

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074049.D
 Acq On : 11 Aug 2022 18:49
 Operator : VA/SY
 Sample : N4130-05RE
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB05RE

Quant Time: Aug 12 01:18:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

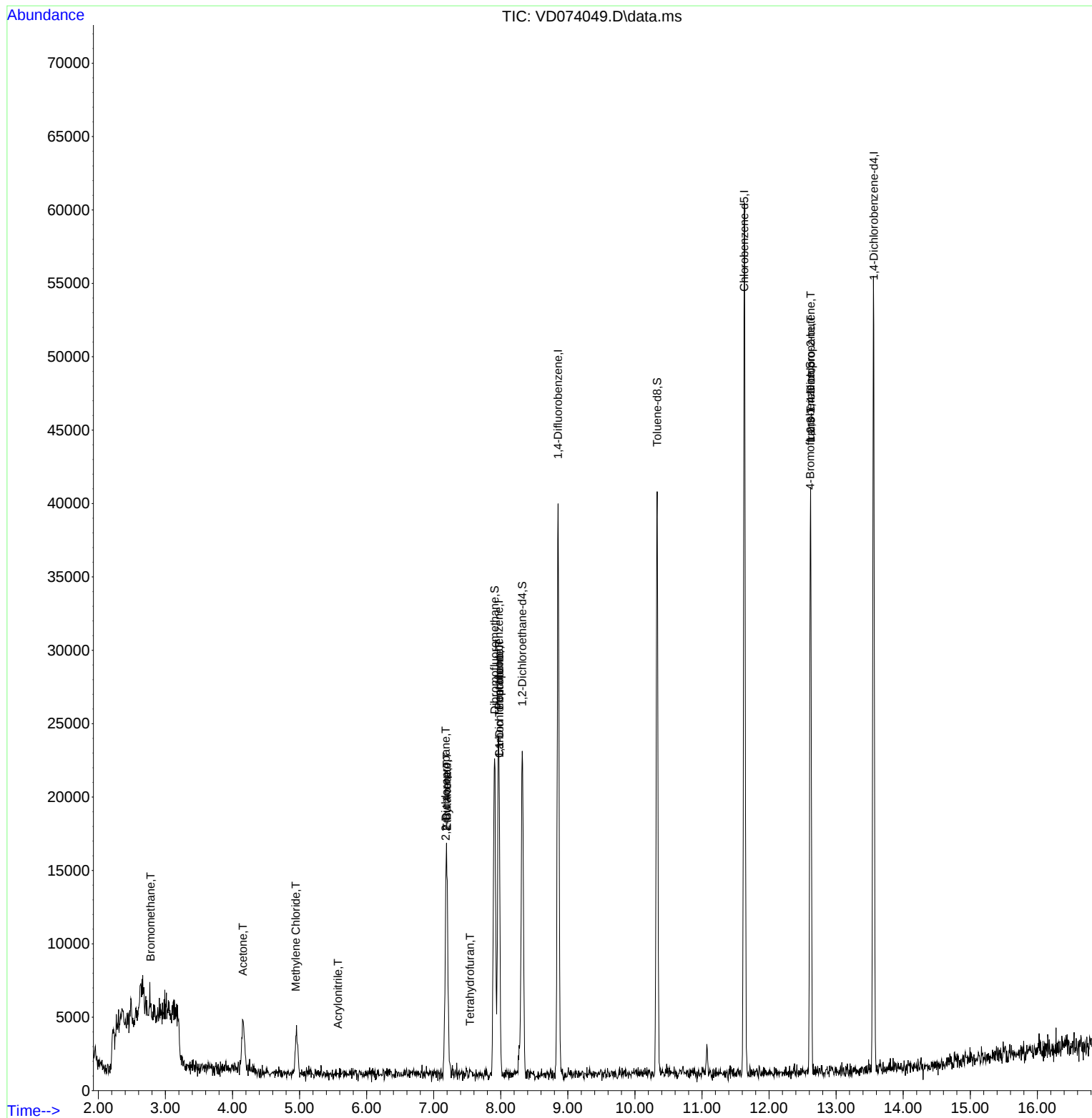
Internal Standards						
1) Pentafluorobenzene	7.973	168	16787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	31726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	33974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	13389	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	17748	148.660	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 297.320%#	
35) Dibromofluoromethane	7.908	113	15094	71.630	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 143.260%	
50) Toluene-d8	10.332	98	26853	48.549	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.100%	
62) 4-Bromofluorobenzene	12.614	95	12808	49.426	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 98.860%	
Target Compounds						
						Qvalue
3) Chloromethane	2.209	50	146	Below Cal	#	40
5) Bromomethane	2.779	94	784	3.185	ug/l	81
15) Acrylonitrile	5.573	53	56	1.727	ug/l #	18
16) Acetone	4.156	43	6236	232.163	ug/l #	72
18) Methyl Acetate	4.691	43	77	Below Cal	#	49
20) Methylene Chloride	4.944	84	2372	10.923	ug/l #	70
25) 2-Butanone	7.197	43	996	23.711	ug/l #	46
26) 2,2-Dichloropropane	7.179	77	1184	3.725	ug/l #	53
29) Tetrahydrofuran	7.544	42	61	2.359	ug/l #	31
36) 1,1-Dichloropropene	7.979	75	1614	5.033	ug/l #	45
37) Ethyl Acetate	7.197	43	996	8.727	ug/l #	27
38) Carbon Tetrachloride	7.979	117	1995	5.518	ug/l #	13
76) 1,2,3-Trichloropropane	12.620	75	6750	55.218	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	6750	147.375	ug/l #	13

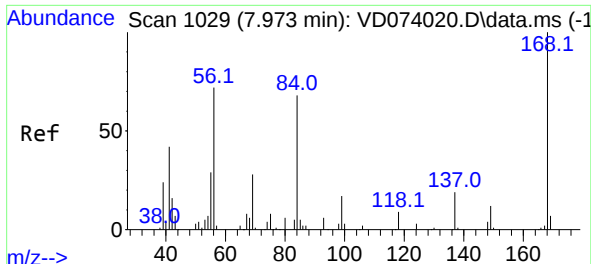
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
Data File : VD074049.D
Acq On : 11 Aug 2022 18:49
Operator : VA/SY
Sample : N4130-05RE
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB05RE

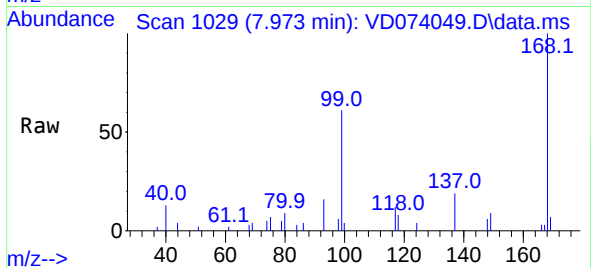
Quant Time: Aug 12 01:18:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 14:55:58 2022
Response via : Initial Calibration



