

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051622\
 Data File : VD073049.D
 Acq On : 16 May 2022 22:00
 Operator : VA/SY
 Sample : N2809-04
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-TP-5R

Quant Time: May 17 03:32:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	15819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	28350	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	38428	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	19245	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	15142	73.740	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.480%	
35) Dibromofluoromethane	7.909	113	13215	66.372	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 132.740%	
50) Toluene-d8	10.332	98	43117	60.370	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 120.740%	
62) 4-Bromofluorobenzene	12.620	95	19041	71.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 143.000%	

Target Compounds					Qvalue	
3) Chloromethane	2.203	50	336	1.478	ug/l #	1
5) Bromomethane	2.785	94	704	4.196	ug/l #	44
11) Tert butyl alcohol	5.203	59	351	19.756	ug/l #	74
14) Allyl chloride	4.932	41	329	1.068	ug/l #	22
16) Acetone	4.144	43	8057	207.246	ug/l	96
20) Methylene Chloride	4.956	84	655	Below Cal	#	59
25) 2-Butanone	7.191	43	1166	19.488	ug/l #	52
26) 2,2-Dichloropropane	7.173	77	1552	4.511	ug/l #	54
29) Tetrahydrofuran	7.815	42	58	1.521	ug/l #	38
31) Cyclohexane	7.973	56	5310	14.793	ug/l #	62
36) 1,1-Dichloropropene	7.967	75	1684	5.202	ug/l #	48
38) Carbon Tetrachloride	7.979	117	1464	4.356	ug/l #	13
39) Methylcyclohexane	9.350	83	18449	49.128	ug/l	97
40) Benzene	8.344	78	1158	1.239	ug/l #	80
43) Isopropyl Acetate	8.444	43	1403	5.107	ug/l #	54
47) Bromodichloromethane	9.632	83	468	1.343	ug/l #	24
48) Methyl methacrylate	9.409	41	615	4.576	ug/l #	54
51) 4-Methyl-2-Pentanone	10.214	43	2149	15.055	ug/l #	51
52) Toluene	10.397	92	1210	2.075	ug/l #	53
55) 1,1,2-Trichloroethane	10.767	97	7167	39.143	ug/l #	23
56) Ethyl methacrylate	10.667	69	4333	20.099	ug/l #	14
58) 2-Chloroethyl Vinyl ether	9.985	63	112	1.072	ug/l #	48
59) 2-Hexanone	10.944	43	9288	96.701	ug/l #	33
60) Dibromochloromethane	11.179	129	450	1.952	ug/l	74
61) 1,2-Dibromoethane	11.367	107	740	4.152	ug/l	82
67) Ethyl Benzene	11.732	91	9256	6.017	ug/l #	85
68) m/p-Xylenes	11.844	106	4072	6.872	ug/l	89
69) o-Xylene	12.173	106	18704	33.800	ug/l	87
70) Styrene	12.179	104	1292	1.348	ug/l #	1
71) Bromoform	12.361	173	365	2.016	ug/l #	59
73) Isopropylbenzene	12.467	105	10131	6.766	ug/l	96
74) N-amyl acetate	12.255	43	18908	50.708	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.691	83	5544	18.342	ug/l #	23
76) 1,2,3-Trichloropropane	12.885	75	582	2.712	ug/l #	100
77) Bromobenzene	12.944	156	42165	118.589	ug/l #	1
78) n-propylbenzene	12.803	91	11273	5.974	ug/l	98

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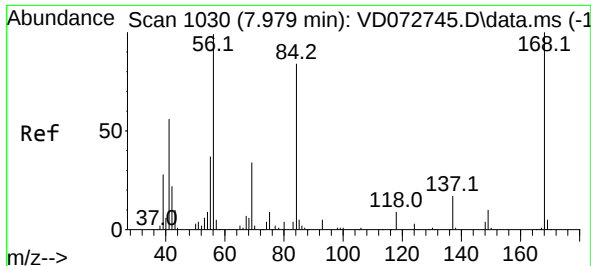
Instrument :
 MSVOA_D
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Quant Time: May 17 03:32:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
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 Response via : Initial Calibration

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

79) 2-Chlorotoluene	12.903	91	2961	2.686	ug/l	99
80) 1,3,5-Trimethylbenzene	12.950	105	41777	32.905	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.485	75	582	6.237	ug/l #	18
82) 4-Chlorotoluene	12.903	91	1964	1.705	ug/l	73
83) tert-Butylbenzene	13.208	119	2721	2.521	ug/l	74
84) 1,2,4-Trimethylbenzene	13.255	105	28568	22.511	ug/l	100
85) sec-Butylbenzene	13.385	105	12308	7.560	ug/l #	76
86) p-Isopropyltoluene	13.502	119	14769	11.065	ug/l	91
88) 1,4-Dichlorobenzene	13.585	146	1193	1.673	ug/l #	1
89) n-Butylbenzene	13.791	91	4231	3.272	ug/l #	1
90) Hexachloroethane	14.102	117	4291	15.693	ug/l #	17
91) 1,2-Dichlorobenzene	13.873	146	3077	4.929	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.544	75	618	12.898	ug/l	70
93) 1,2,4-Trichlorobenzene	15.155	180	495	1.339	ug/l #	1
95) Naphthalene	15.385	128	11103	16.335	ug/l #	79
96) 1,2,3-Trichlorobenzene	15.691	180	993	3.030	ug/l	62

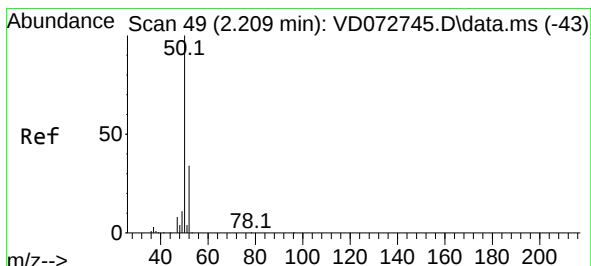
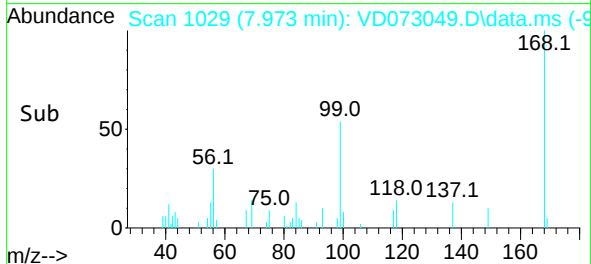
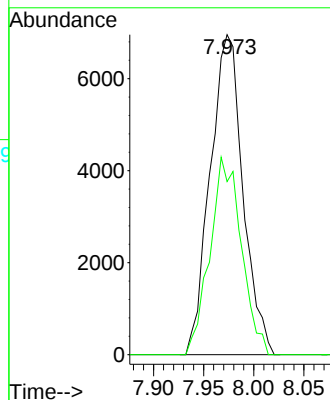
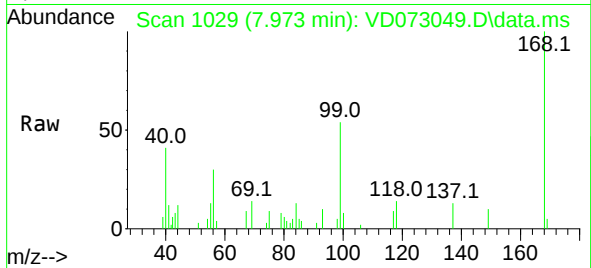
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

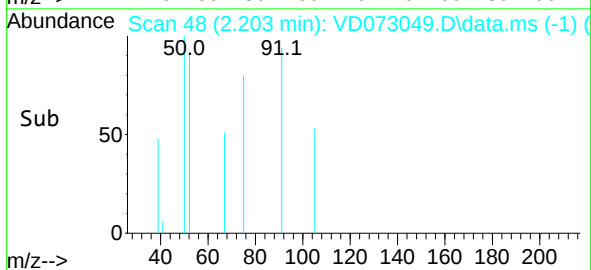
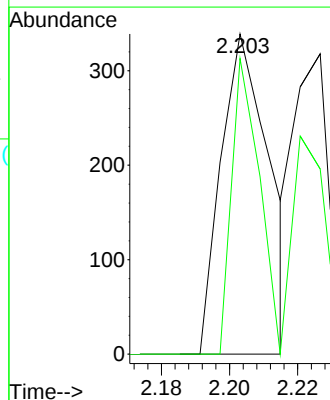
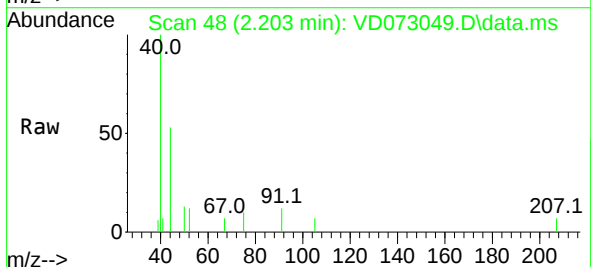
Instrument :
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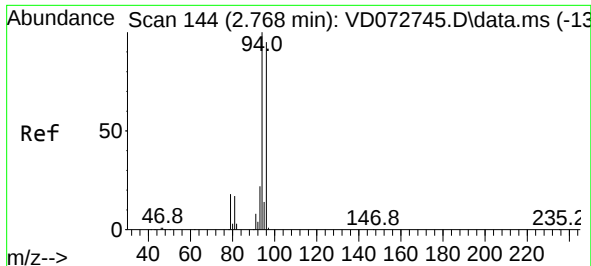
Tgt Ion:168 Resp: 15819
Ion Ratio Lower Upper
168 100
99 54.1 49.8 74.6



#3
Chloromethane
Concen: 1.478 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 50 Resp: 336
Ion Ratio Lower Upper
50 100
52 92.3 27.4 41.0#

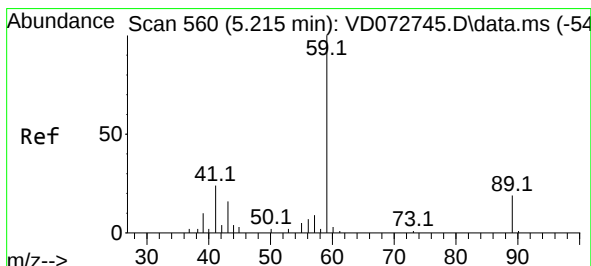
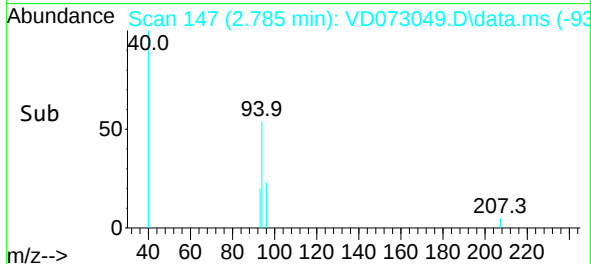
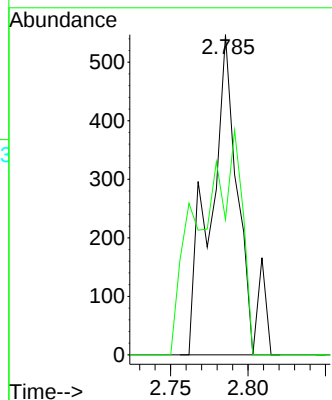
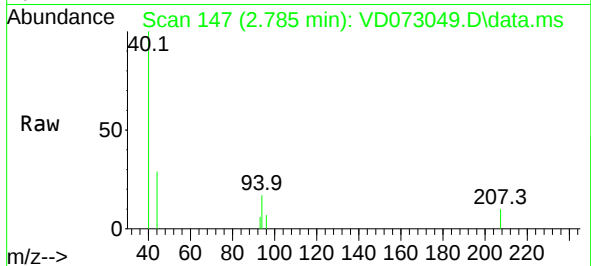




#5
Bromomethane
Concen: 4.196 ug/l
RT: 2.785 min Scan# 14
Delta R.T. 0.017 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

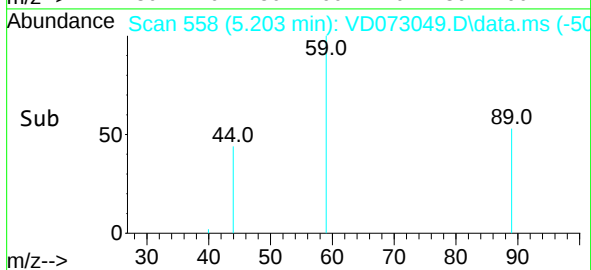
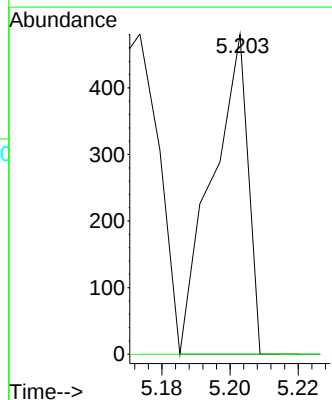
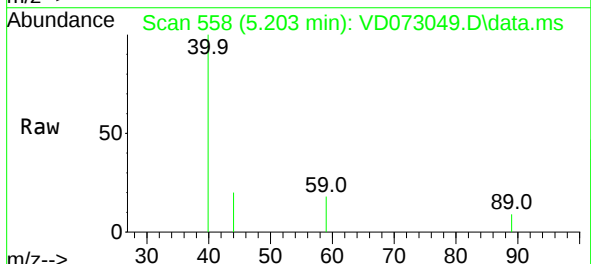
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

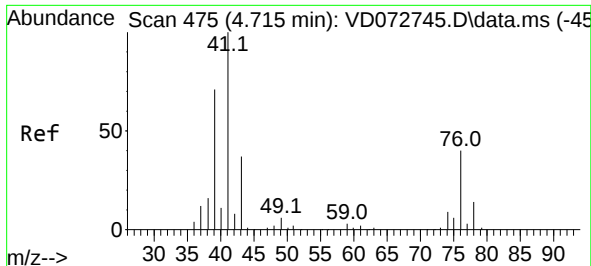
Tgt Ion: 94 Resp: 704
Ion Ratio Lower Upper
94 100
96 42.2 77.6 116.4#



#11
Tert butyl alcohol
Concen: 19.756 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.012 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 59 Resp: 351
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

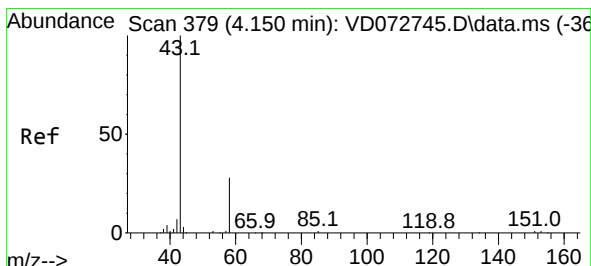
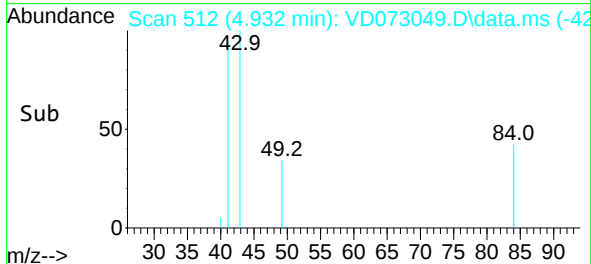
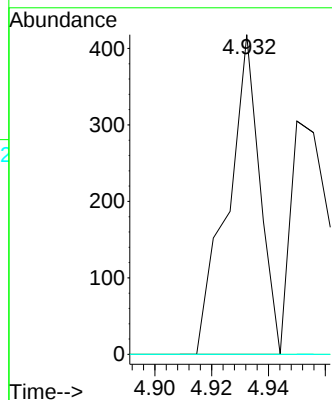
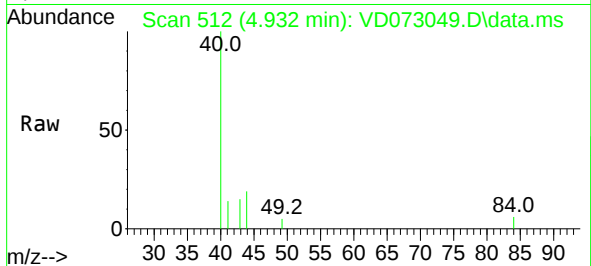




#14
Allyl chloride
Concen: 1.068 ug/l
RT: 4.932 min Scan# 512
Delta R.T. 0.217 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

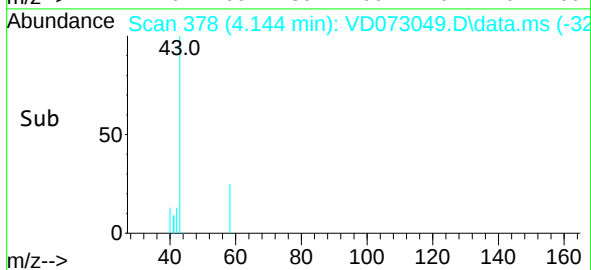
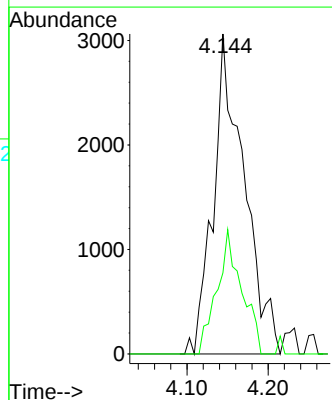
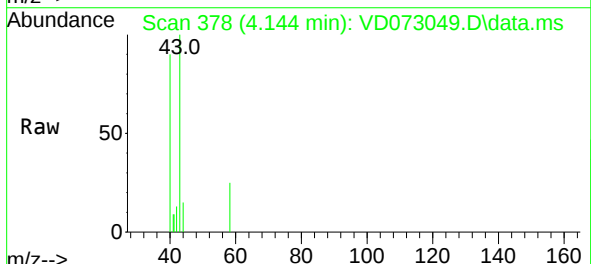
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

