

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082622\
 Data File : VD074233.D
 Acq On : 26 Aug 2022 13:31
 Operator : VA/SY
 Sample : VD0826SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 26 15:59:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

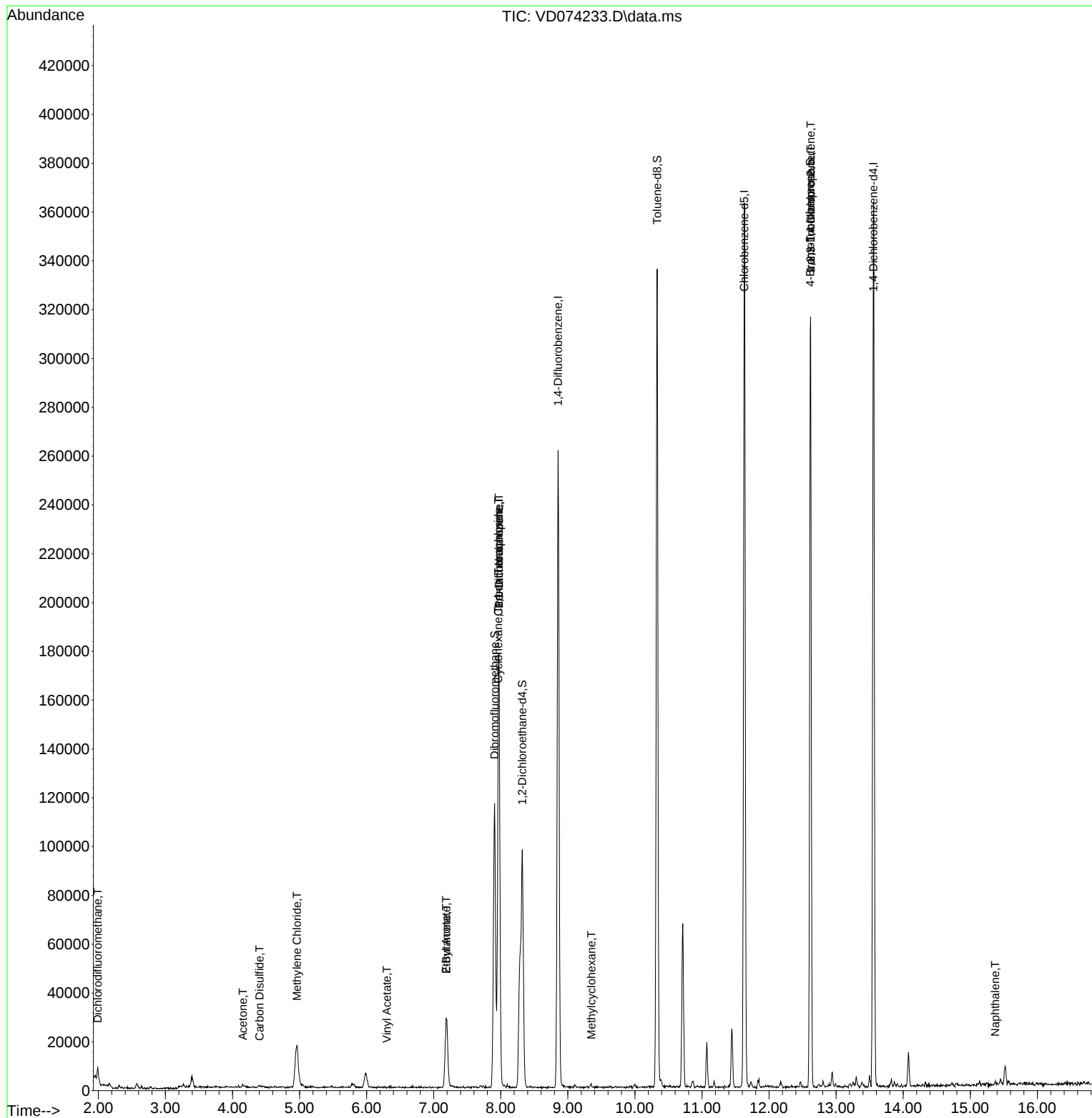
Internal Standards						
1) Pentafluorobenzene	7.973	168	133082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	220893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	209674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	103506	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	72082	53.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.020%	
35) Dibromofluoromethane	7.908	113	82118	55.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.332	98	224368	47.183	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.360%	
62) 4-Bromofluorobenzene	12.614	95	95640	50.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.820%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	4773	4.274	ug/l	88
16) Acetone	4.156	43	1369	5.284	ug/l #	88
17) Carbon Disulfide	4.403	76	469	2.119	ug/l #	74
18) Methyl Acetate	4.691	43	56	Below Cal	#	55
20) Methylene Chloride	4.961	84	13779	2.888	ug/l	84
23) Vinyl Acetate	6.303	43	71	10.102	ug/l #	75
25) 2-Butanone	7.185	43	1202	2.997	ug/l #	52
31) Cyclohexane	7.961	56	3654	1.510	ug/l #	9
36) 1,1-Dichloropropene	7.973	75	11103	4.972	ug/l #	50
37) Ethyl Acetate	7.185	43	1202	1.365	ug/l #	1
38) Carbon Tetrachloride	7.967	117	13709	5.715	ug/l #	17
39) Methylcyclohexane	9.349	83	621	2.425	ug/l	98
76) 1,2,3-Trichloropropane	12.620	75	48211	47.703	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	48211	122.674	ug/l #	7
95) Naphthalene	15.373	128	1076	3.687	ug/l #	70

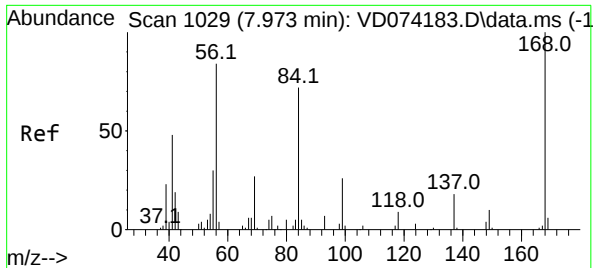
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD074233.D
Acq On : 26 Aug 2022 13:31
Operator : VA/SY
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Quant Time: Aug 26 15:59:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 23 13:12:17 2022
Response via : Initial Calibration

