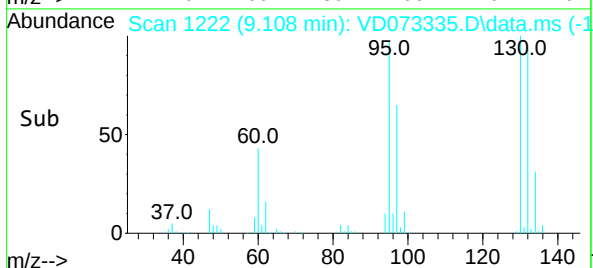
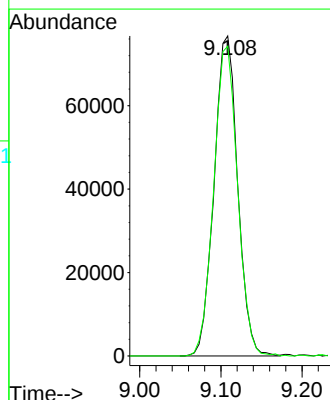
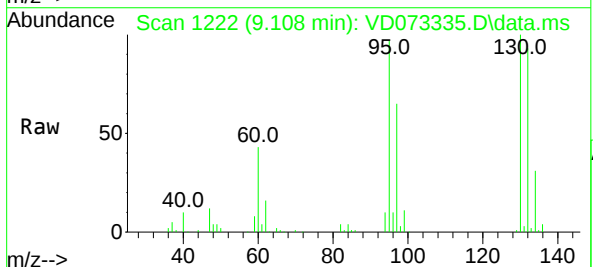
Instrument : MSVOA_D
ClientSampleId : P044-SS002-0006-01MSD

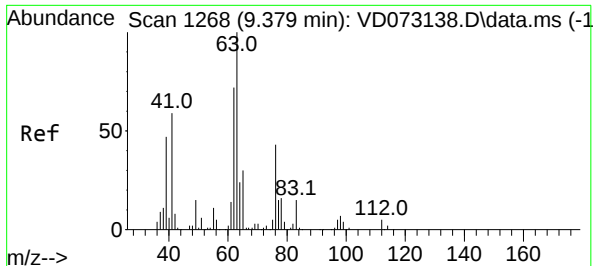
Tgt Ion: 43 Resp: 141982
Ion Ratio Lower Upper
43 100
61 34.0 22.4 33.6#
87 14.4 8.7 13.1#



#44
Trichloroethene
Concen: 48.508 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion:130 Resp: 155159
Ion Ratio Lower Upper
130 100
95 96.8 0.0 205.4





#45

1,2-Dichloropropane

Concen: 55.711 ug/l

RT: 9.379 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

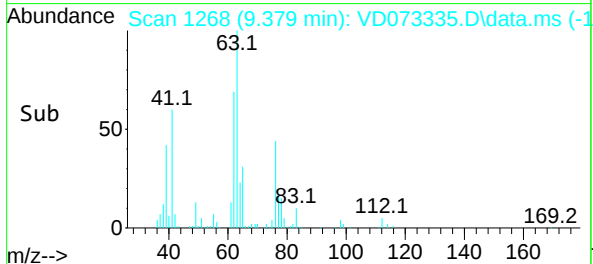
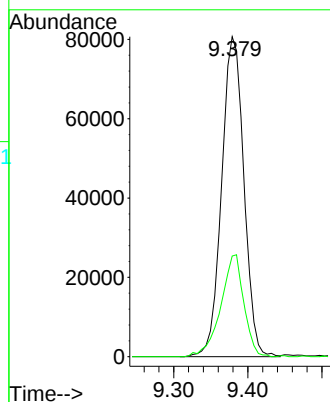
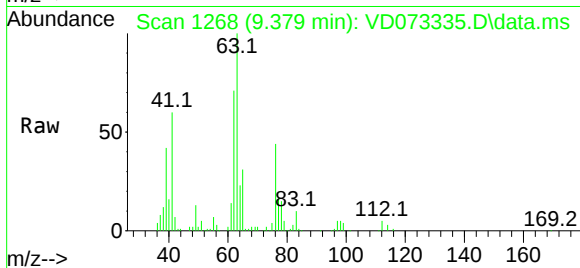
P044-SS002-0006-01MSD

Tgt Ion: 63 Resp: 168288

Ion Ratio Lower Upper

63 100

65 31.4 26.2 39.4



#46

Dibromomethane

Concen: 58.153 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

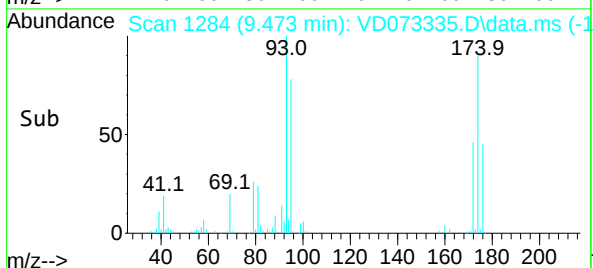
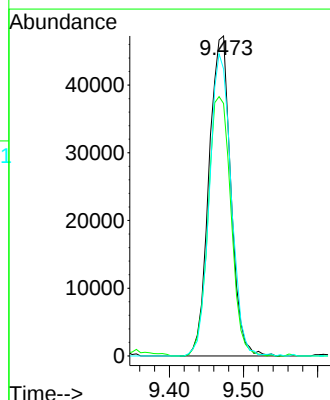
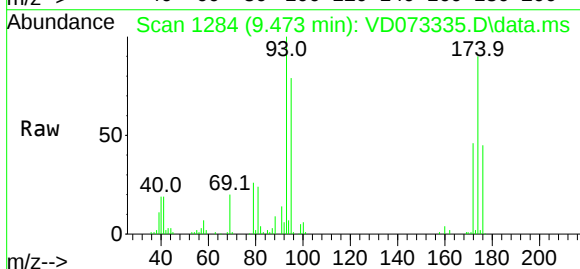
Tgt Ion: 93 Resp: 96479

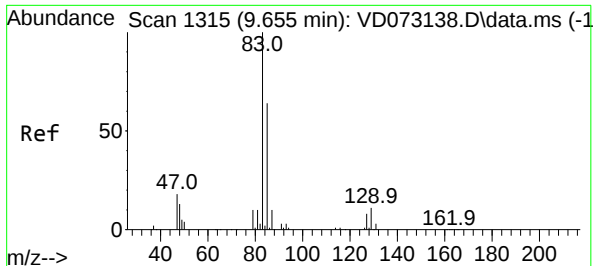
Ion Ratio Lower Upper

93 100

95 84.7 66.7 100.1

174 93.9 71.6 107.4

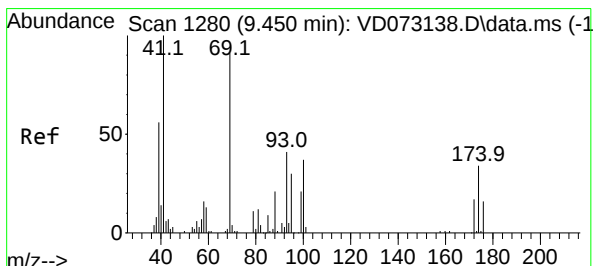
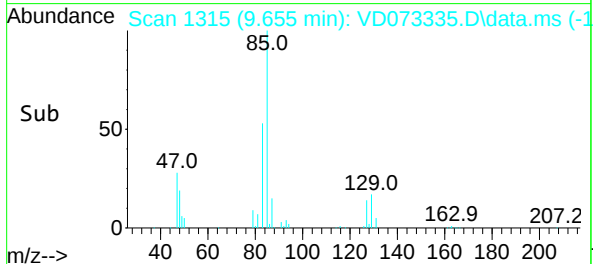
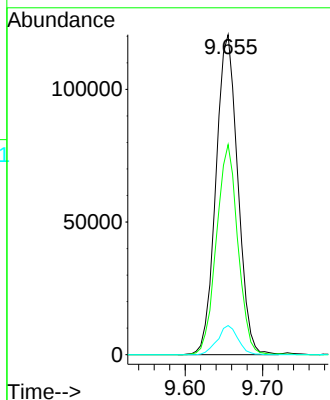
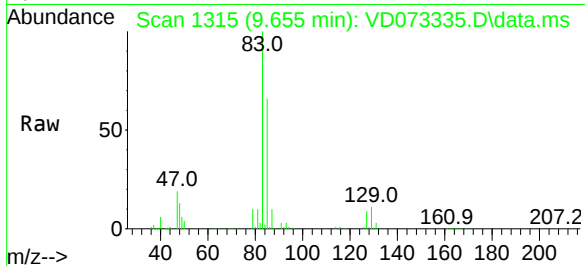




#47
Bromodichloromethane
Concen: 55.707 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

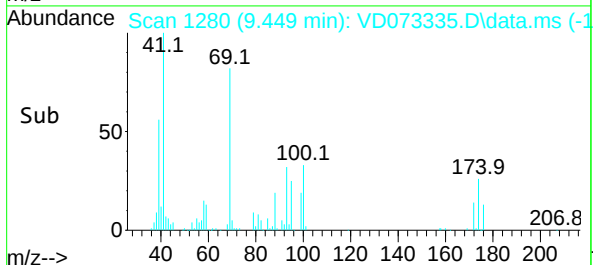
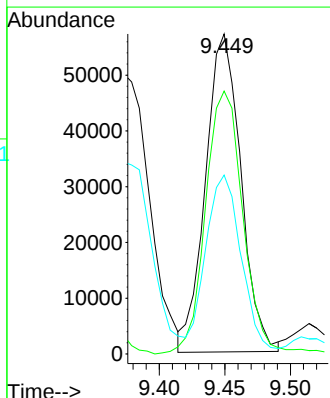
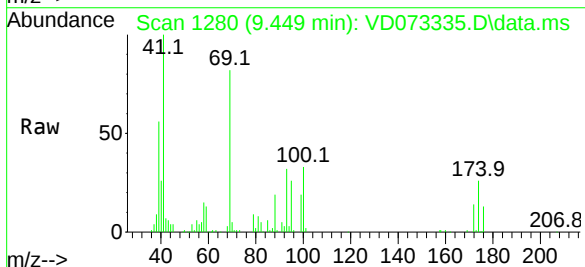
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

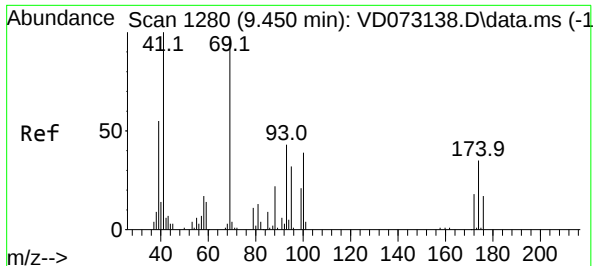
Tgt Ion: 83 Resp: 236477
Ion Ratio Lower Upper
83 100
85 65.7 51.4 77.0
127 9.1 6.1 9.1



#48
Methyl methacrylate
Concen: 70.075 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 41 Resp: 107128
Ion Ratio Lower Upper
41 100
69 87.7 56.7 85.1#
39 56.4 42.7 64.1

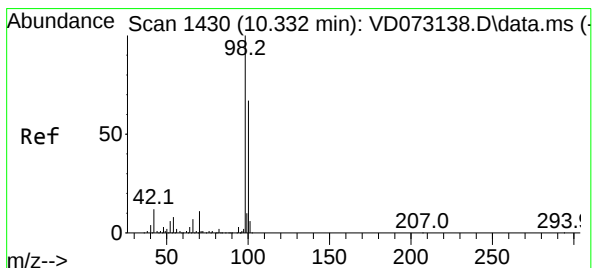
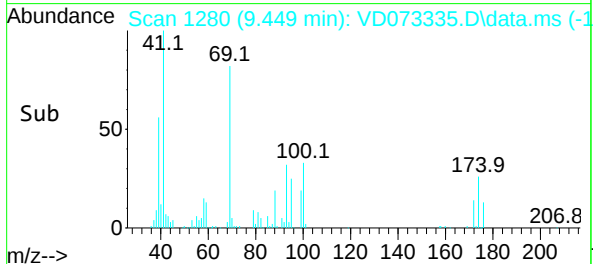
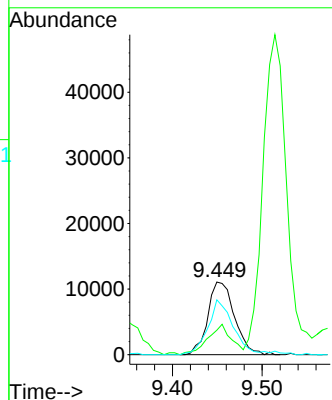
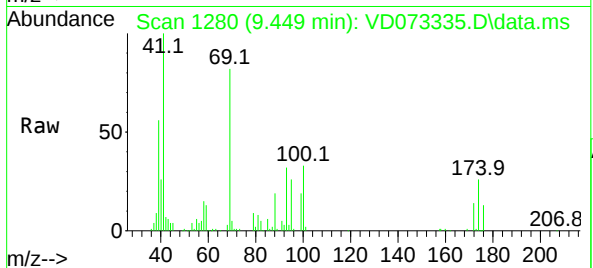




#49
1,4-Dioxane
Concen: 1337.768 ug/l
RT: 9.449 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

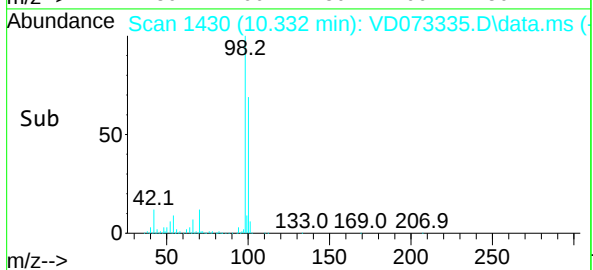
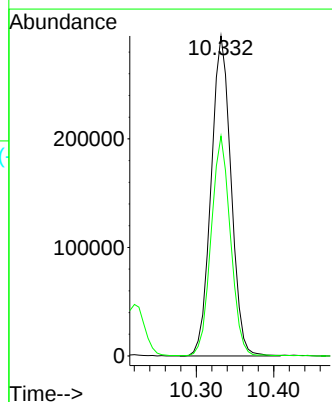
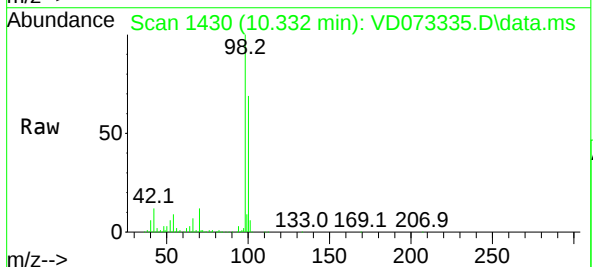
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

