

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074203.D
 Acq On : 24 Aug 2022 01:31
 Operator : VA/SY
 Sample : N4260-02
 Misc : 5.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SASP2-T-4-(5-10)

Quant Time: Aug 24 06:25:41 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)

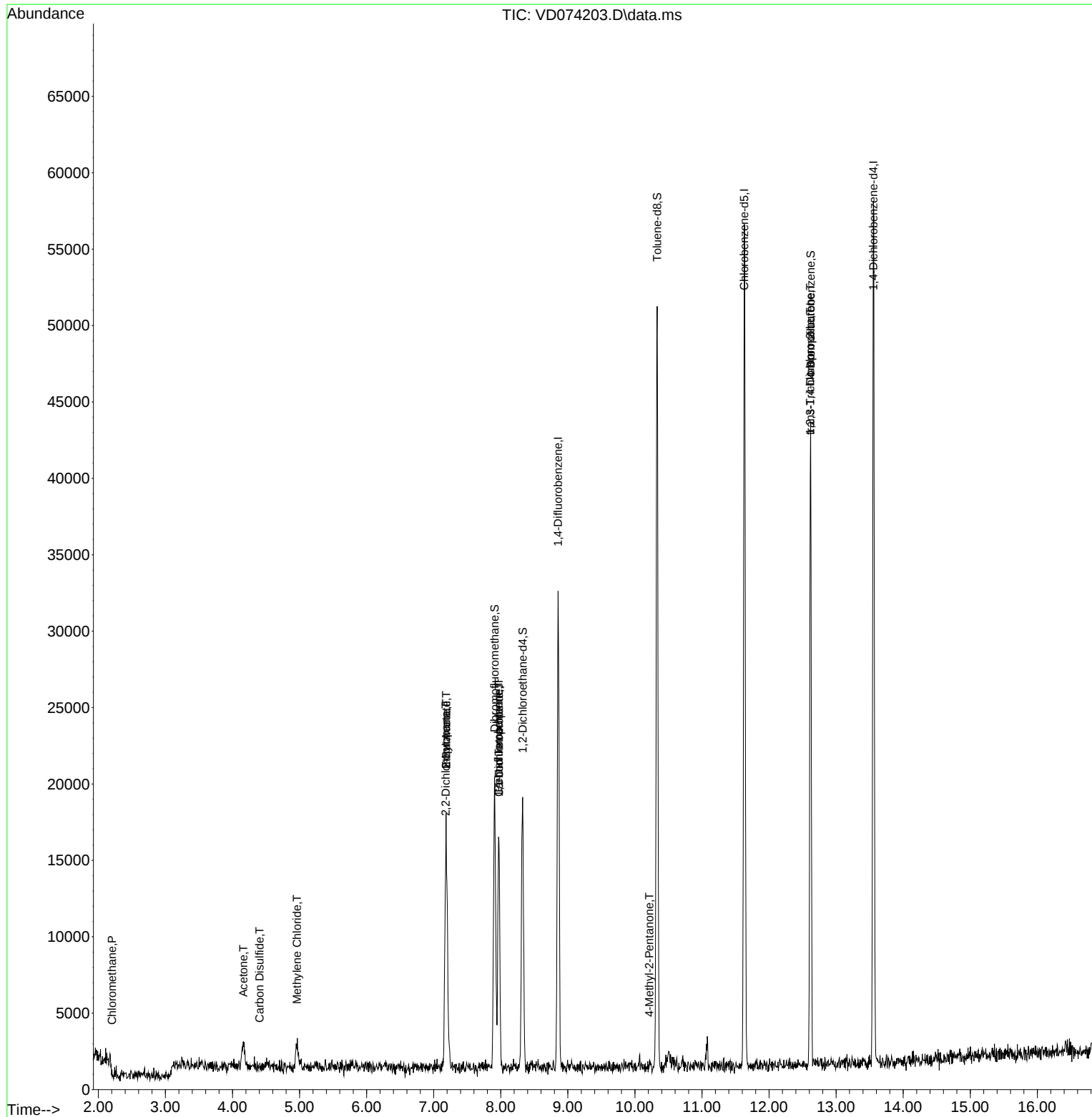
Internal Standards						
1) Pentafluorobenzene	7.967	168	10918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	25561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	32136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	15460	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	14534	130.274	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 260.540%#	
35) Dibromofluoromethane	7.908	113	12839	75.093	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 150.180%#	
50) Toluene-d8	10.332	98	34145	62.052	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 124.100%	
62) 4-Bromofluorobenzene	12.620	95	14784	68.008	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 136.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	81	1.241	ug/l #	40
16) Acetone	4.162	43	3288	154.691	ug/l	91
17) Carbon Disulfide	4.403	76	65	2.192	ug/l #	74
20) Methylene Chloride	4.961	84	1031	2.061	ug/l #	58
25) 2-Butanone	7.185	43	673	20.453	ug/l #	52
26) 2,2-Dichloropropane	7.179	77	678	3.300	ug/l #	54
36) 1,1-Dichloropropene	7.973	75	991	3.835	ug/l #	43
37) Ethyl Acetate	7.185	43	673	6.605	ug/l #	1
38) Carbon Tetrachloride	7.973	117	1345	4.845	ug/l #	13
51) 4-Methyl-2-Pentanone	10.214	43	167	1.631	ug/l #	39
76) 1,2,3-Trichloropropane	12.614	75	7230	47.895	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	7230	123.169	ug/l #	7