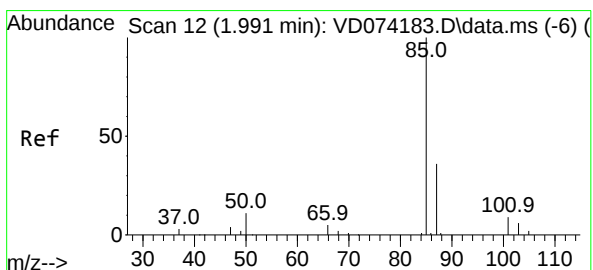
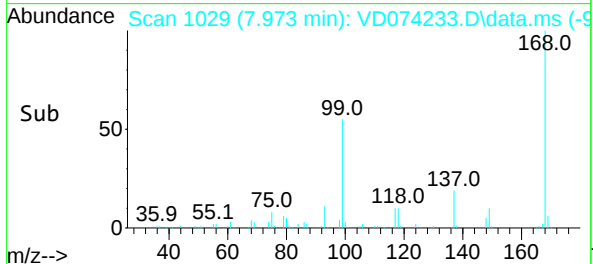
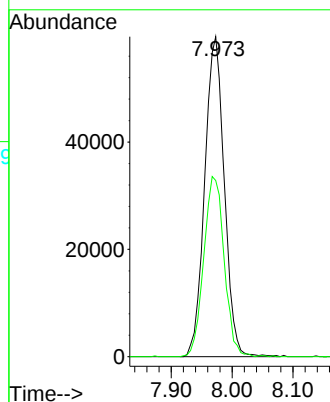
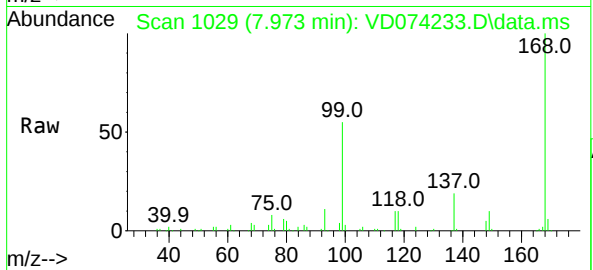




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

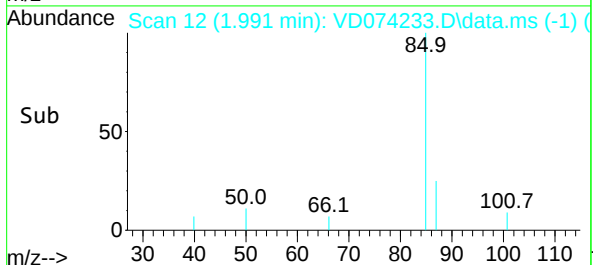
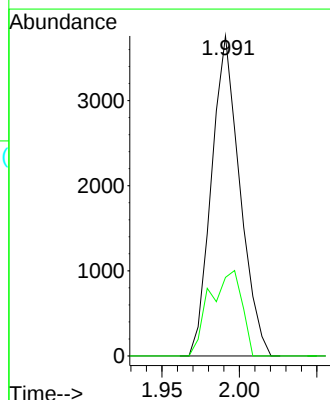
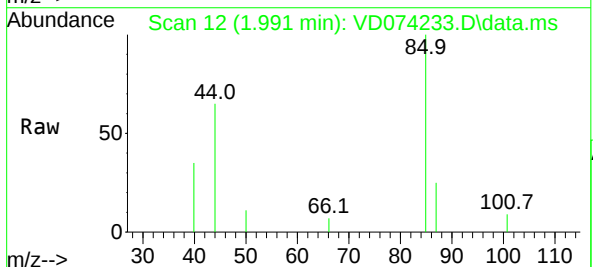
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

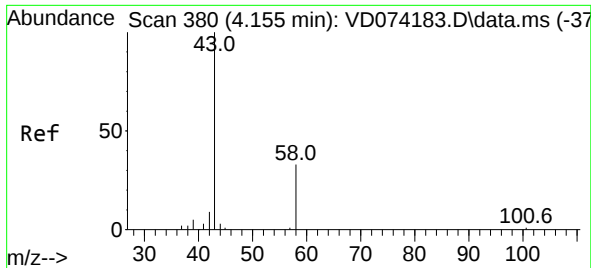
Tgt Ion:168 Resp: 133082
Ion Ratio Lower Upper
168 100
99 55.1 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 4.274 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

Tgt Ion: 85 Resp: 4773
Ion Ratio Lower Upper
85 100
87 24.6 15.7 47.0

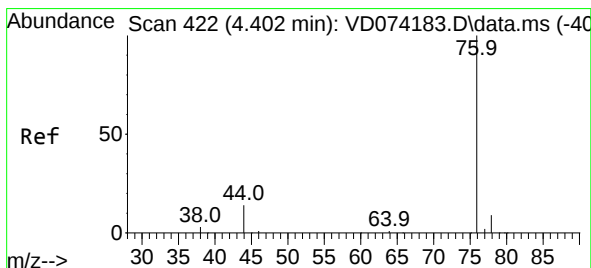
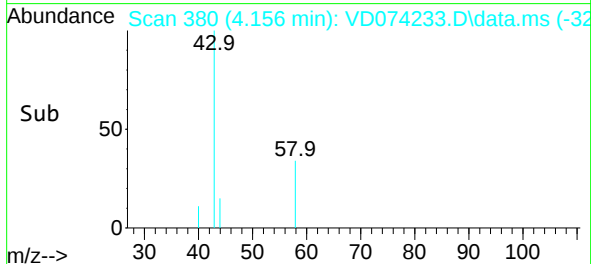
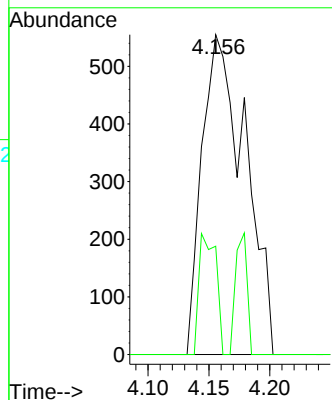
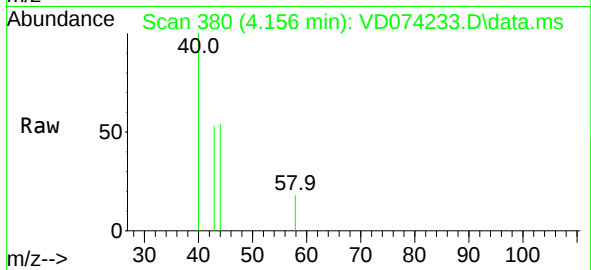




#16
Acetone
Concen: 5.284 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.001 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

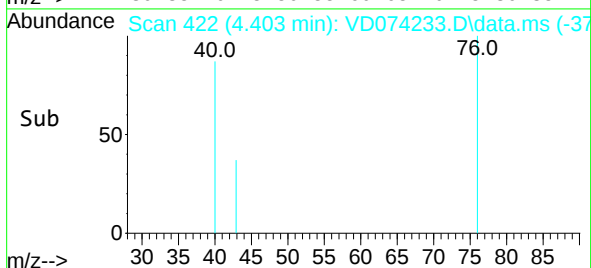
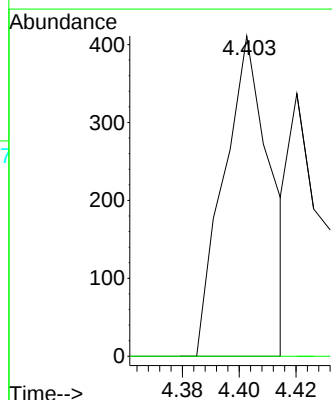
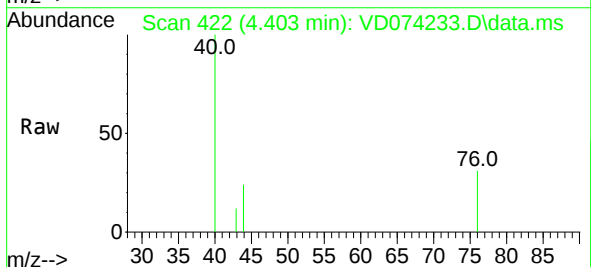
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