Tgt Ion: 88 Resp: 22920
Ion Ratio Lower Upper
88 100
43 36.8 31.0 46.4
58 70.7 58.1 87.1



#50
Toluene-d8
Concen: 51.634 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 98 Resp: 526709
Ion Ratio Lower Upper
98 100
100 66.5 52.4 78.6

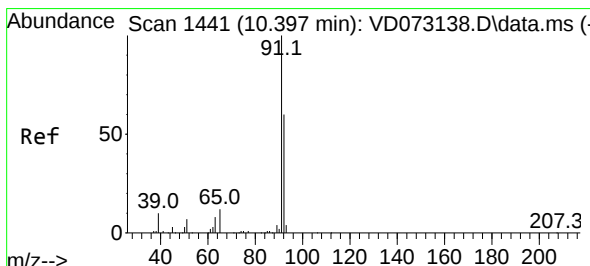
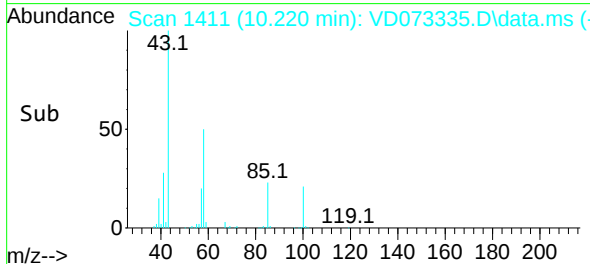
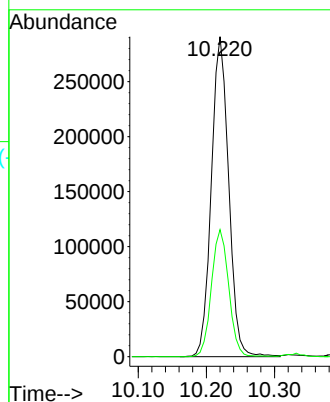
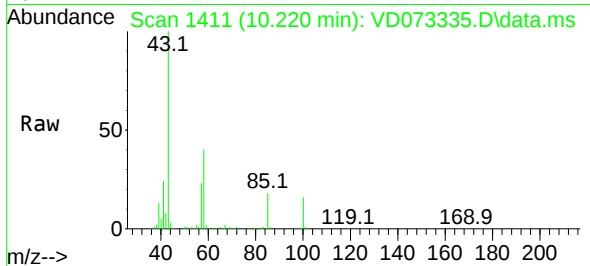




#51
4-Methyl-2-Pentanone
Concen: 326.803 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

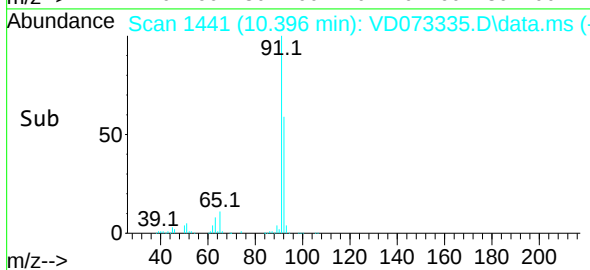
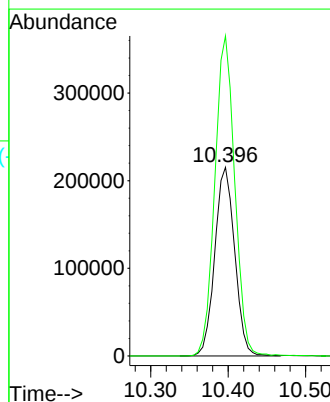
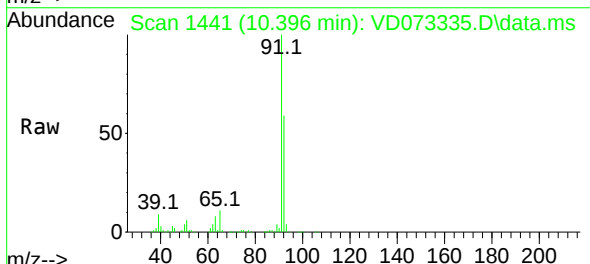
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

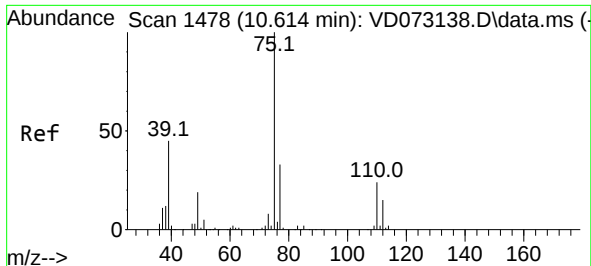
Tgt Ion: 43 Resp: 515759
Ion Ratio Lower Upper
43 100
58 39.5 28.6 43.0



#52
Toluene
Concen: 50.604 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 92 Resp: 383562
Ion Ratio Lower Upper
92 100
91 170.1 139.6 209.4

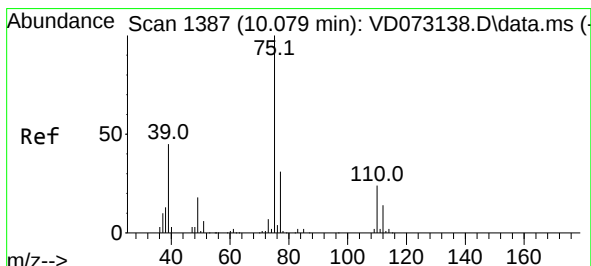
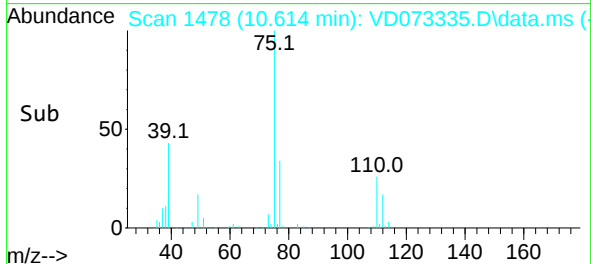
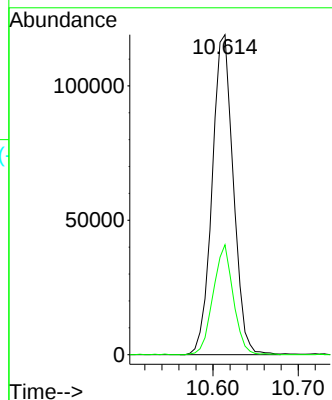
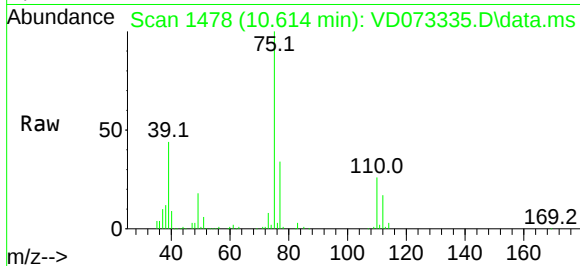




#53
t-1,3-Dichloropropene
Concen: 53.757 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

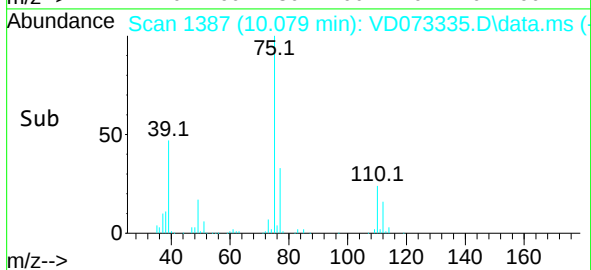
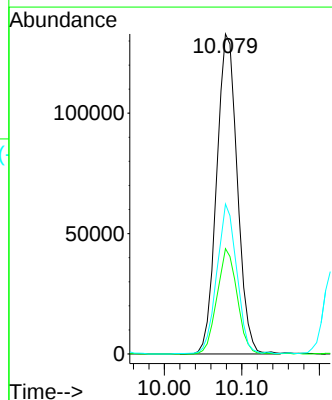
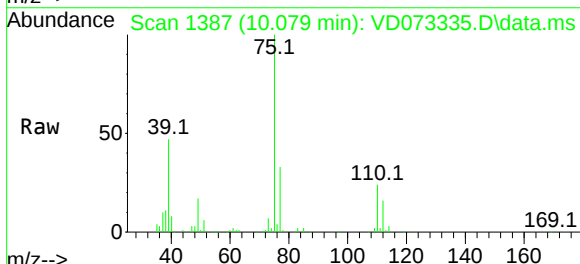
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

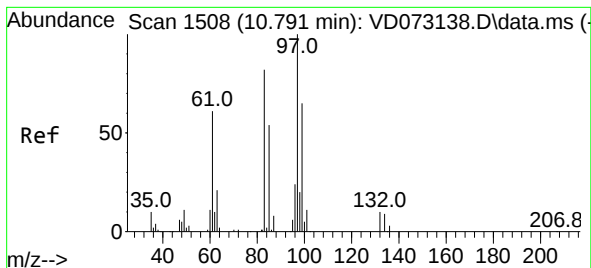
Tgt Ion: 75 Resp: 206158
Ion Ratio Lower Upper
75 100
77 34.3 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 53.817 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 75 Resp: 246984
Ion Ratio Lower Upper
75 100
77 32.9 24.8 37.2
39 46.7 46.8 70.2#





#55

1,1,2-Trichloroethane

Concen: 57.276 ug/l

RT: 10.791 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073335.D

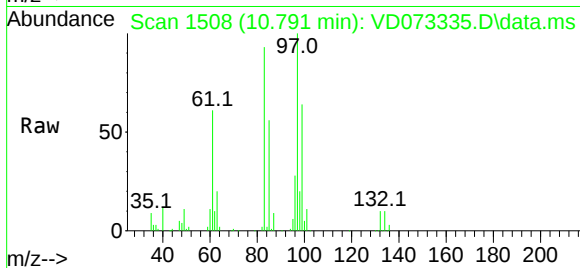
Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

P044-SS002-0006-01MSD



Tgt Ion: 97 Resp: 128498

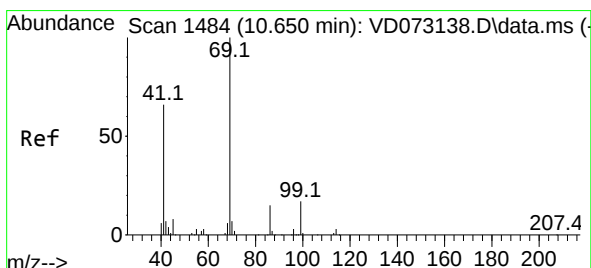
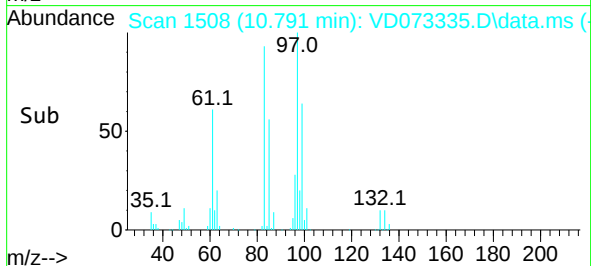
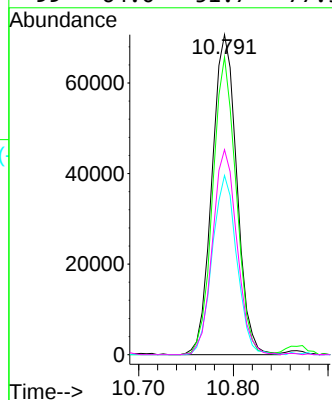
Ion Ratio Lower Upper

97 100

83 93.0 69.0 103.4

85 56.0 42.6 63.8

99 64.0 51.7 77.5



#56

Ethyl methacrylate

Concen: 44.389 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. 0.005 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

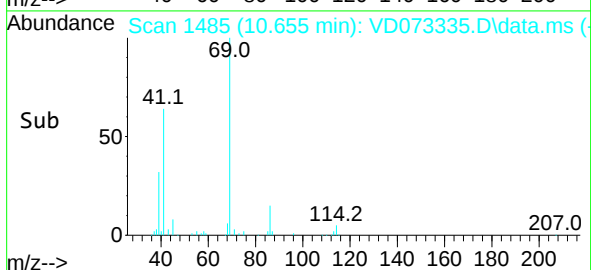
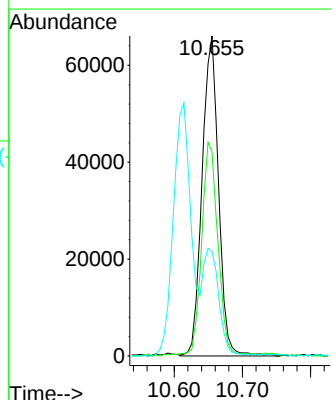
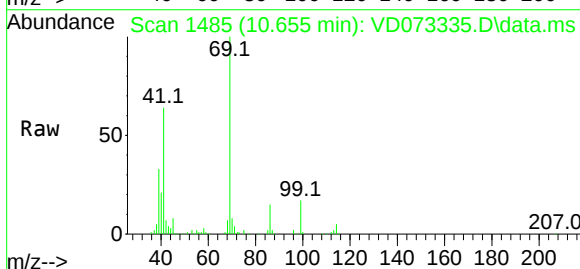
Tgt Ion: 69 Resp: 110722