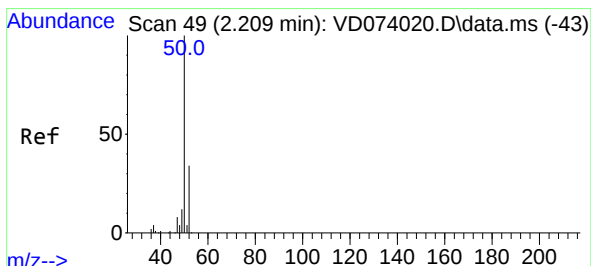
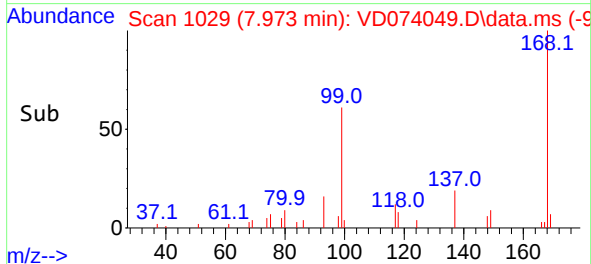
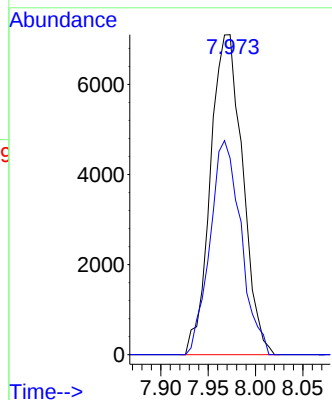


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

Instrument :
MSVOA_D
ClientSampleId :
SB05RE

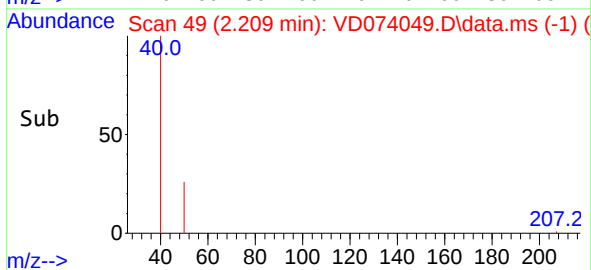
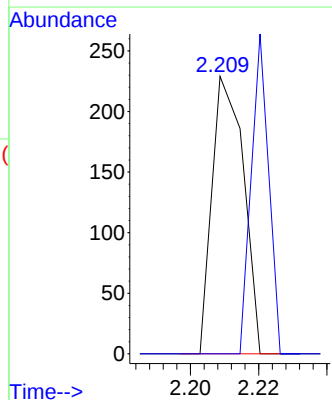
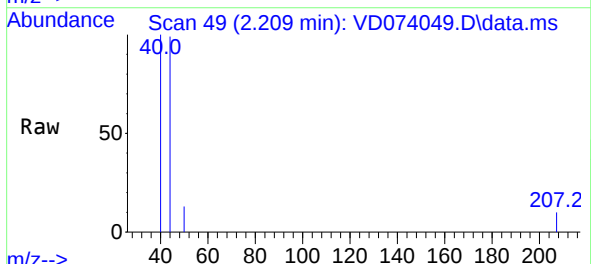


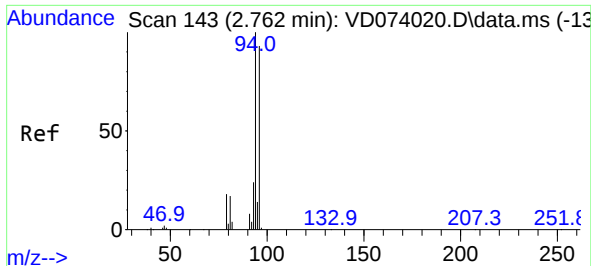
Tgt Ion:168 Resp: 16787
Ion Ratio Lower Upper
168 100
99 61.4 48.3 72.5



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

Tgt Ion: 50 Resp: 146
Ion Ratio Lower Upper
50 100
52 0.0 28.1 42.1#

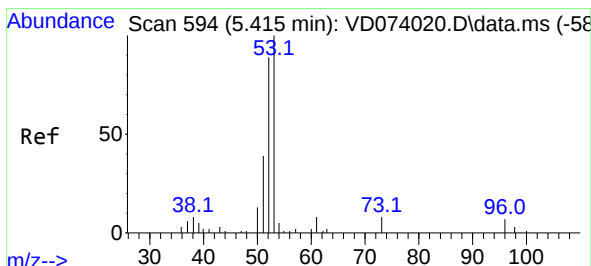
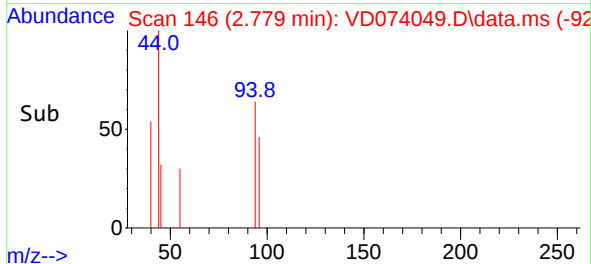
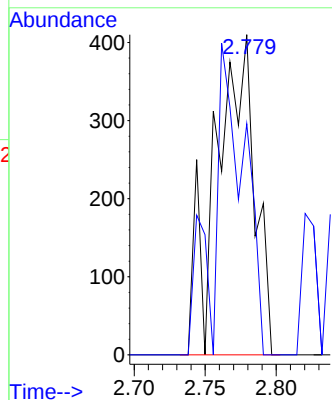
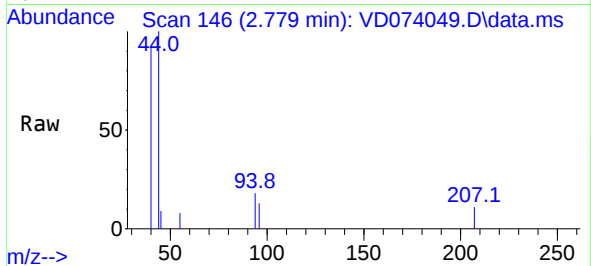




#5
Bromomethane
Concen: 3.185 ug/l
RT: 2.779 min Scan# 14
Delta R.T. 0.017 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

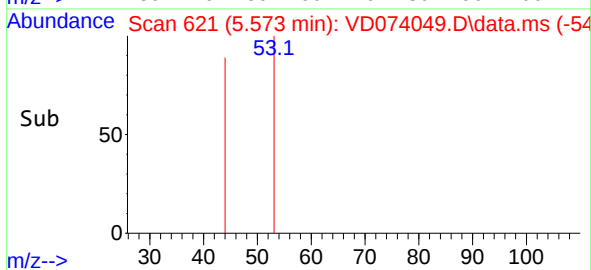
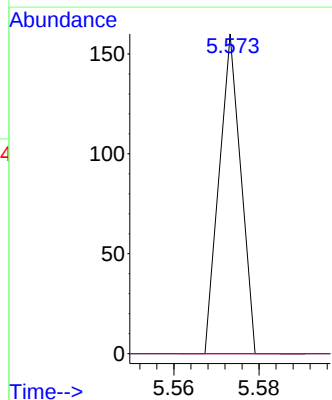
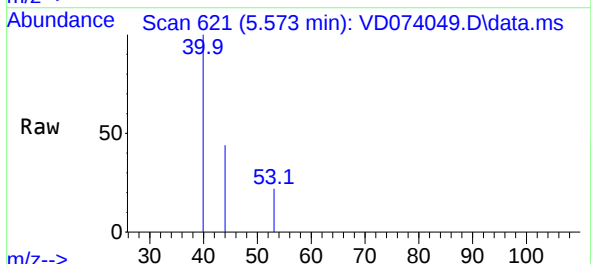
Instrument :
MSVOA_D
ClientSampleId :
SB05RE