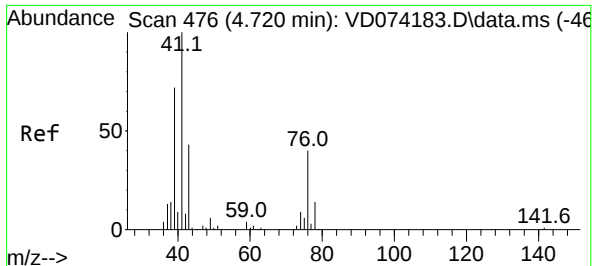
Tgt Ion: 43 Resp: 1369
Ion Ratio Lower Upper
43 100
58 33.9 22.1 33.1#



#17
Carbon Disulfide
Concen: 2.119 ug/l
RT: 4.403 min Scan# 422
Delta R.T. 0.001 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

Tgt Ion: 76 Resp: 469
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.691 min Scan# 41

Delta R.T. -0.029 min

Lab File: VD074233.D

Acq: 26 Aug 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

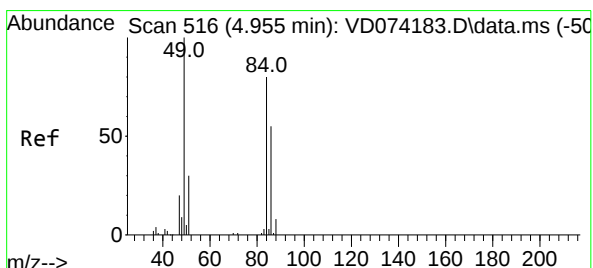
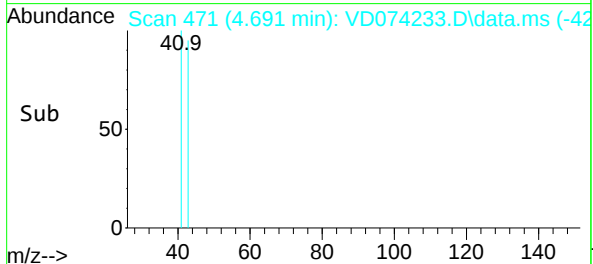
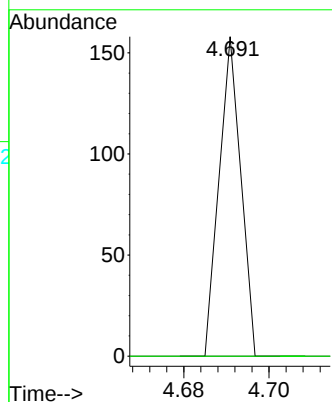
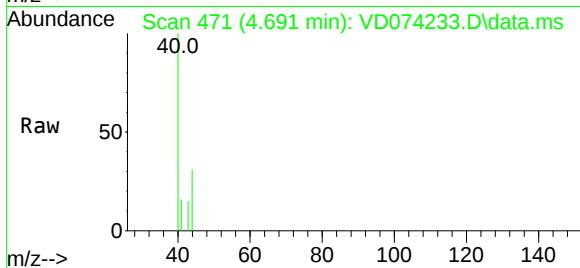
VSTDCCC050

Tgt Ion: 43 Resp: 56

Ion Ratio Lower Upper

43 100

74 0.0 16.7 25.1#



#20

Methylene Chloride

Concen: 2.888 ug/l

RT: 4.961 min Scan# 517

Delta R.T. 0.006 min

Lab File: VD074233.D

Acq: 26 Aug 2022 13:31

Tgt Ion: 84 Resp: 13779

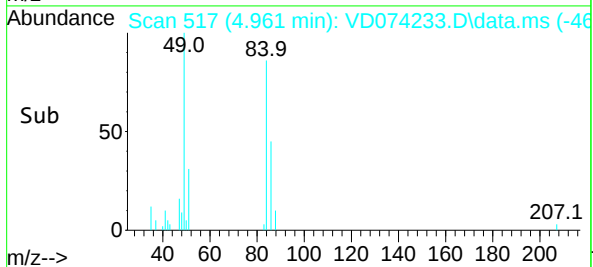
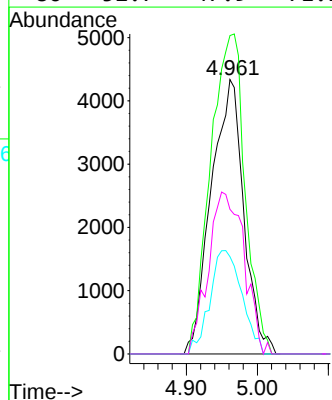
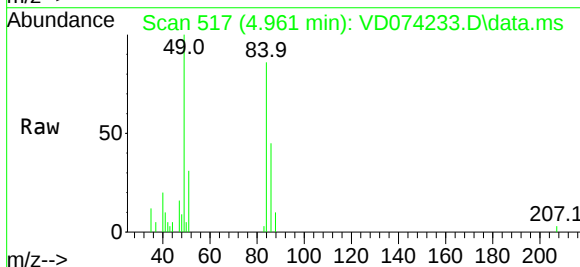
Ion Ratio Lower Upper

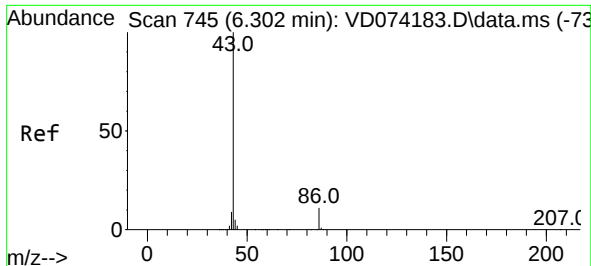
84 100

49 116.1 112.8 169.2

51 35.4 32.6 48.8

86 52.7 47.9 71.9

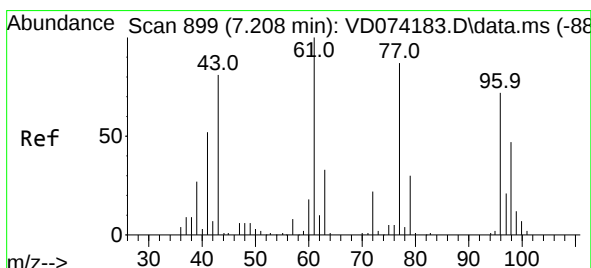
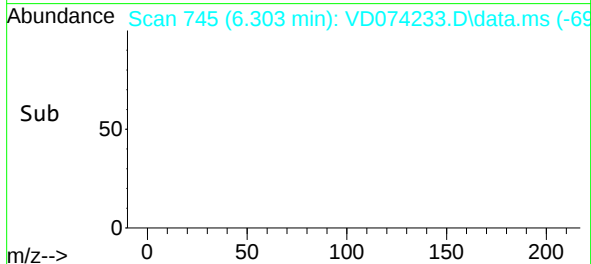
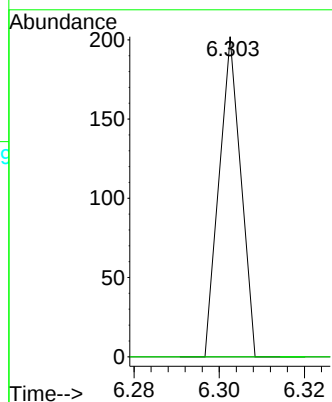
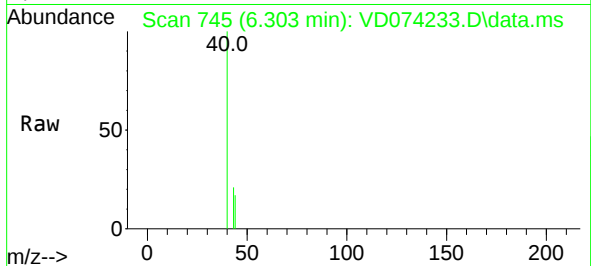