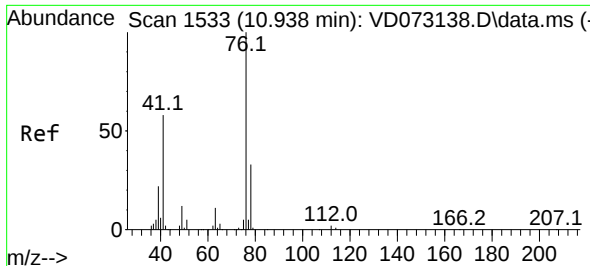
Ion Ratio Lower Upper

69 100

41 66.8 63.0 94.6

39 31.0 33.8 50.8#





#57

1,3-Dichloropropane

Concen: 56.724 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

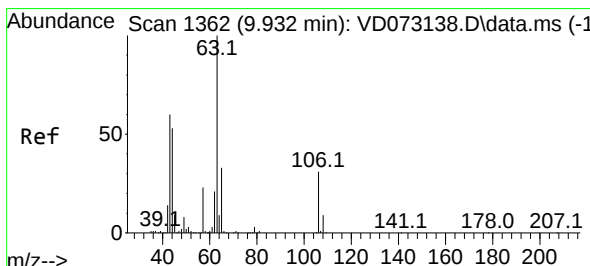
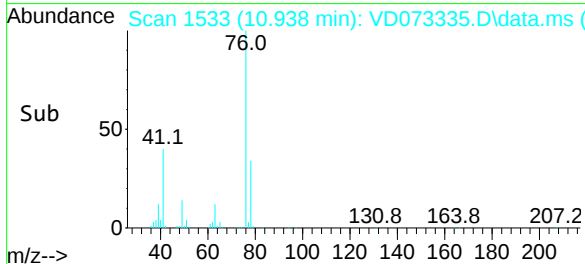
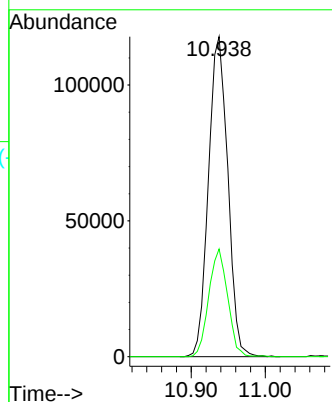
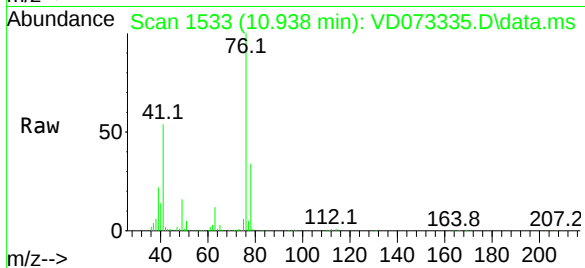
P044-SS002-0006-01MSD

Tgt Ion: 76 Resp: 213529

Ion Ratio Lower Upper

76 100

78 32.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 280.253 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073335.D

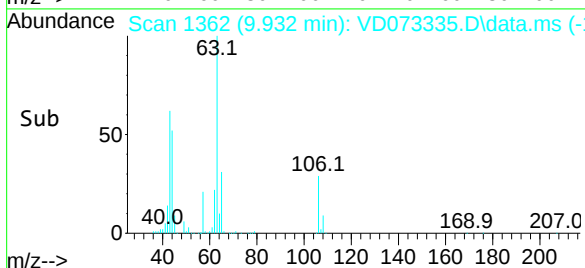
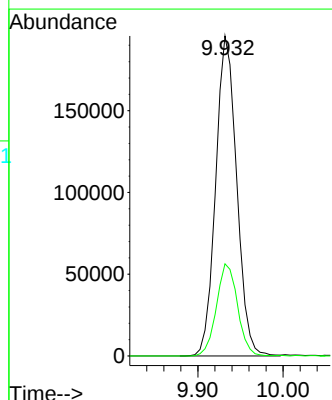
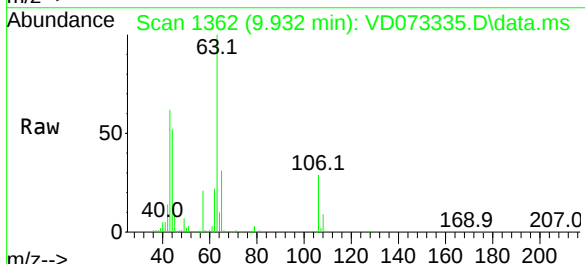
Acq: 24 May 2022 20:10

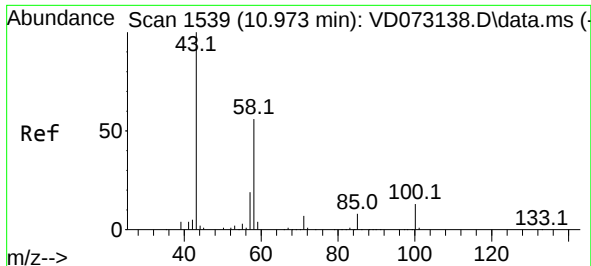
Tgt Ion: 63 Resp: 335520

Ion Ratio Lower Upper

63 100

106 28.9 21.4 32.0

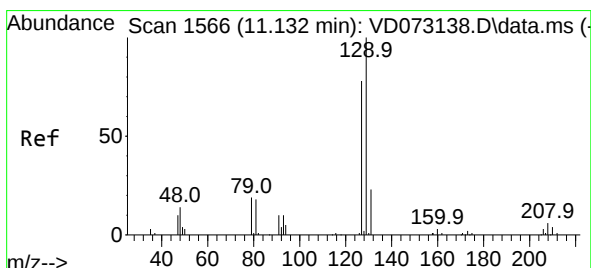
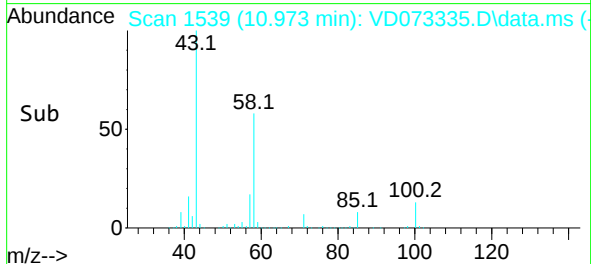
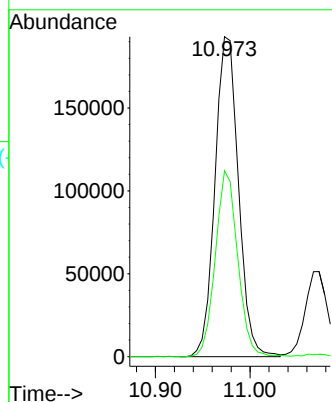
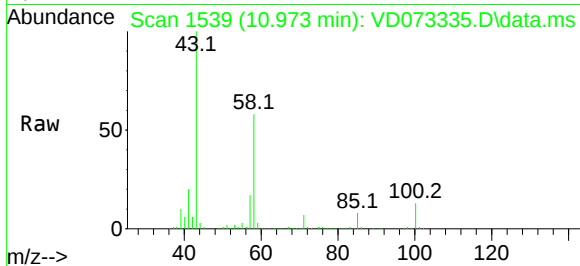




#59
2-Hexanone
Concen: 319.953 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

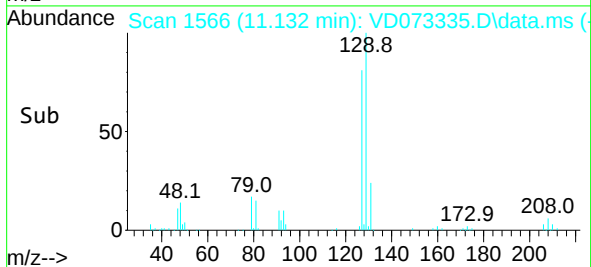
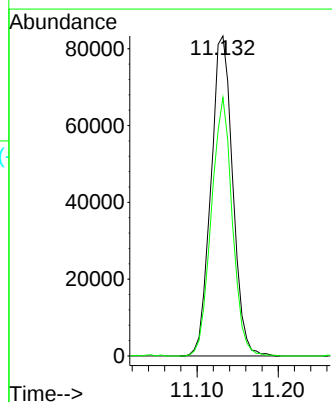
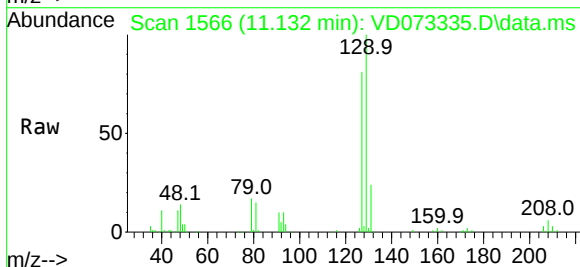
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

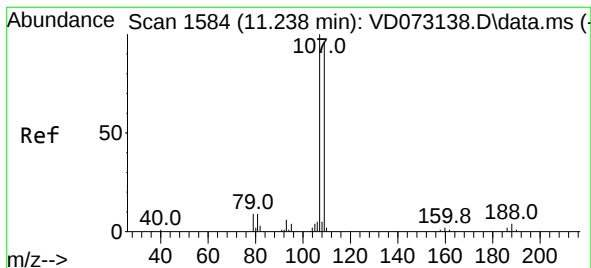
Tgt Ion: 43 Resp: 332905
Ion Ratio Lower Upper
43 100
58 55.3 25.3 75.9



#60
Dibromochloromethane
Concen: 55.592 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion:129 Resp: 155514
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6

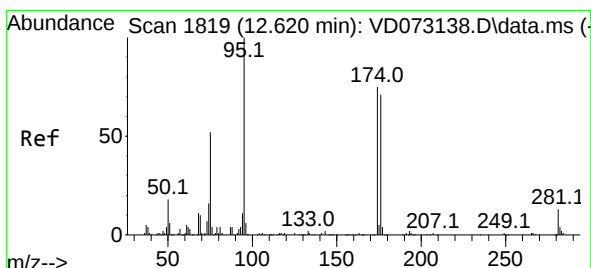
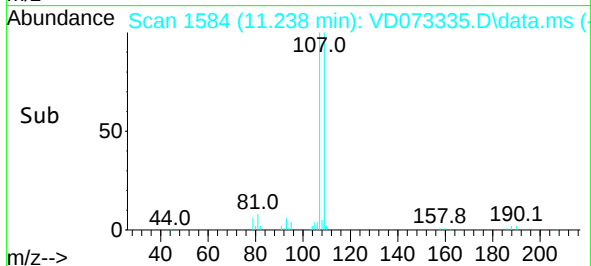
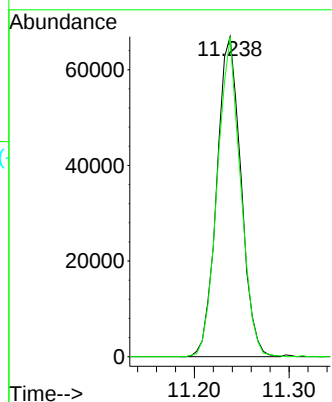
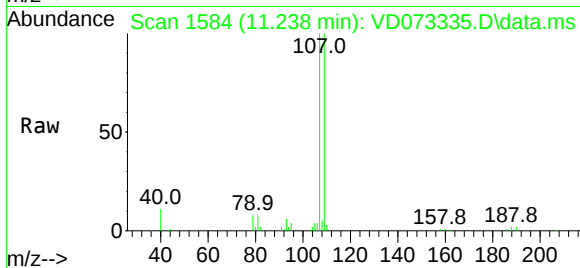




#61
1,2-Dibromoethane
Concen: 55.360 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

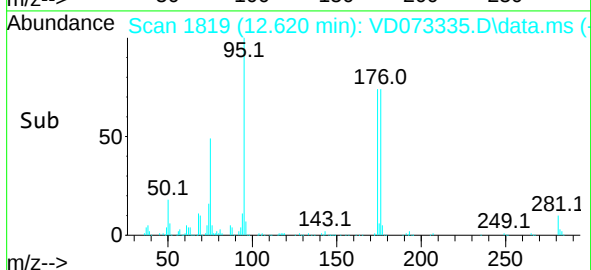
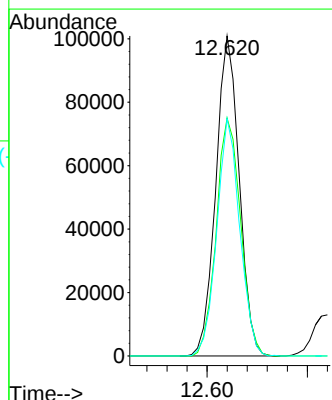
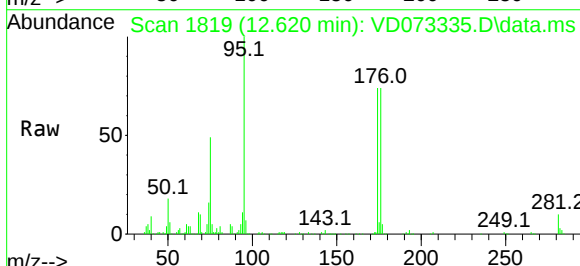
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

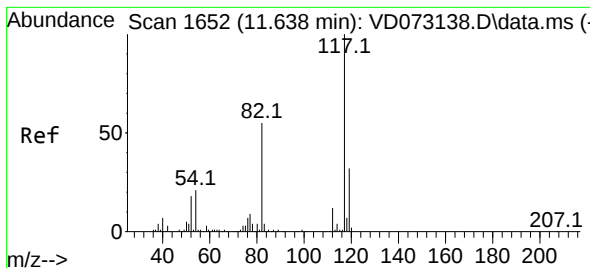
Tgt Ion:107 Resp: 118681
Ion Ratio Lower Upper
107 100
109 95.9 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 45.492 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 95 Resp: 162859
Ion Ratio Lower Upper
95 100
174 77.6 0.0 152.8
176 72.8 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073335.D

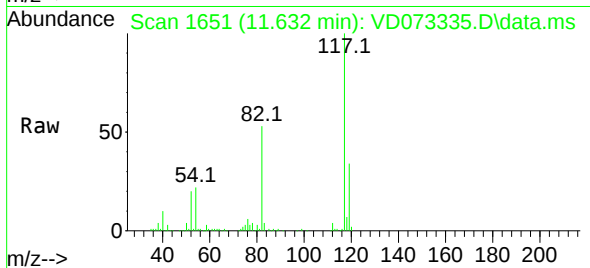
Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

P044-SS002-0006-01MSD



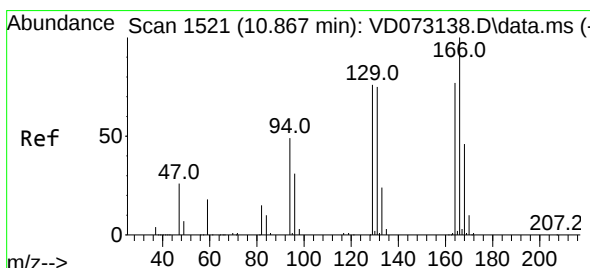
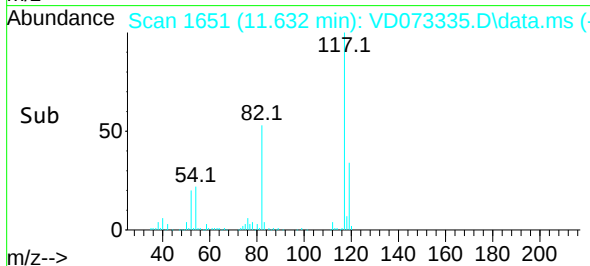
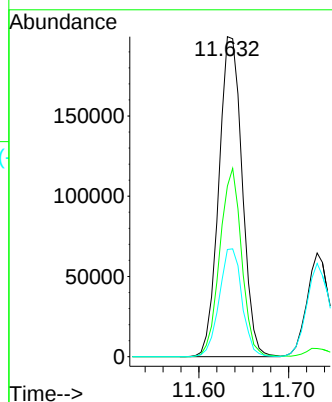
Tgt Ion:117 Resp: 359912

