

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081722\
 Data File : VD074122.D
 Acq On : 17 Aug 2022 14:14
 Operator : VA/SY
 Sample : N4188-07
 Misc : 7.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S8

Quant Time: Aug 18 03:19:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 01:41:25 2022
 Response via : Initial Calibration

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

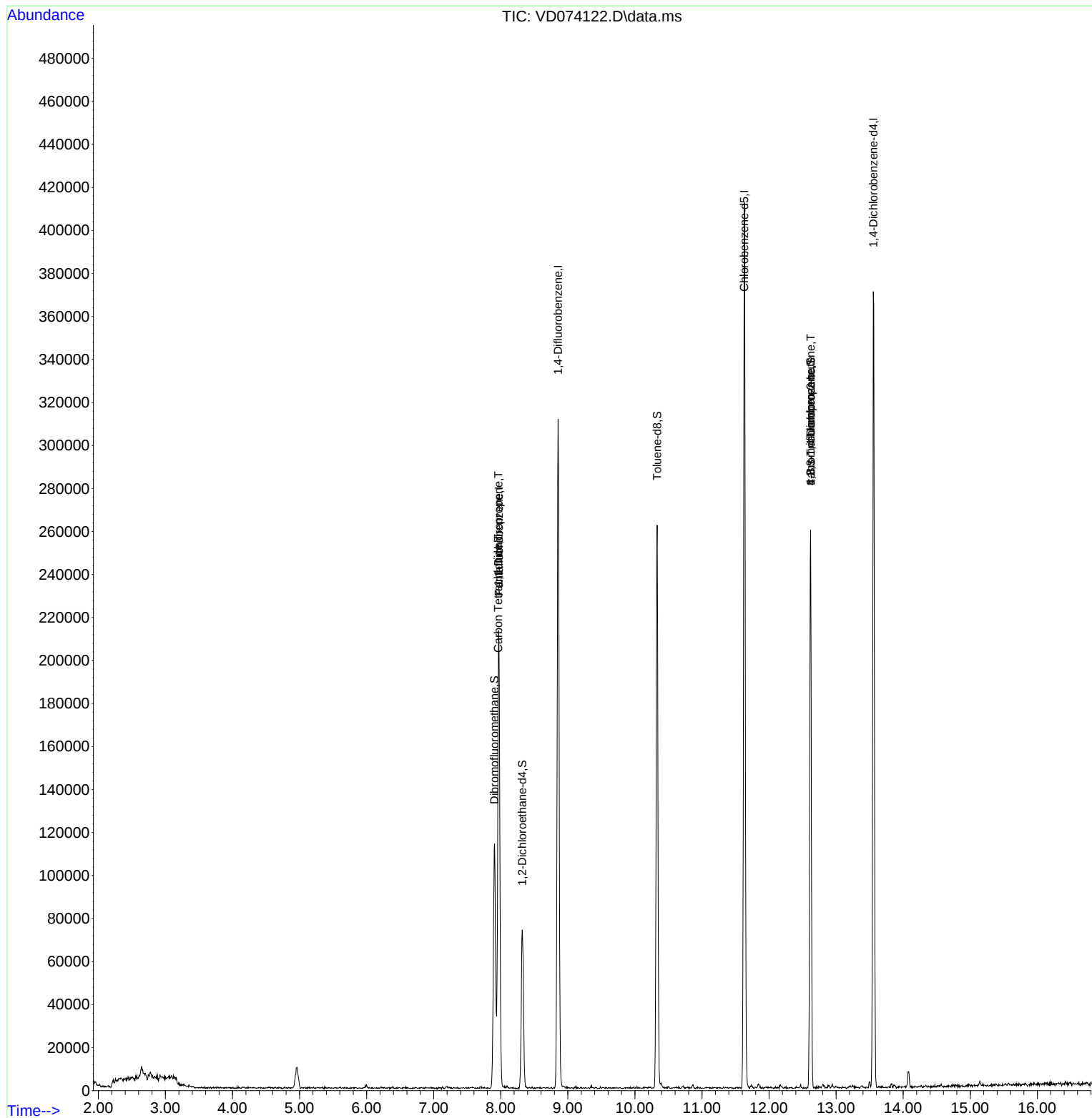
Internal Standards								
1) Pentafluorobenzene			7.973	168	155596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene			8.855	114	266838	50.000	ug/l	0.00
63) Chlorobenzene-d5			11.632	117	239436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4			13.555	152	96610	50.000	ug/l	0.00
System Monitoring Compounds								
33) 1,2-Dichloroethane-d4			8.320	65	59209	51.307	ug/l	0.00
Spiked Amount 50.000			Range	50 - 163	Recovery	= 102.620%		
35) Dibromofluoromethane			7.902	113	78331	45.938	ug/l	0.00
Spiked Amount 50.000			Range	54 - 147	Recovery	= 91.880%		
50) Toluene-d8			10.332	98	179464	34.665	ug/l	0.00
Spiked Amount 50.000			Range	49 - 140	Recovery	= 69.320%		
62) 4-Bromofluorobenzene			12.620	95	80429	37.621	ug/l	0.00
Spiked Amount 50.000			Range	25 - 144	Recovery	= 75.240%		
Target Compounds								Qvalue
2) Dichlorodifluoromethane			1.985	85	80	Below Cal	#	43
3) Chloromethane			2.215	50	587	Below Cal	#	87
6) Chloroethane			2.926	64	113	Below Cal	#	42
7) Trichlorofluoromethane			3.256	101	394	Below Cal	#	19
9) 1,1,2-Trichlorotrifluo...			4.091	101	73	Below Cal	#	20
13) Acrolein			4.067	56	62	Below Cal	#	14
16) Acetone			4.167	43	668	Below Cal	#	47
17) Carbon Disulfide			4.403	76	311	Below Cal	#	74
20) Methylene Chloride			4.956	84	7267	Below Cal	#	86
31) Cyclohexane			7.961	56	1847	Below Cal	#	1
36) 1,1-Dichloropropene			7.967	75	12566	5.404	ug/l #	54
38) Carbon Tetrachloride			7.961	117	15977	5.953	ug/l #	18
76) 1,2,3-Trichloropropane			12.620	75	43618	50.667	ug/l #	100
81) trans-1,4-Dichloro-2-b...			12.620	75	43618	141.305	ug/l #	7