#23
 Vinyl Acetate
 Concen: 10.102 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.001 min
 Lab File: VD074233.D
 Acq: 26 Aug 2022 13:31

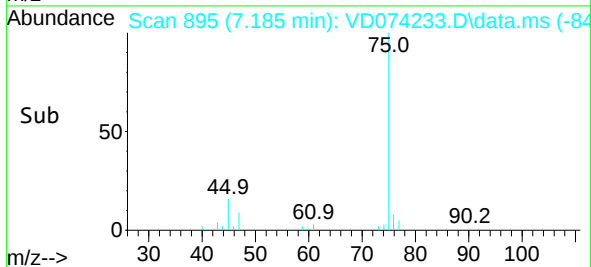
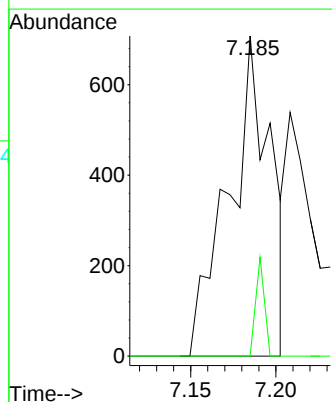
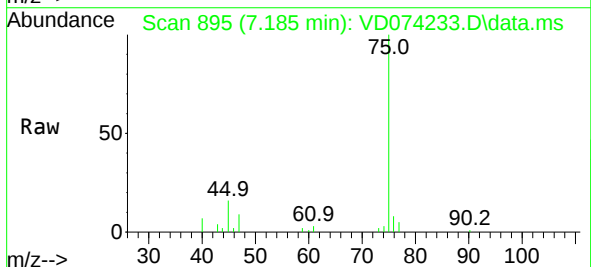
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

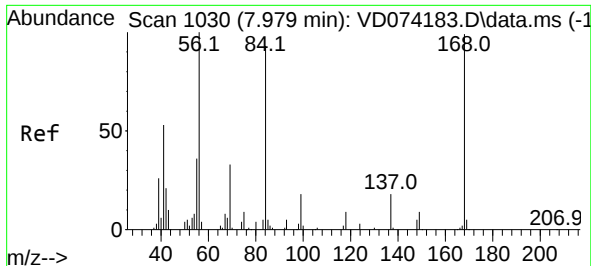
Tgt Ion: 43 Resp: 71
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 2.997 ug/l
 RT: 7.185 min Scan# 895
 Delta R.T. -0.023 min
 Lab File: VD074233.D
 Acq: 26 Aug 2022 13:31

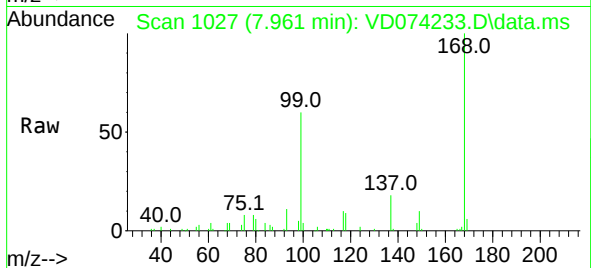
Tgt Ion: 43 Resp: 1202
 Ion Ratio Lower Upper
 43 100
 72 0.0 18.6 27.8#



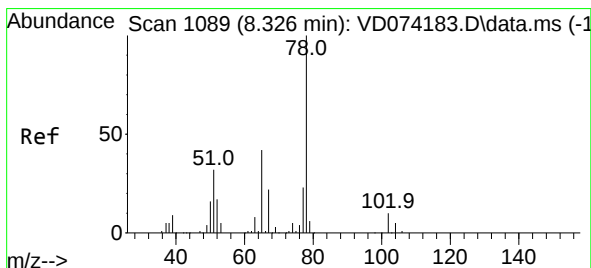
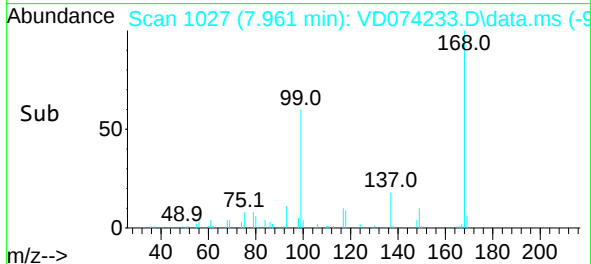
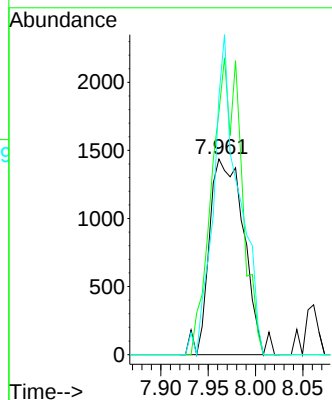


#31
Cyclohexane
Concen: 1.510 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.018 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

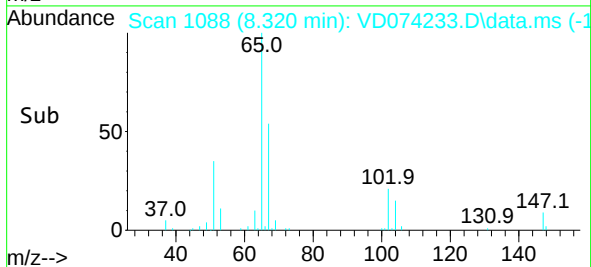
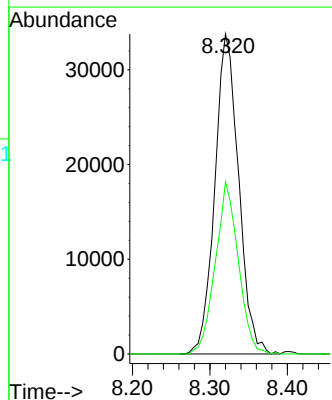
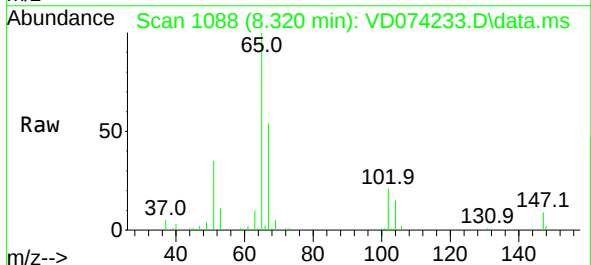