Ion Ratio Lower Upper

117 100

82 53.3 45.3 67.9

119 33.5 26.6 40.0



#64

Tetrachloroethene

Concen: 48.096 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Tgt Ion:164 Resp: 113378

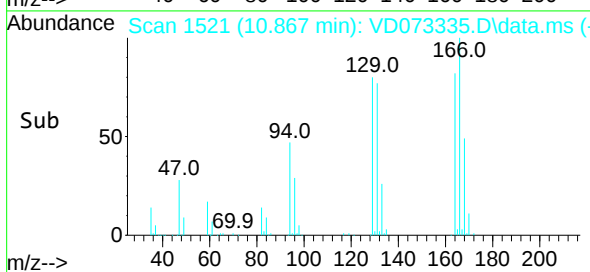
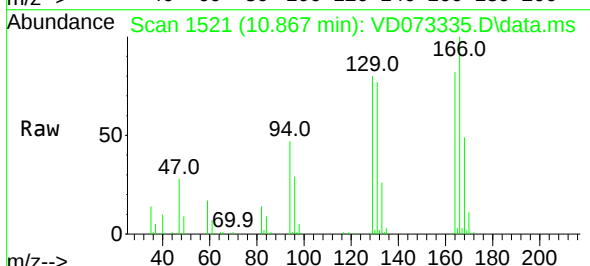
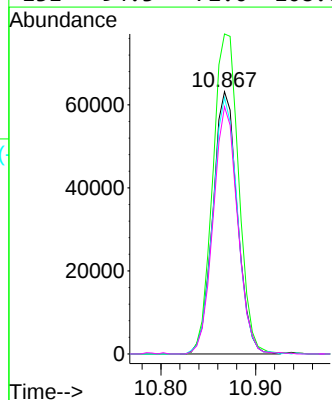
Ion Ratio Lower Upper

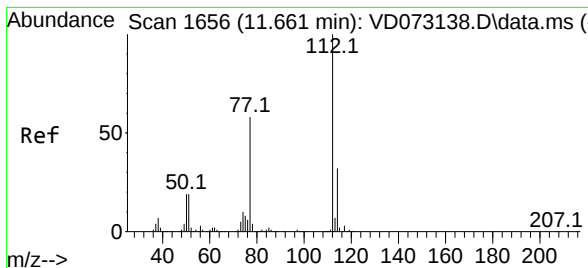
164 100

166 122.0 98.5 147.7

129 97.8 74.6 111.8

131 94.3 72.0 108.0





#65

Chlorobenzene

Concen: 51.359 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. 0.000 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

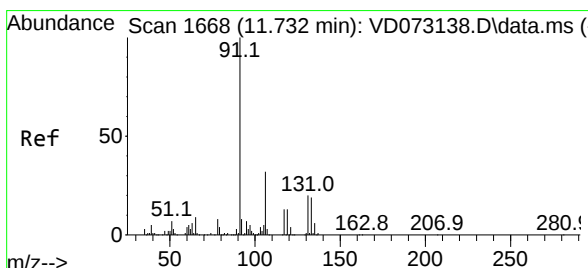
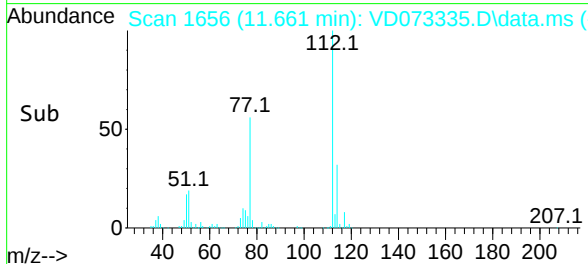
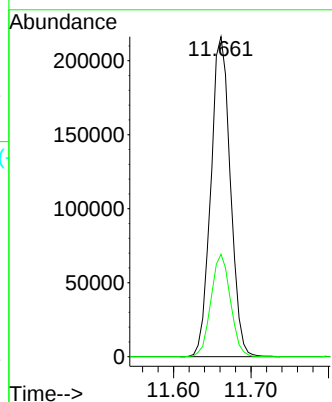
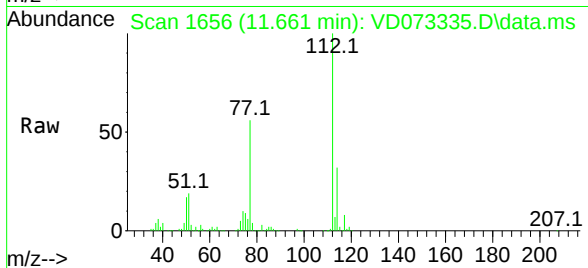
P044-SS002-0006-01MSD

Tgt Ion:112 Resp: 379209

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6



#66

1,1,1,2-Tetrachloroethane

Concen: 57.556 ug/l

RT: 11.732 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

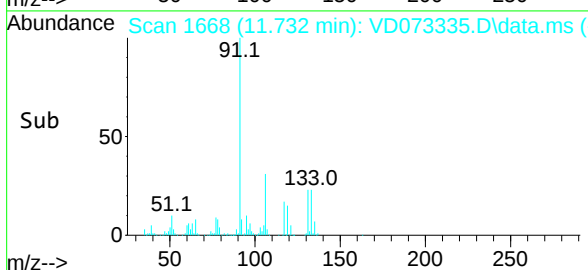
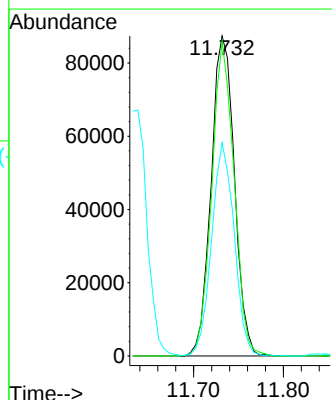
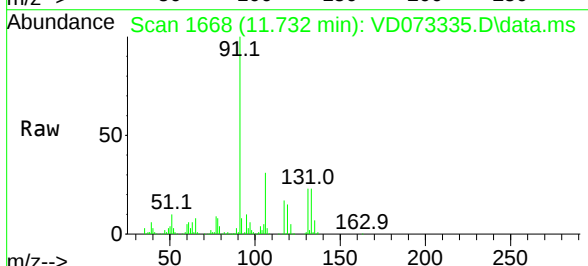
Tgt Ion:131 Resp: 157608

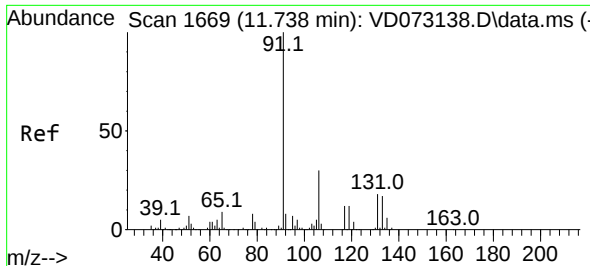
Ion Ratio Lower Upper

131 100

133 94.1 48.1 144.3

119 64.6 31.9 95.9

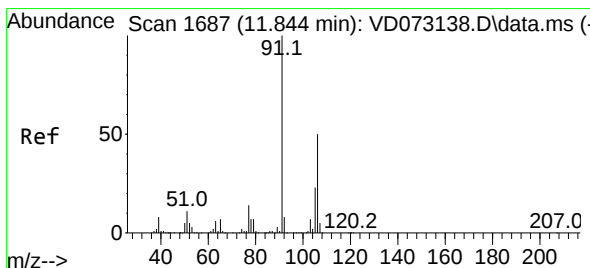
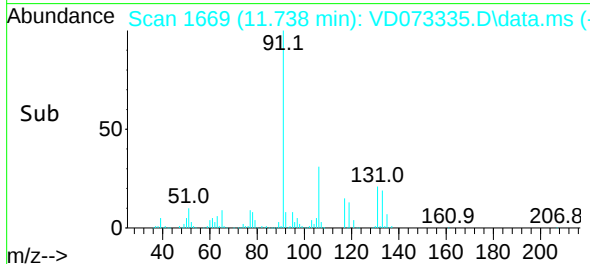
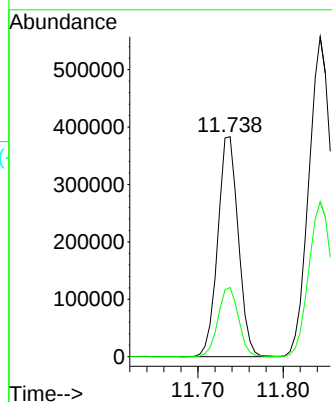
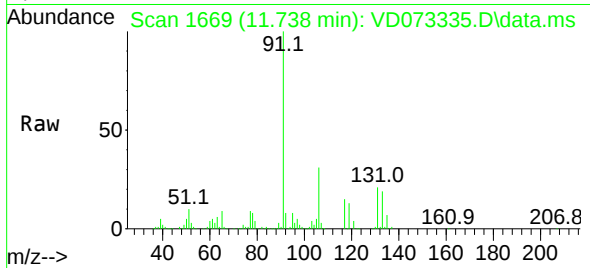




#67
Ethyl Benzene
Concen: 49.625 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

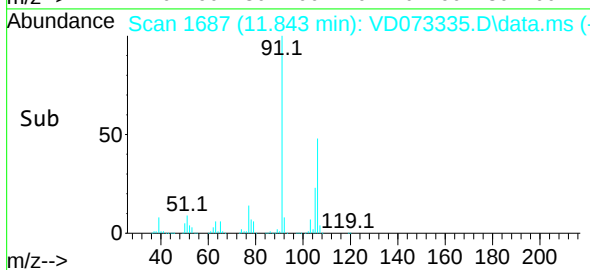
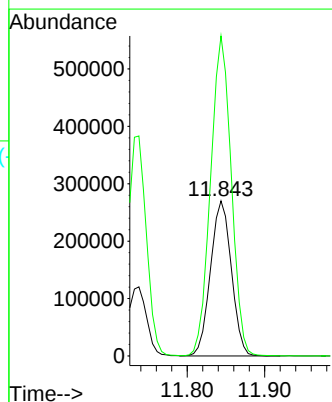
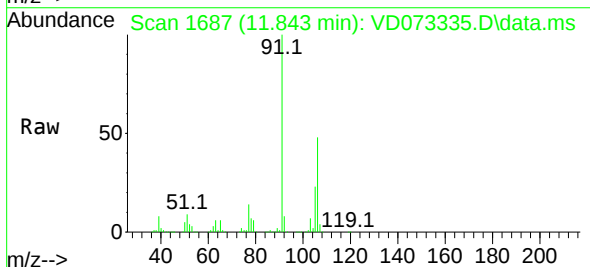
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

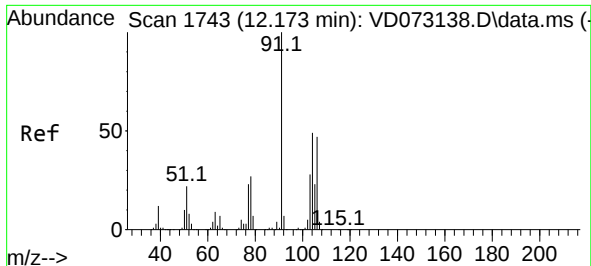
Tgt Ion: 91 Resp: 643219
Ion Ratio Lower Upper
91 100
106 31.4 24.2 36.4



#68
m/p-Xylenes
Concen: 100.404 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 106 Resp: 505607
Ion Ratio Lower Upper
106 100
91 204.8 163.7 245.5

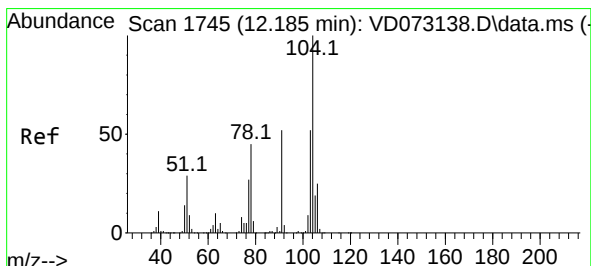
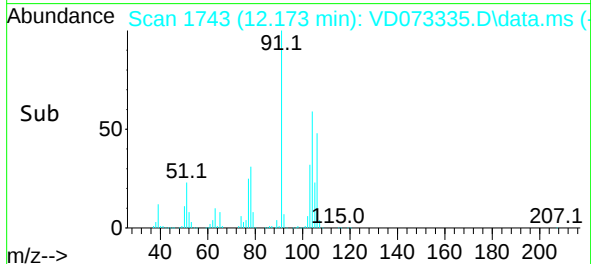
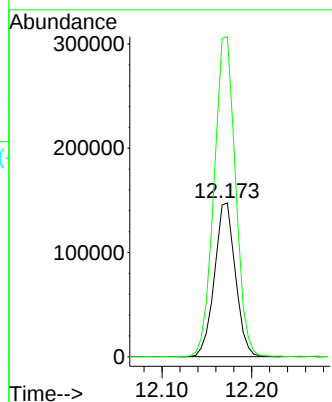
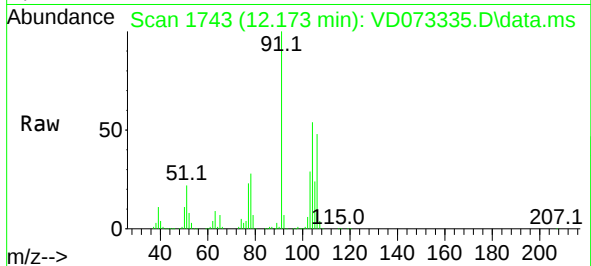




#69
o-Xylene
Concen: 51.497 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