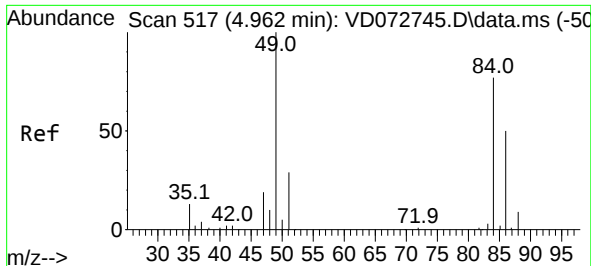
Tgt Ion	Ratio	Lower	Upper
41	100		
39	0.0	59.3	88.9#
76	0.0	25.7	38.5#



#16
Acetone
Concen: 207.246 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.006 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion	Ratio	Lower	Upper
43	100		
58	25.3	22.1	33.1



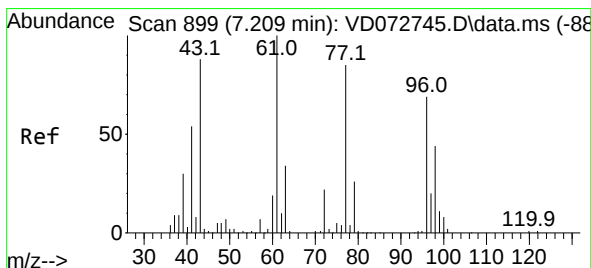
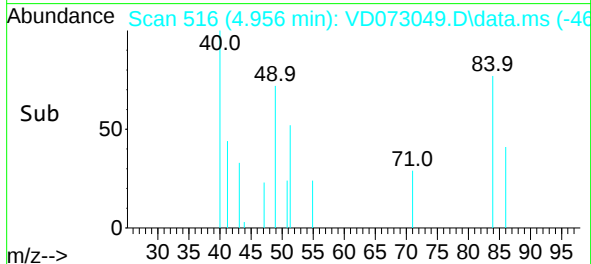
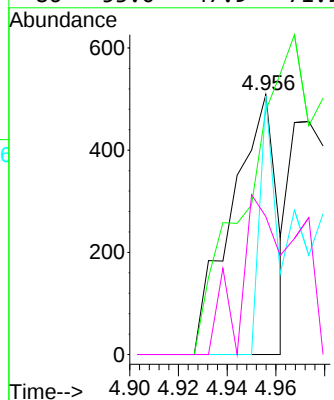
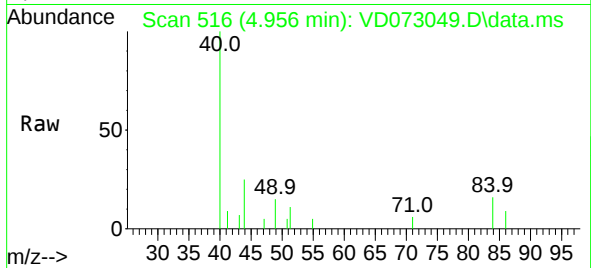


#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

Tgt Ion: 84 Resp: 655

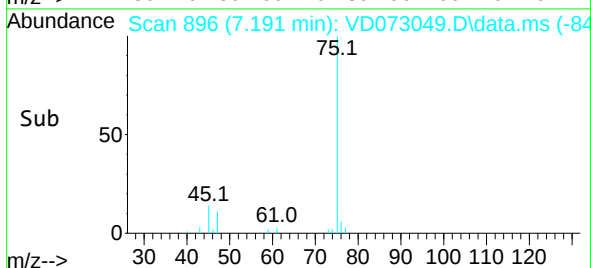
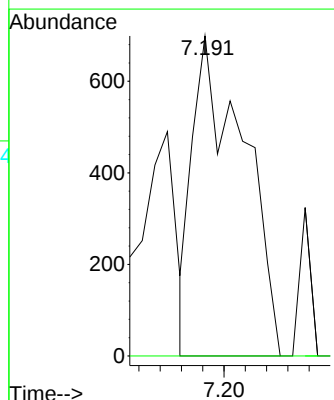
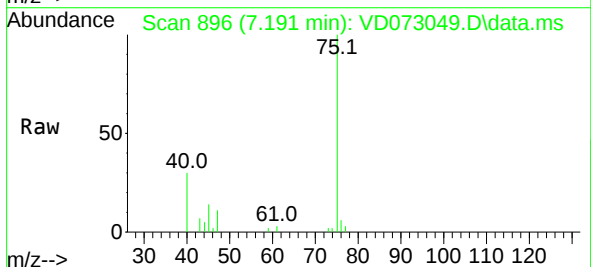
Ion	Ratio	Lower	Upper
84	100		
49	93.9	112.8	169.2#
51	99.4	32.6	48.8#
86	53.0	47.9	71.9

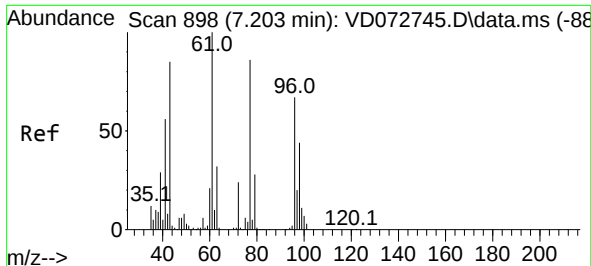


#25
2-Butanone
Concen: 19.488 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.018 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 43 Resp: 1166

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8#

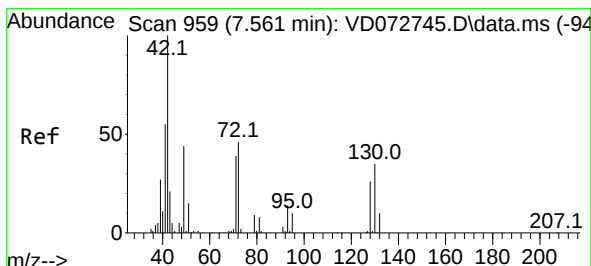
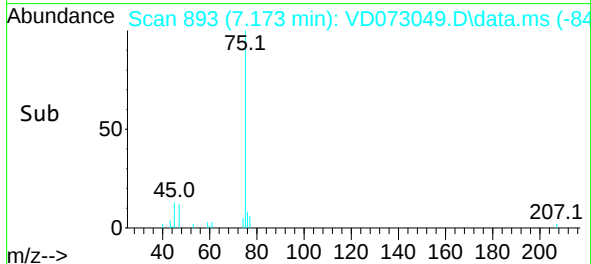
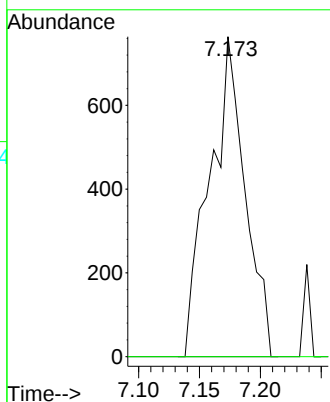
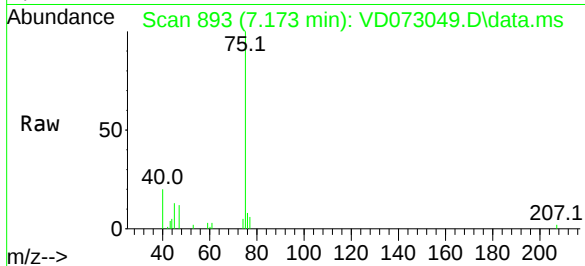




#26
2,2-Dichloropropane
Concen: 4.511 ug/l
RT: 7.173 min Scan# 89
Delta R.T. -0.030 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

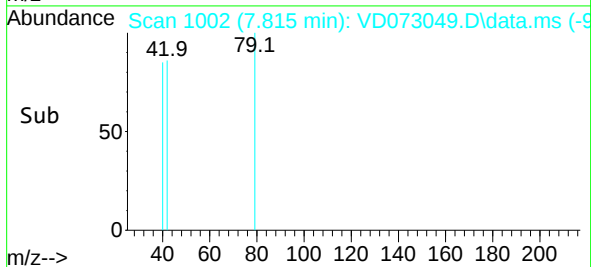
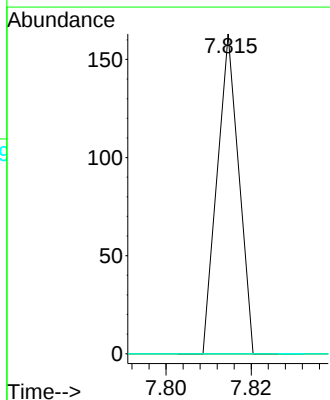
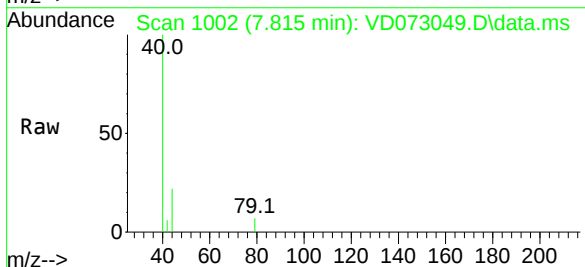
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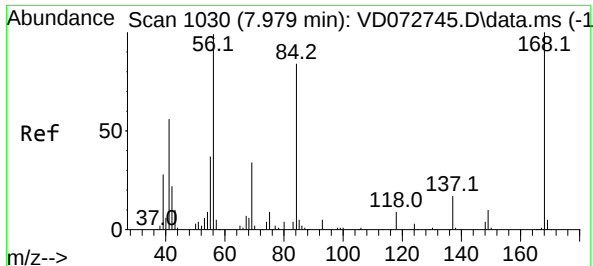
Tgt Ion: 77 Resp: 1552
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#



#29
Tetrahydrofuran
Concen: 1.521 ug/l
RT: 7.815 min Scan# 1002
Delta R.T. 0.254 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 42 Resp: 58
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 28.6 43.0#

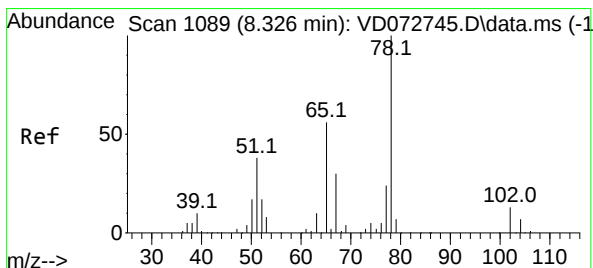
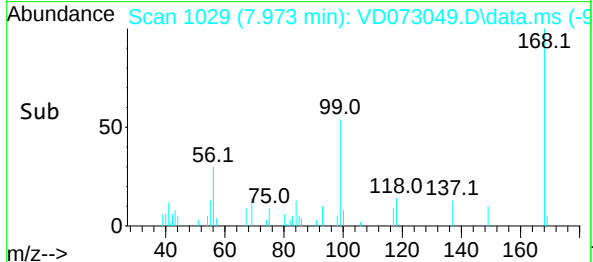
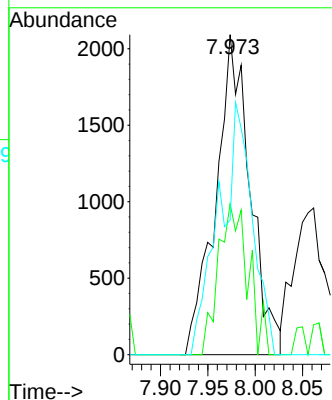
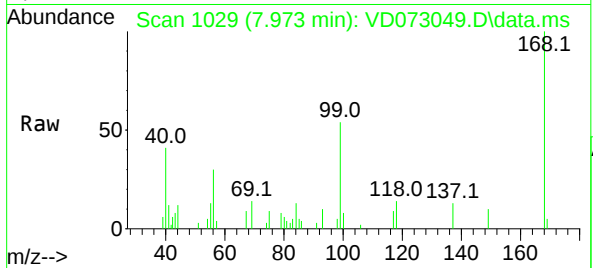




#31
Cyclohexane
Concen: 14.793 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

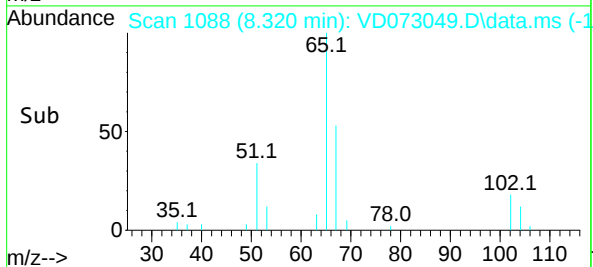
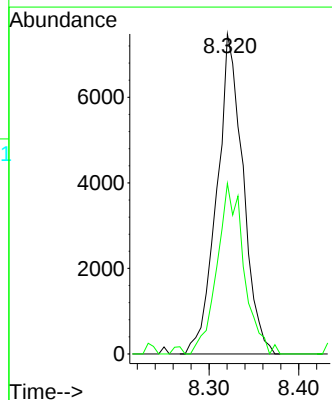
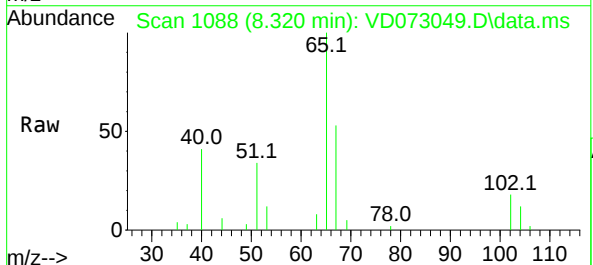
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WC-14A-TP-5R

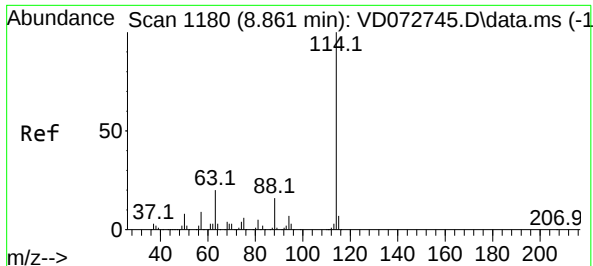
Tgt Ion: 56 Resp: 5310
Ion Ratio Lower Upper
56 100
69 47.1 25.4 38.2#
84 42.1 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 73.740 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 65 Resp: 15142
Ion Ratio Lower Upper
65 100
67 54.8 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1180

Delta R.T. -0.005 min

Lab File: VD073049.D

Acq: 16 May 2022 22:00

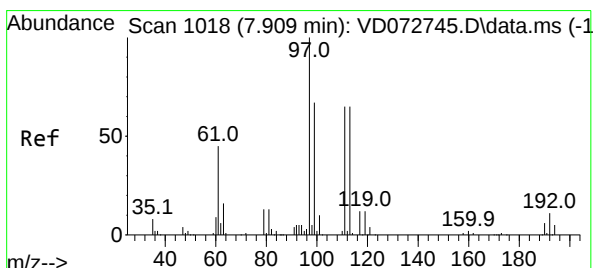
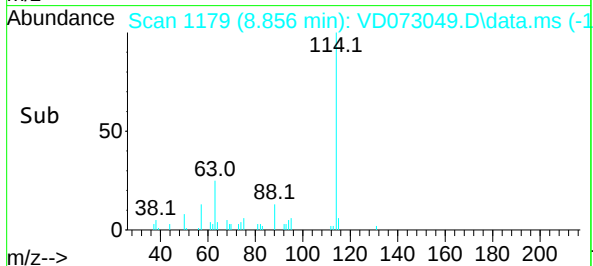
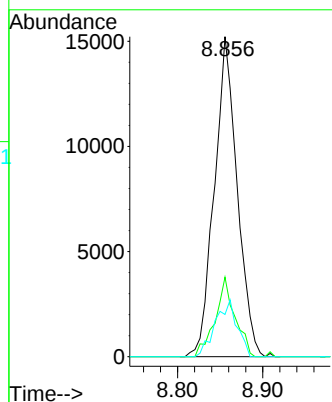
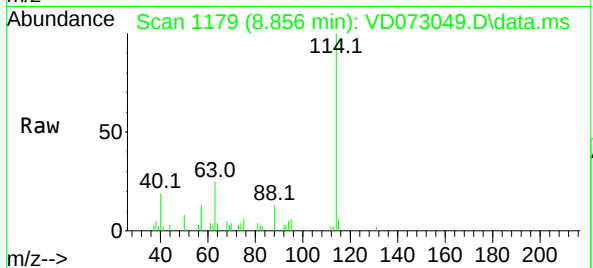
Instrument :

MSVOA_D

ClientSampleId :

WC-14A-TP-5R

Tgt Ion:114	Resp:	28350
Ion	Ratio	Lower Upper
114	100	
63	24.8	0.0 46.6
88	13.2	0.0 33.2