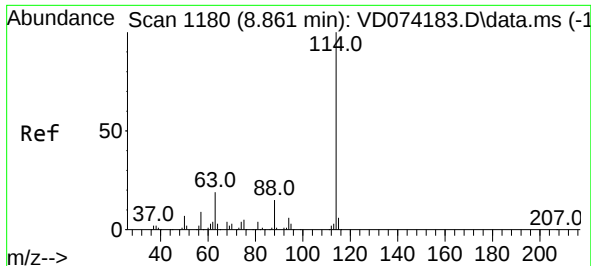
Tgt Ion: 56 Resp: 3654
Ion Ratio Lower Upper
56 100
69 123.9 25.4 38.2#
84 131.9 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 53.006 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

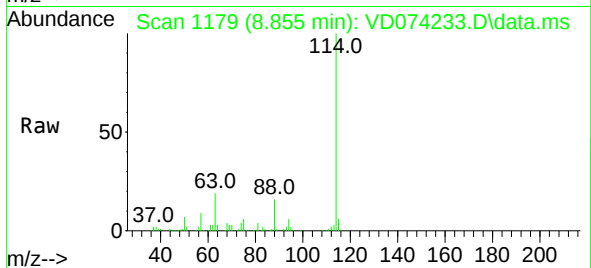
Tgt Ion: 65 Resp: 72082
Ion Ratio Lower Upper
65 100
67 52.1 0.0 101.4



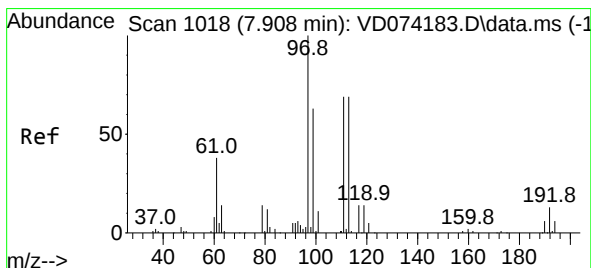
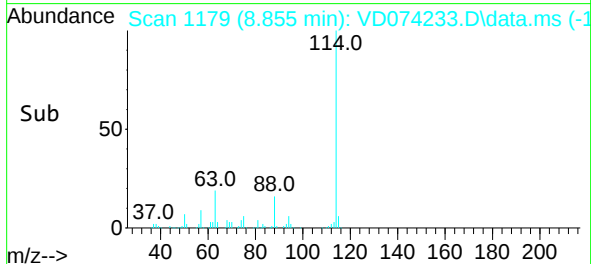
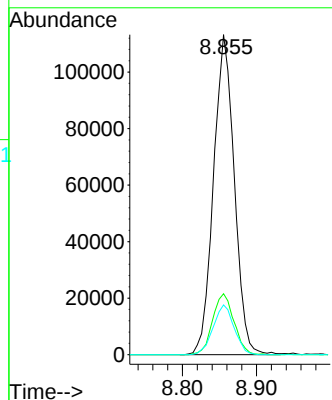


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

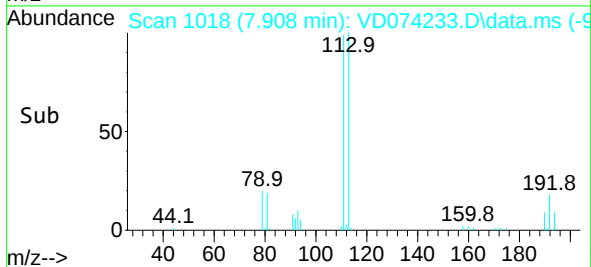
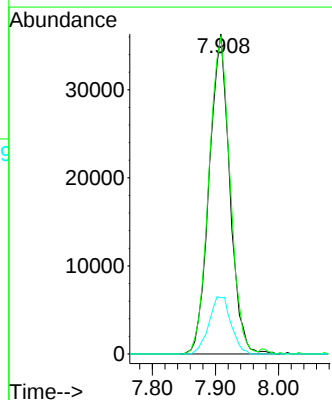
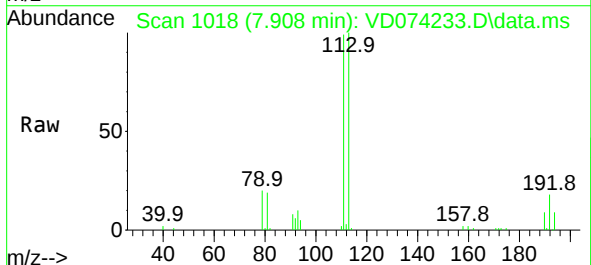


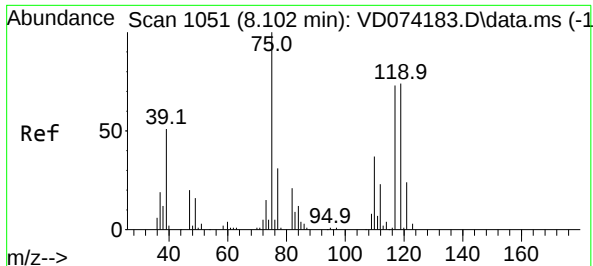
Tgt Ion:114 Resp: 220893
Ion Ratio Lower Upper
114 100
63 19.1 0.0 46.6
88 15.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 55.578 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

Tgt Ion:113 Resp: 82118
Ion Ratio Lower Upper
113 100
111 102.5 83.8 125.6
192 19.1 14.6 21.8





#36

1,1-Dichloropropene

Concen: 4.972 ug/l

RT: 7.973 min Scan# 1

Delta R.T. -0.129 min

Lab File: VD074233.D

Acq: 26 Aug 2022 13:31

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

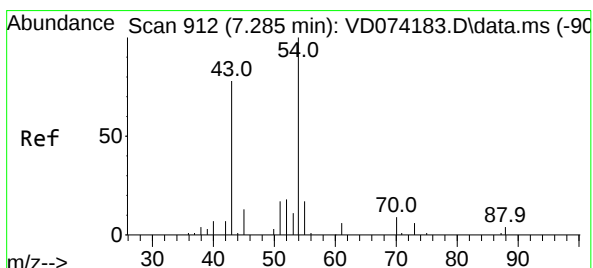
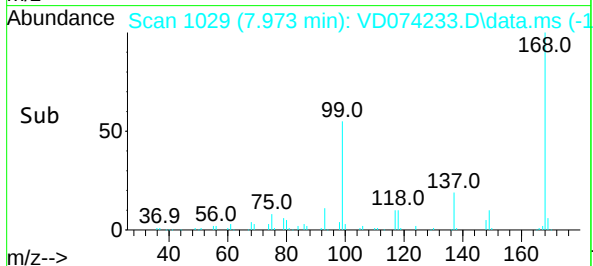
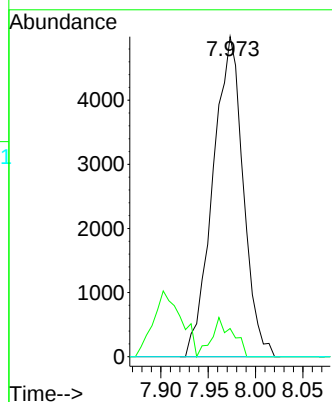
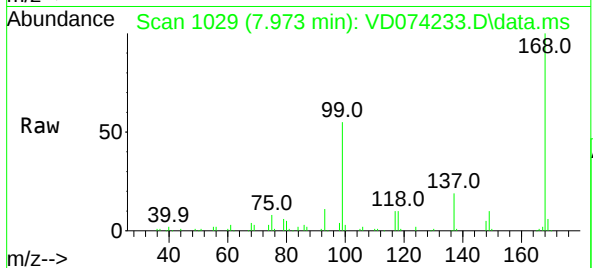
Tgt Ion: 75 Resp: 11103