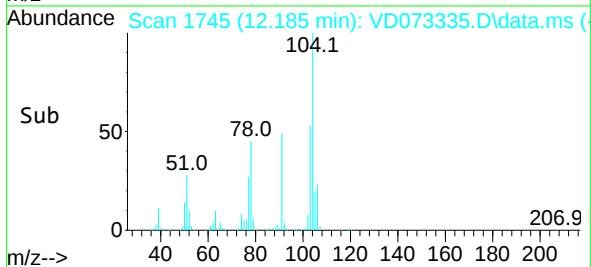
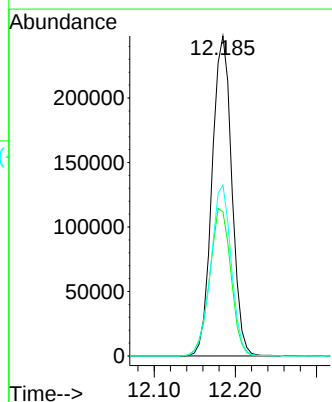
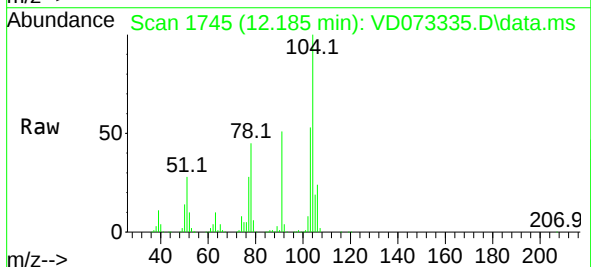
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

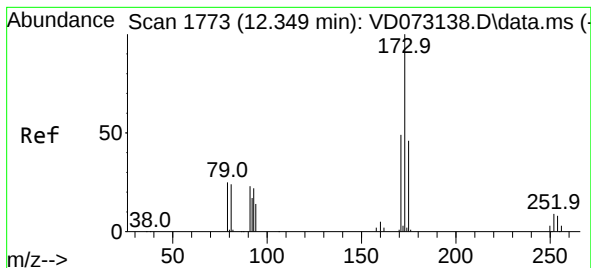
Tgt Ion:106 Resp: 238228
Ion Ratio Lower Upper
106 100
91 215.1 110.4 331.2



#70
Styrene
Concen: 52.604 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion:104 Resp: 418677
Ion Ratio Lower Upper
104 100
78 49.8 41.8 62.8
103 55.5 44.2 66.4





#71

Bromoform

Concen: 60.592 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

P044-SS002-0006-01MSD

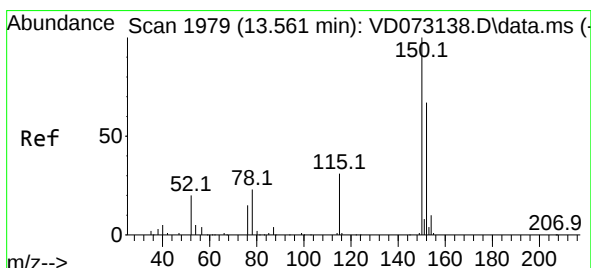
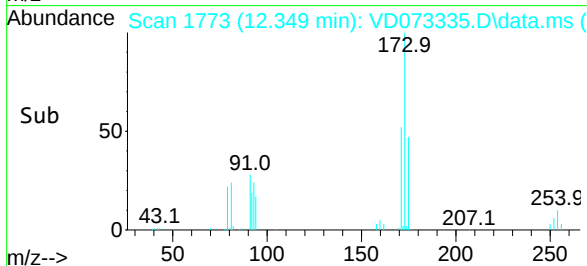
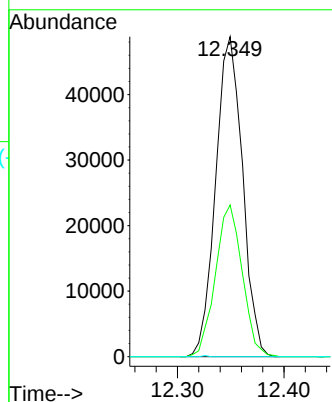
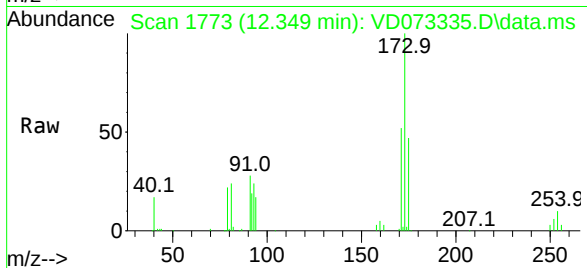
Tgt Ion:173 Resp: 85394

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: VD073335.D

Acq: 24 May 2022 20:10

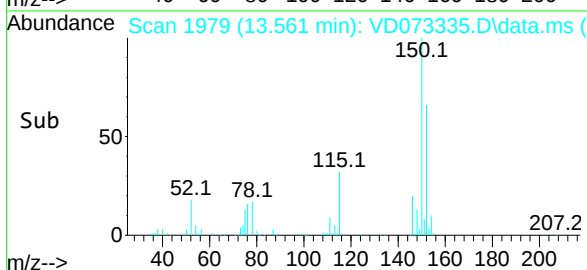
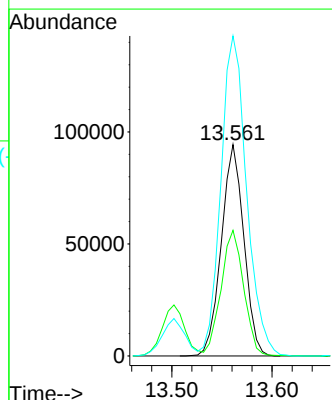
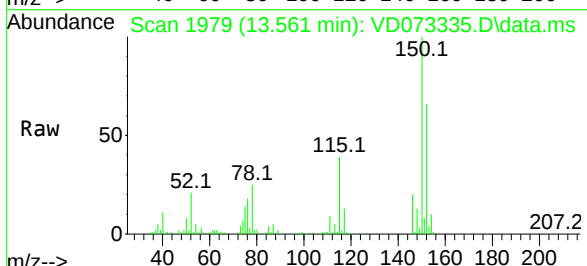
Tgt Ion:152 Resp: 147257

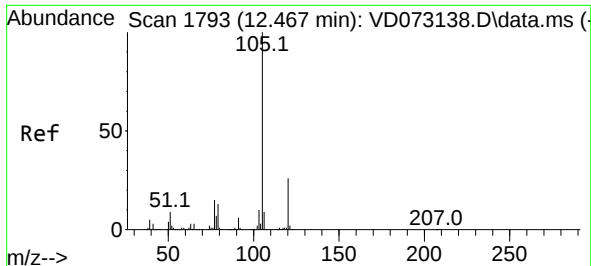
Ion Ratio Lower Upper

152 100

115 59.8 31.3 93.8

150 173.1 0.0 348.6

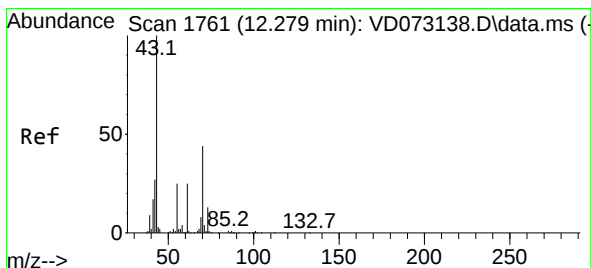
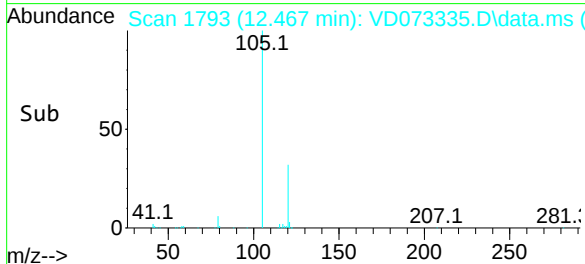
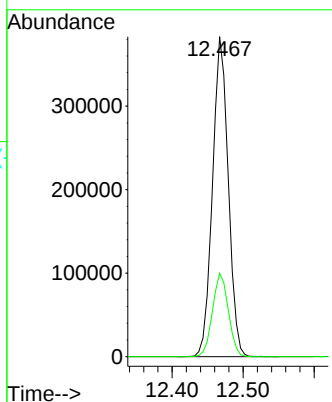
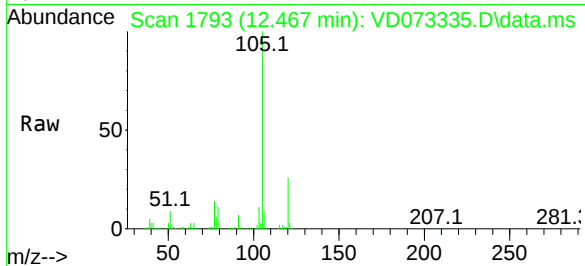




#73
Isopropylbenzene
Concen: 55.986 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

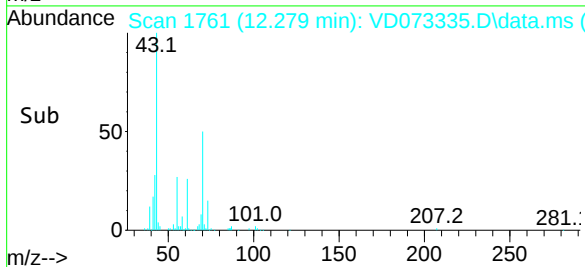
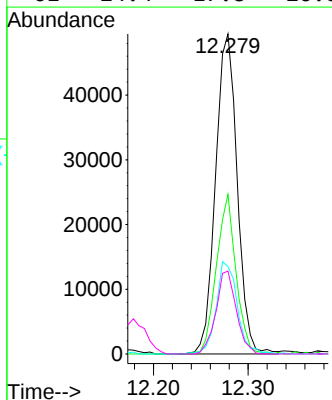
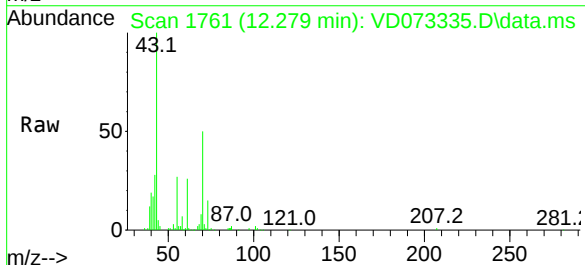
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

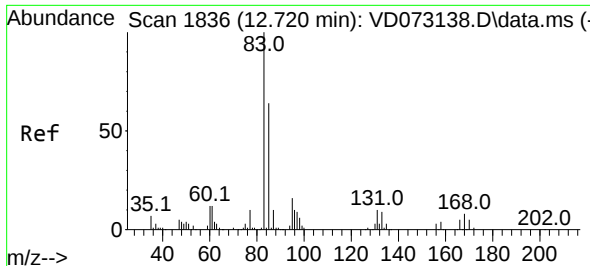
Tgt Ion:105 Resp: 587734
Ion Ratio Lower Upper
105 100
120 26.3 13.0 38.9



#74
N-ethyl acetate
Concen: 34.369 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 43 Resp: 78710
Ion Ratio Lower Upper
43 100
70 45.1 31.3 46.9
55 28.1 20.0 30.0
61 24.4 17.8 26.8

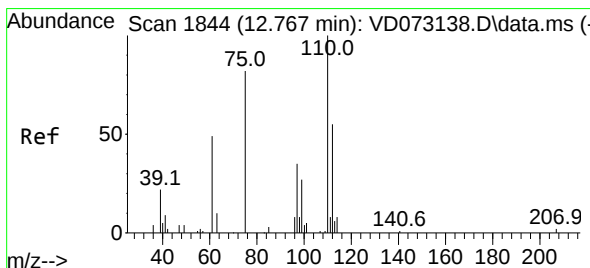
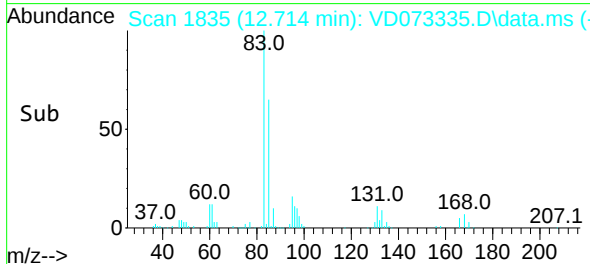
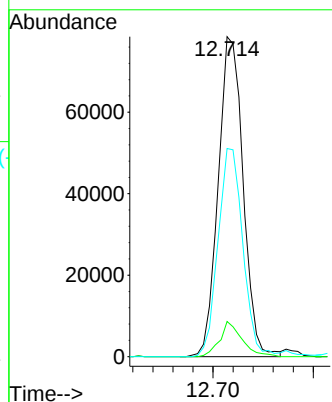
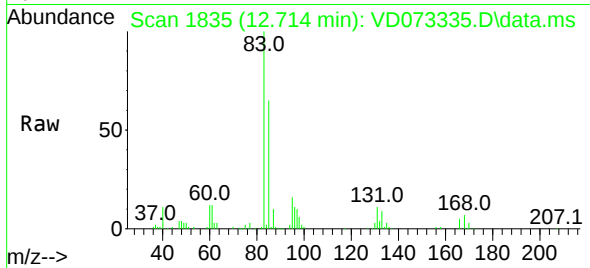




#75
1,1,2,2-Tetrachloroethane
Concen: 69.926 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. -0.006 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

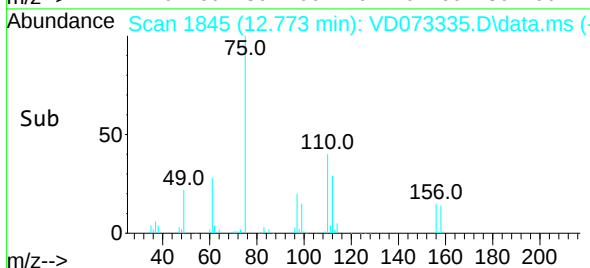
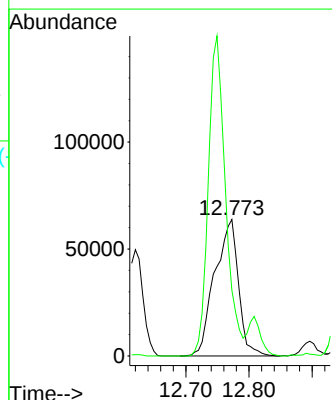
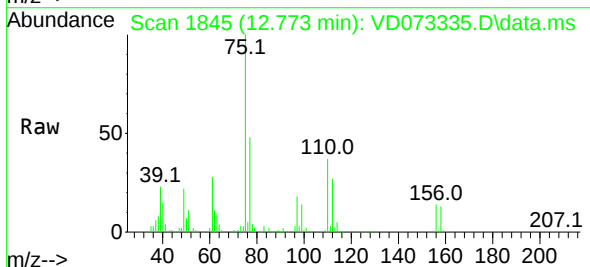
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