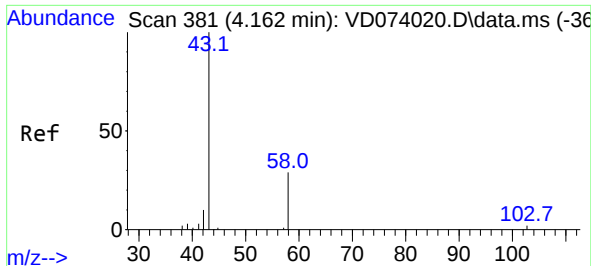
Tgt Ion: 94 Resp: 784
Ion Ratio Lower Upper
94 100
96 72.2 72.0 108.0



#15
Acrylonitrile
Concen: 1.727 ug/l
RT: 5.573 min Scan# 621
Delta R.T. 0.158 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

Tgt Ion: 53 Resp: 56
Ion Ratio Lower Upper
53 100
52 0.0 63.8 95.8#
51 0.0 31.2 46.8#





#16

Acetone

Concen: 232.163 ug/l

RT: 4.156 min Scan# 381

Delta R.T. -0.006 min

Lab File: VD074049.D

Acq: 11 Aug 2022 18:49

Instrument :

MSVOA_D

ClientSampleId :

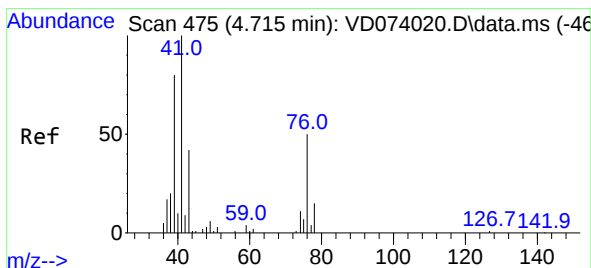
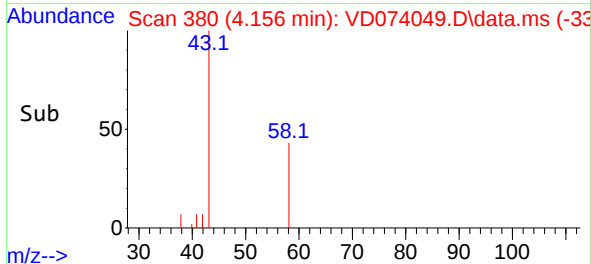
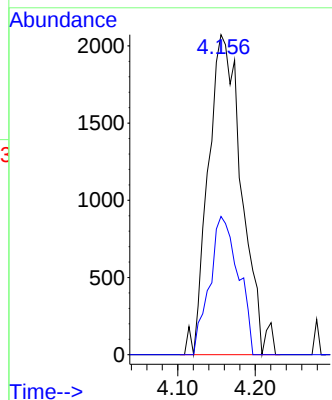
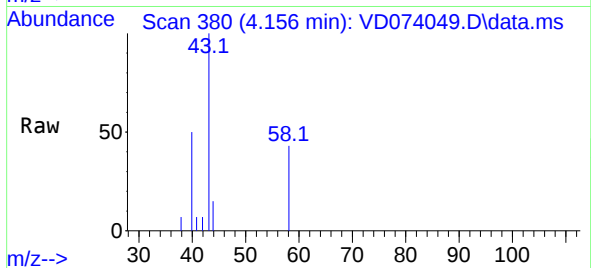
SB05RE

Tgt Ion: 43 Resp: 6236

Ion Ratio Lower Upper

43 100

58 43.2 22.8 34.2#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.691 min Scan# 471

Delta R.T. -0.024 min

Lab File: VD074049.D

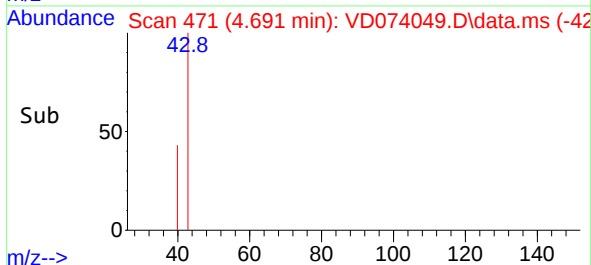
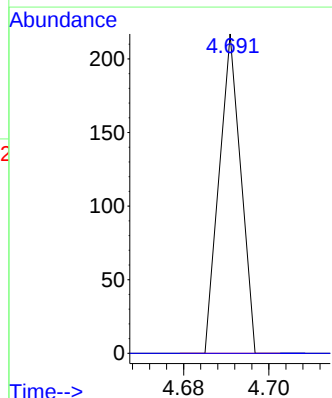
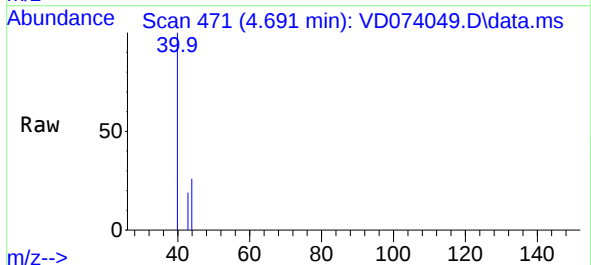
Acq: 11 Aug 2022 18:49