#35

Dibromofluoromethane

Concen: 66.372 ug/l

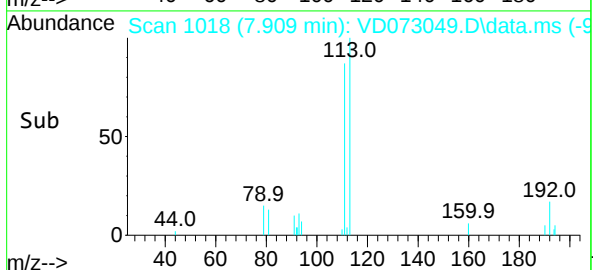
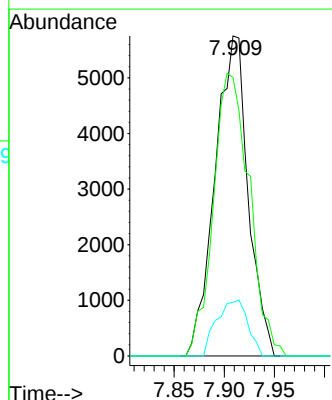
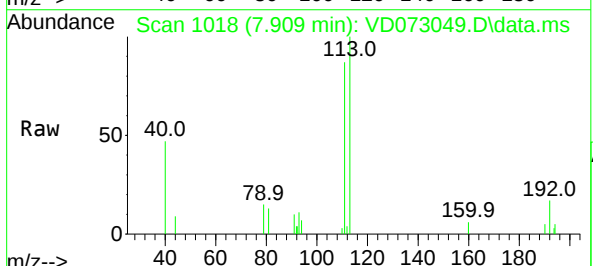
RT: 7.909 min Scan# 1018

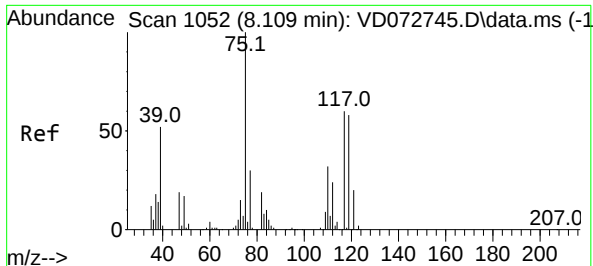
Delta R.T. -0.000 min

Lab File: VD073049.D

Acq: 16 May 2022 22:00

Tgt Ion:113	Resp:	13215
Ion	Ratio	Lower Upper
113	100	
111	95.8	83.8 125.6
192	16.4	14.6 21.8





#36

1,1-Dichloropropene

Concen: 5.202 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.142 min

Lab File: VD073049.D

Acq: 16 May 2022 22:00

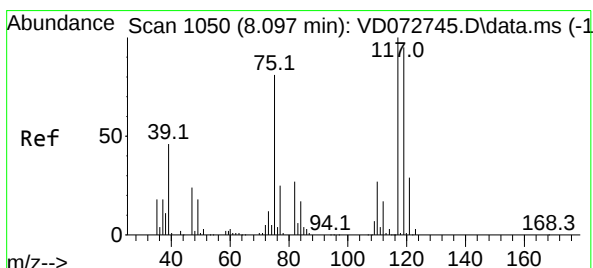
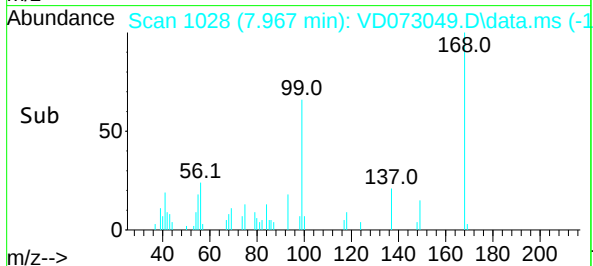
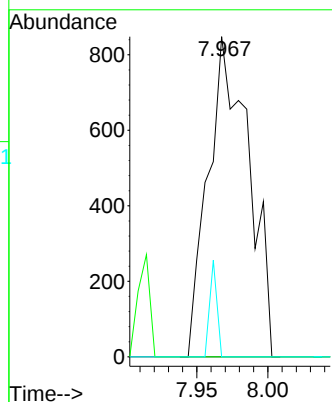
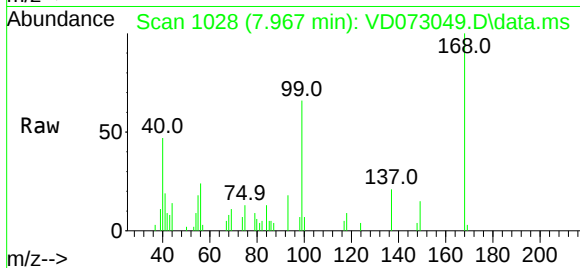
Instrument :

MSVOA_D

ClientSampleId :

WC-14A-TP-5R

Tgt Ion: 75	Resp: 1684
Ion Ratio	Lower Upper
75	100
110	0.0 16.4 49.1#
77	5.3 24.2 36.2#



#38

Carbon Tetrachloride

Concen: 4.356 ug/l

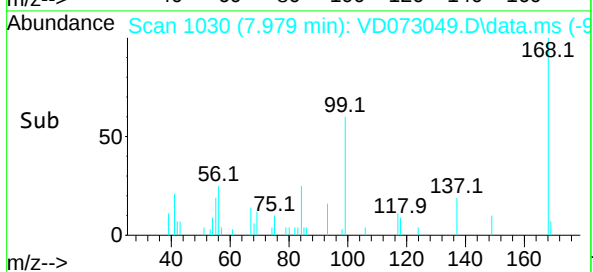
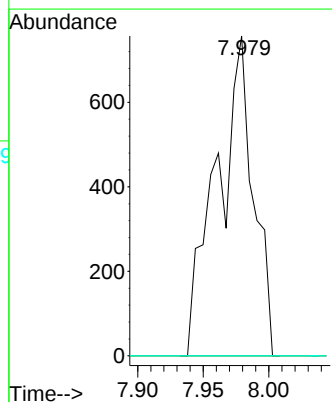
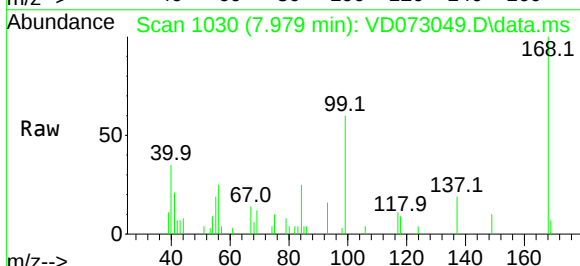
RT: 7.979 min Scan# 1030

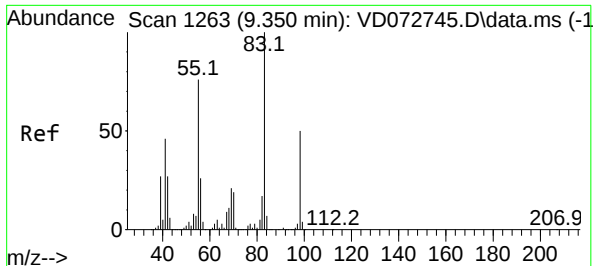
Delta R.T. -0.118 min

Lab File: VD073049.D

Acq: 16 May 2022 22:00

Tgt Ion: 117	Resp: 1464
Ion Ratio	Lower Upper
117	100
119	0.0 75.8 113.6#
121	0.0 24.5 36.7#





#39

Methylcyclohexane

Concen: 49.128 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073049.D

Acq: 16 May 2022 22:00

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-TP-5R

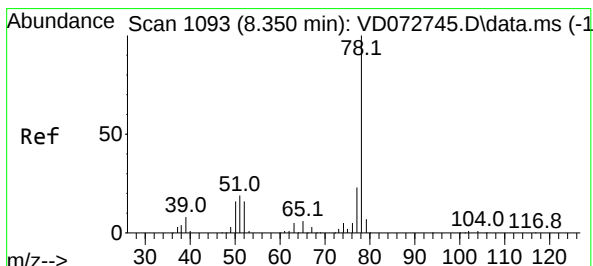
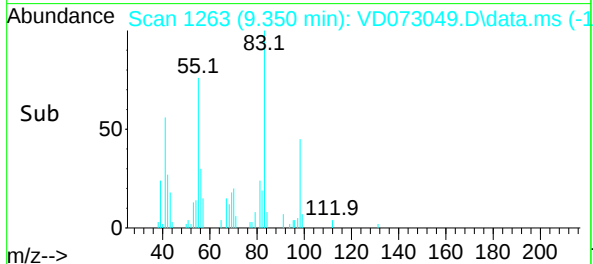
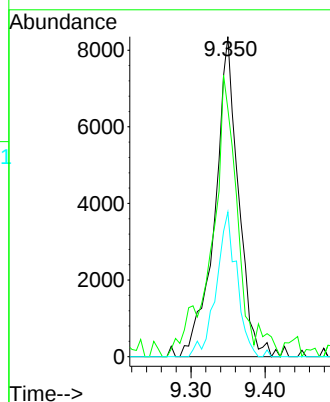
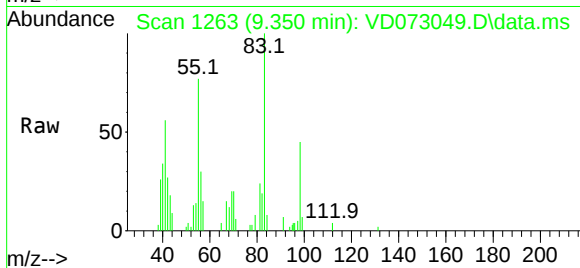
Tgt Ion: 83 Resp: 18449

Ion Ratio Lower Upper

83 100

55 77.3 63.2 94.8

98 45.2 38.2 57.4



#40

Benzene

Concen: 1.239 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD073049.D

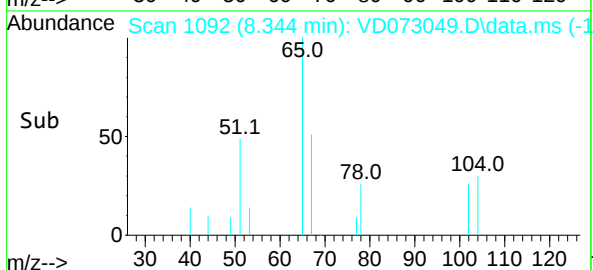
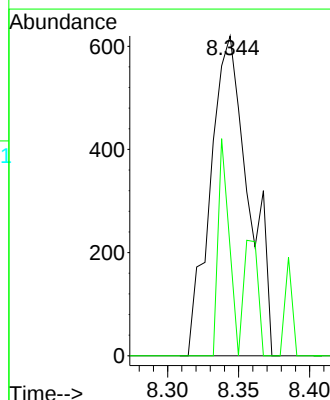
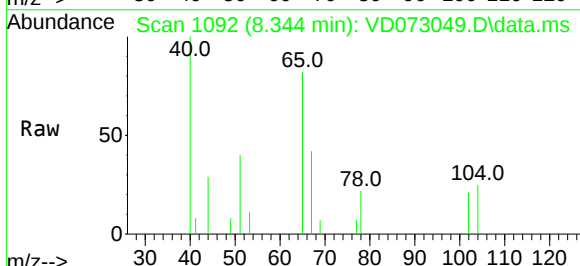
Acq: 16 May 2022 22:00

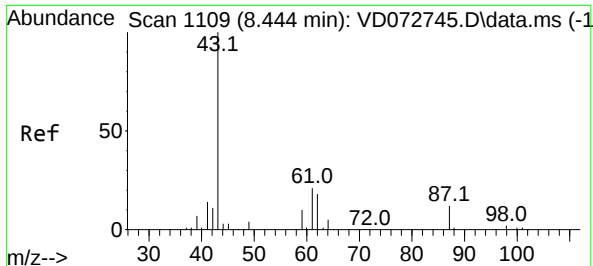
Tgt Ion: 78 Resp: 1158

Ion Ratio Lower Upper

78 100

77 33.5 19.1 28.7#

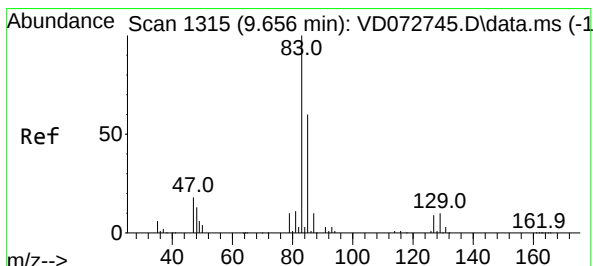
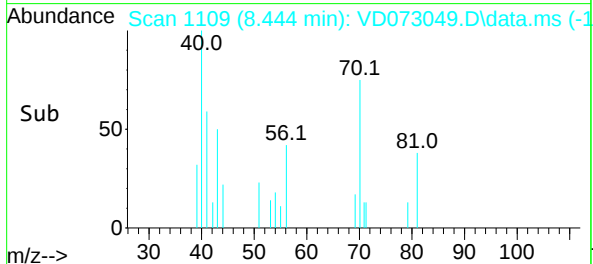
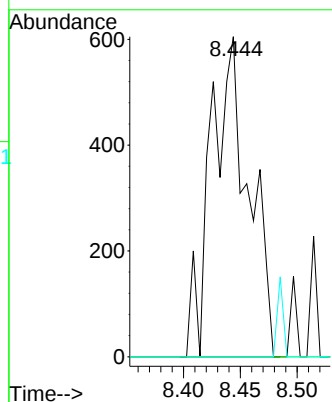
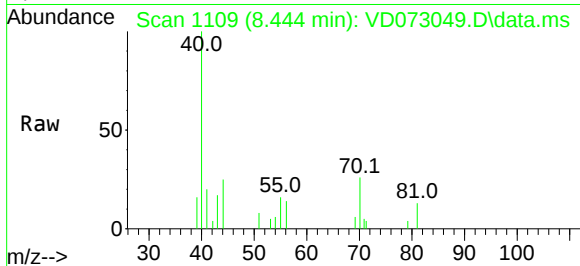




#43
Isopropyl Acetate
Concen: 5.107 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

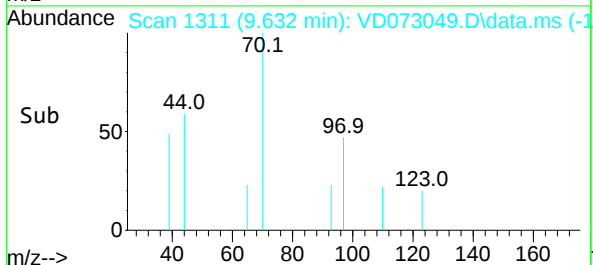
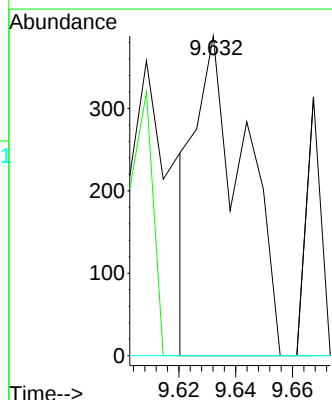
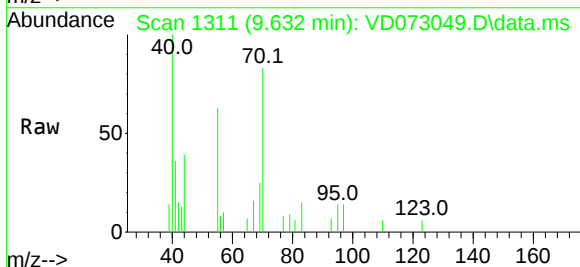
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

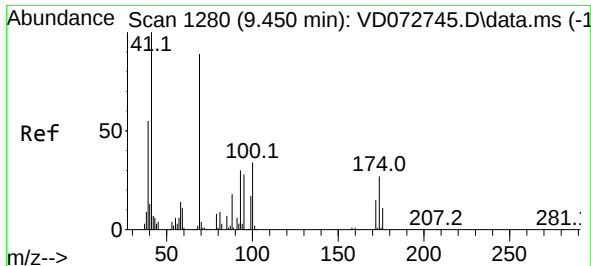
Tgt Ion: 43 Resp: 1403
Ion Ratio Lower Upper
43 100
61 0.0 22.4 33.6#
87 0.0 8.7 13.1#



#47
Bromodichloromethane
Concen: 1.343 ug/l
RT: 9.632 min Scan# 1311
Delta R.T. -0.024 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 83 Resp: 468
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.0#
127 0.0 6.1 9.1#

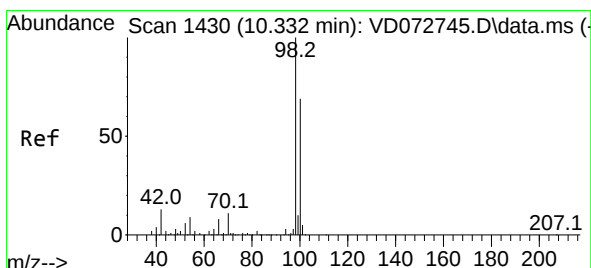
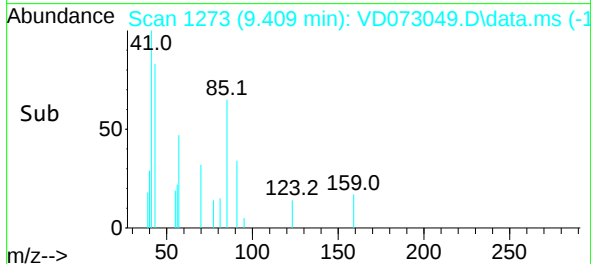
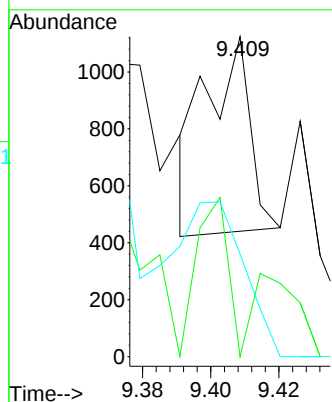
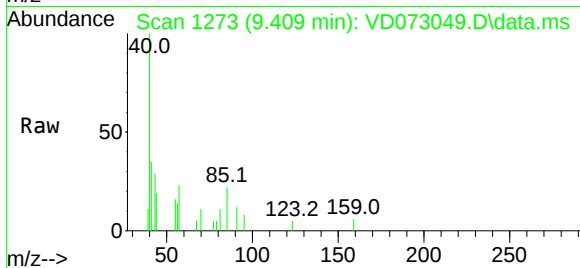