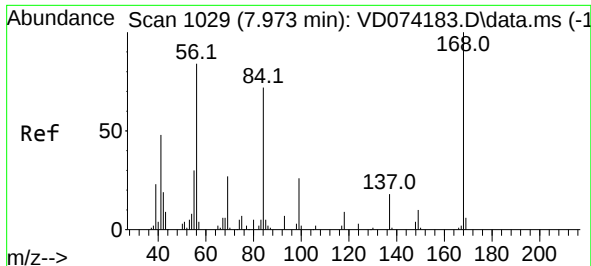
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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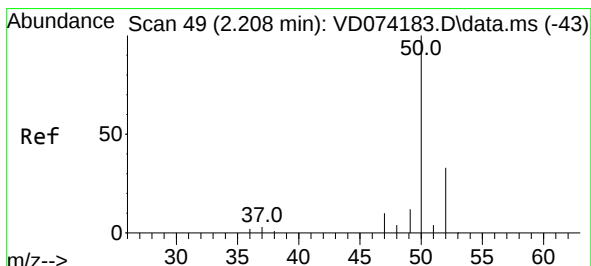
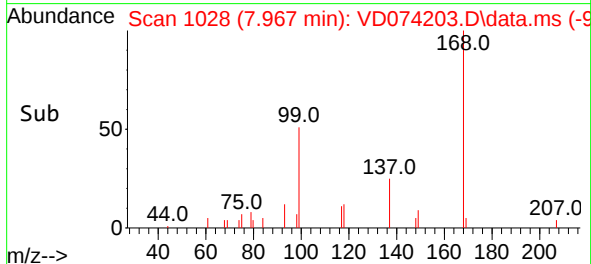
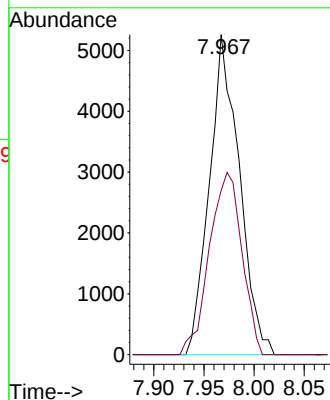
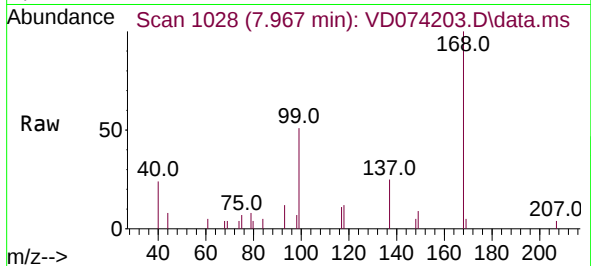




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

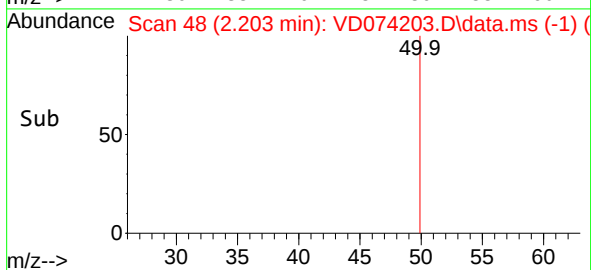
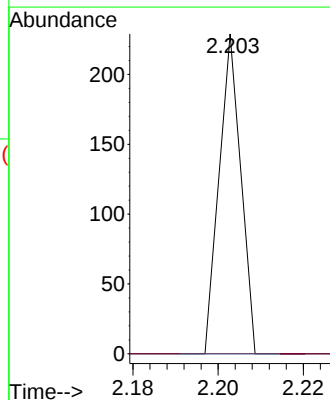
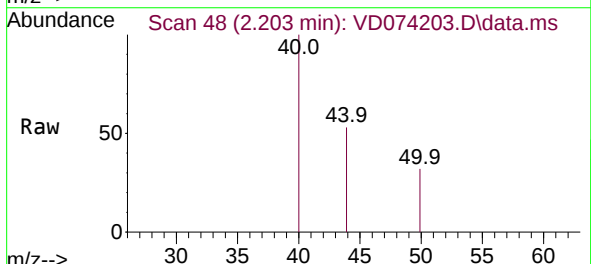
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(5-10)

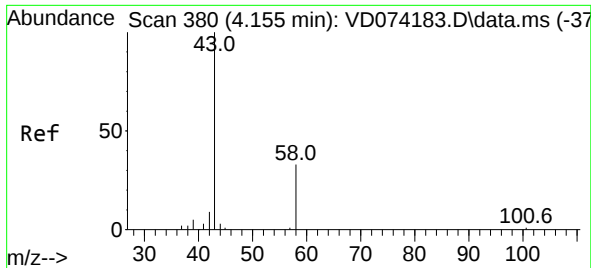
Tgt Ion:168 Resp: 10918
Ion Ratio Lower Upper
168 100
99 51.3 49.8 74.6



#3
Chloromethane
Concen: 1.241 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.005 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

Tgt Ion: 50 Resp: 81
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

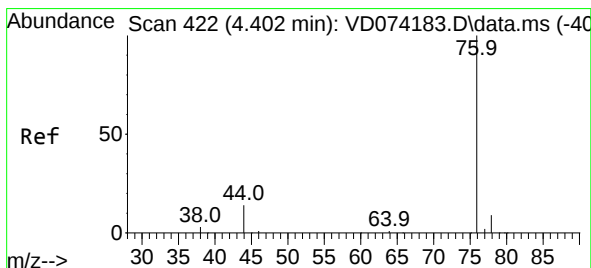
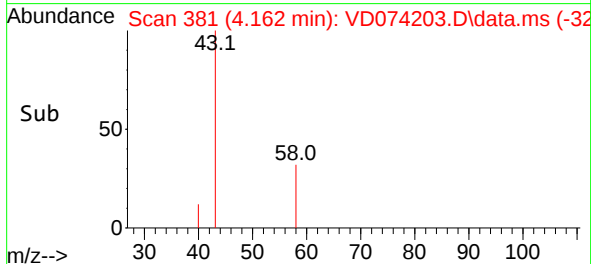
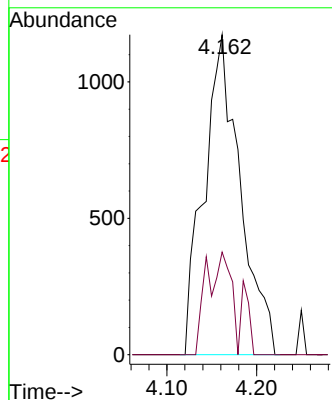
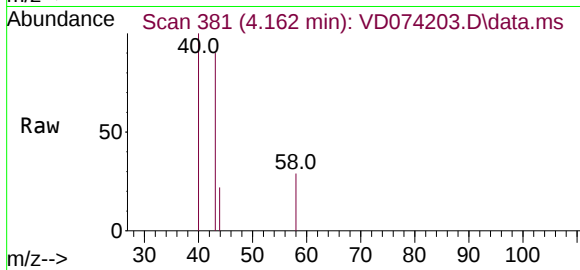




#16
Acetone
Concen: 154.691 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