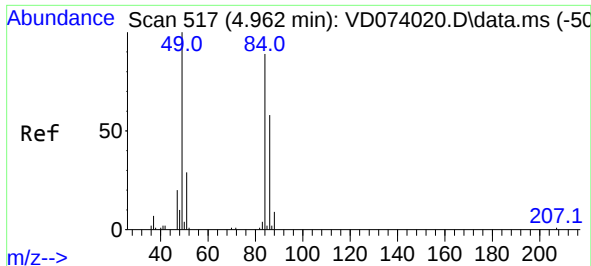
Tgt Ion: 43 Resp: 77

Ion Ratio Lower Upper

43 100

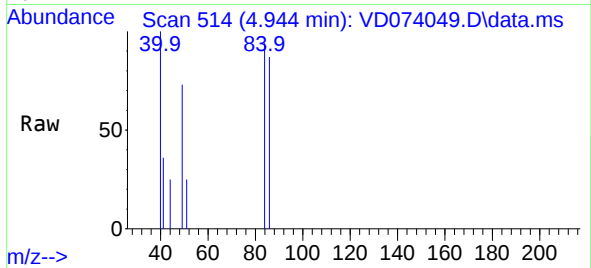
74 0.0 21.0 31.4#





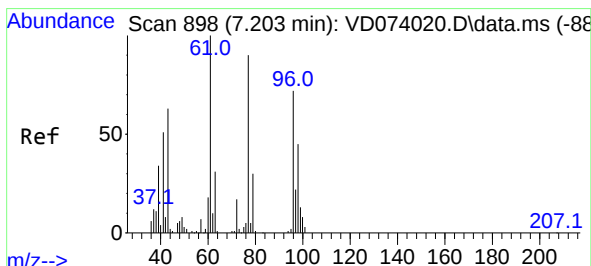
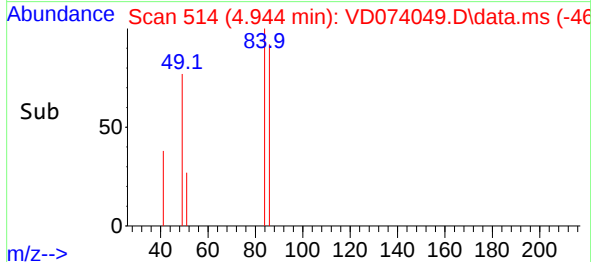
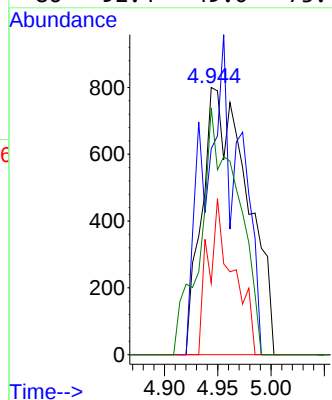
#20
Methylene Chloride
Concen: 10.923 ug/l
RT: 4.944 min Scan# 517
Delta R.T. -0.018 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

Instrument :
MSVOA_D
ClientSampleId :
SB05RE



Tgt Ion: 84 Resp: 2372

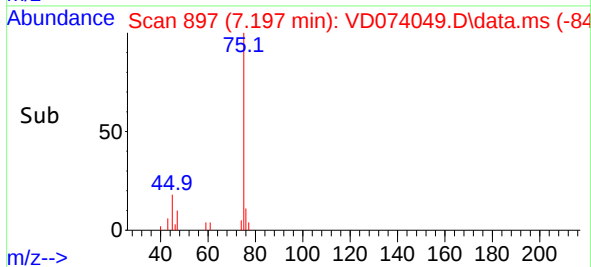
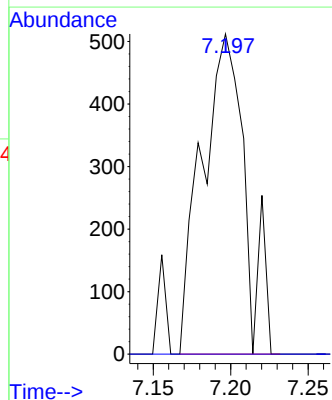
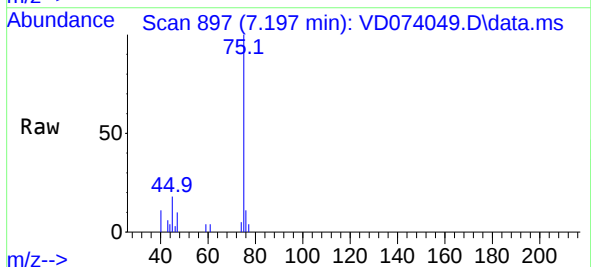
Ion	Ratio	Lower	Upper
84	100		
49	77.1	85.8	128.6#
51	26.8	28.0	42.0#
86	92.4	49.0	73.4#

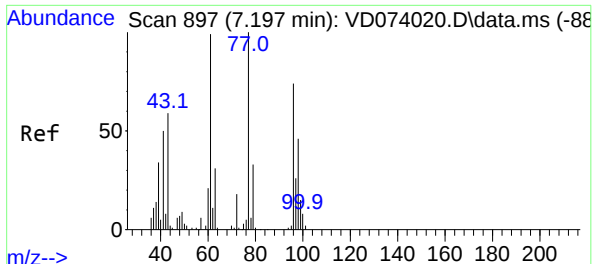


#25
2-Butanone
Concen: 23.711 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

Tgt Ion: 43 Resp: 996

Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#





#26

2,2-Dichloropropane

Concen: 3.725 ug/l

RT: 7.179 min Scan# 897

Delta R.T. -0.018 min

Lab File: VD074049.D

Acq: 11 Aug 2022 18:49

Instrument :

MSVOA_D

ClientSampleId :

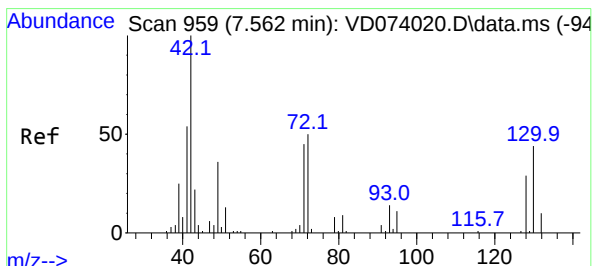
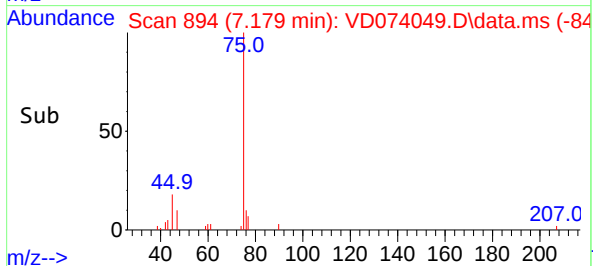
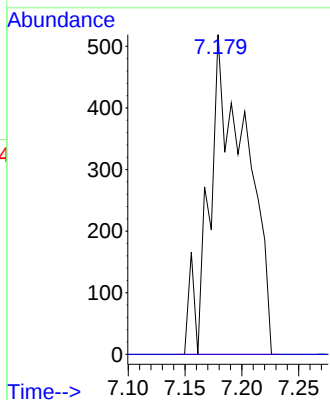
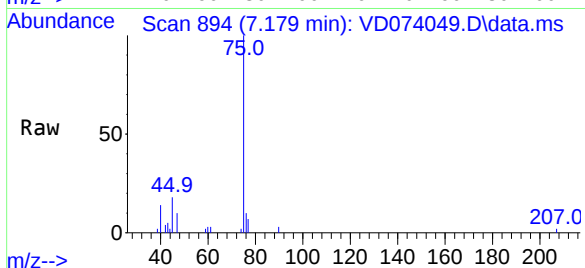
SB05RE