#48
Methyl methacrylate
Concen: 4.576 ug/l
RT: 9.409 min Scan# 11
Delta R.T. -0.041 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

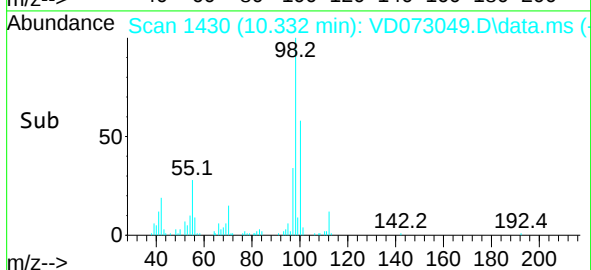
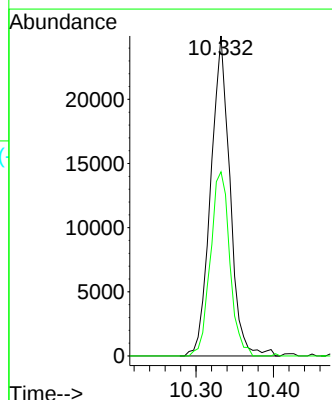
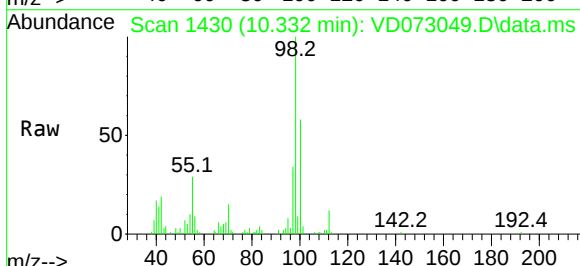
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

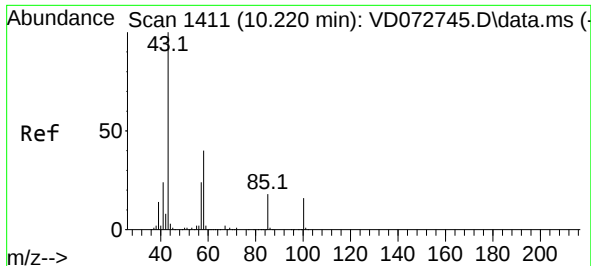
Tgt Ion: 41	Resp: 615
Ion Ratio	Lower Upper
41	100
69	58.0 56.7 85.1
39	114.6 42.7 64.1#



#50
Toluene-d8
Concen: 60.370 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 98	Resp: 43117
Ion Ratio	Lower Upper
98	100
100	57.9 52.4 78.6

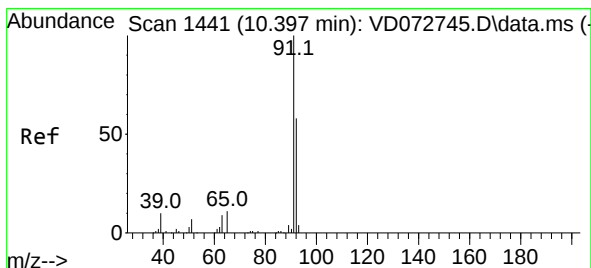
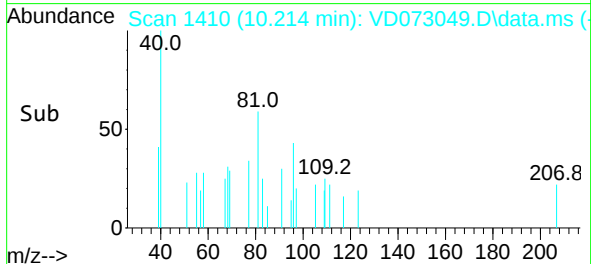
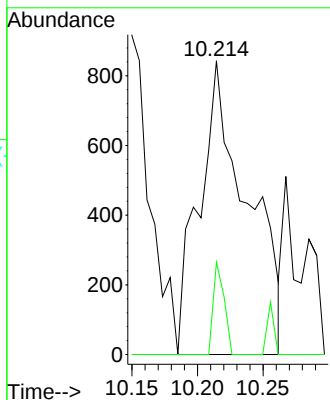
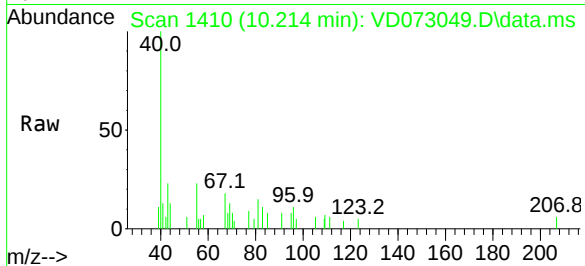




#51
4-Methyl-2-Pentanone
Concen: 15.055 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

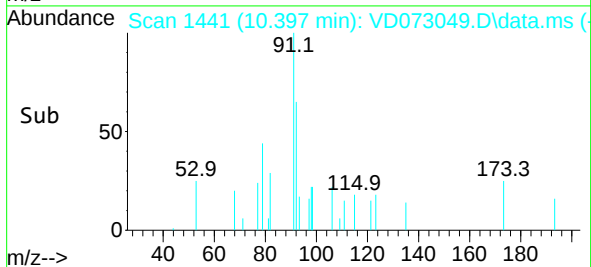
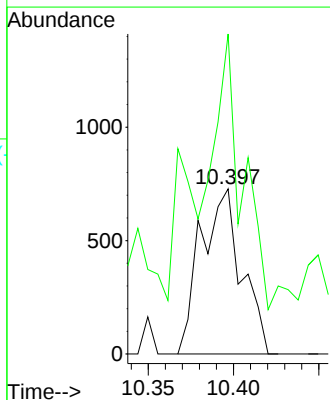
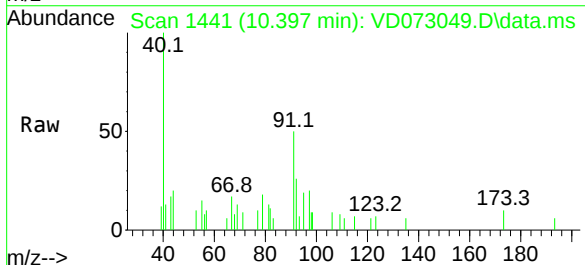
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

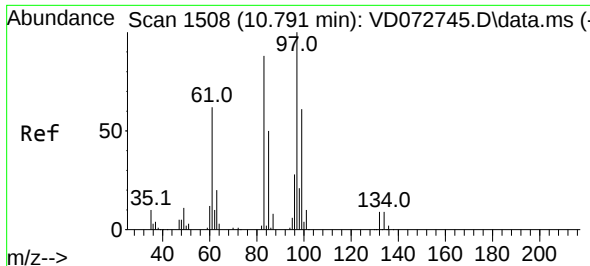
Tgt Ion: 43 Resp: 2149
Ion Ratio Lower Upper
43 100
58 7.1 28.6 43.0#



#52
Toluene
Concen: 2.075 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 92 Resp: 1210
Ion Ratio Lower Upper
92 100
91 109.5 139.6 209.4#

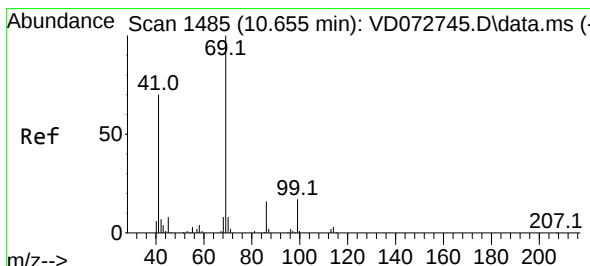
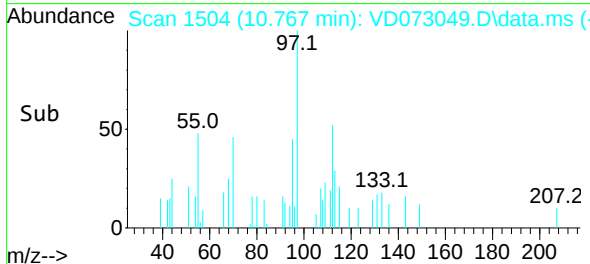
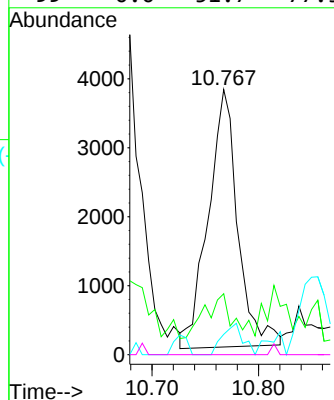
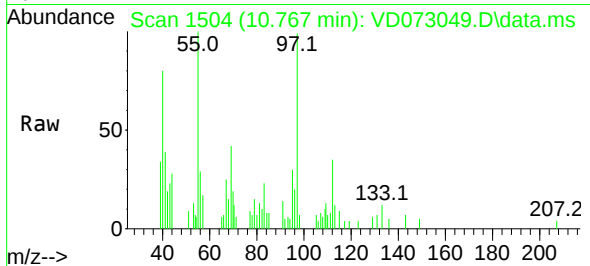




#55
1,1,2-Trichloroethane
Concen: 39.143 ug/l
RT: 10.767 min Scan# 1504
Delta R.T. -0.024 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

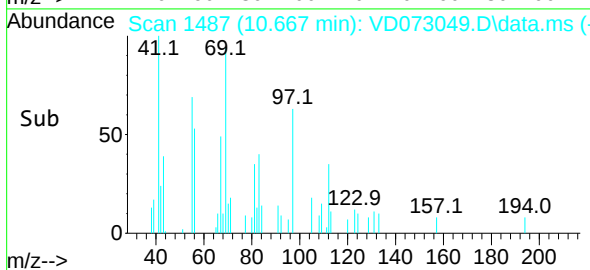
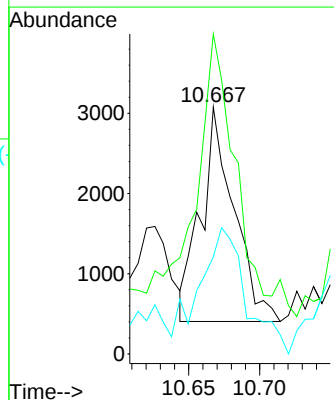
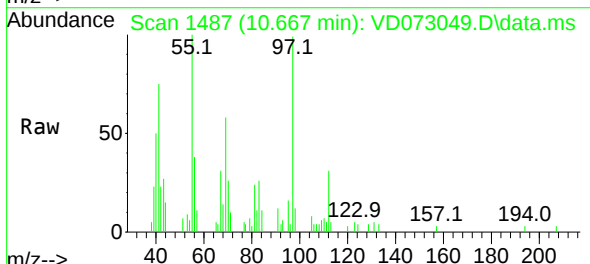
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

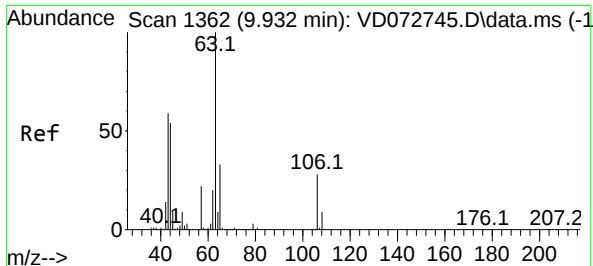
Tgt Ion:	97	Resp:	7167
Ion	Ratio	Lower	Upper
97	100		
83	18.1	69.0	103.4#
85	0.3	42.6	63.8#
99	0.0	51.7	77.5#



#56
Ethyl methacrylate
Concen: 20.099 ug/l
RT: 10.667 min Scan# 1487
Delta R.T. 0.012 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion:	69	Resp:	4333
Ion	Ratio	Lower	Upper
69	100		
41	164.9	63.0	94.6#
39	83.0	33.8	50.8#

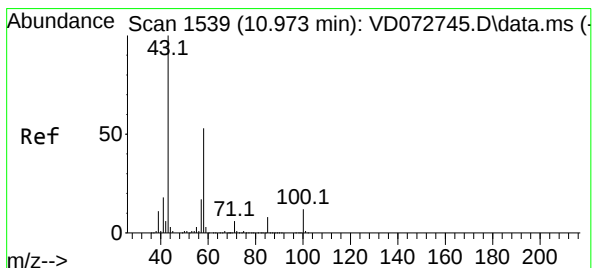
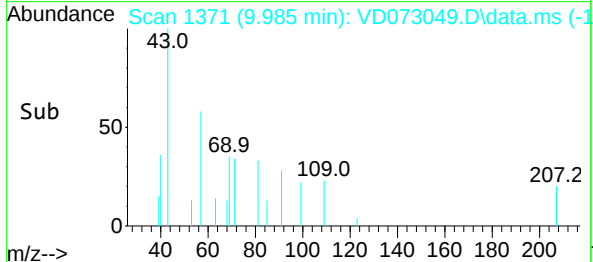
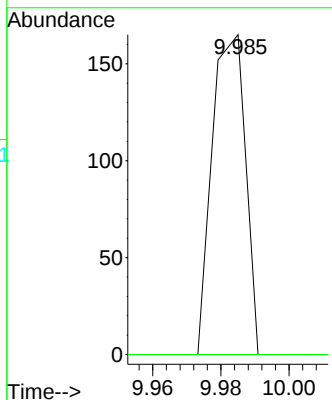
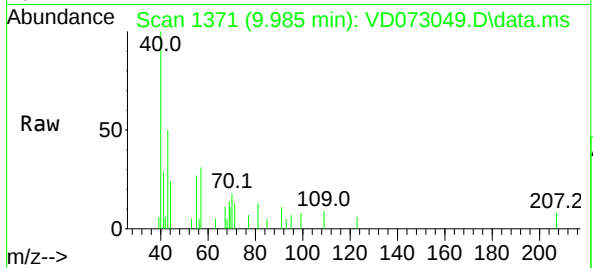




#58
2-Chloroethyl Vinyl ether
Concen: 1.072 ug/l
RT: 9.985 min Scan# 112
Delta R.T. 0.053 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

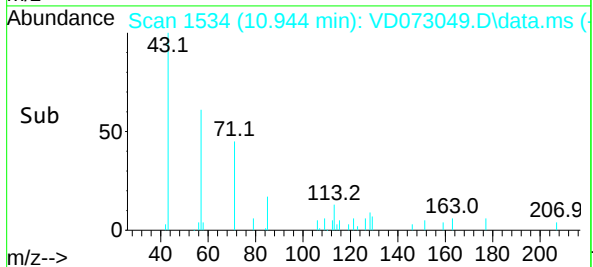
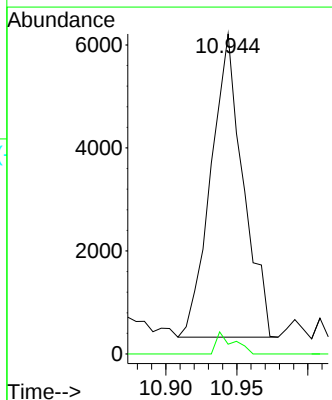
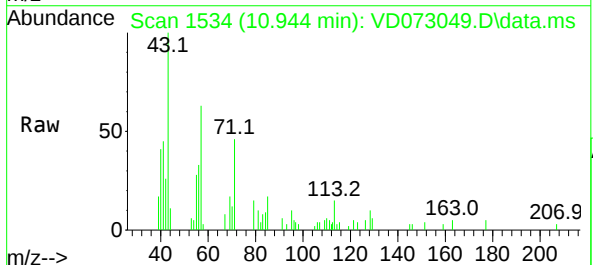
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

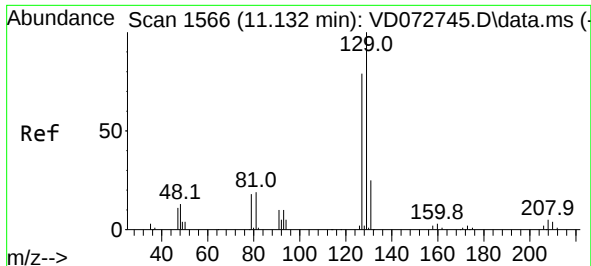
Tgt Ion: 63 Resp: 112
Ion Ratio Lower Upper
63 100
106 0.0 21.4 32.0#



#59
2-Hexanone
Concen: 96.701 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.029 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 43 Resp: 9288
Ion Ratio Lower Upper
43 100
58 3.9 25.3 75.9#

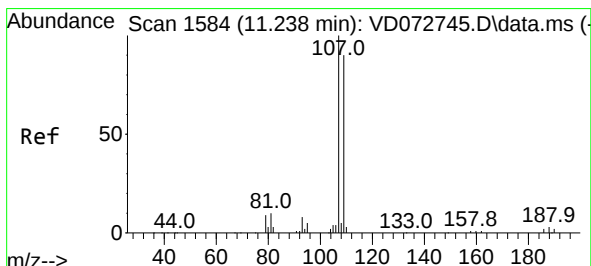
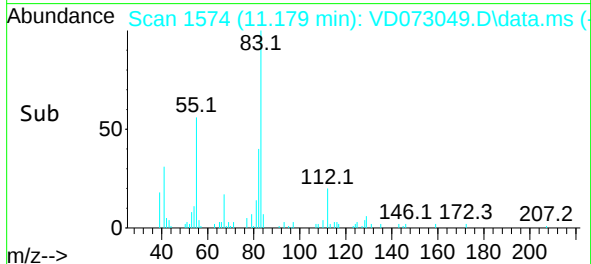
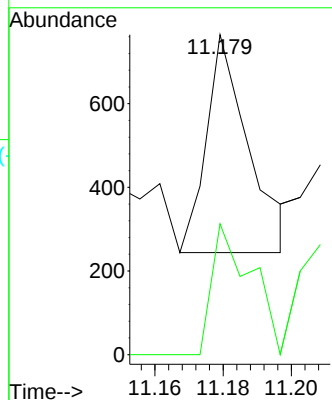
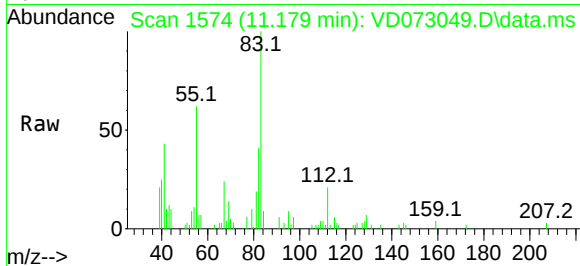