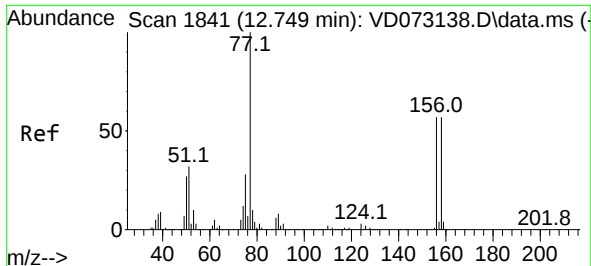
Tgt Ion: 83 Resp: 135386
Ion Ratio Lower Upper
83 100
131 9.9 5.0 14.9
85 64.7 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 115.321 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 75 Resp: 166621
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

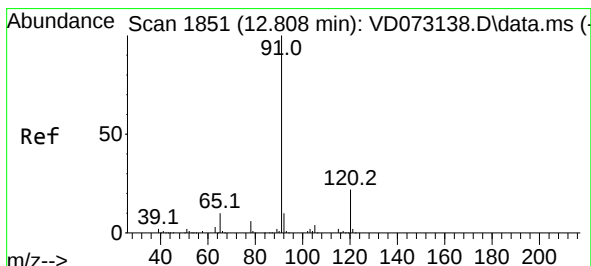
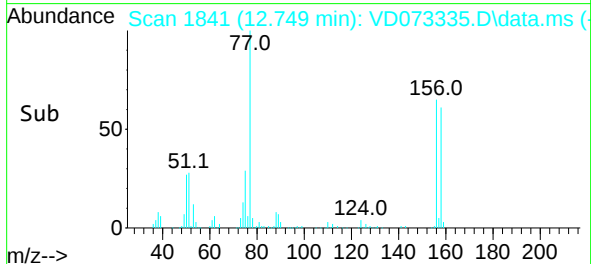
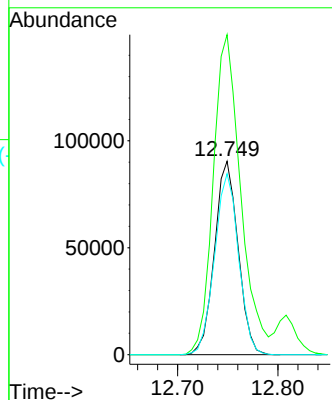
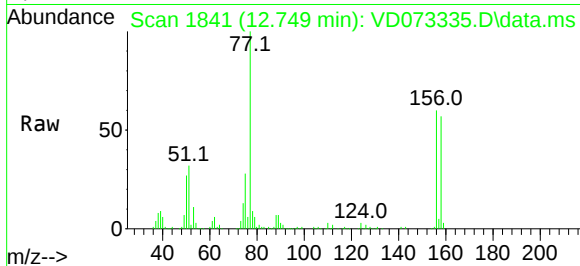




#77
Bromobenzene
Concen: 59.804 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

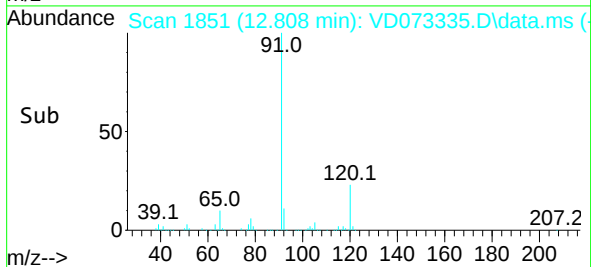
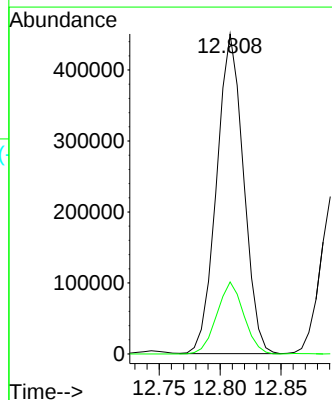
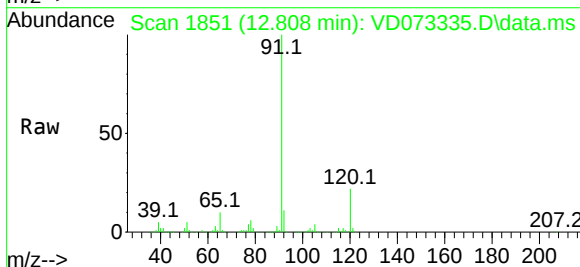
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

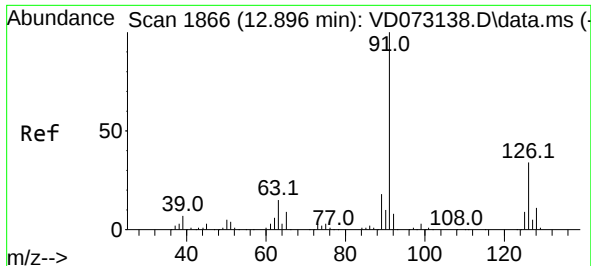
Tgt Ion:156 Resp: 147788
Ion Ratio Lower Upper
156 100
77 192.0 102.8 308.3
158 95.4 48.7 146.1



#78
n-propylbenzene
Concen: 52.513 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 91 Resp: 692077
Ion Ratio Lower Upper
91 100
120 22.5 10.9 32.9

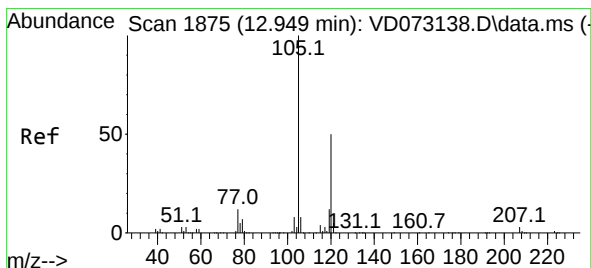
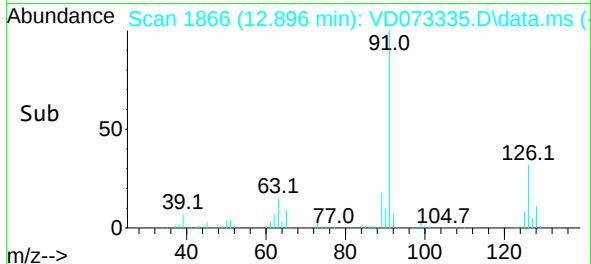
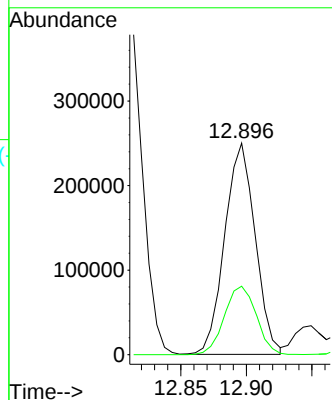
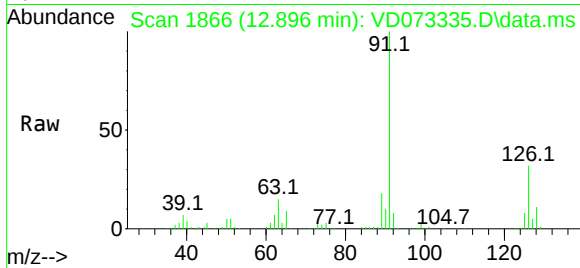




#79
2-Chlorotoluene
Concen: 53.042 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

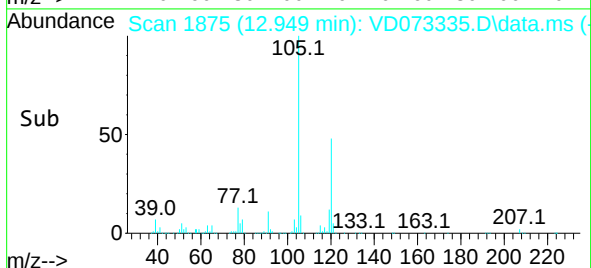
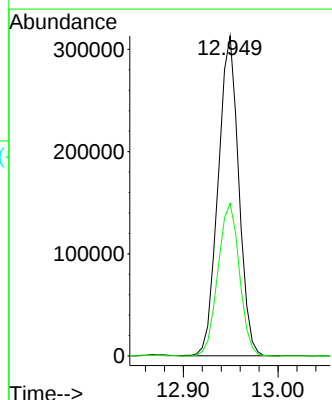
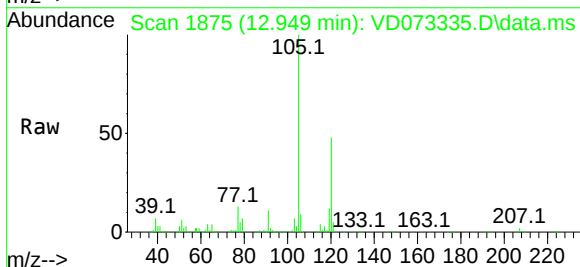
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

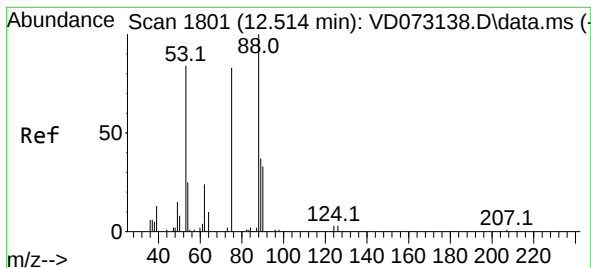
Tgt Ion: 91 Resp: 403621
Ion Ratio Lower Upper
91 100
126 34.1 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 53.208 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 105 Resp: 473167
Ion Ratio Lower Upper
105 100
120 49.7 24.3 72.8

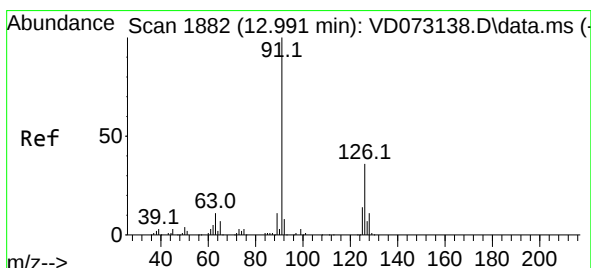
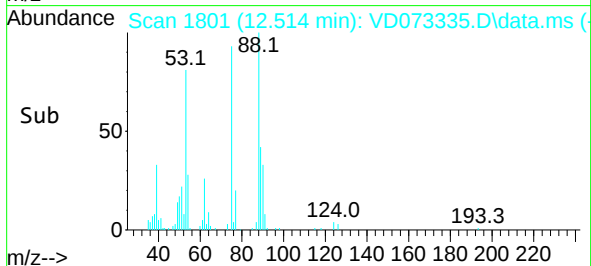
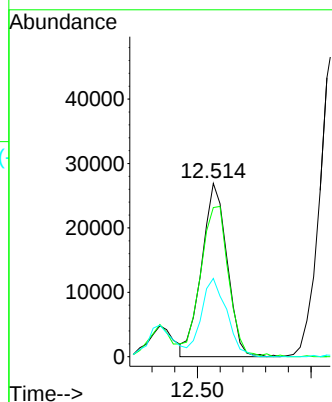
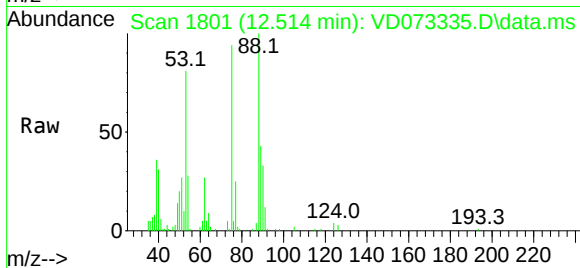




#81
trans-1,4-Dichloro-2-butene
Concen: 69.601 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

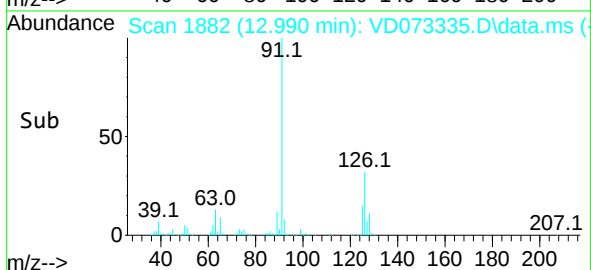
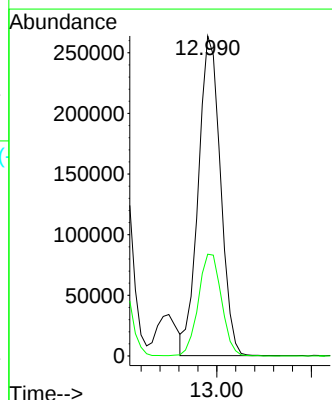
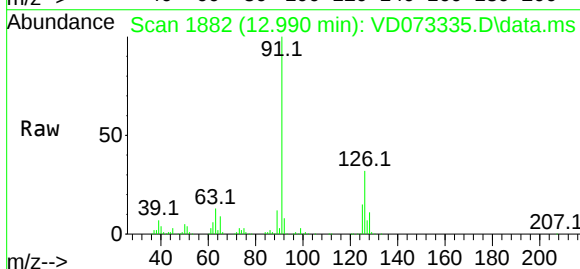
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

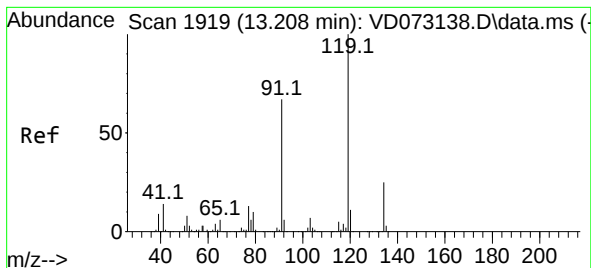
Tgt Ion: 75 Resp: 41889
Ion Ratio Lower Upper
75 100
53 97.2 86.5 129.7
89 44.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 53.572 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 91 Resp: 427288
Ion Ratio Lower Upper
91 100
126 33.4 16.5 49.5