Tgt Ion: 77 Resp: 1184

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.5#



#29

Tetrahydrofuran

Concen: 2.359 ug/l

RT: 7.544 min Scan# 956

Delta R.T. -0.018 min

Lab File: VD074049.D

Acq: 11 Aug 2022 18:49

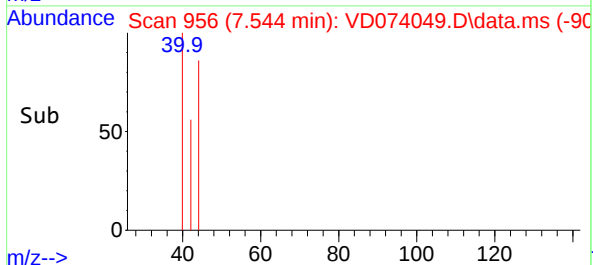
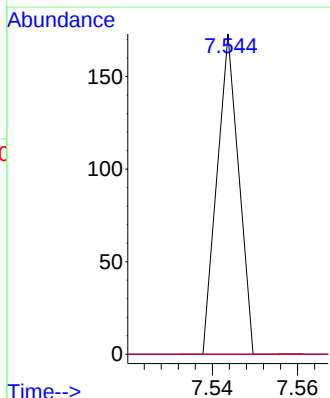
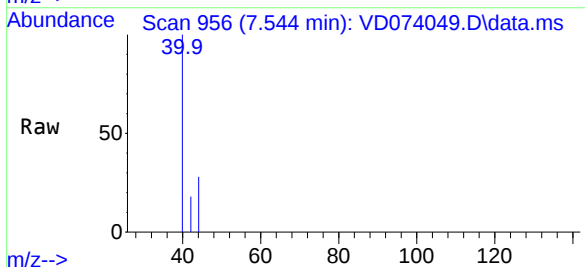
Tgt Ion: 42 Resp: 61

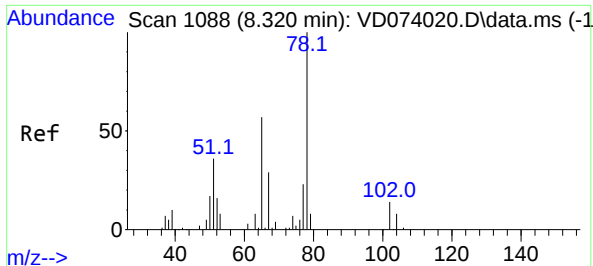
Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.2#

71 0.0 35.5 53.3#





#33

1,2-Dichloroethane-d4

Concen: 148.660 ug/l

RT: 8.320 min Scan# 1088

Delta R.T. 0.000 min

Lab File: VD074049.D

Acq: 11 Aug 2022 18:49

Instrument :

MSVOA_D

ClientSampleId :

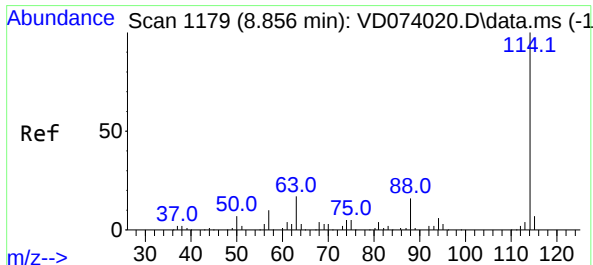
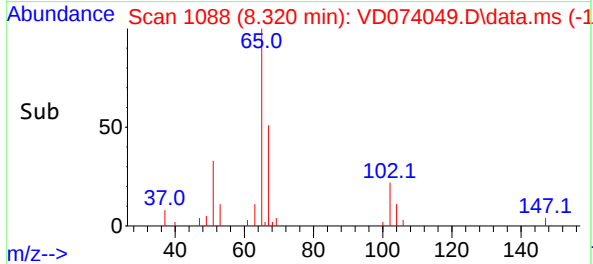
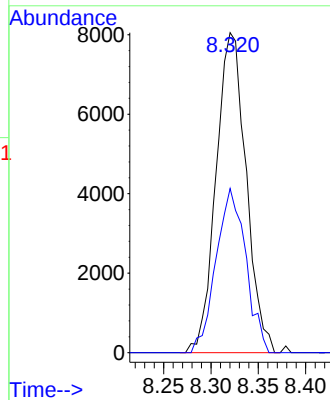
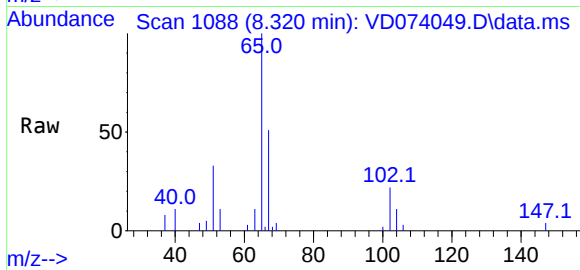
SB05RE

Tgt Ion: 65 Resp: 17748

Ion Ratio Lower Upper

65 100

67 50.9 0.0 113.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074049.D

Acq: 11 Aug 2022 18:49

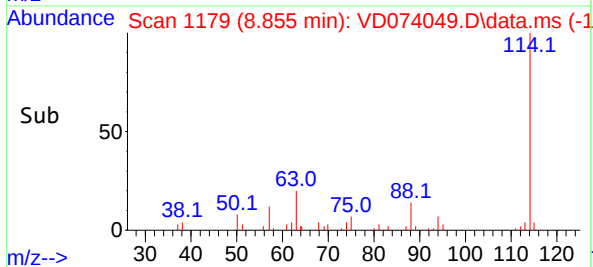
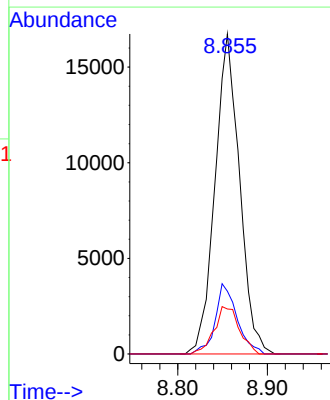
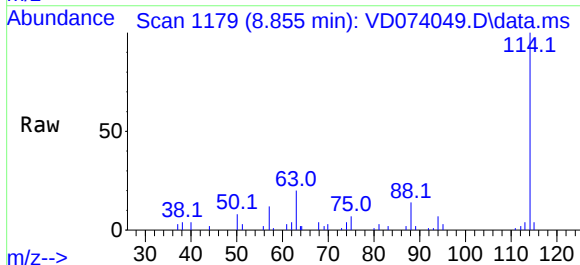
Tgt Ion: 114 Resp: 31726

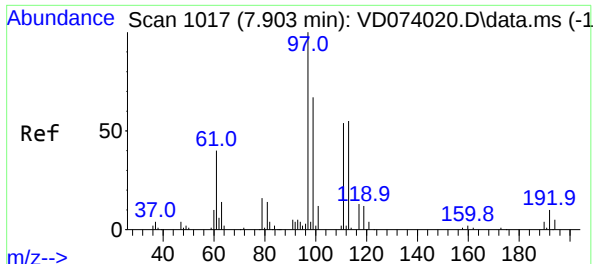
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.0