#60
Dibromochloromethane
Concen: 1.952 ug/l
RT: 11.179 min Scan# 11
Delta R.T. 0.047 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

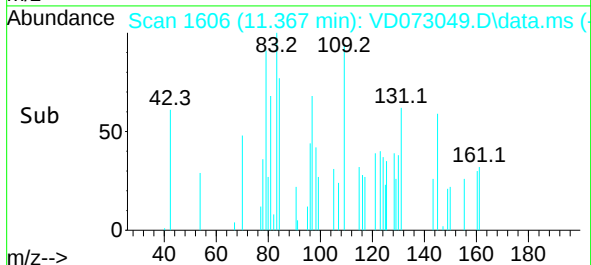
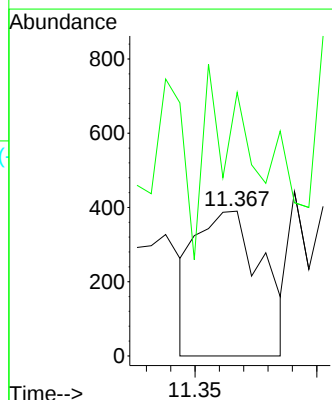
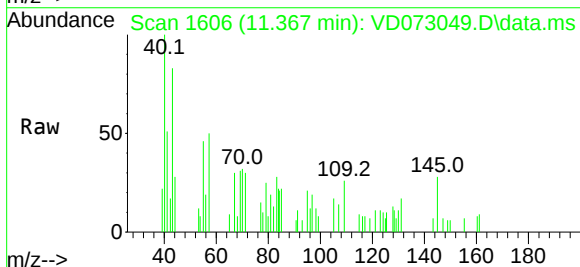
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

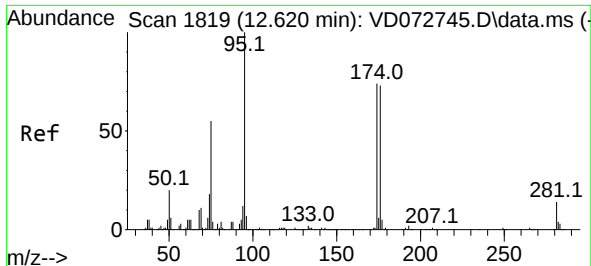
Tgt Ion:129 Resp: 450
Ion Ratio Lower Upper
129 100
127 55.6 39.2 117.6



#61
1,2-Dibromoethane
Concen: 4.152 ug/l
RT: 11.367 min Scan# 1606
Delta R.T. 0.129 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion:107 Resp: 740
Ion Ratio Lower Upper
107 100
109 109.9 74.2 111.4

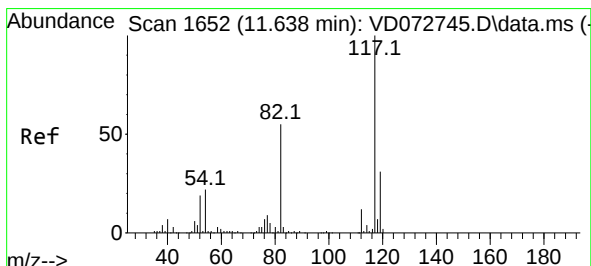
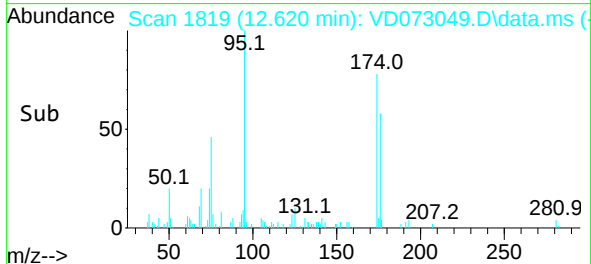
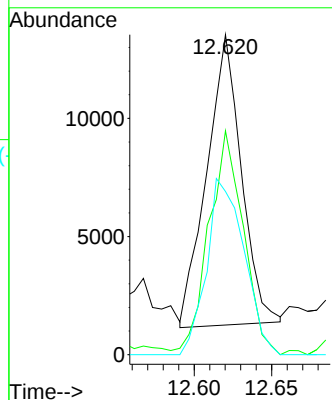
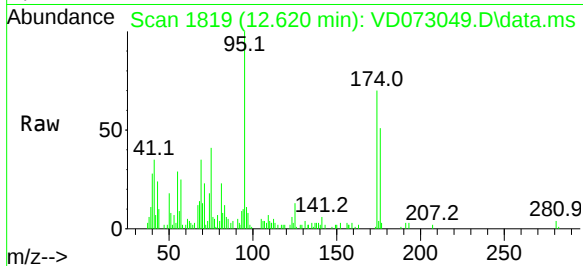




#62
4-Bromofluorobenzene
Concen: 71.500 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

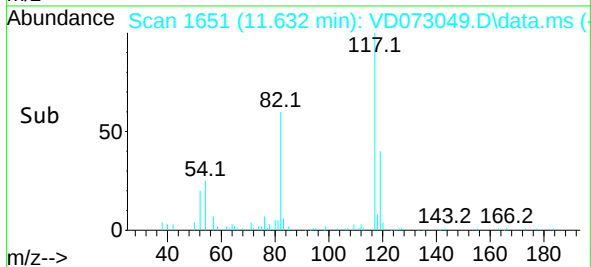
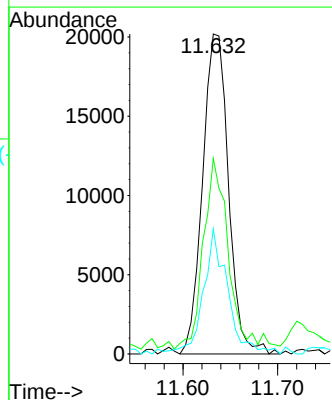
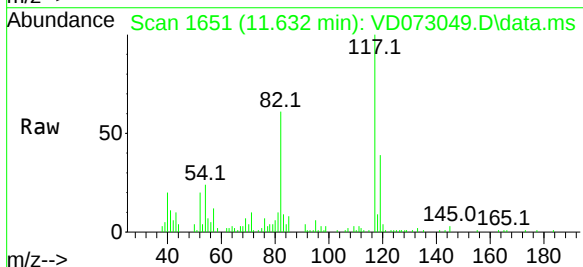
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

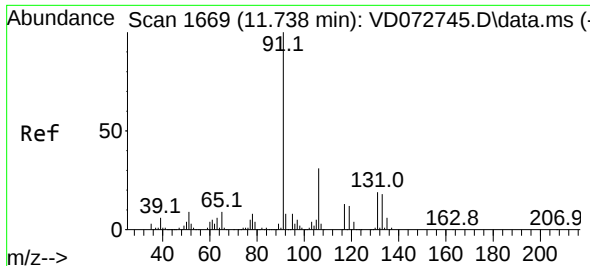
Tgt Ion: 95 Resp: 19041
Ion Ratio Lower Upper
95 100
174 73.7 0.0 152.8
176 65.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 117 Resp: 38428
Ion Ratio Lower Upper
117 100
82 58.6 45.3 67.9
119 39.1 26.6 40.0

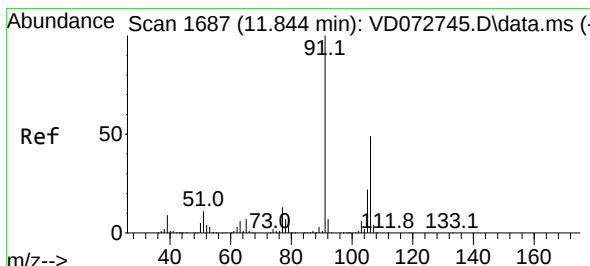
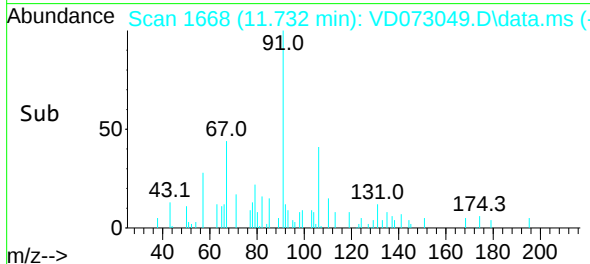
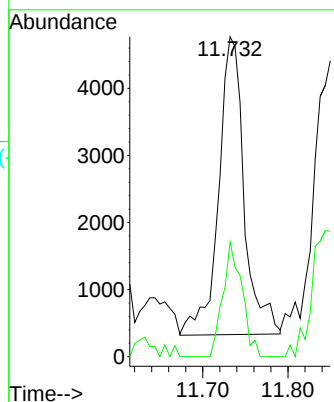
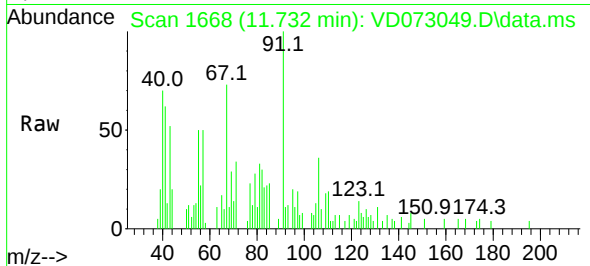




#67
Ethyl Benzene
Concen: 6.017 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

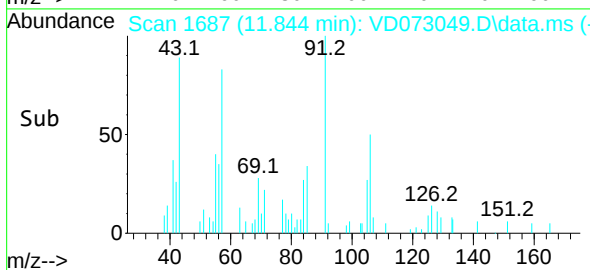
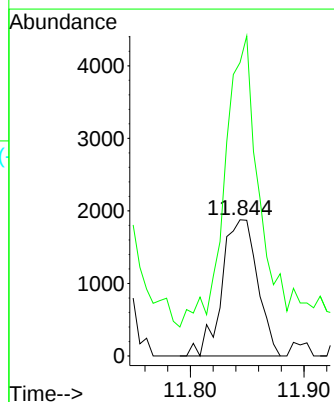
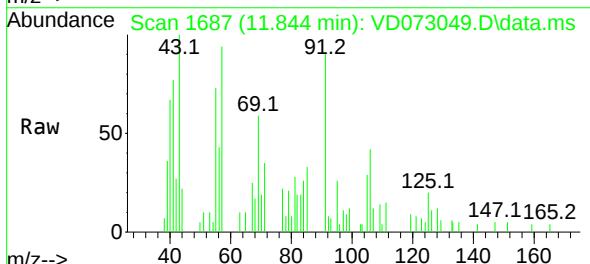
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

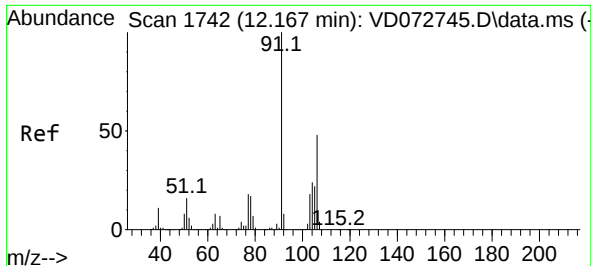
Tgt Ion: 91 Resp: 9256
Ion Ratio Lower Upper
91 100
106 38.5 24.2 36.4#



#68
m/p-Xylenes
Concen: 6.872 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 106 Resp: 4072
Ion Ratio Lower Upper
106 100
91 221.8 163.7 245.5

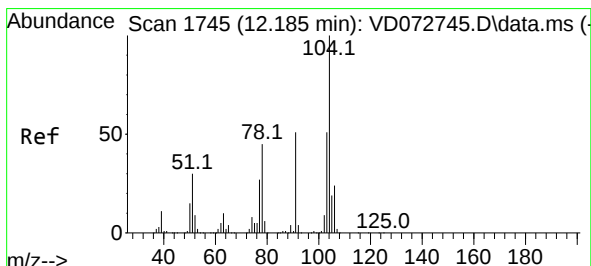
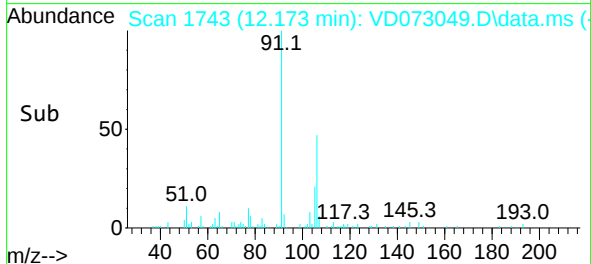
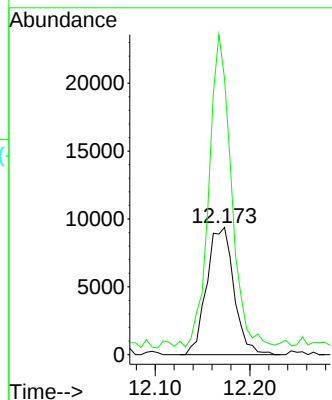
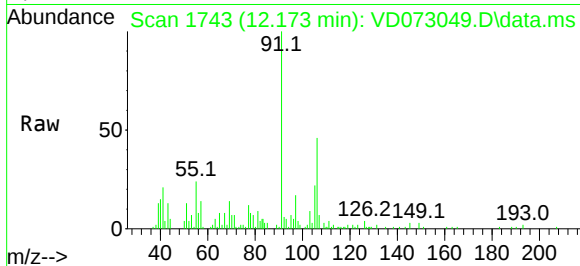




#69
o-Xylene
Concen: 33.800 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

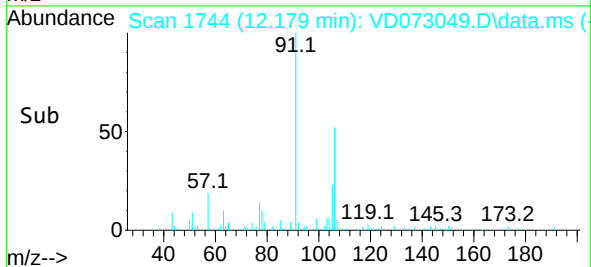
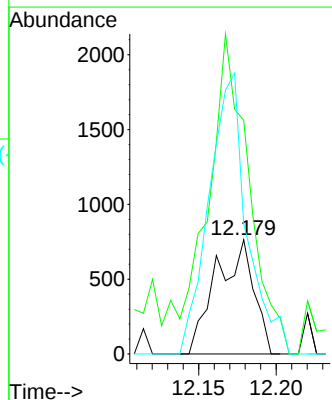
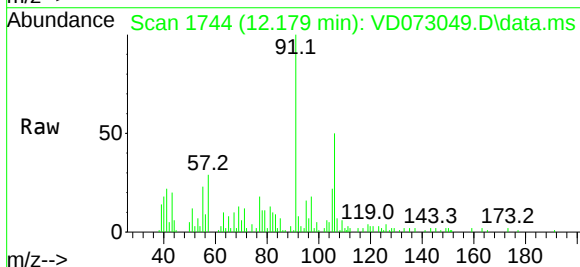
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

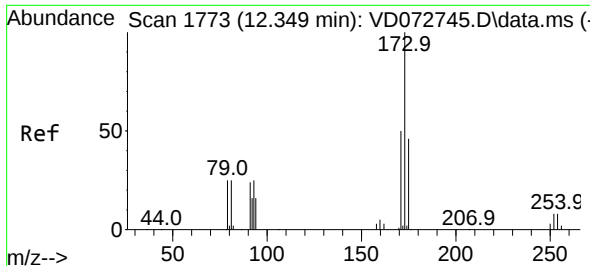
Tgt Ion:106 Resp: 18704
Ion Ratio Lower Upper
106 100
91 200.5 110.4 331.2



#70
Styrene
Concen: 1.348 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.006 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion:104 Resp: 1292
Ion Ratio Lower Upper
104 100
78 296.7 41.8 62.8#
103 248.8 44.2 66.4#