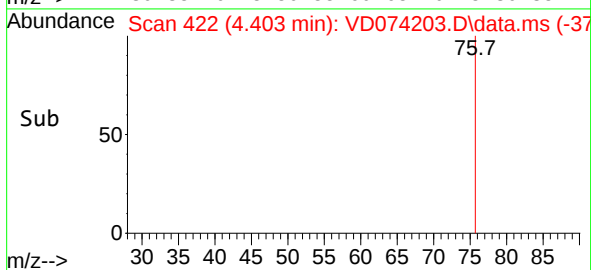
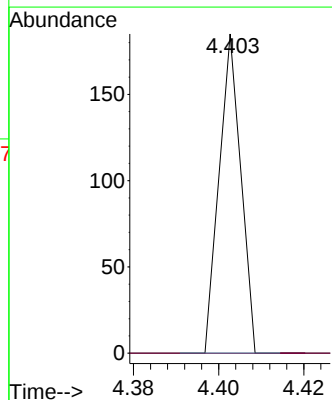
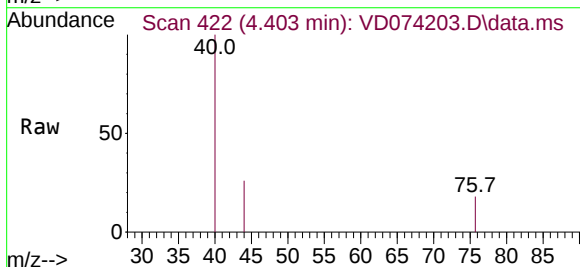
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(5-10)

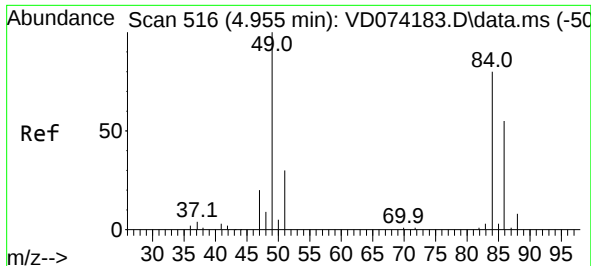
Tgt Ion: 43 Resp: 3288
Ion Ratio Lower Upper
43 100
58 32.1 22.1 33.1



#17
Carbon Disulfide
Concen: 2.192 ug/l
RT: 4.403 min Scan# 422
Delta R.T. 0.001 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

Tgt Ion: 76 Resp: 65
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

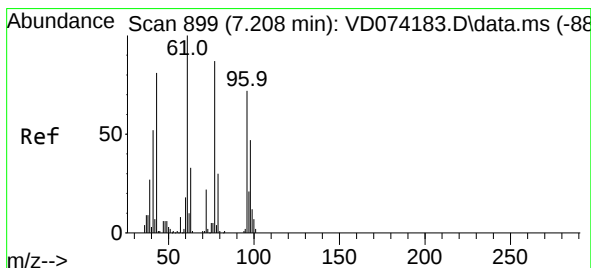
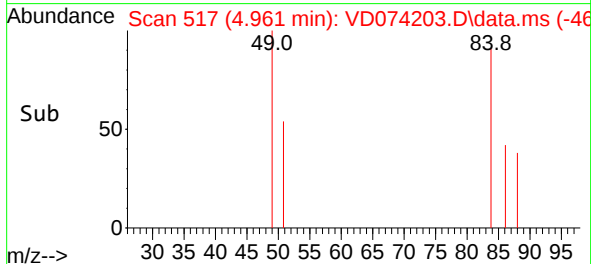
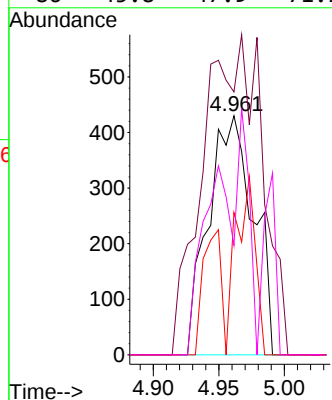
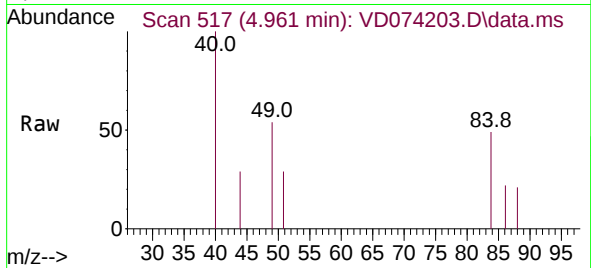




#20
Methylene Chloride
Concen: 2.061 ug/l
RT: 4.961 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

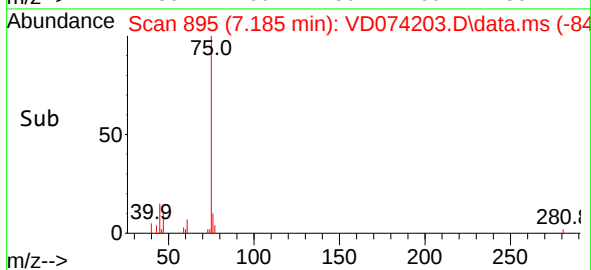
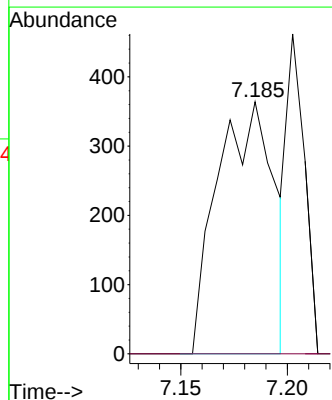
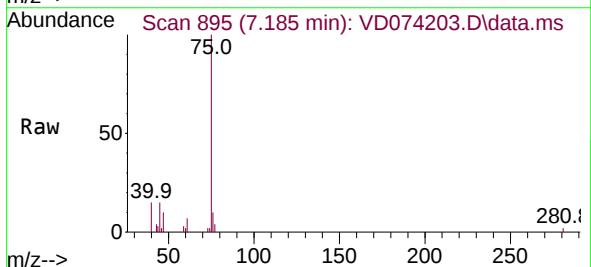
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(5-10)