88 14.1 0.0 31.6

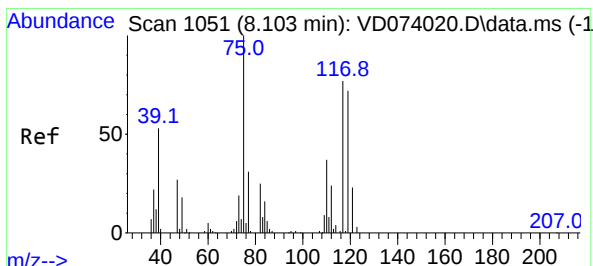
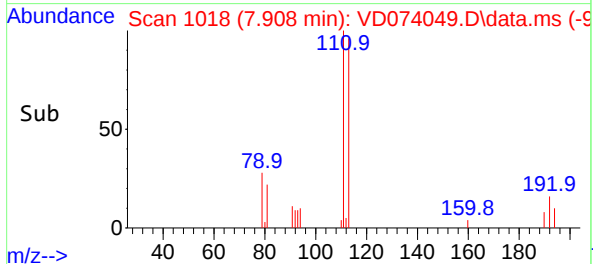
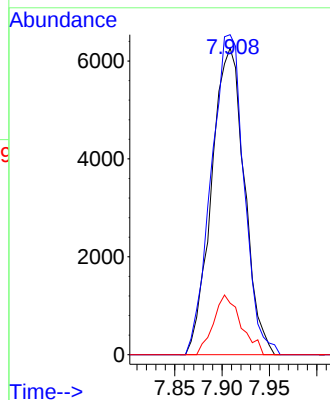
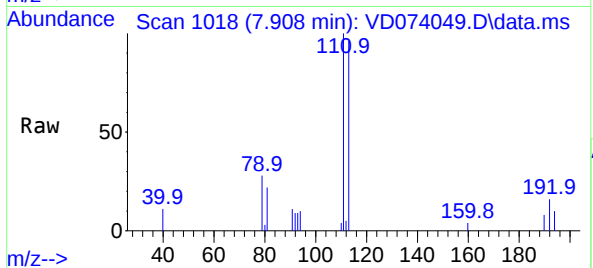




#35
Dibromofluoromethane
Concen: 71.630 ug/l
RT: 7.908 min Scan# 1030
Delta R.T. 0.005 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

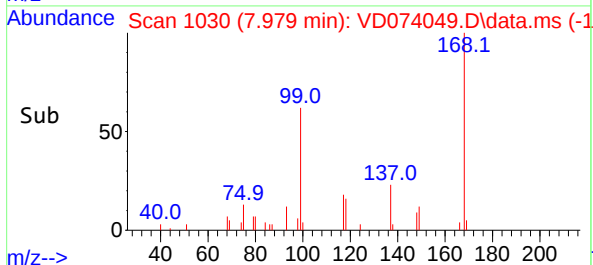
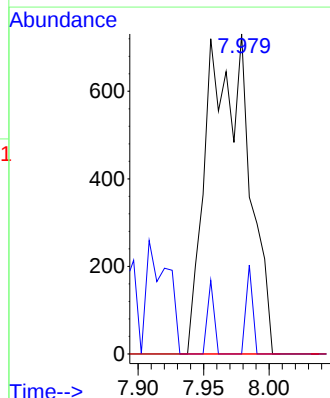
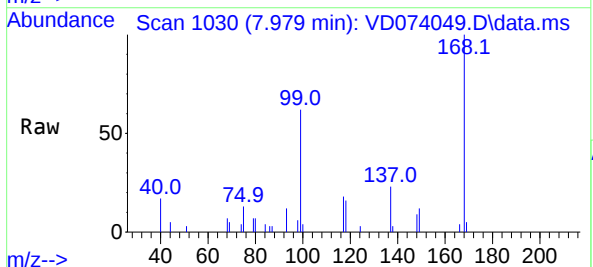
Instrument :
MSVOA_D
ClientSampleId :
SB05RE

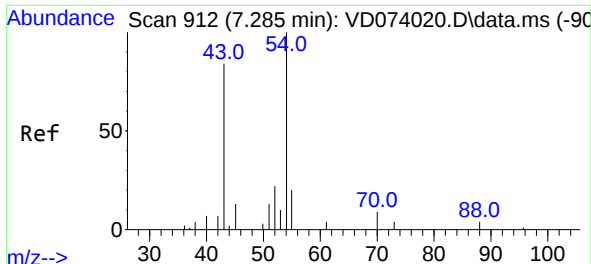
Tgt Ion:113 Resp: 15094
Ion Ratio Lower Upper
113 100
111 104.3 80.0 120.0
192 16.4 14.2 21.4



#36
1,1-Dichloropropene
Concen: 5.033 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.124 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

Tgt Ion: 75 Resp: 1614
Ion Ratio Lower Upper
75 100
110 4.5 18.4 55.4#
77 0.0 24.6 36.8#

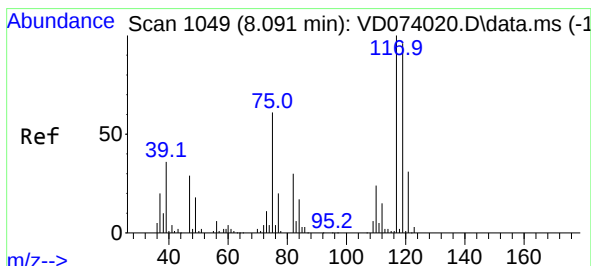
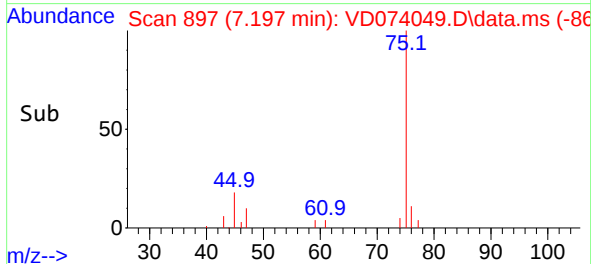
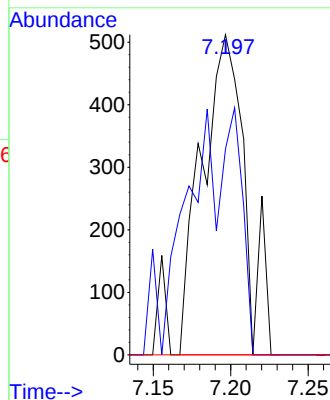
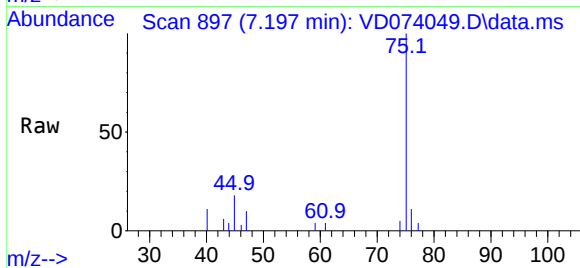




#37
Ethyl Acetate
Concen: 8.727 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.088 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