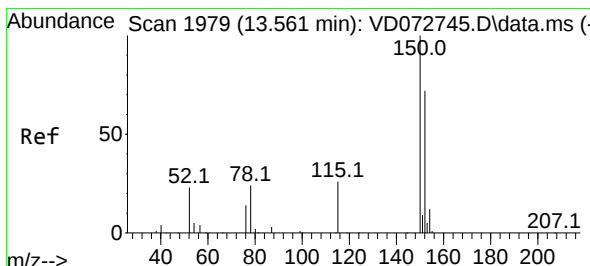
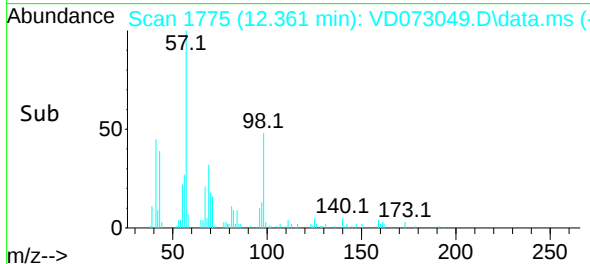
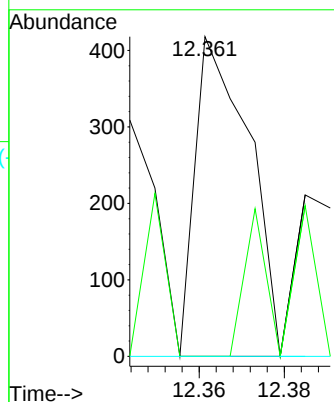
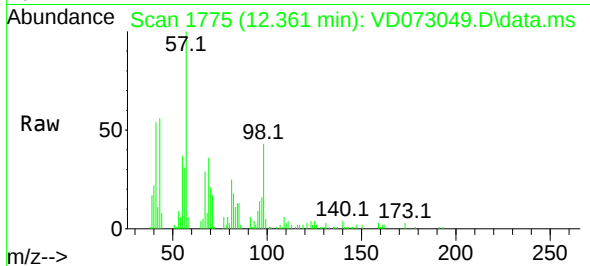




#71
Bromoform
Concen: 2.016 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.012 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

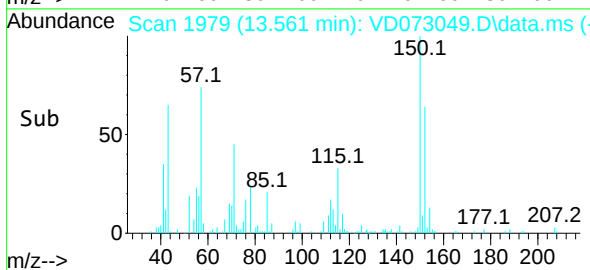
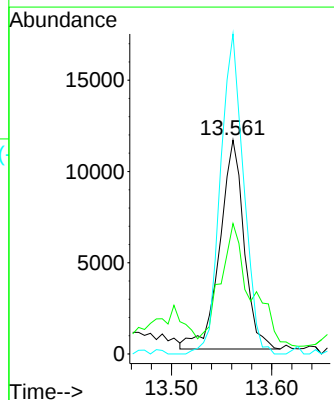
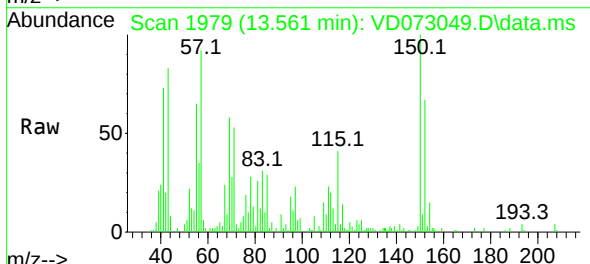
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

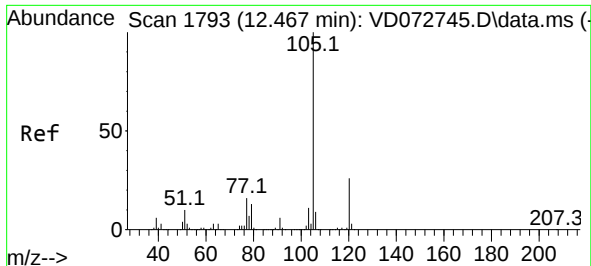
Tgt Ion:173 Resp: 365
Ion Ratio Lower Upper
173 100
175 20.5 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion:152 Resp: 19245
Ion Ratio Lower Upper
152 100
115 75.7 31.3 93.8
150 146.3 0.0 348.6

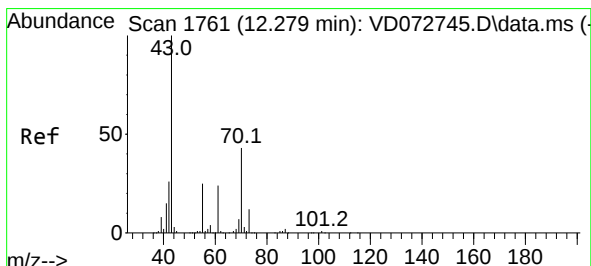
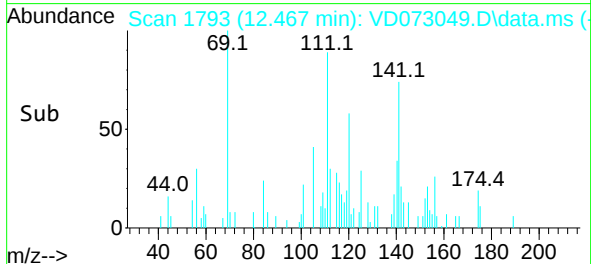
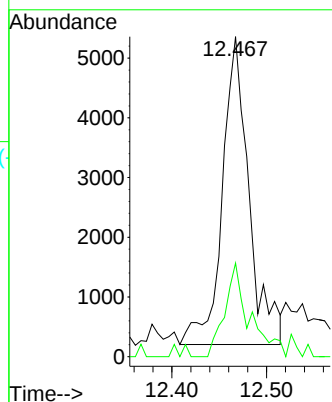
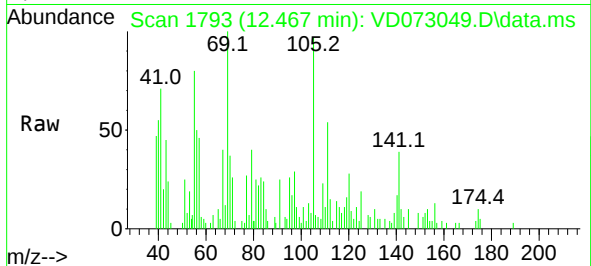




#73
Isopropylbenzene
Concen: 6.766 ug/l
RT: 12.467 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

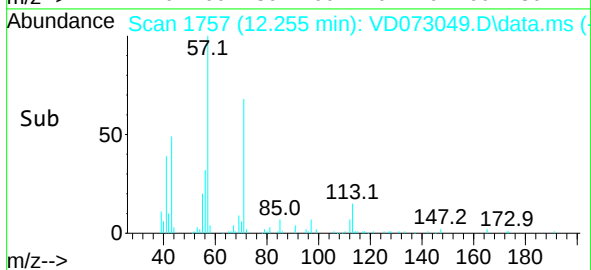
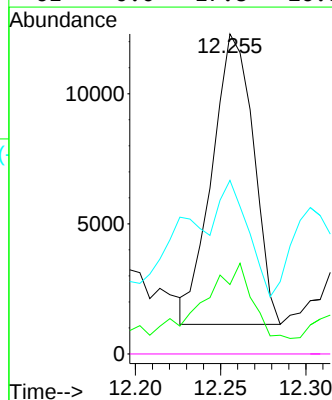
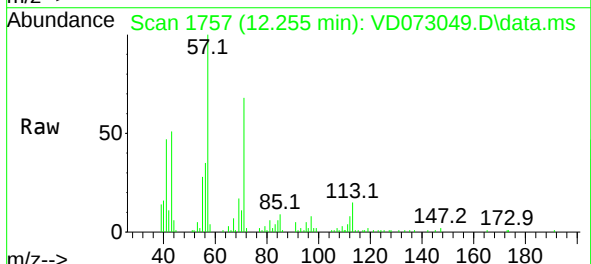
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

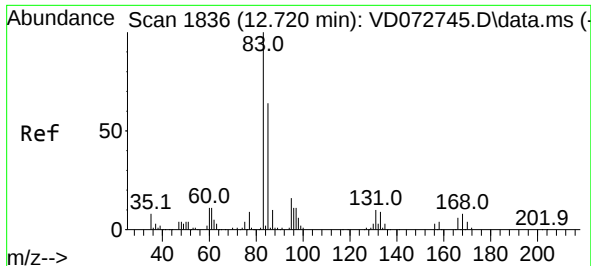
Tgt Ion:105 Resp: 10131
Ion Ratio Lower Upper
105 100
120 28.0 13.0 38.9



#74
N-ethyl acetate
Concen: 50.708 ug/l
RT: 12.255 min Scan# 1757
Delta R.T. -0.024 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 43 Resp: 18908
Ion Ratio Lower Upper
43 100
70 29.5 31.3 46.9#
55 28.5 20.0 30.0
61 0.0 17.8 26.8#

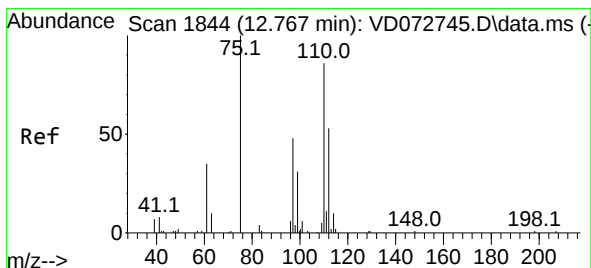
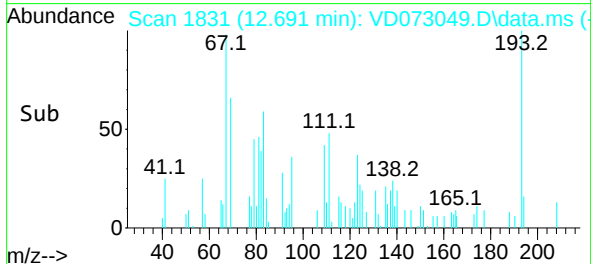
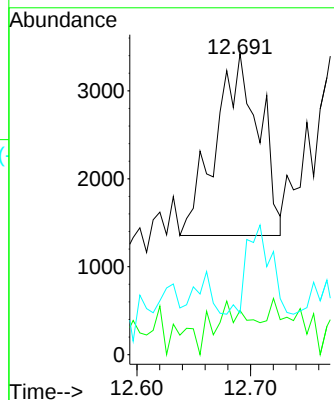
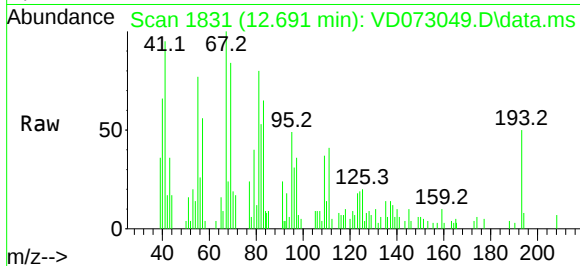




#75
1,1,2,2-Tetrachloroethane
Concen: 18.342 ug/l
RT: 12.691 min Scan# 1831
Delta R.T. -0.029 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

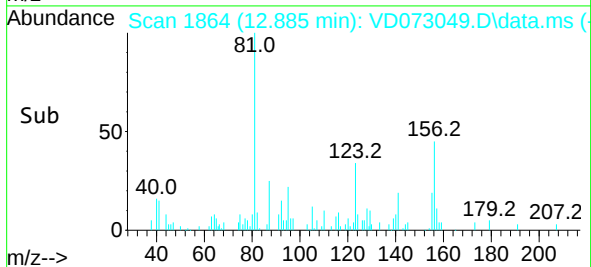
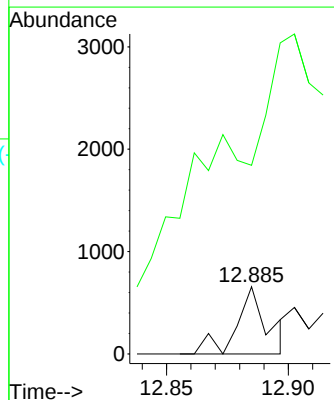
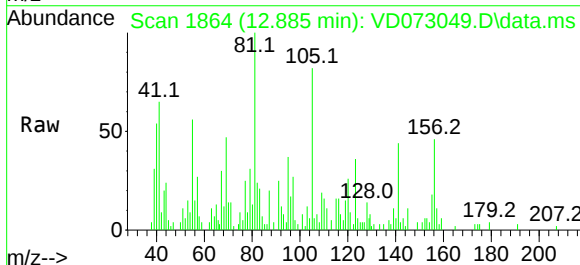
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

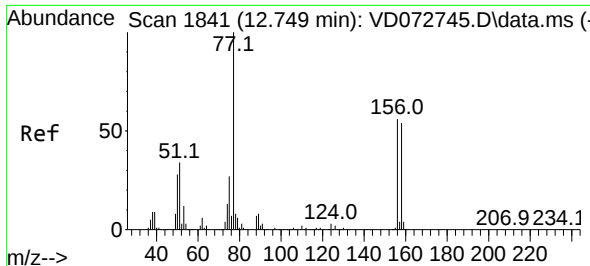
Tgt Ion: 83 Resp: 5544
Ion Ratio Lower Upper
83 100
131 23.6 5.0 14.9#
85 0.0 32.6 98.0#



#76
1,2,3-Trichloropropane
Concen: 2.712 ug/l
RT: 12.885 min Scan# 1864
Delta R.T. 0.118 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 75 Resp: 582
Ion Ratio Lower Upper
75 100
77 484.9 0.0 0.0#

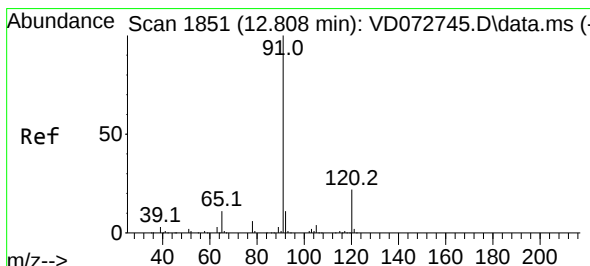
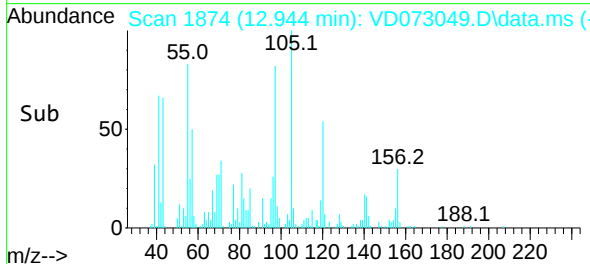
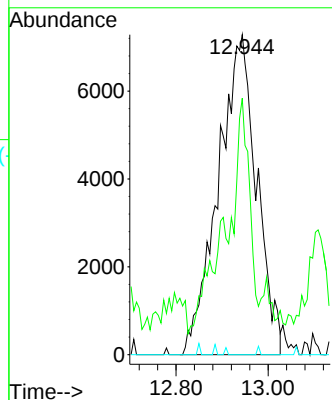
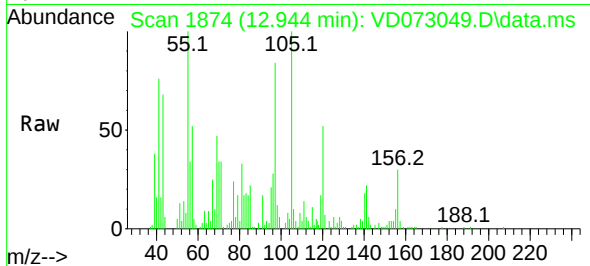




#77
Bromobenzene
Concen: 118.589 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.195 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

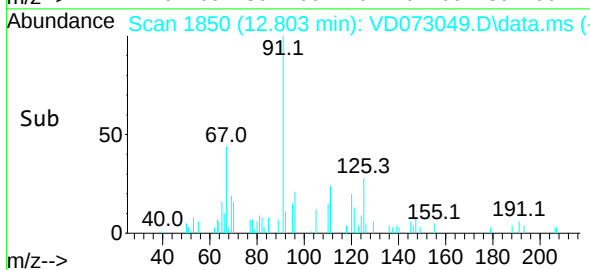
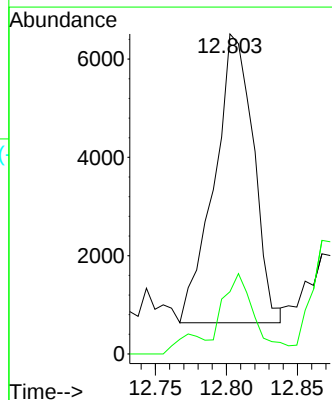
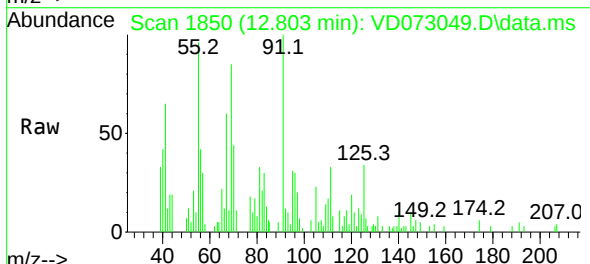
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

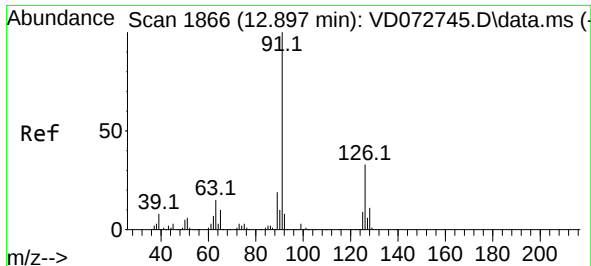
Tgt Ion:156 Resp: 42165
Ion Ratio Lower Upper
156 100
77 25.0 102.8 308.3#
158 0.0 48.7 146.1#



#78
n-propylbenzene
Concen: 5.974 ug/l
RT: 12.803 min Scan# 1850
Delta R.T. -0.005 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 91 Resp: 11273
Ion Ratio Lower Upper
91 100
120 22.8 10.9 32.9