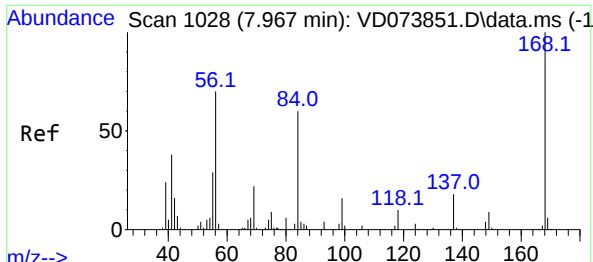
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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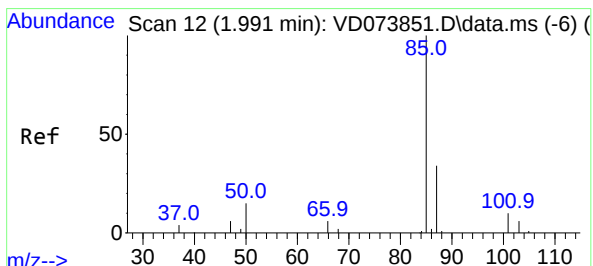
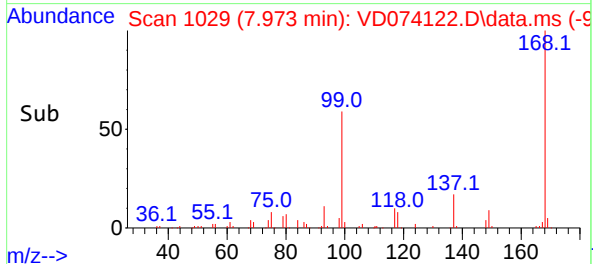
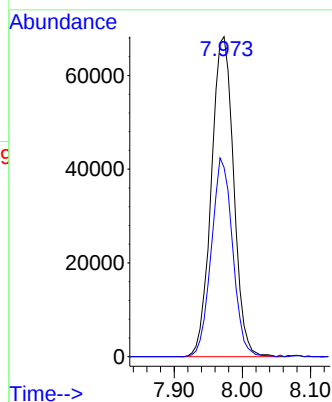
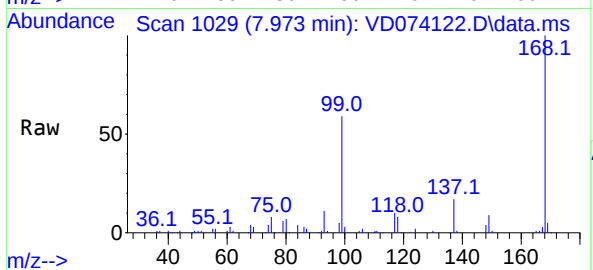