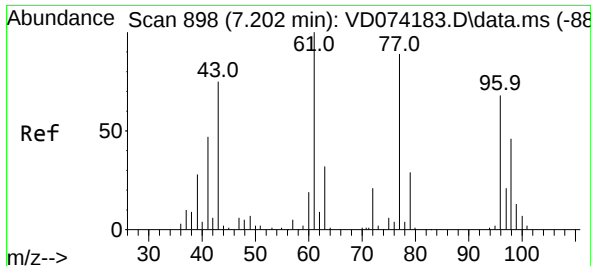
Tgt Ion: 84 Resp: 1031
Ion Ratio Lower Upper
84 100
49 74.0 112.8 169.2#
51 59.5 32.6 48.8#
86 45.8 47.9 71.9#



#25
2-Butanone
Concen: 20.453 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.023 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#

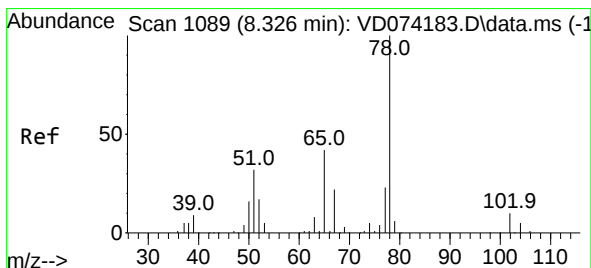
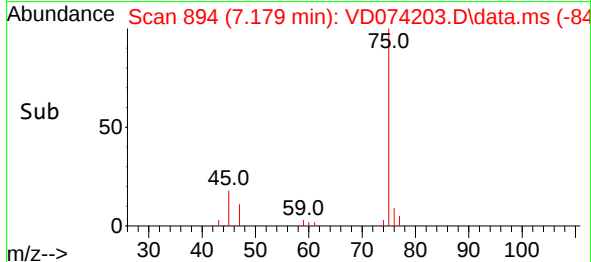
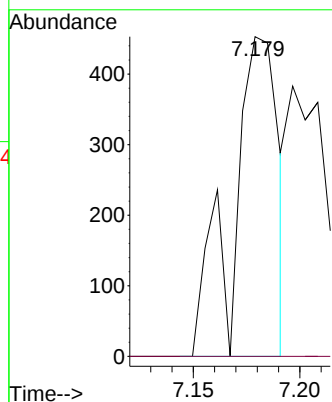
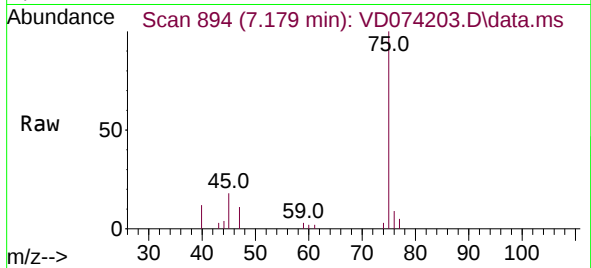




#26
2,2-Dichloropropane
Concen: 3.300 ug/l
RT: 7.179 min Scan# 894
Delta R.T. -0.023 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

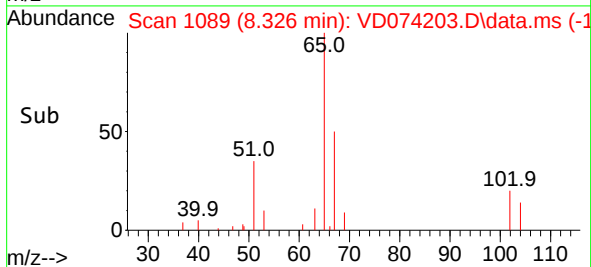
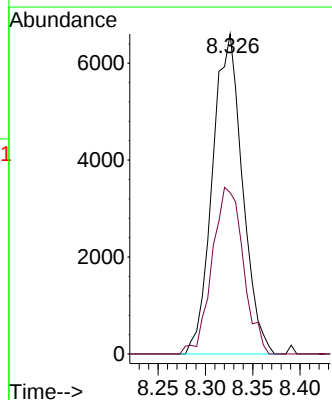
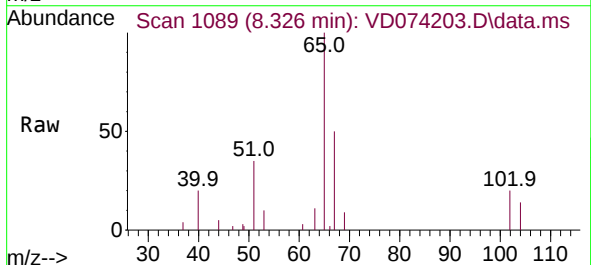
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(5-10)

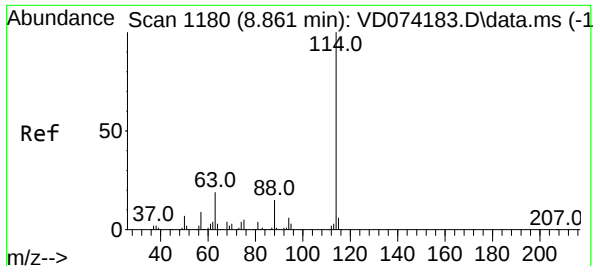
Tgt Ion: 77 Resp: 678
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.4#



#33
1,2-Dichloroethane-d4
Concen: 130.274 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

Tgt Ion: 65 Resp: 14534
Ion Ratio Lower Upper
65 100
67 54.2 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074203.D