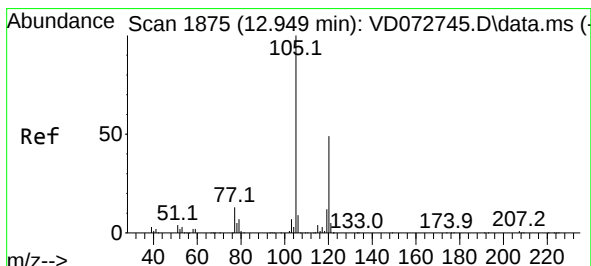
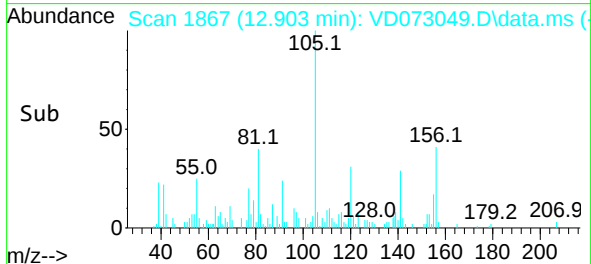
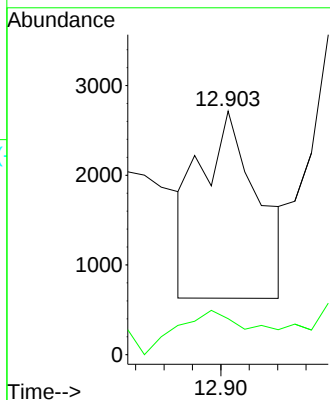
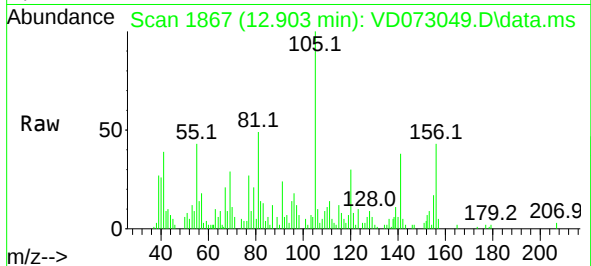




#79
2-Chlorotoluene
Concen: 2.686 ug/l
RT: 12.903 min Scan# 1866
Delta R.T. 0.006 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

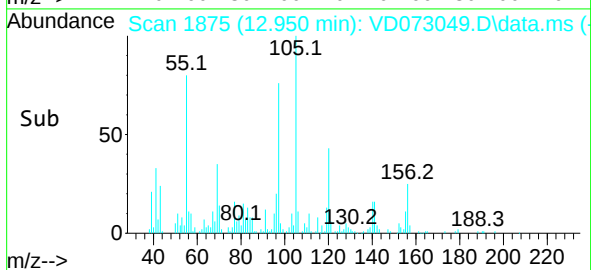
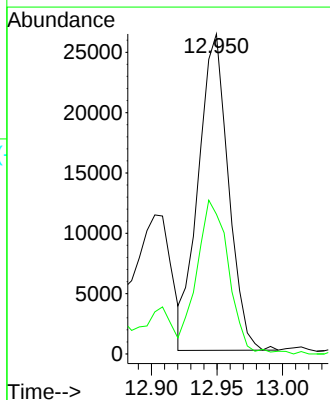
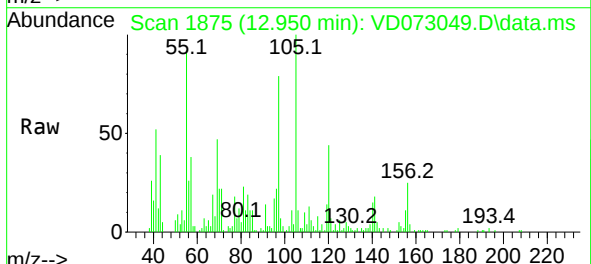
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

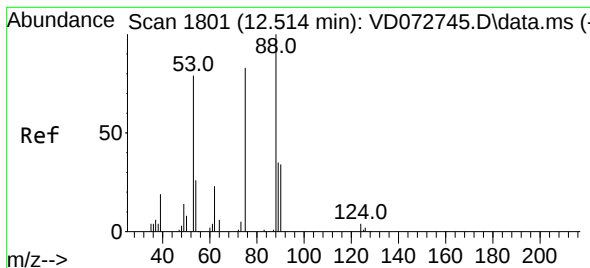
Tgt Ion: 91 Resp: 2961
Ion Ratio Lower Upper
91 100
126 32.0 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 32.905 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.001 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 105 Resp: 41777
Ion Ratio Lower Upper
105 100
120 51.9 24.3 72.8

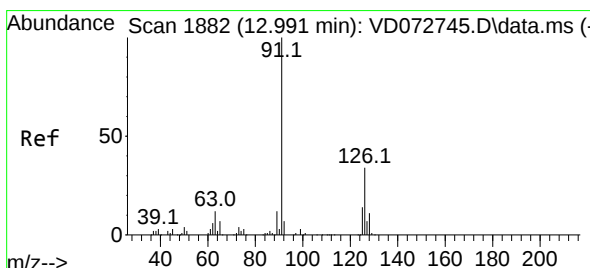
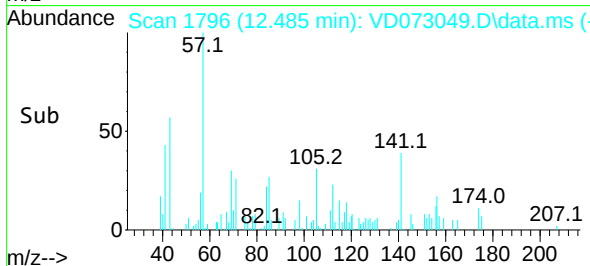
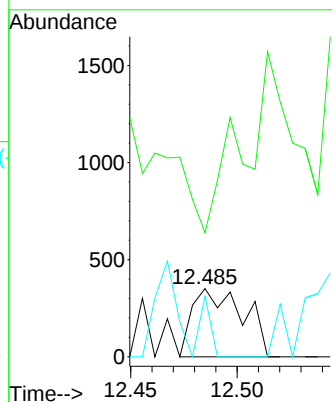
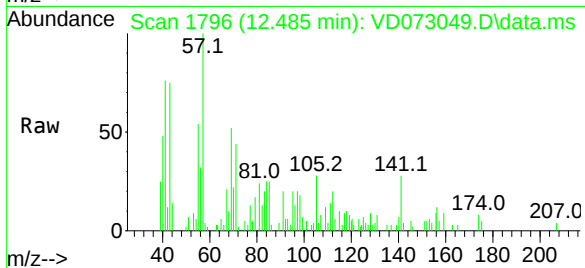




#81
trans-1,4-Dichloro-2-butene
Concen: 6.237 ug/l
RT: 12.485 min Scan# 1796
Delta R.T. -0.029 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

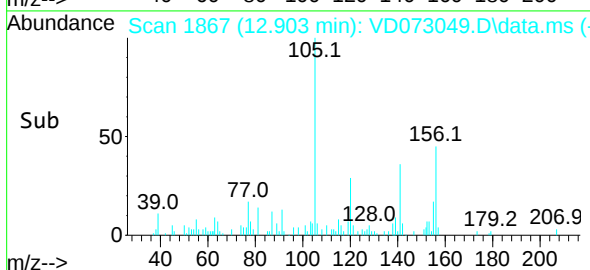
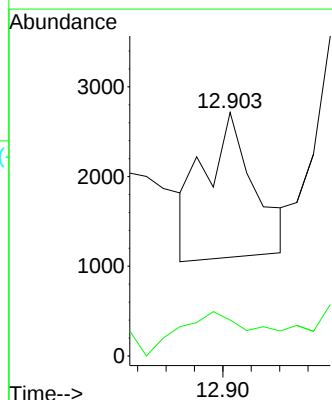
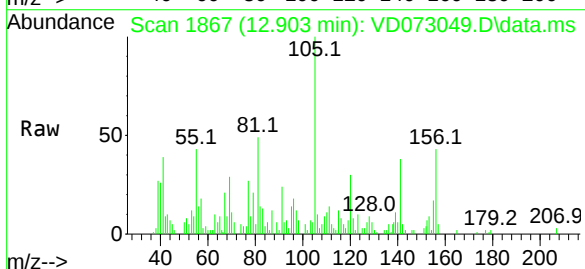
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

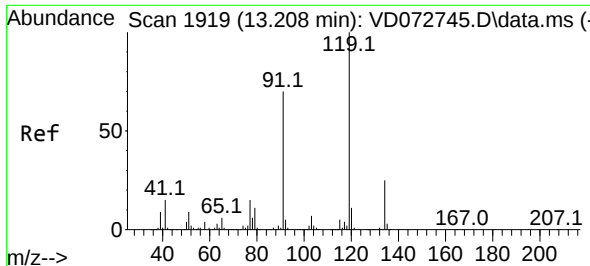
Tgt Ion: 75 Resp: 582
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 58.9 33.9 50.9#



#82
4-Chlorotoluene
Concen: 1.705 ug/l
RT: 12.903 min Scan# 1867
Delta R.T. -0.088 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 91 Resp: 1964
Ion Ratio Lower Upper
91 100
126 48.2 16.5 49.5

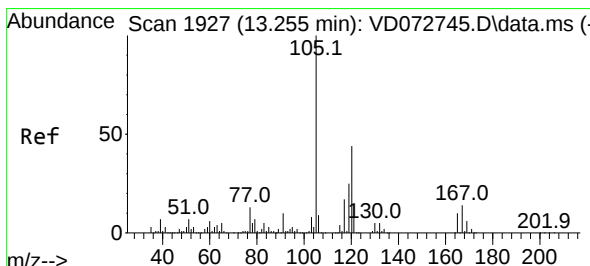
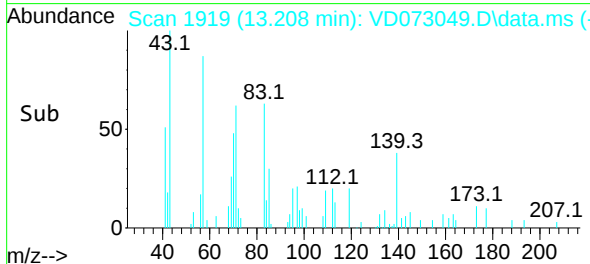
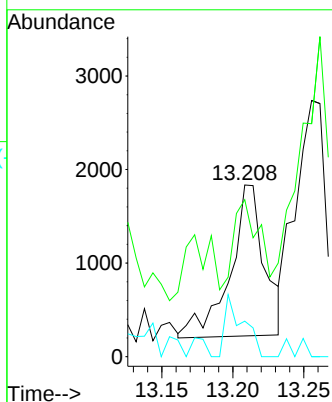
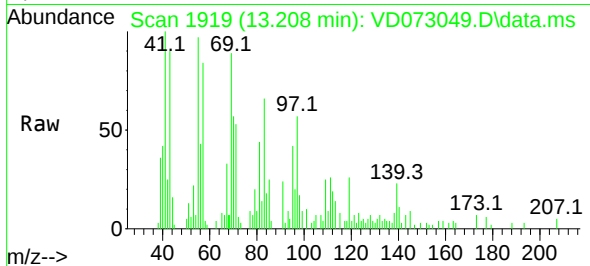




#83
 tert-Butylbenzene
 Concen: 2.521 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073049.D
 Acq: 16 May 2022 22:00

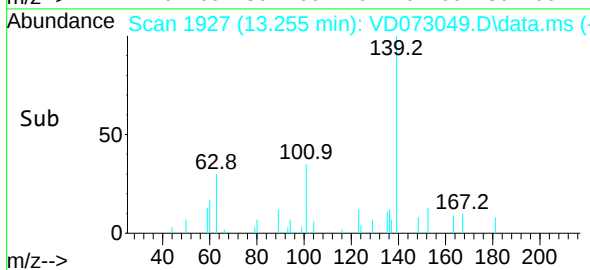
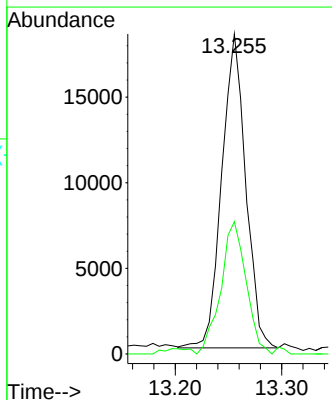
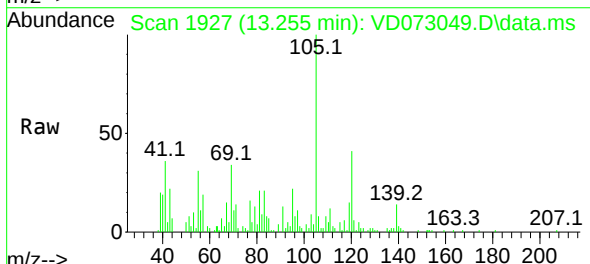
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-TP-5R

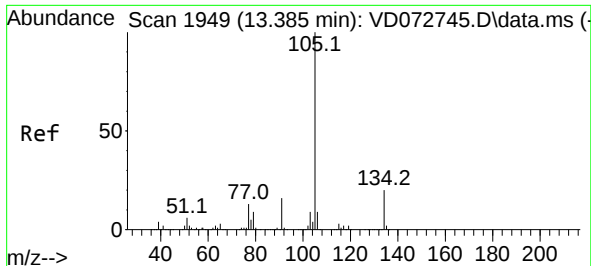
Tgt Ion:	119	Resp:	2721
Ion	Ratio	Lower	Upper
119	100		
91	42.9	34.8	104.5
134	21.8	13.3	39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 22.511 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073049.D
 Acq: 16 May 2022 22:00

Tgt Ion:	105	Resp:	28568
Ion	Ratio	Lower	Upper
105	100		
120	44.5	22.3	66.8

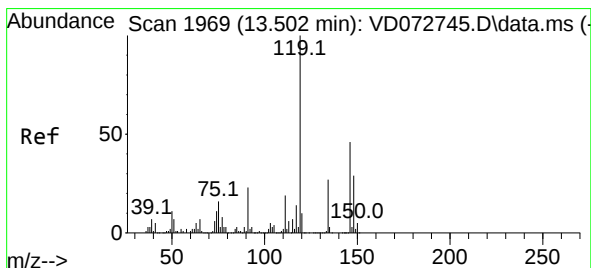
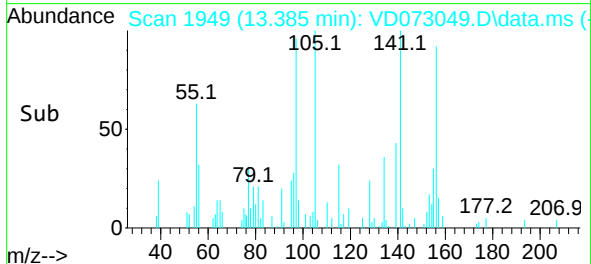
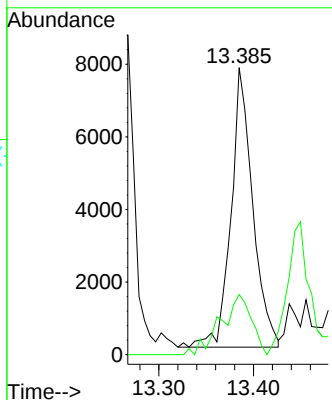
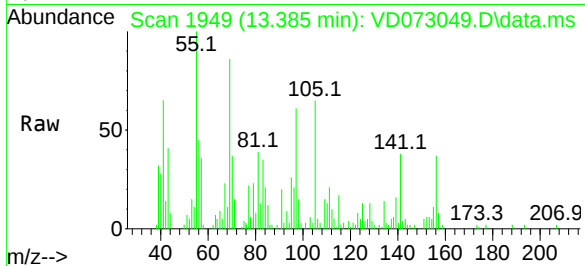




#85
 sec-Butylbenzene
 Concen: 7.560 ug/l
 RT: 13.385 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VD073049.D
 Acq: 16 May 2022 22:00

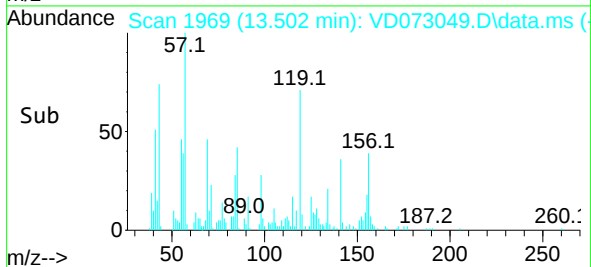
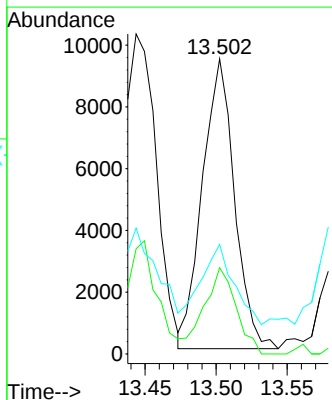
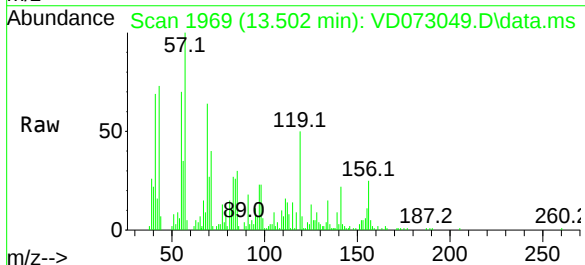
Instrument :
 MSVOA_D
 ClientSampleId :
 WC-14A-TP-5R

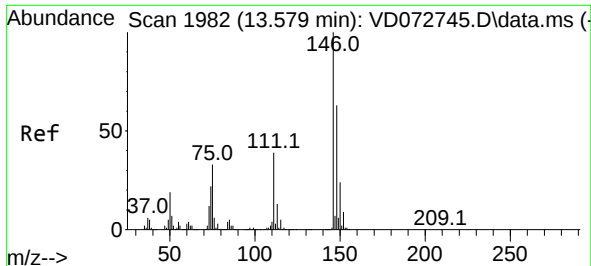
Tgt Ion:105 Resp: 12308
 Ion Ratio Lower Upper
 105 100
 134 30.2 9.8 29.3#