#83

tert-Butylbenzene

Concen: 51.678 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

P044-SS002-0006-01MSD

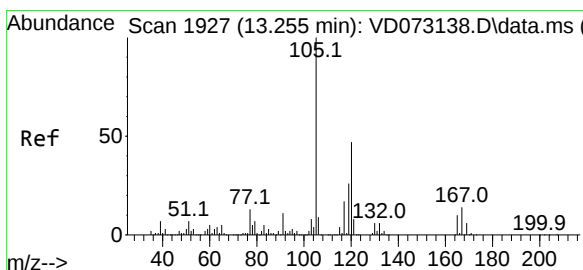
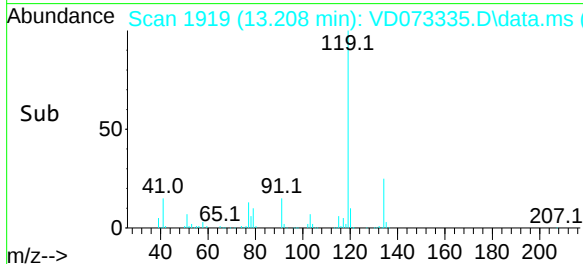
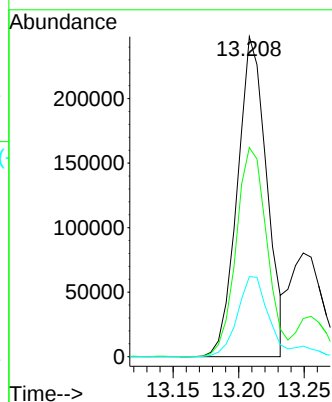
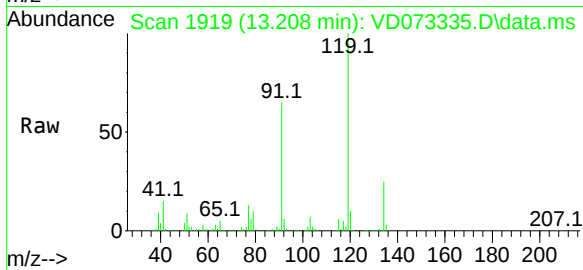
Tgt Ion:119 Resp: 387312

Ion Ratio Lower Upper

119 100

91 68.4 34.8 104.5

134 28.6 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 53.943 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VD073335.D

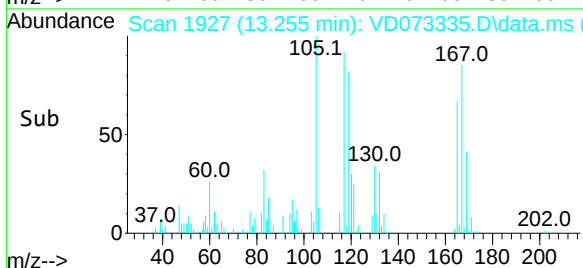
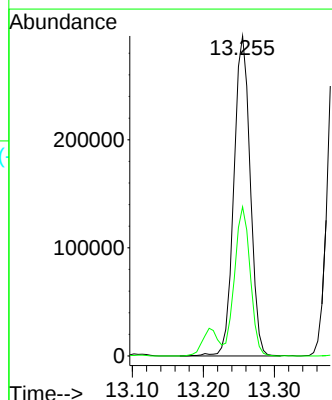
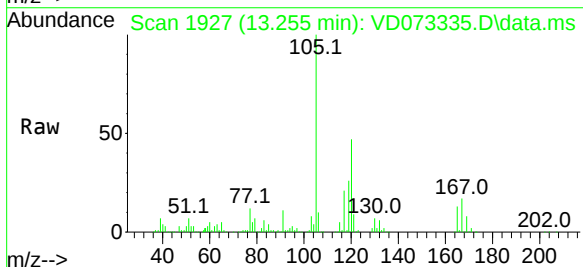
Acq: 24 May 2022 20:10

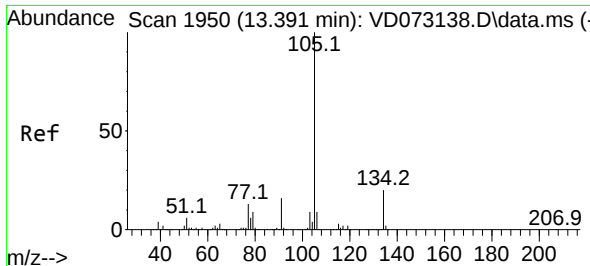
Tgt Ion:105 Resp: 473892

Ion Ratio Lower Upper

105 100

120 44.9 22.3 66.8

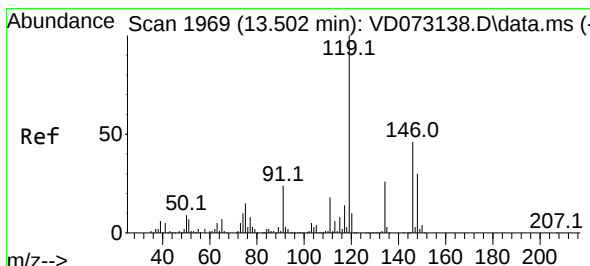
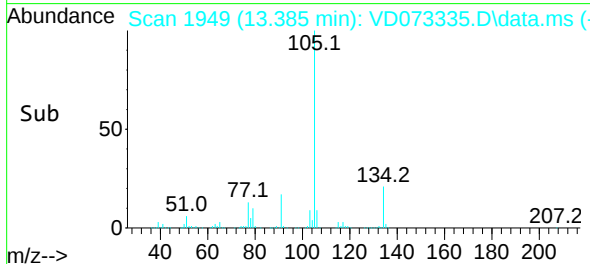
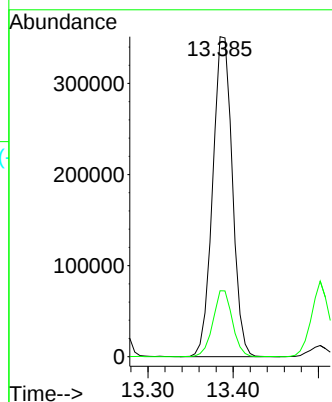
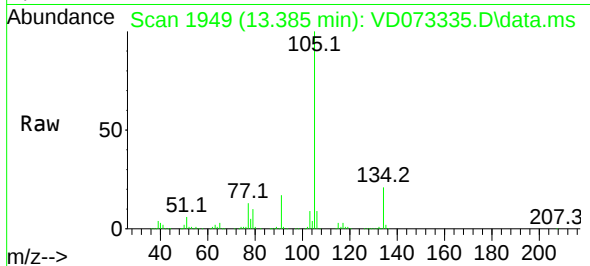




#85
 sec-Butylbenzene
 Concen: 49.087 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.006 min
 Lab File: VD073335.D
 Acq: 24 May 2022 20:10

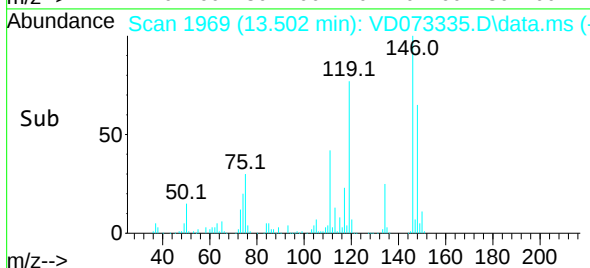
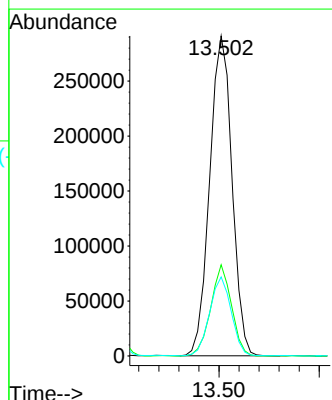
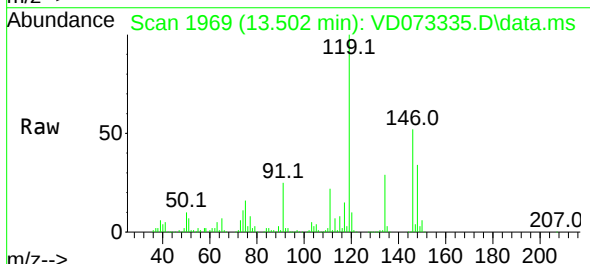
Instrument :
 MSVOA_D
 ClientSampleId :
 P044-SS002-0006-01MSD

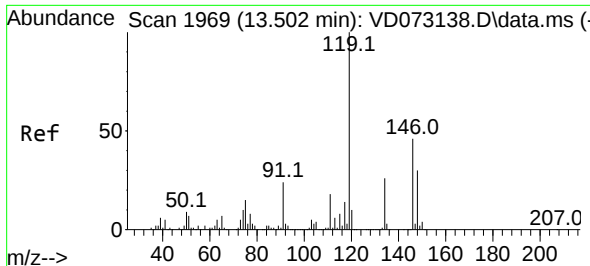
Tgt Ion:105 Resp: 561748
 Ion Ratio Lower Upper
 105 100
 134 20.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 48.294 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073335.D
 Acq: 24 May 2022 20:10

Tgt Ion:119 Resp: 450518
 Ion Ratio Lower Upper
 119 100
 134 26.4 12.9 38.6
 91 23.8 12.1 36.3

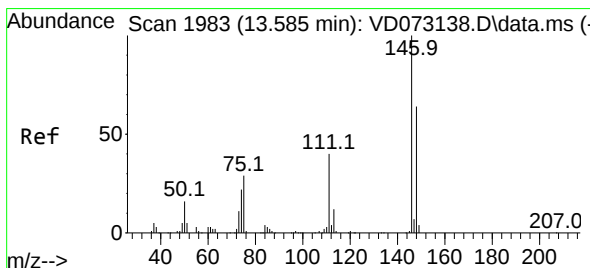
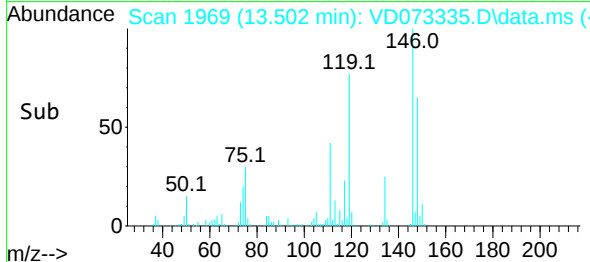
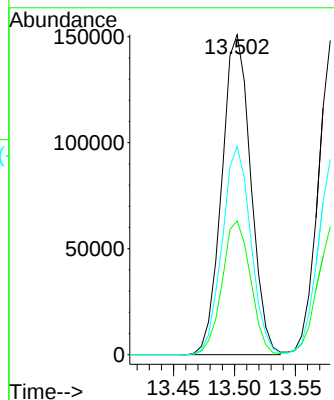
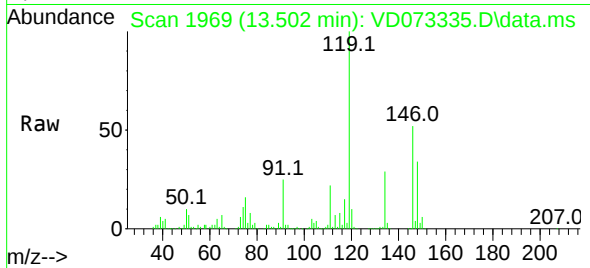




#87
1,3-Dichlorobenzene
Concen: 50.127 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

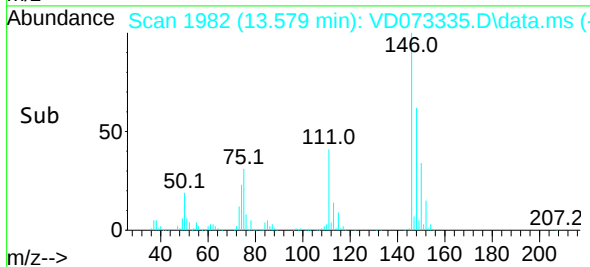
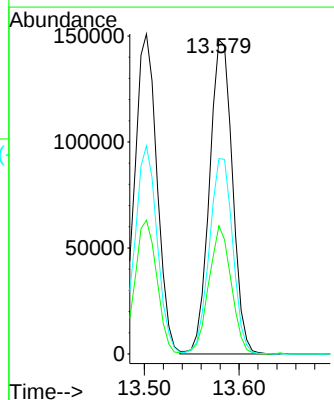
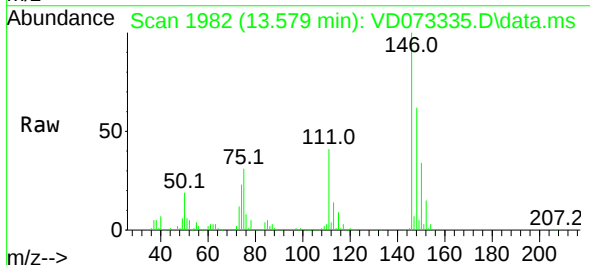
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

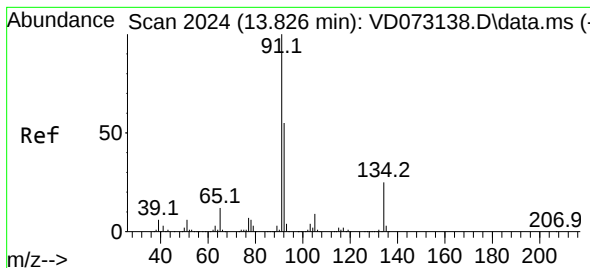
Tgt Ion:146 Resp: 249686
Ion Ratio Lower Upper
146 100
111 41.1 20.4 61.3
148 64.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 49.715 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion:146 Resp: 249972
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 63.3 31.7 95.1





#89

n-Butylbenzene

Concen: 41.399 ug/l

RT: 13.826 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

P044-SS002-0006-01MSD

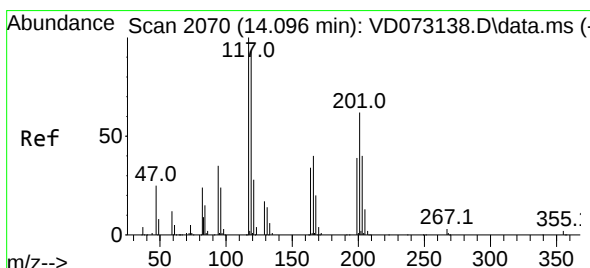
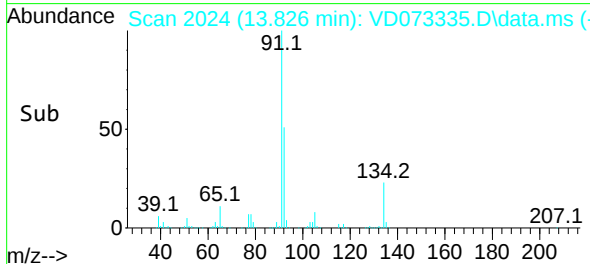
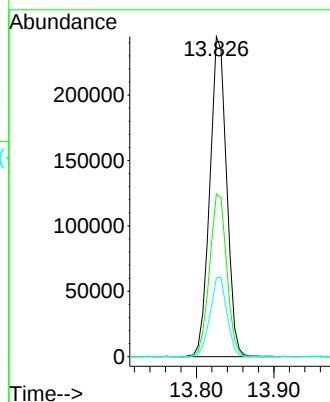
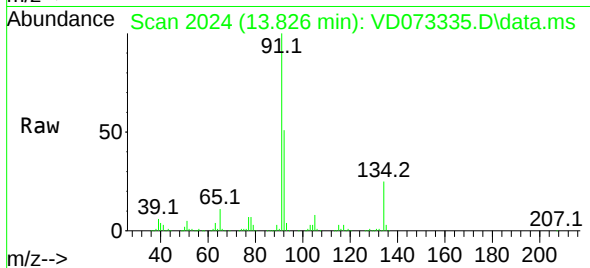
Tgt Ion: 91 Resp: 367969