Acq: 24 Aug 2022 01:31

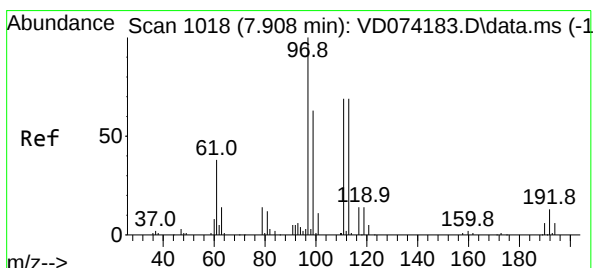
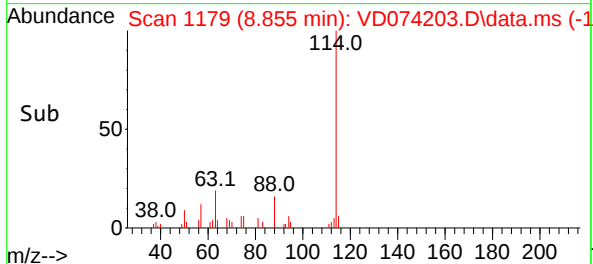
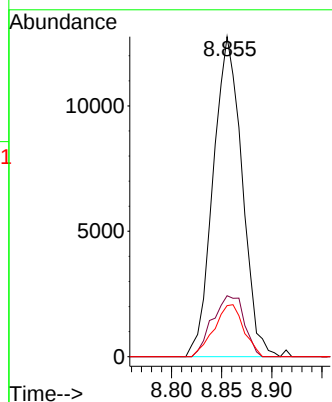
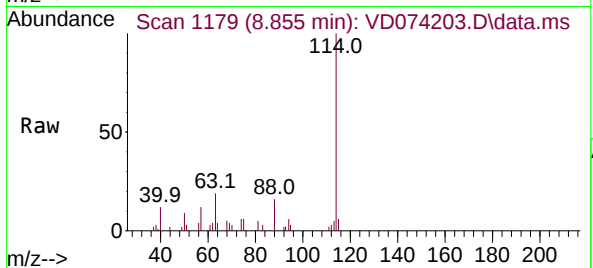
Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-4-(5-10)

Tgt Ion:114	Resp:	25561
Ion	Ratio	Lower Upper
114	100	
63	19.1	0.0 46.6
88	16.0	0.0 33.2



#35

Dibromofluoromethane

Concen: 75.093 ug/l

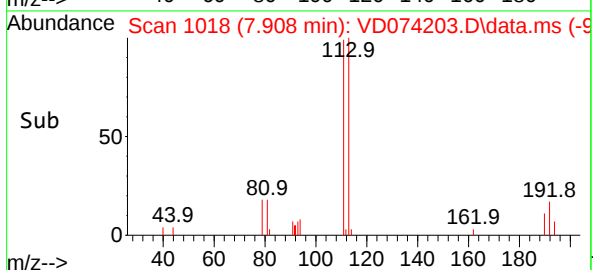
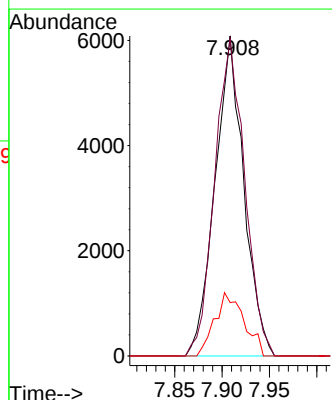
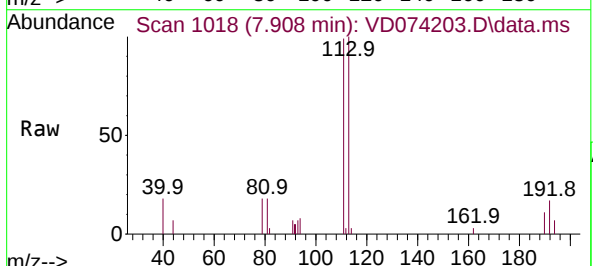
RT: 7.908 min Scan# 1018

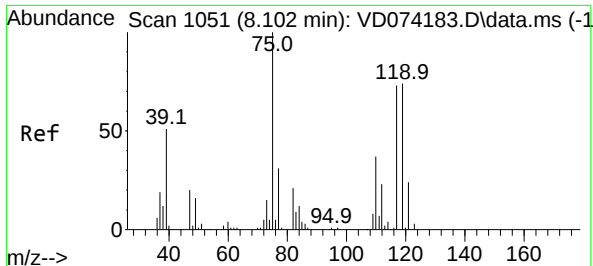
Delta R.T. 0.000 min

Lab File: VD074203.D

Acq: 24 Aug 2022 01:31

Tgt Ion:113	Resp:	12839
Ion	Ratio	Lower Upper
113	100	
111	103.7	83.8 125.6
192	20.1	14.6 21.8





#36

1,1-Dichloropropene

Concen: 3.835 ug/l

RT: 7.973 min Scan# 1

Delta R.T. -0.129 min

Lab File: VD074203.D

Acq: 24 Aug 2022 01:31

Instrument :

MSVOA_D

ClientSampleId :

SASP2-T-4-(5-10)

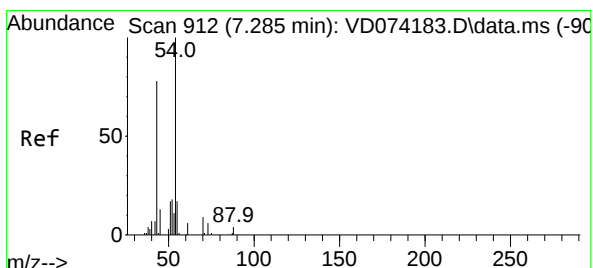
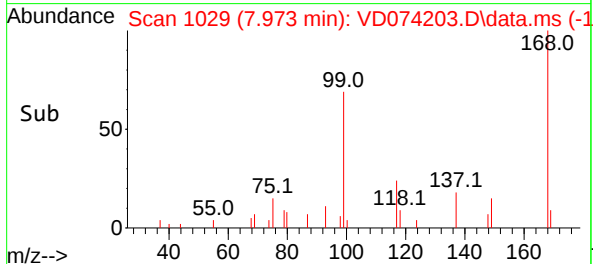
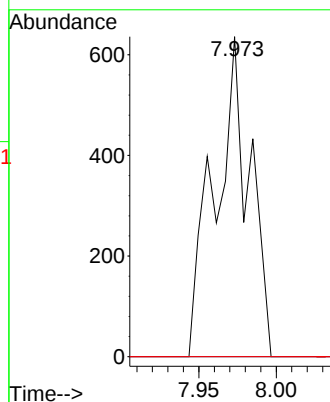
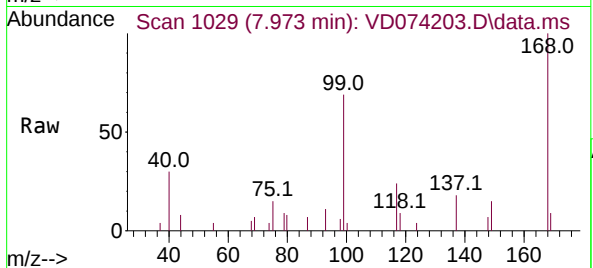
Tgt Ion: 75 Resp: 991