#86
 p-Isopropyltoluene
 Concen: 11.065 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073049.D
 Acq: 16 May 2022 22:00

Tgt Ion:119 Resp: 14769
 Ion Ratio Lower Upper
 119 100
 134 30.1 12.9 38.6
 91 28.4 12.1 36.3

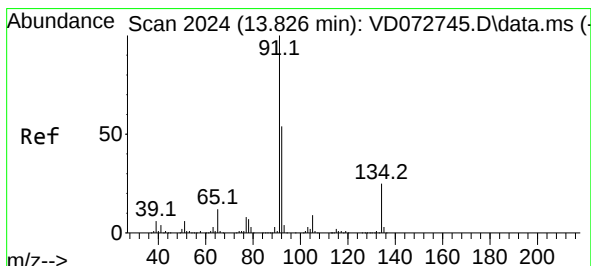
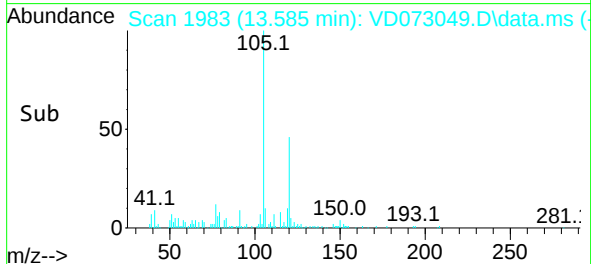
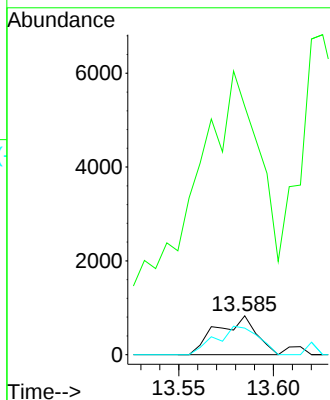
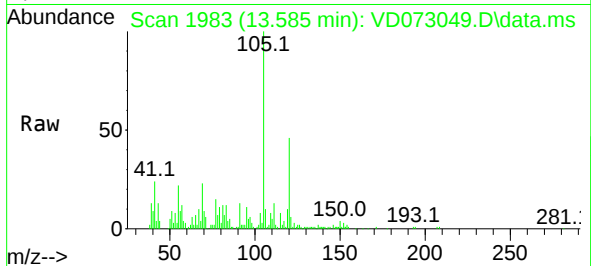




#88
1,4-Dichlorobenzene
Concen: 1.673 ug/l
RT: 13.585 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

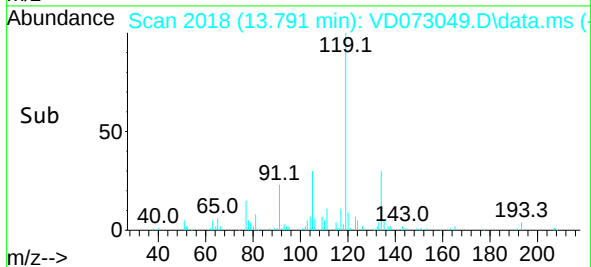
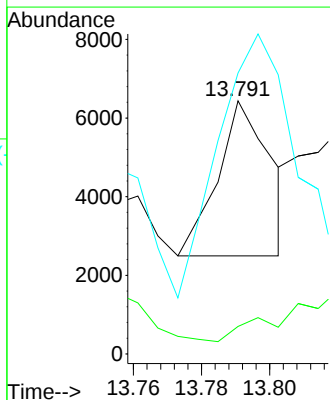
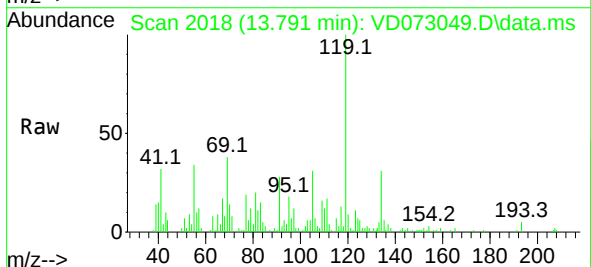
Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

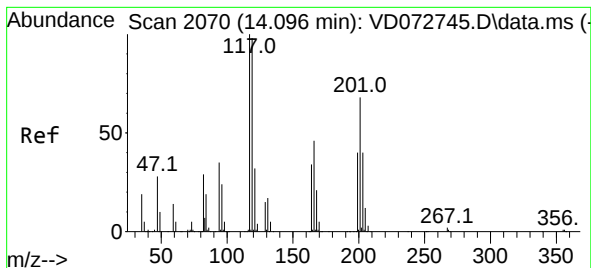
Tgt Ion:146 Resp: 1193
Ion Ratio Lower Upper
146 100
111 680.0 20.3 60.9#
148 78.5 31.7 95.1



#89
n-Butylbenzene
Concen: 3.272 ug/l
RT: 13.791 min Scan# 2018
Delta R.T. -0.035 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion: 91 Resp: 4231
Ion Ratio Lower Upper
91 100
92 0.0 26.6 79.8#
134 384.4 12.3 36.9#





#90

Hexachloroethane

Concen: 15.693 ug/l

RT: 14.102 min Scan# 2070

Delta R.T. 0.006 min

Lab File: VD073049.D

Acq: 16 May 2022 22:00

Instrument :

MSVOA_D

ClientSampleId :

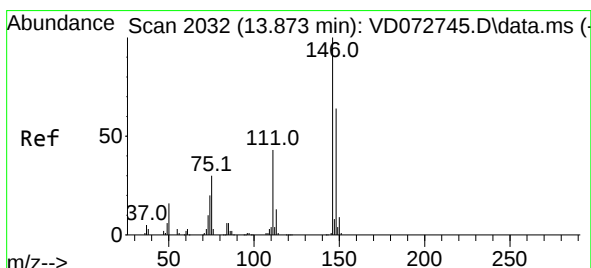
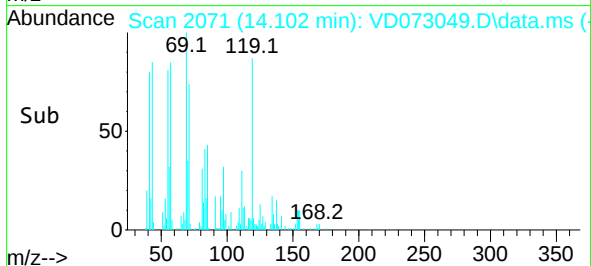
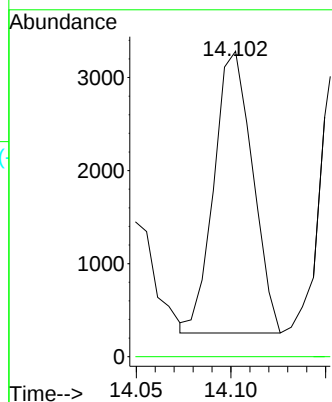
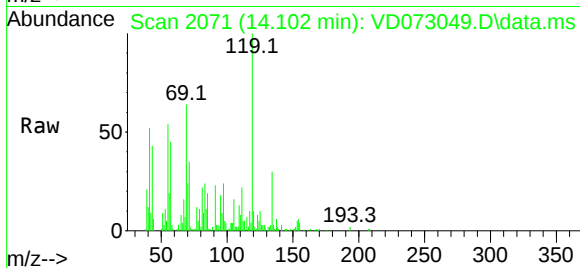
WC-14A-TP-5R

Tgt Ion:117 Resp: 4291

Ion Ratio Lower Upper

117 100

201 0.0 33.4 100.2#



#91

1,2-Dichlorobenzene

Concen: 4.929 ug/l

RT: 13.873 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD073049.D

Acq: 16 May 2022 22:00

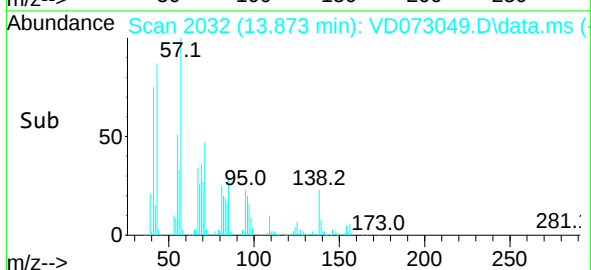
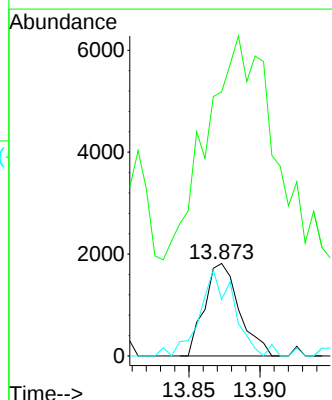
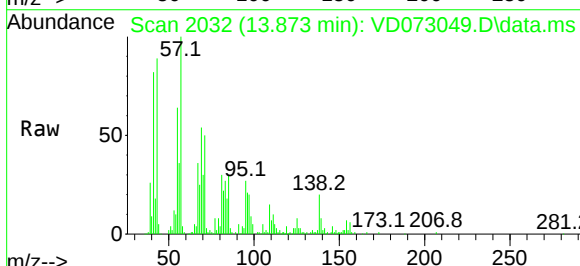
Tgt Ion:146 Resp: 3077

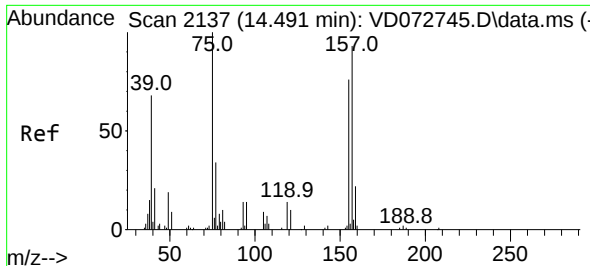
Ion Ratio Lower Upper

146 100

111 501.2 21.1 63.3#

148 91.1 31.7 95.1





#92

1,2-Dibromo-3-Chloropropane

Concen: 12.898 ug/l

RT: 14.544 min Scan# 2137

Delta R.T. 0.053 min

Lab File: VD073049.D

Acq: 16 May 2022 22:00

Instrument :

MSVOA_D

ClientSampleId :

WC-14A-TP-5R

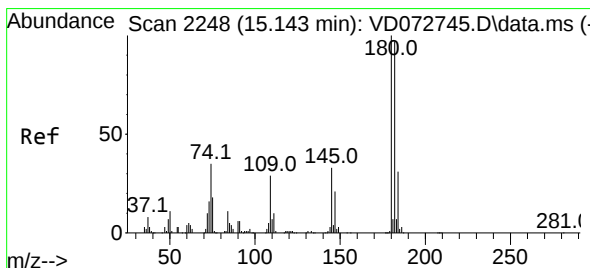
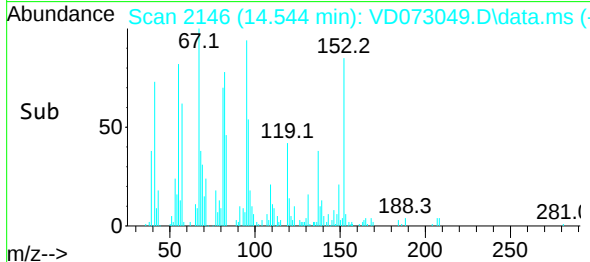
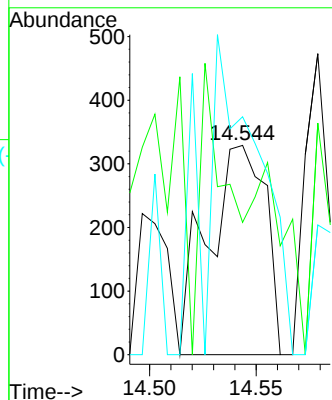
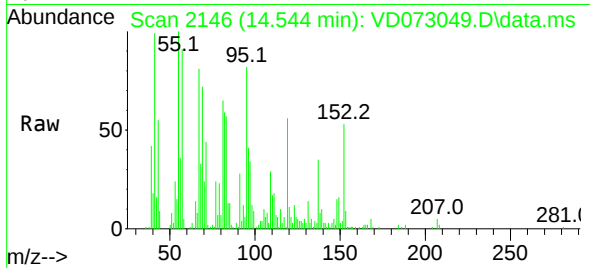
Tgt Ion: 75 Resp: 618

Ion Ratio Lower Upper

75 100

155 68.4 36.8 110.3

157 143.2 48.4 145.0



#93

1,2,4-Trichlorobenzene

Concen: 1.339 ug/l

RT: 15.155 min Scan# 2250

Delta R.T. 0.012 min

Lab File: VD073049.D

Acq: 16 May 2022 22:00

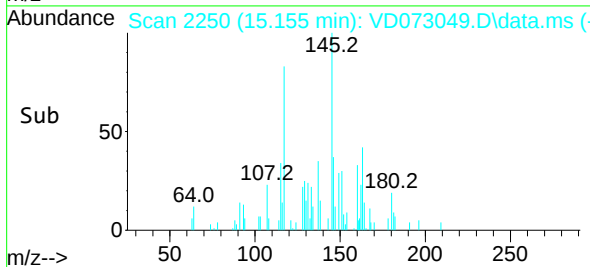
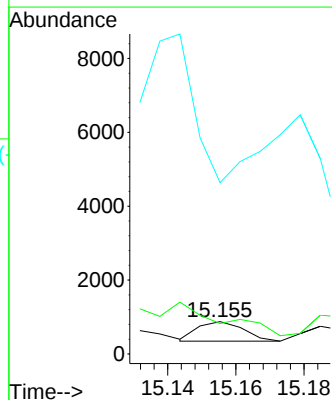
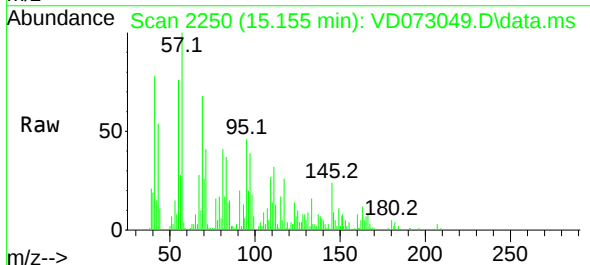
Tgt Ion: 180 Resp: 495

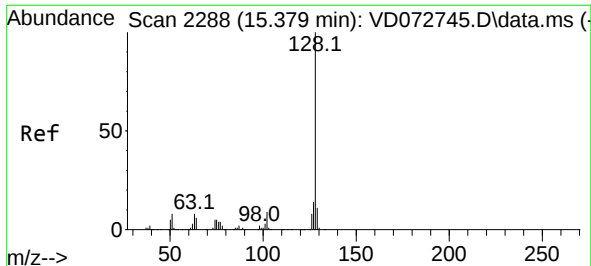
Ion Ratio Lower Upper

180 100

182 432.5 47.3 142.0#

145 3221.6 16.2 48.5#

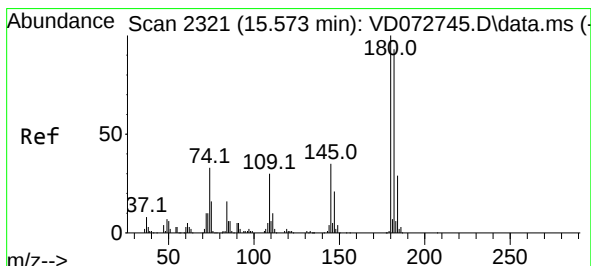
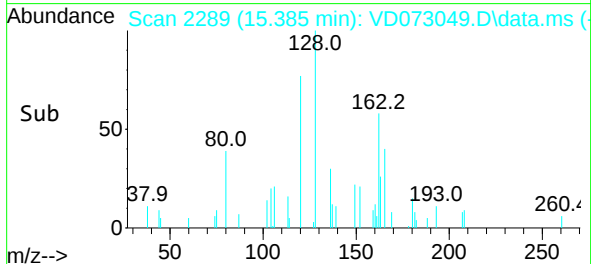
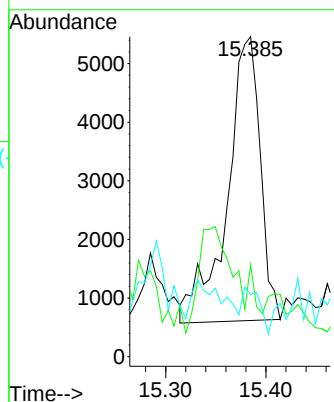
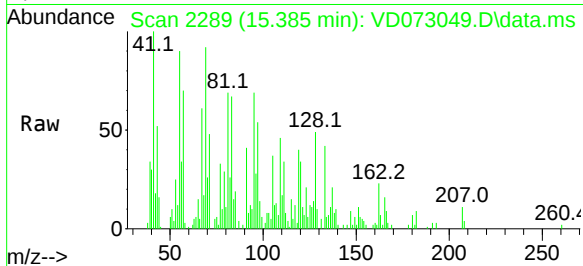




#95
Naphthalene
Concen: 16.335 ug/l
RT: 15.385 min Scan# 21103
Delta R.T. 0.006 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Instrument :
MSVOA_D
ClientSampleId :
WC-14A-TP-5R

Tgt Ion:128 Resp: 11103
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 8.3 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 3.030 ug/l
RT: 15.691 min Scan# 2341
Delta R.T. 0.118 min
Lab File: VD073049.D
Acq: 16 May 2022 22:00

Tgt Ion:180 Resp: 993
Ion Ratio Lower Upper
180 100
182 139.6 47.6 142.9
145 43.3 17.1 51.3