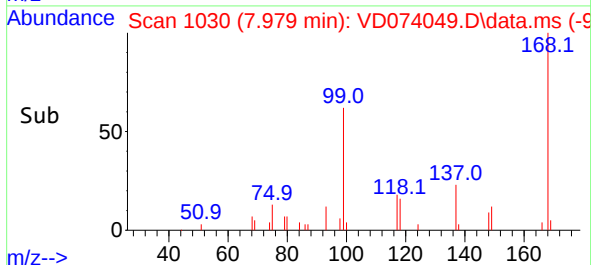
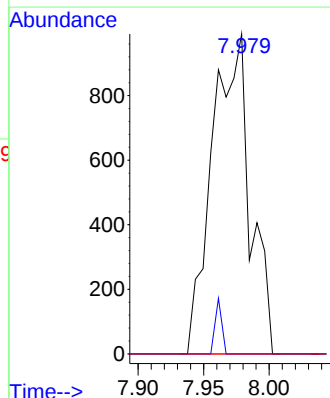
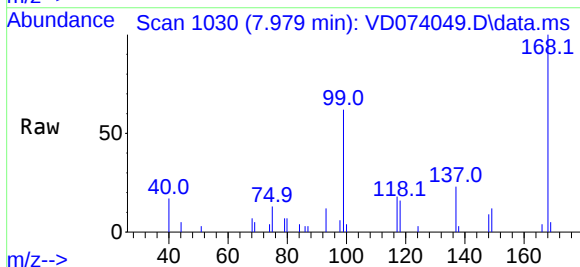
Instrument :
MSVOA_D
ClientSampleId :
SB05RE

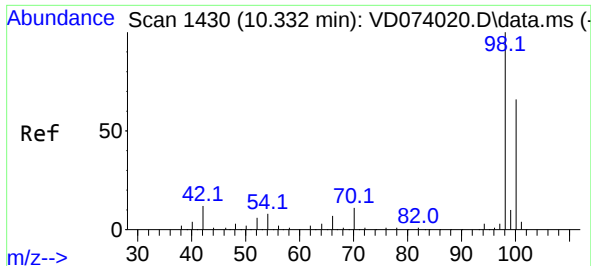
Tgt Ion:	43	Resp:	996
Ion	Ratio	Lower	Upper
43	100		
61	58.6	11.0	16.6#
70	0.0	10.2	15.2#



#38
Carbon Tetrachloride
Concen: 5.518 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

Tgt Ion:	117	Resp:	1995
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.4	113.2#
121	0.0	25.2	37.8#

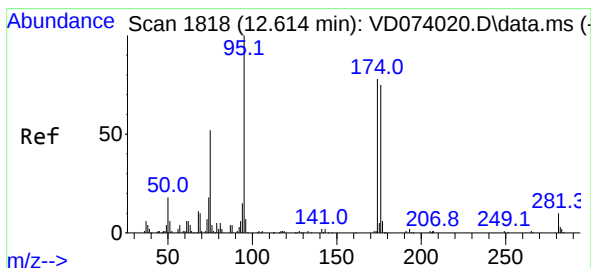
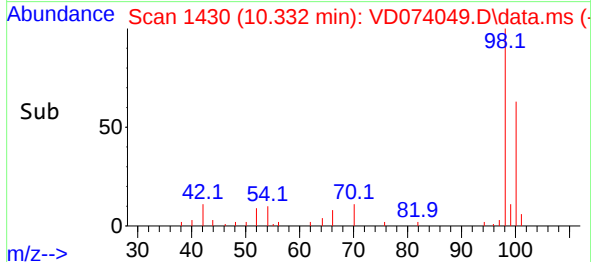
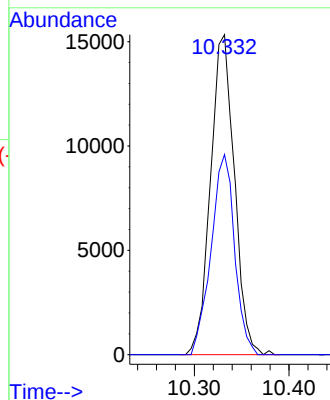
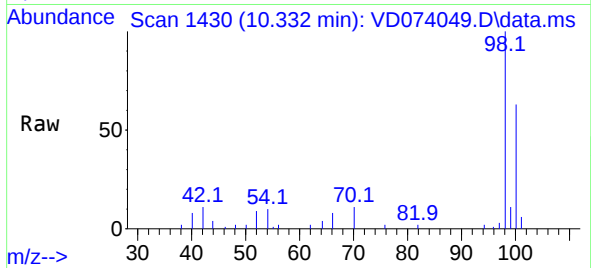




#50
Toluene-d8
Concen: 48.549 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

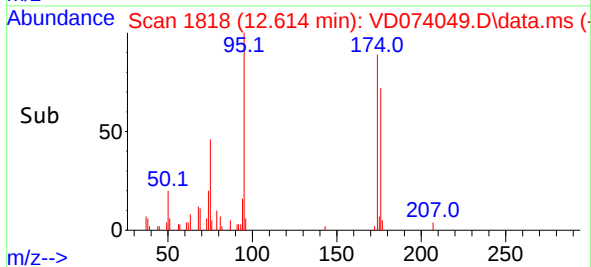
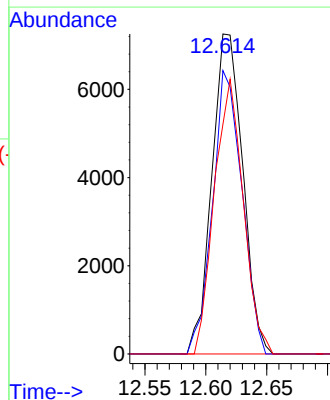
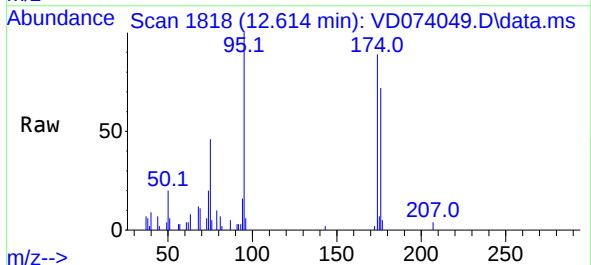
Instrument :
MSVOA_D
ClientSampleId :
SB05RE

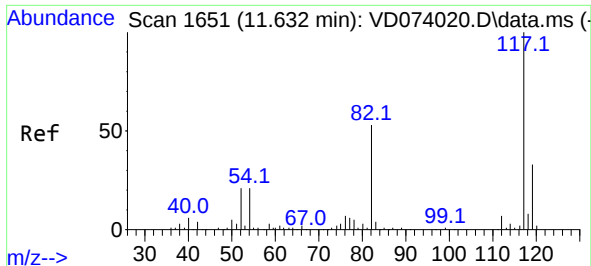
Tgt Ion: 98 Resp: 26853
Ion Ratio Lower Upper
98 100
100 61.6 51.3 76.9



#62
4-Bromofluorobenzene
Concen: 49.426 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

Tgt Ion: 95 Resp: 12808
Ion Ratio Lower Upper
95 100
174 84.3 0.0 162.6
176 80.4 0.0 160.0