Ion Ratio Lower Upper

75 100

110 0.0 16.4 49.1#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 6.605 ug/l

RT: 7.185 min Scan# 895

Delta R.T. -0.100 min

Lab File: VD074203.D

Acq: 24 Aug 2022 01:31

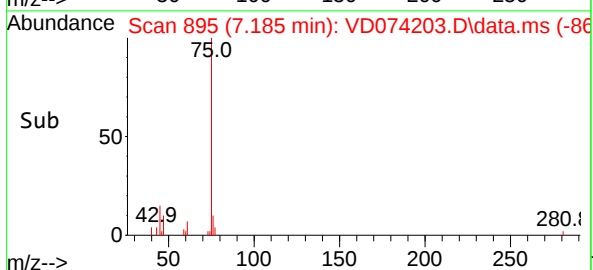
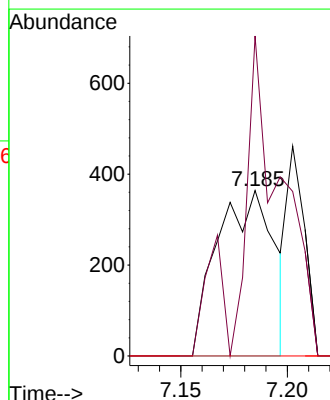
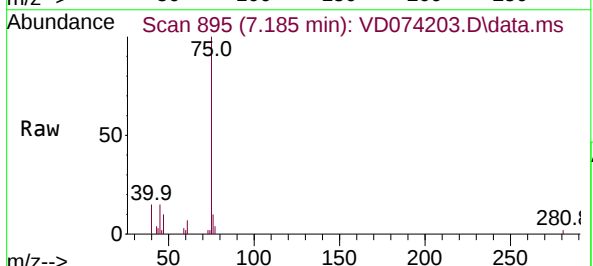
Tgt Ion: 43 Resp: 673

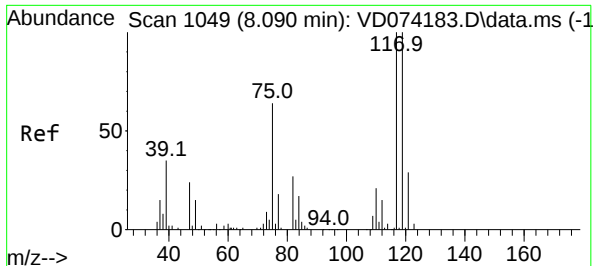
Ion Ratio Lower Upper

43 100

61 138.3 9.8 14.8#

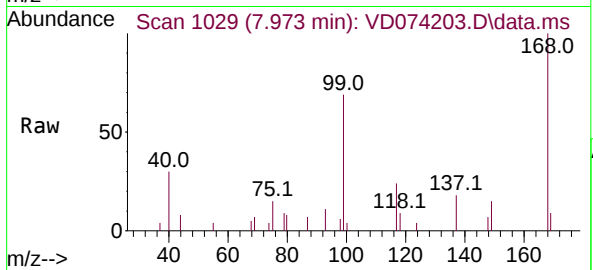
70 0.0 6.9 10.3#



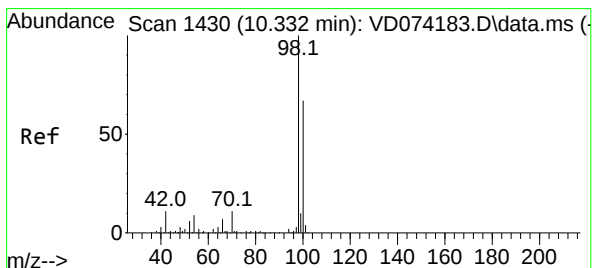
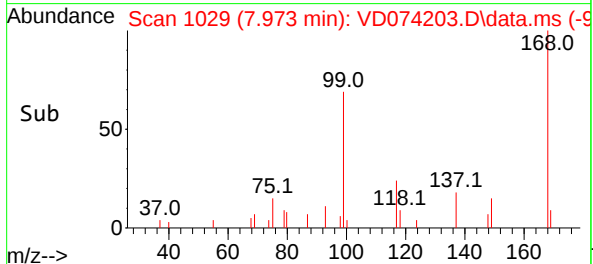
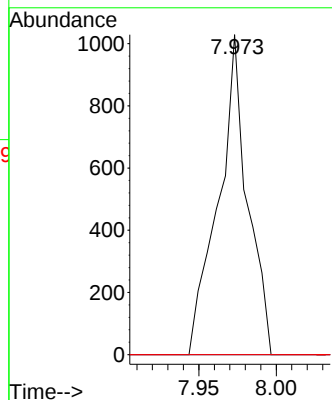


#38
Carbon Tetrachloride
Concen: 4.845 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.117 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(5-10)

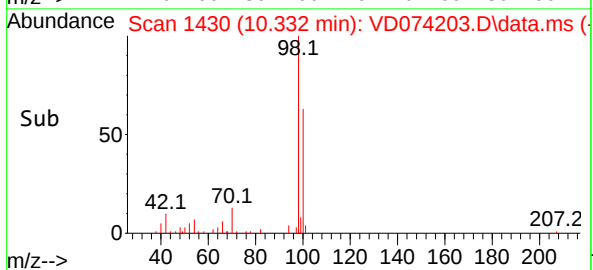
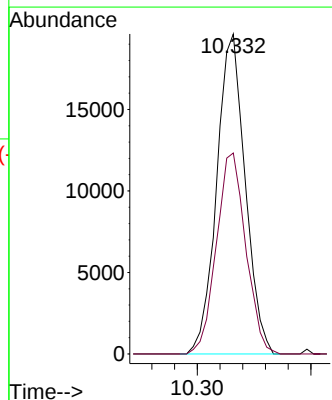
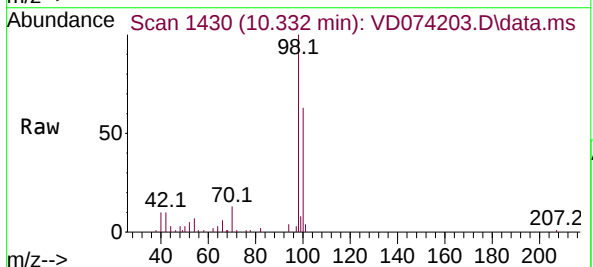