Ion Ratio Lower Upper

75 100

110 8.0 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 1.365 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.100 min

Lab File: VD074233.D

Acq: 26 Aug 2022 13:31

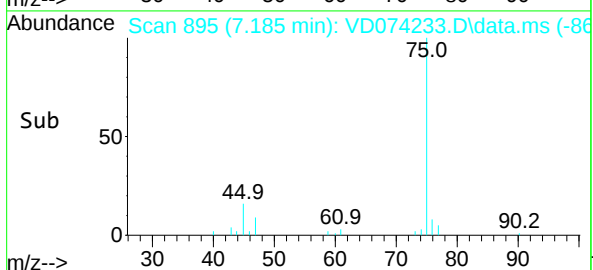
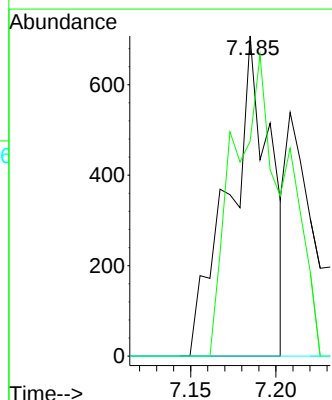
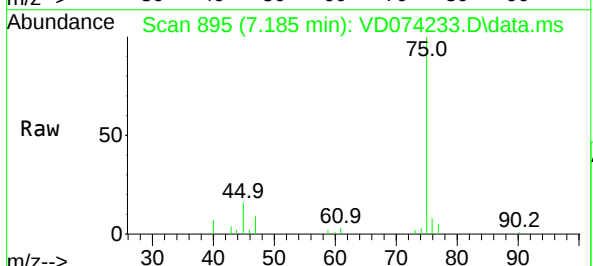
Tgt Ion: 43 Resp: 1202

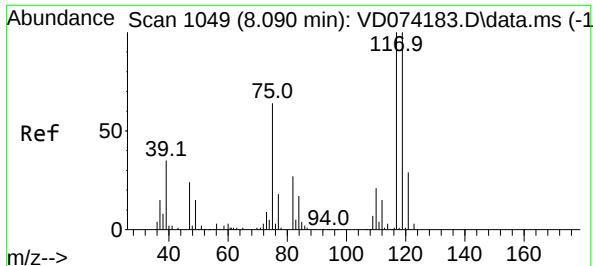
Ion Ratio Lower Upper

43 100

61 118.1 9.8 14.8#

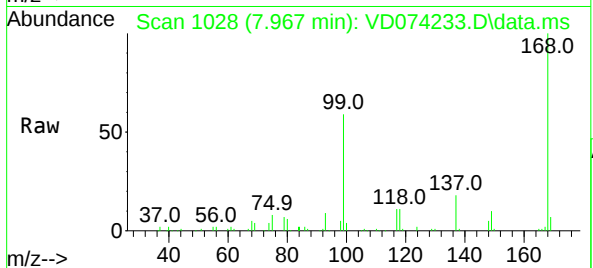
70 0.0 6.9 10.3#



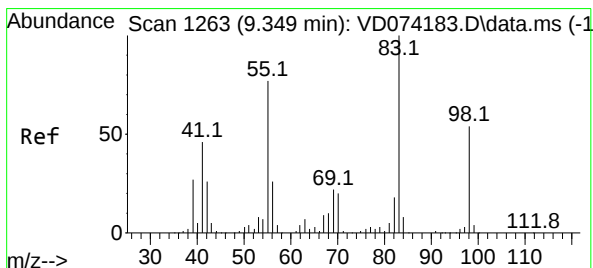
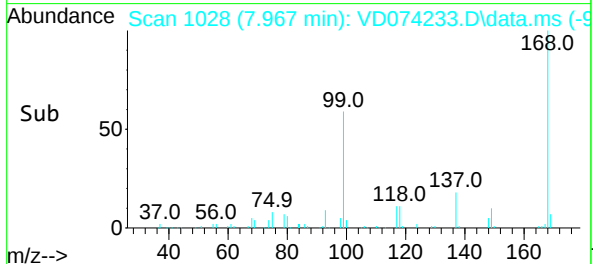
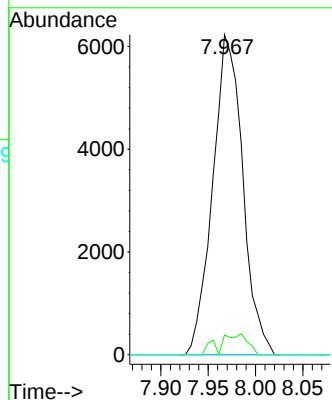


#38
Carbon Tetrachloride
Concen: 5.715 ug/l
RT: 7.967 min Scan# 1049
Delta R.T. -0.123 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

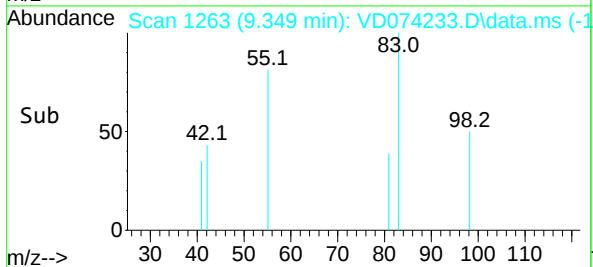
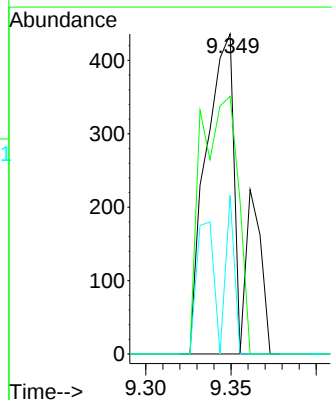
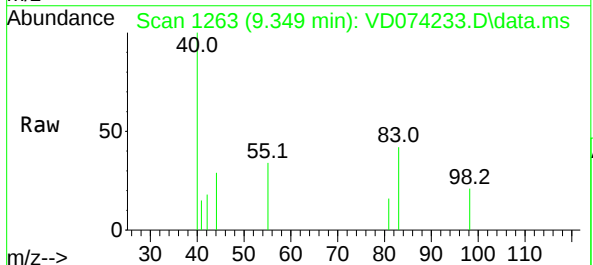


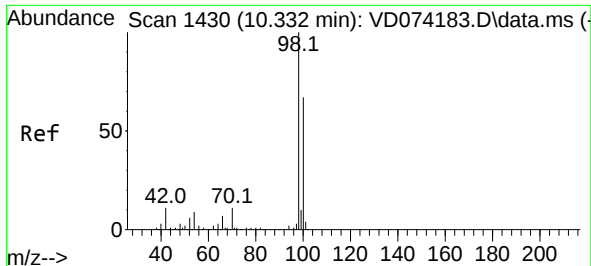
Tgt Ion:117 Resp: 13709
Ion Ratio Lower Upper
117 100
119 6.1 75.8 113.6#
121 0.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 2.425 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