Ion Ratio Lower Upper

91 100

92 52.2 26.6 79.8

134 25.0 12.3 36.9



#90

Hexachloroethane

Concen: 48.420 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073335.D

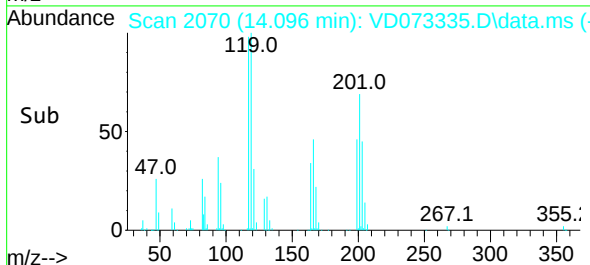
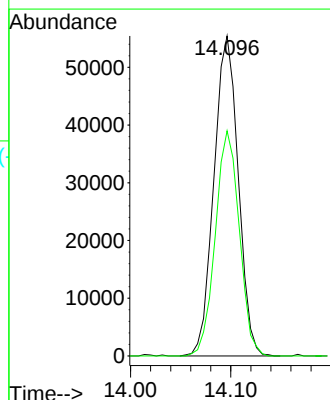
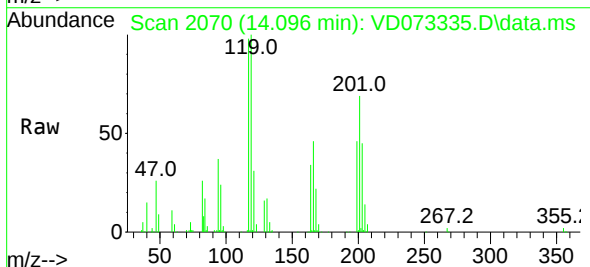
Acq: 24 May 2022 20:10

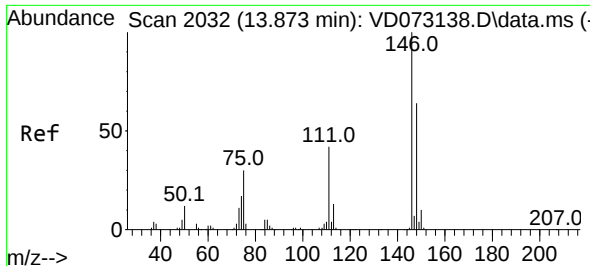
Tgt Ion: 117 Resp: 93463

Ion Ratio Lower Upper

117 100

201 69.2 33.4 100.2

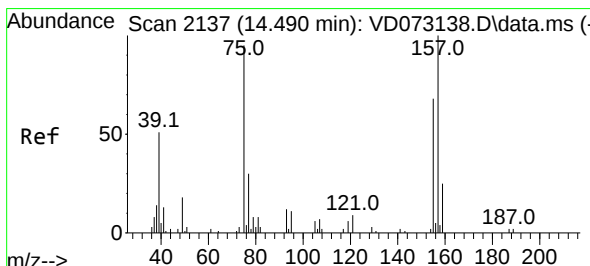
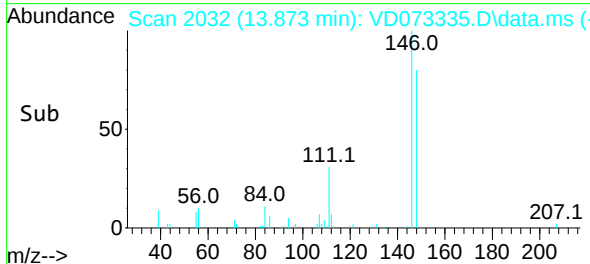
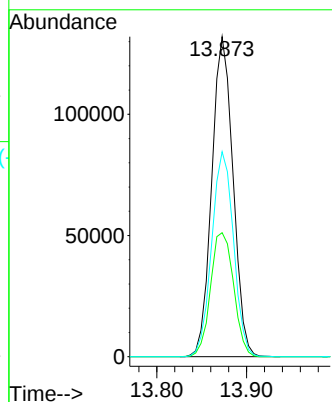
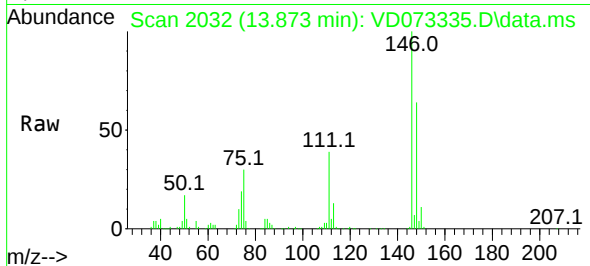




#91
1,2-Dichlorobenzene
Concen: 50.472 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

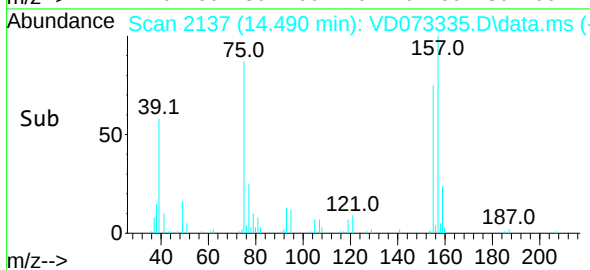
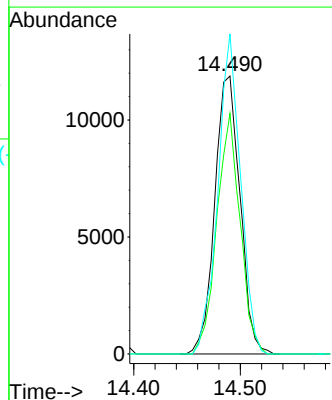
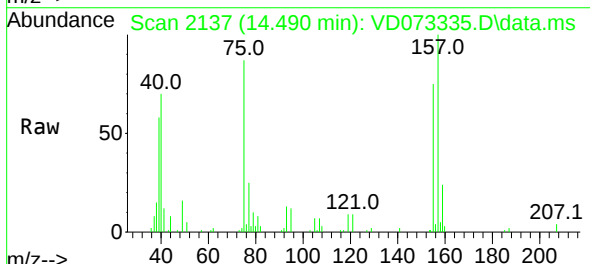
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

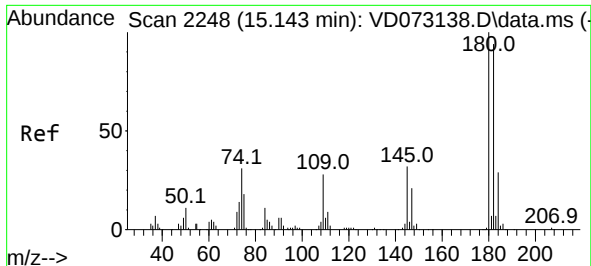
Tgt Ion:146 Resp: 217520
Ion Ratio Lower Upper
146 100
111 42.0 21.1 63.3
148 65.8 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 65.980 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion: 75 Resp: 19563
Ion Ratio Lower Upper
75 100
155 79.7 36.8 110.3
157 103.6 48.4 145.0

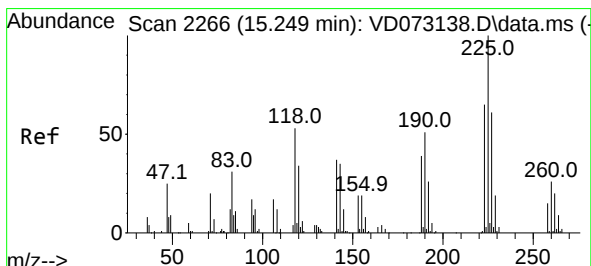
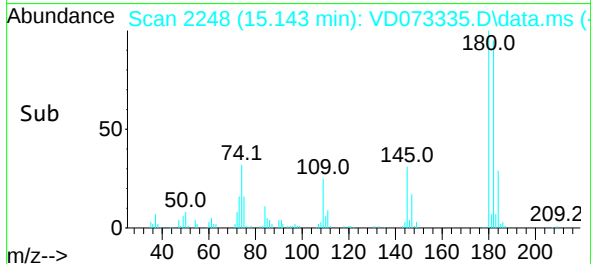
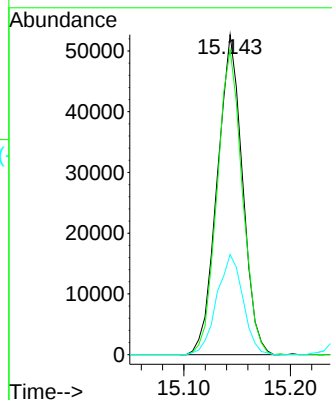
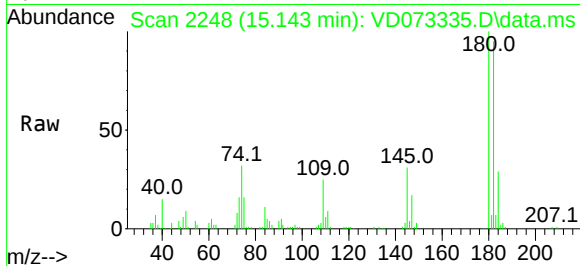




#93
1,2,4-Trichlorobenzene
Concen: 35.403 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

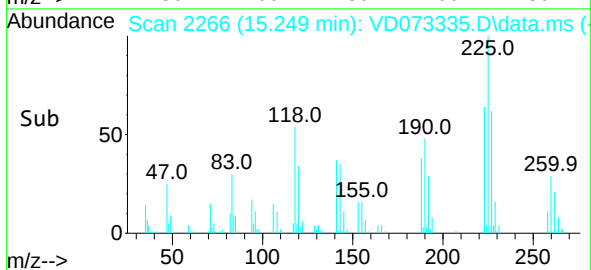
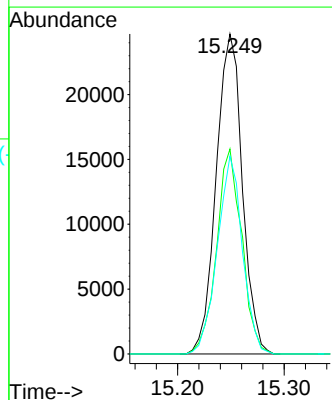
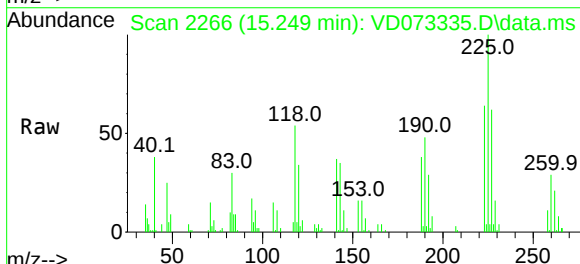
Instrument :
MSVOA_D
ClientSampleId :
P044-SS002-0006-01MSD

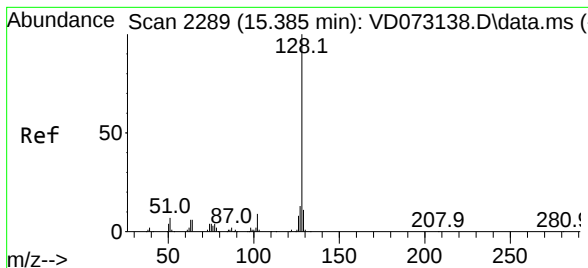
Tgt Ion:180 Resp: 86623
Ion Ratio Lower Upper
180 100
182 94.9 47.3 142.0
145 32.3 16.2 48.5



#94
Hexachlorobutadiene
Concen: 30.506 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. 0.000 min
Lab File: VD073335.D
Acq: 24 May 2022 20:10

Tgt Ion:225 Resp: 42061
Ion Ratio Lower Upper
225 100
223 61.6 31.1 93.2
227 59.3 32.4 97.0





#95

Naphthalene

Concen: 42.919 ug/l

RT: 15.384 min Scan# 2289

Delta R.T. -0.001 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Instrument :

MSVOA_D

ClientSampleId :

P044-SS002-0006-01MSD

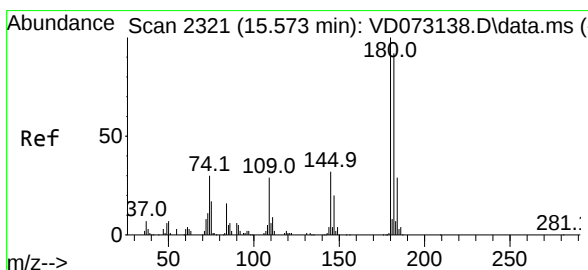
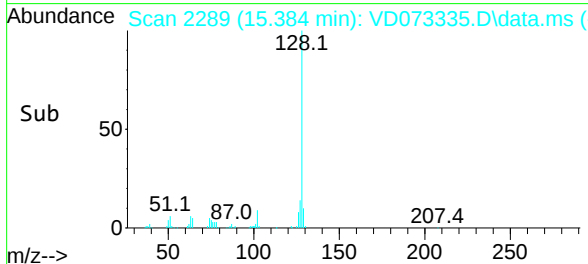
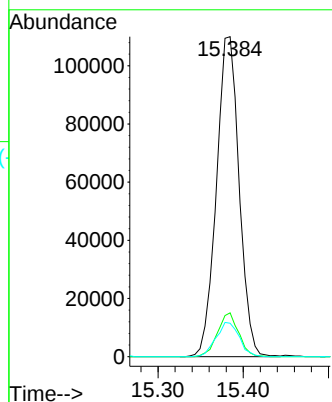
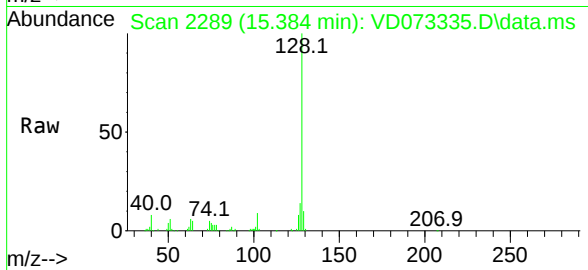
Tgt Ion:128 Resp: 204221

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.9 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 35.086 ug/l

RT: 15.573 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VD073335.D

Acq: 24 May 2022 20:10

Tgt Ion:180 Resp: 76106

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 35.7 17.1 51.3