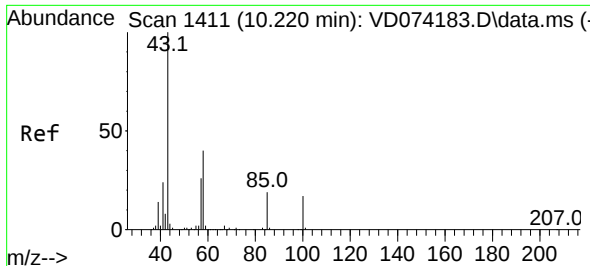
Tgt Ion:117 Resp: 1345
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 62.052 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

Tgt Ion: 98 Resp: 34145
Ion Ratio Lower Upper
98 100
100 64.7 52.4 78.6

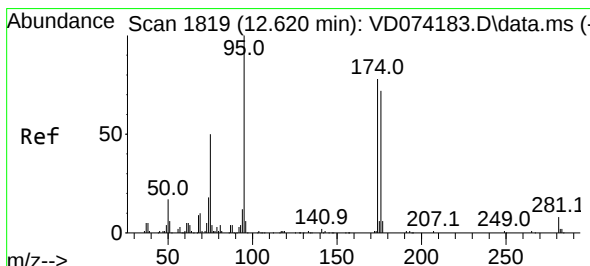
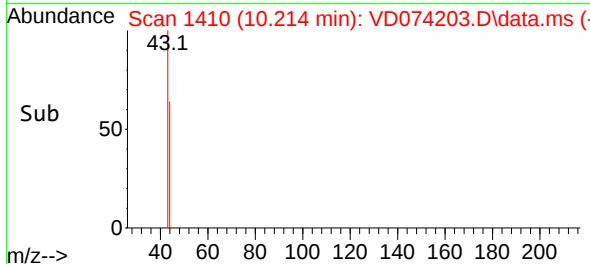
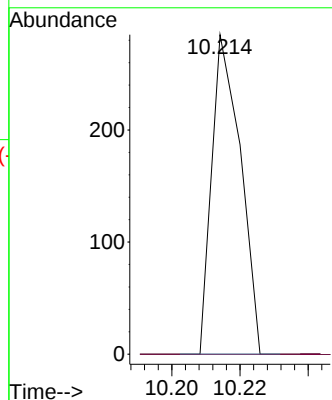
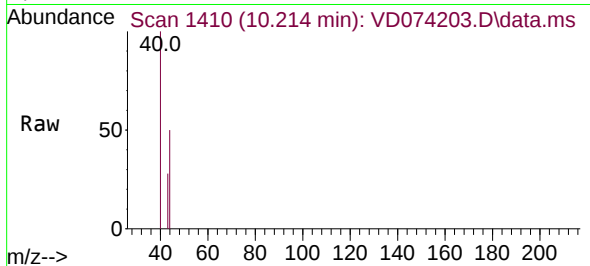




#51
4-Methyl-2-Pentanone
Concen: 1.631 ug/l
RT: 10.214 min Scan# 1411
Delta R.T. -0.006 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

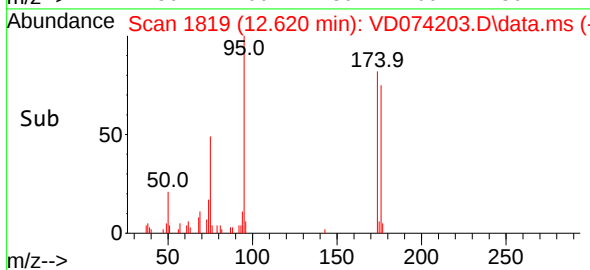
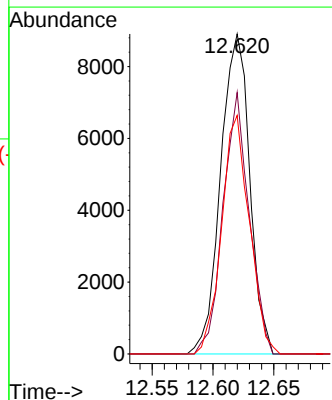
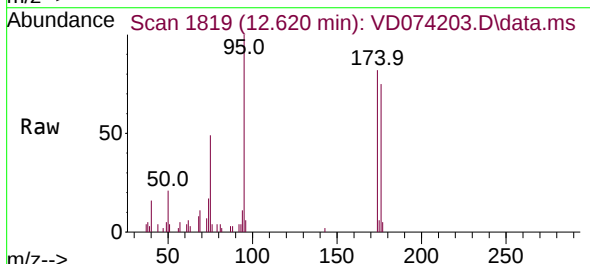
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(5-10)

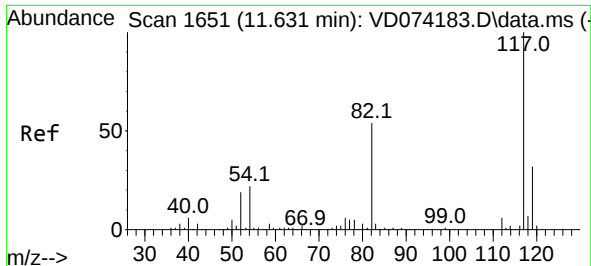
Tgt Ion: 43 Resp: 167
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 68.008 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

Tgt Ion: 95 Resp: 14784
Ion Ratio Lower Upper
95 100
174 73.5 0.0 152.8
176 71.2 0.0 145.4