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

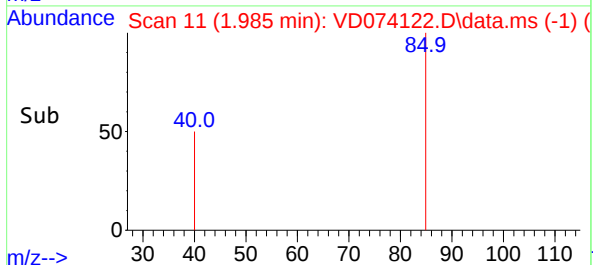
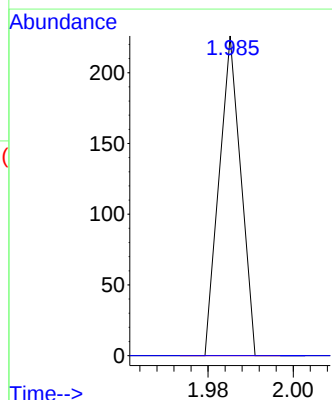
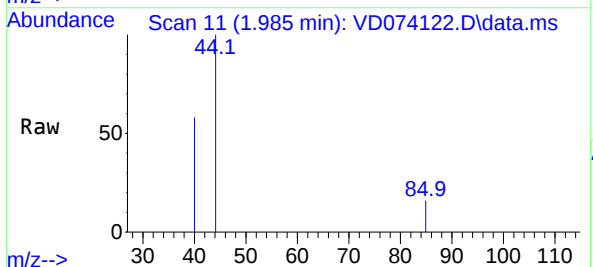
Instrument :
MSVOA_D
ClientSampleId :
S8

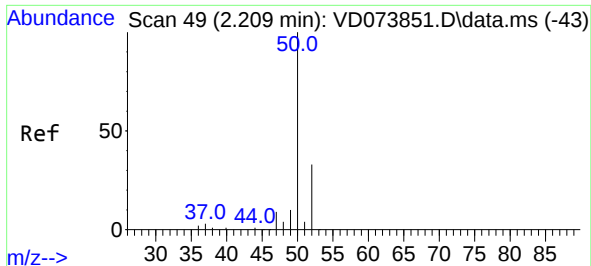
Tgt Ion:168 Resp: 155596
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

Tgt Ion: 85 Resp: 80
Ion Ratio Lower Upper
85 100
87 0.0 15.7 47.0#

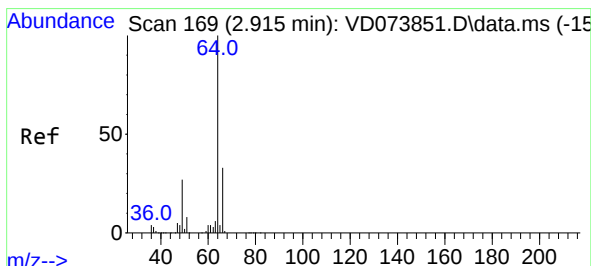
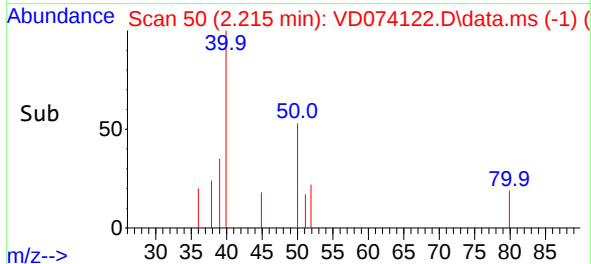
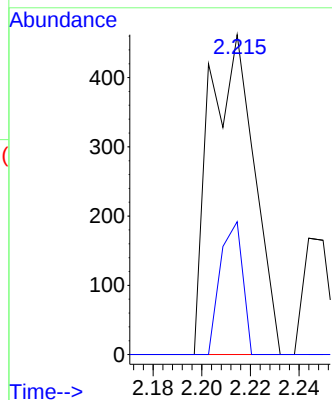
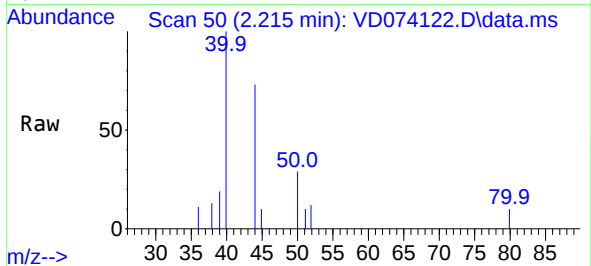