Tgt Ion: 83 Resp: 621
Ion Ratio Lower Upper
83 100
55 80.5 63.2 94.8
98 49.5 38.2 57.4

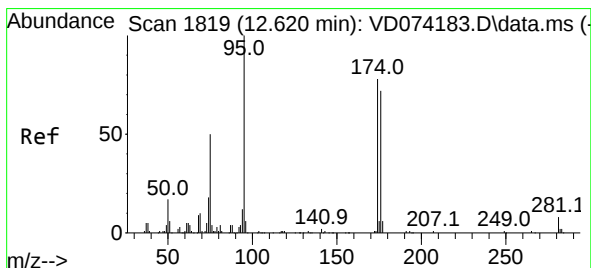
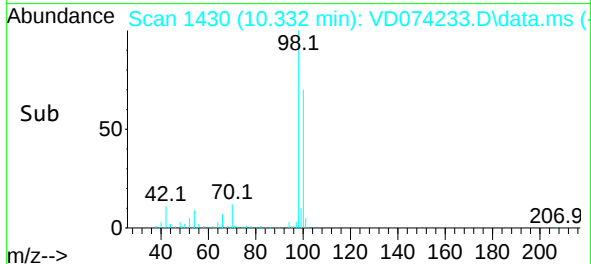
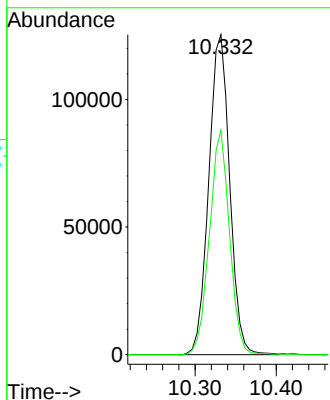
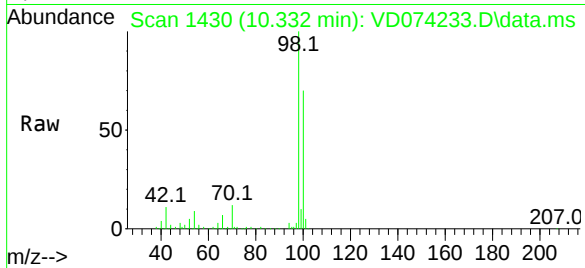




#50
Toluene-d8
Concen: 47.183 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

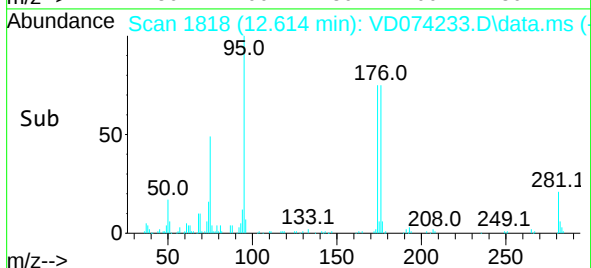
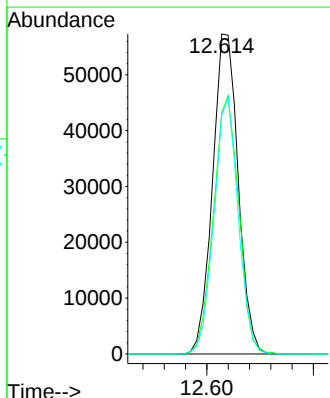
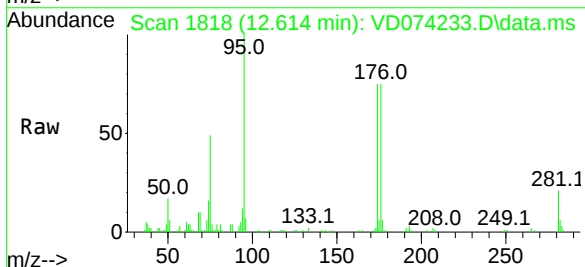
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

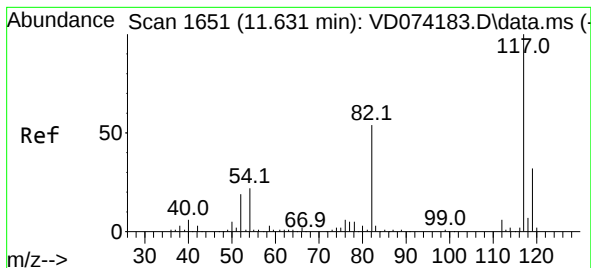
Tgt Ion: 98 Resp: 224368
Ion Ratio Lower Upper
98 100
100 67.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 50.910 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

Tgt Ion: 95 Resp: 95640
Ion Ratio Lower Upper
95 100
174 79.6 0.0 152.8
176 75.7 0.0 145.4

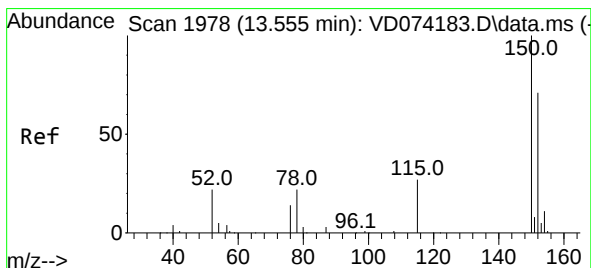
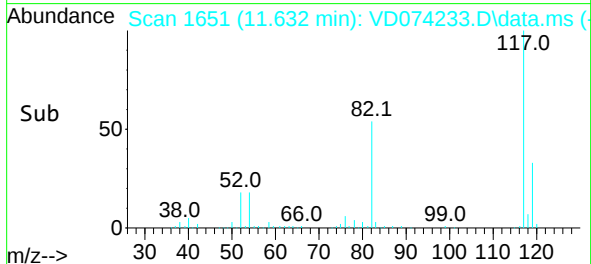
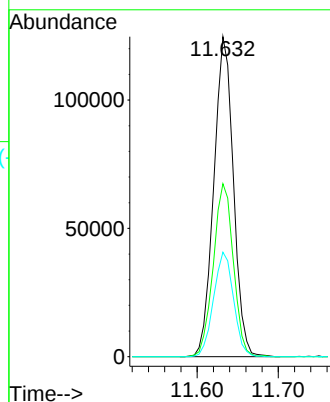
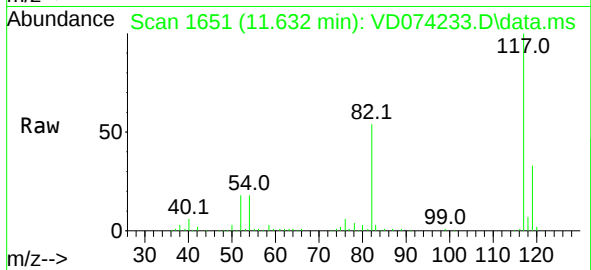




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1
Delta R.T. 0.001 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