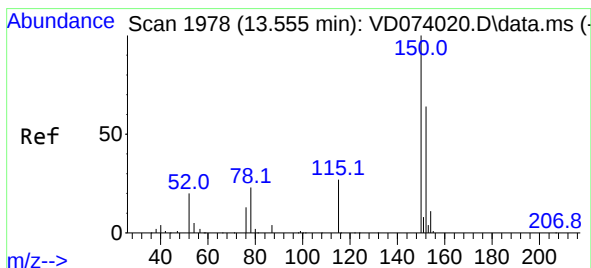
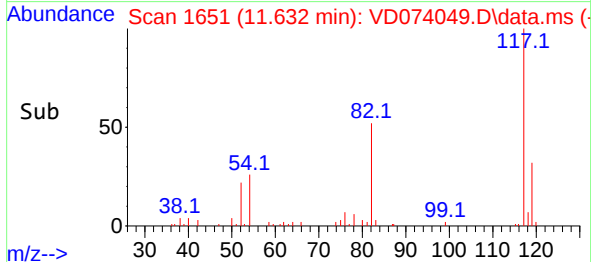
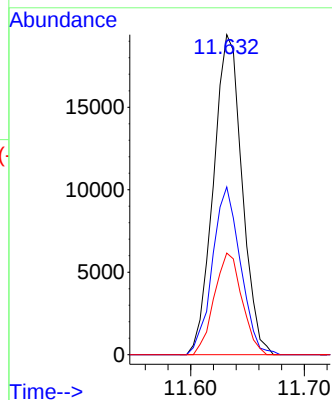
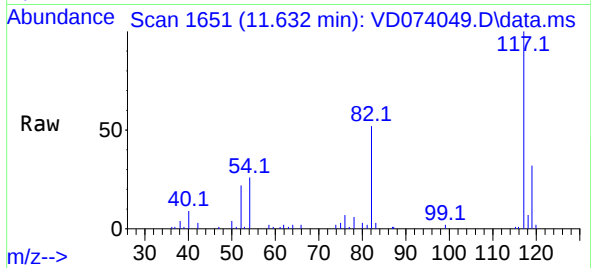




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

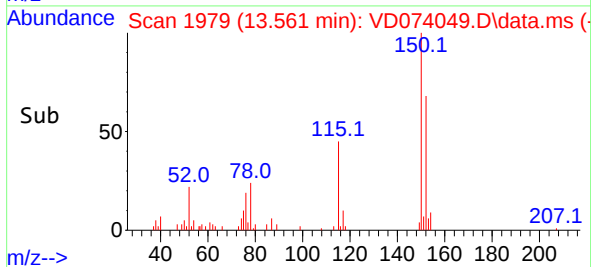
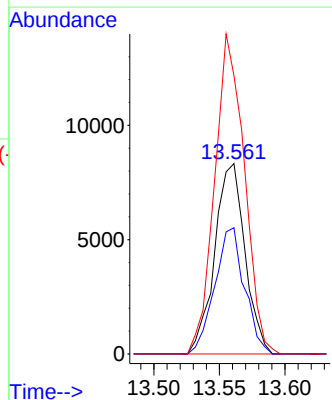
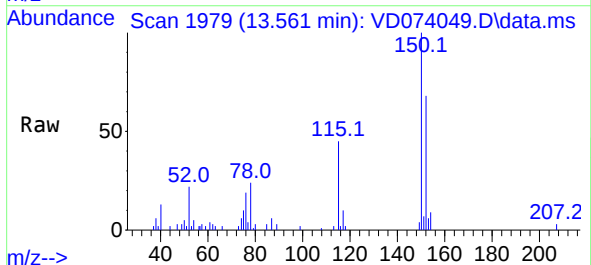
Instrument :
MSVOA_D
ClientSampleId :
SB05RE

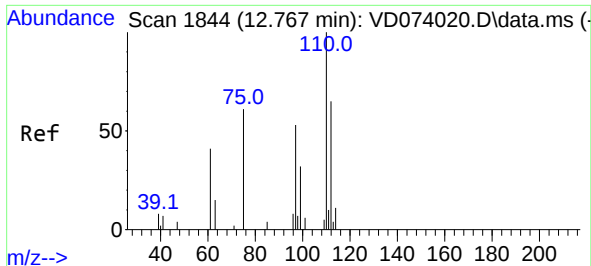
Tgt Ion:117	Resp:	33974
Ion	Ratio	Lower Upper
117	100	
82	52.4	42.7 64.1
119	31.7	25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

Tgt Ion:152	Resp:	13389
Ion	Ratio	Lower Upper
152	100	
115	65.2	29.9 89.8
150	164.7	0.0 342.8

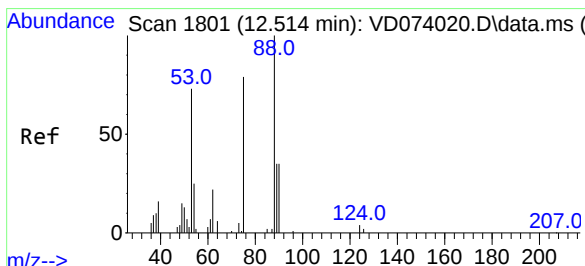
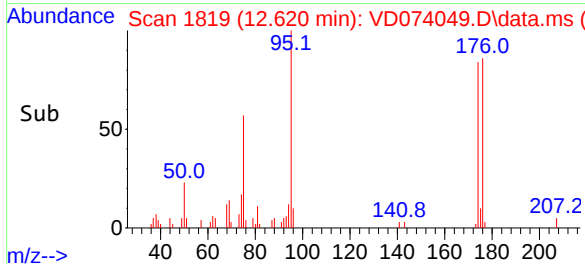
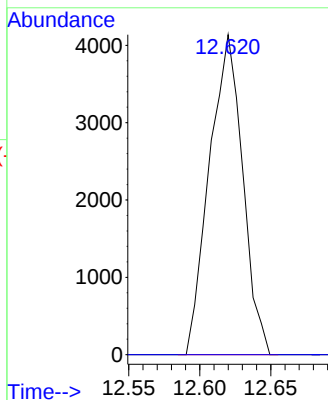
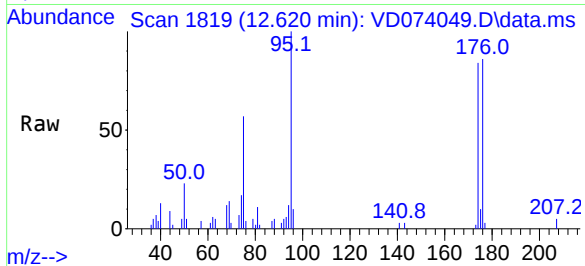




#76
1,2,3-Trichloropropane
Concen: 55.218 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

Instrument :
MSVOA_D
ClientSampleId :
SB05RE

Tgt Ion: 75 Resp: 6750
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 147.375 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074049.D
Acq: 11 Aug 2022 18:49

Tgt Ion: 75 Resp: 6750
Ion Ratio Lower Upper
75 100
53 0.0 71.3 106.9#
89 0.0 38.3 57.5#