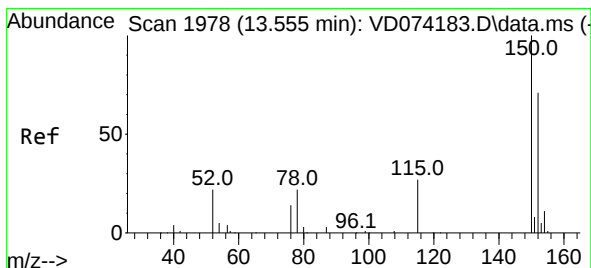
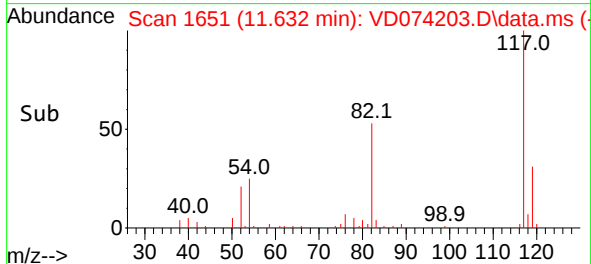
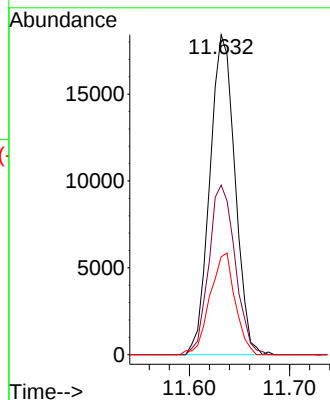
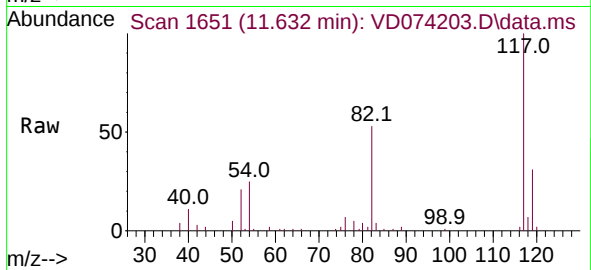




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

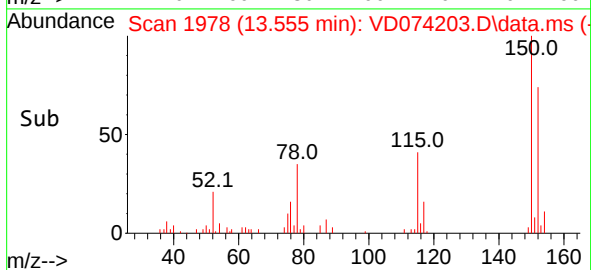
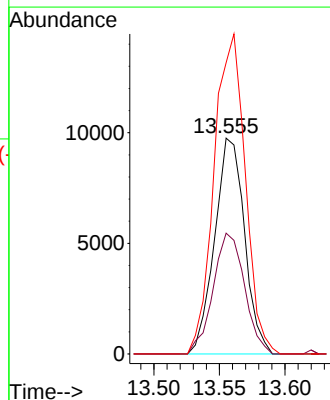
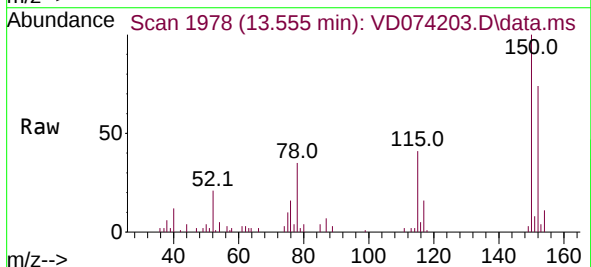
Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(5-10)

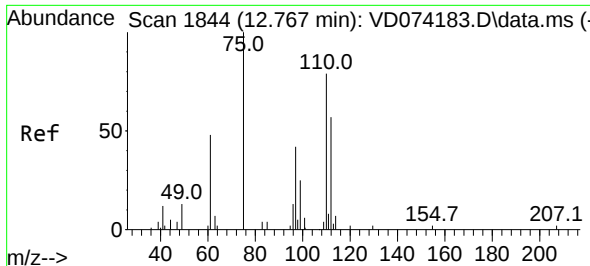
Tgt Ion:117 Resp: 32136
Ion Ratio Lower Upper
117 100
82 53.0 45.3 67.9
119 30.6 26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. 0.000 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

Tgt Ion:152 Resp: 15460
Ion Ratio Lower Upper
152 100
115 58.7 31.3 93.8
150 154.3 0.0 348.6

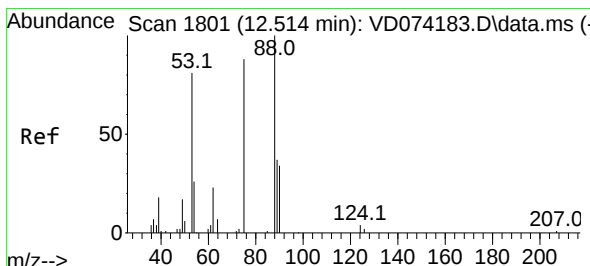
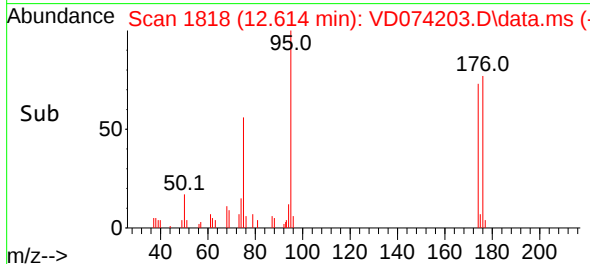
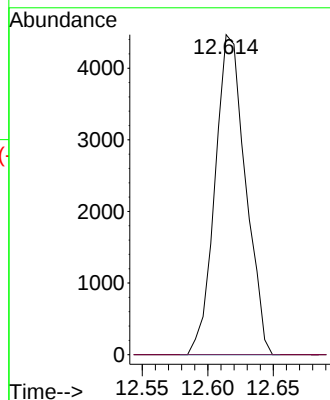
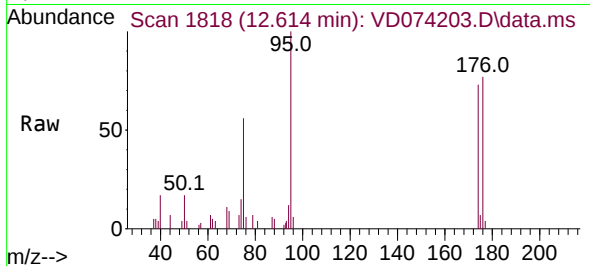




#76
1,2,3-Trichloropropane
Concen: 47.895 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.153 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

Instrument :
MSVOA_D
ClientSampleId :
SASP2-T-4-(5-10)

Tgt Ion: 75 Resp: 7230
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 123.169 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.100 min
Lab File: VD074203.D
Acq: 24 Aug 2022 01:31

Tgt Ion: 75 Resp: 7230
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