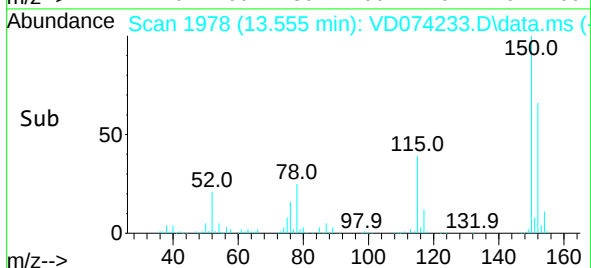
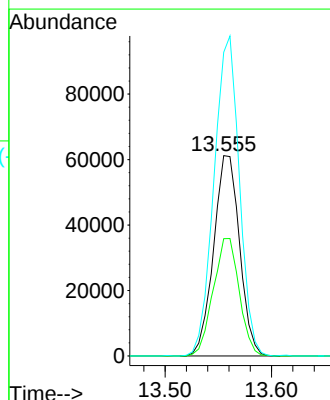
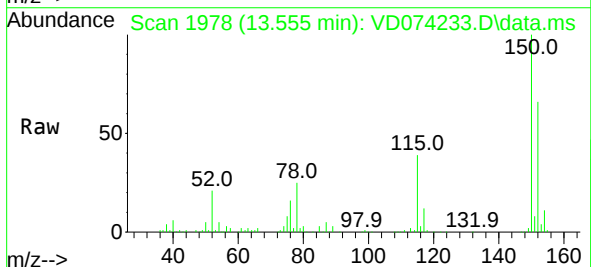
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

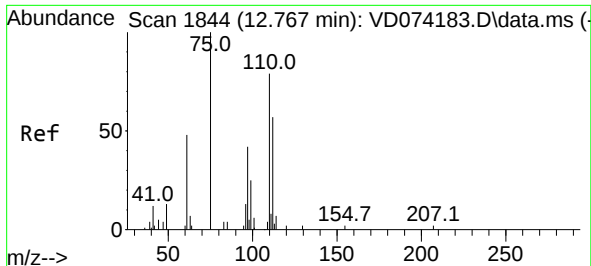
Tgt Ion:117 Resp: 209674
Ion Ratio Lower Upper
117 100
82 54.0 45.3 67.9
119 32.7 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

Tgt Ion:152 Resp: 103506
Ion Ratio Lower Upper
152 100
115 58.9 31.3 93.8
150 155.9 0.0 348.6

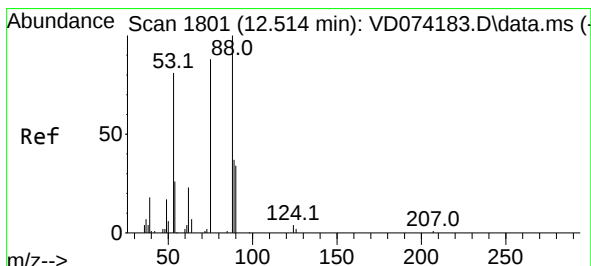
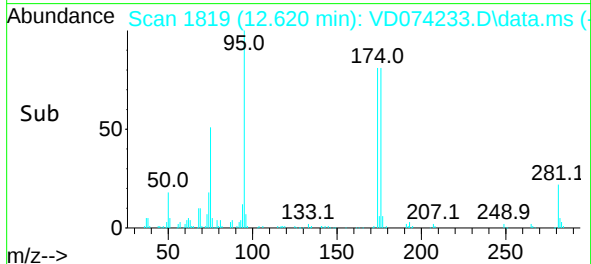
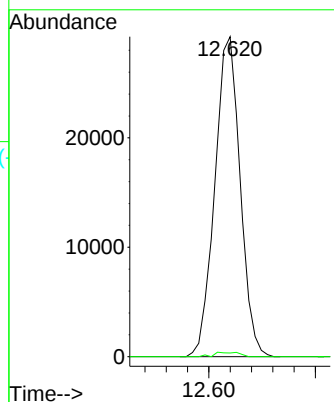
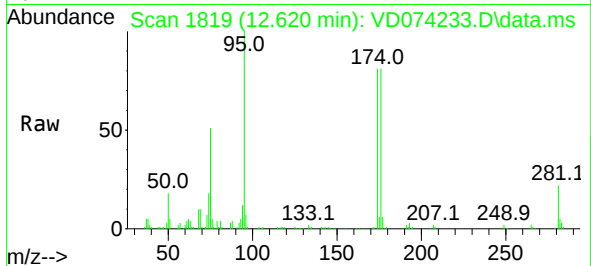




#76
1,2,3-Trichloropropane
Concen: 47.703 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

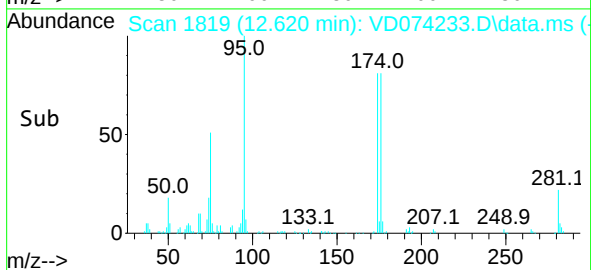
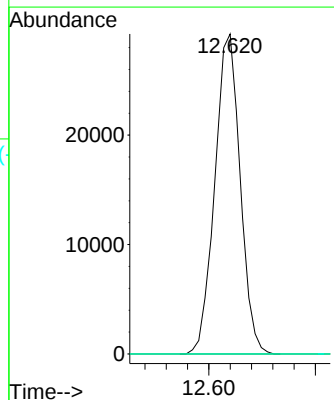
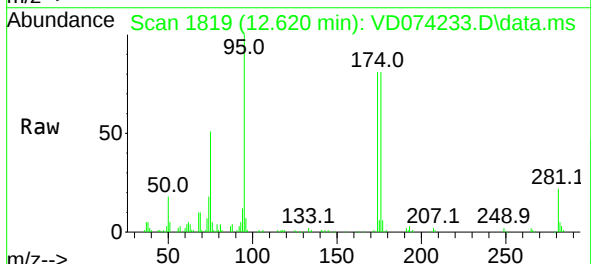
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

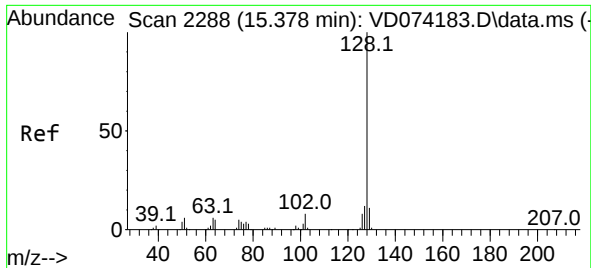
Tgt Ion: 75 Resp: 48211
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.674 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074233.D
Acq: 26 Aug 2022 13:31

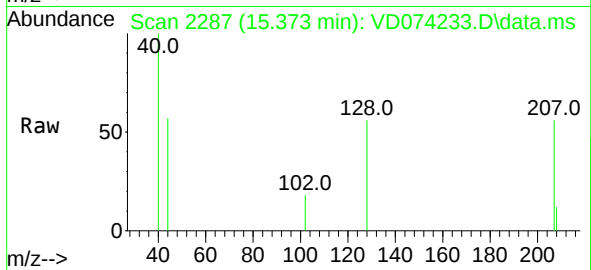
Tgt Ion: 75 Resp: 48211
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#





#95
 Naphthalene
 Concen: 3.687 ug/l
 RT: 15.373 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD074233.D
 Acq: 26 Aug 2022 13:31

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



Tgt Ion:	128	Resp:	1076
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.4	12.6#