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

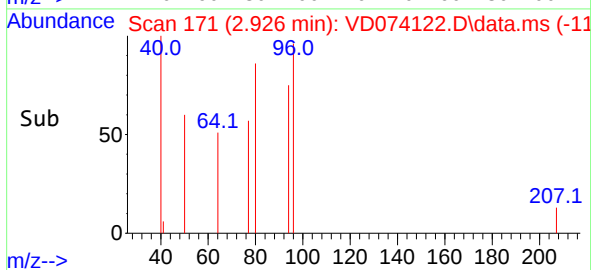
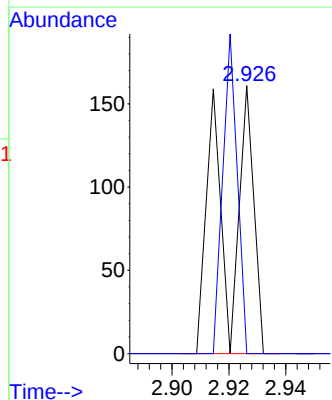
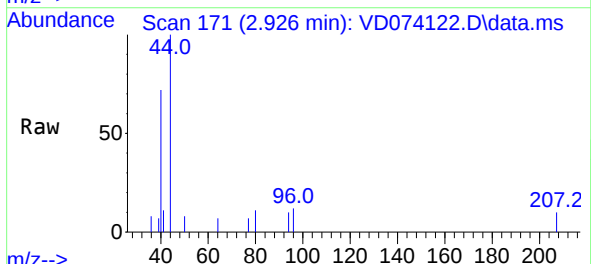
Instrument :
MSVOA_D
ClientSampleId :
S8

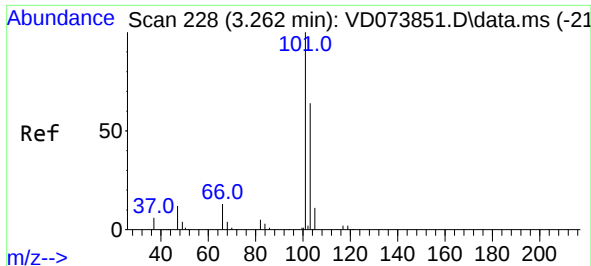
Tgt Ion: 50 Resp: 587
Ion Ratio Lower Upper
50 100
52 41.6 27.4 41.0#



#6
Chloroethane
Concen: Below Cal
RT: 2.926 min Scan# 171
Delta R.T. 0.011 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

Tgt Ion: 64 Resp: 113
Ion Ratio Lower Upper
64 100
66 0.0 25.9 38.9#

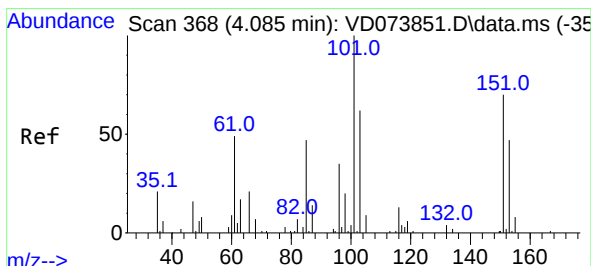
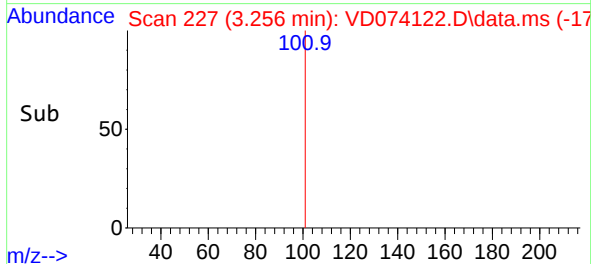
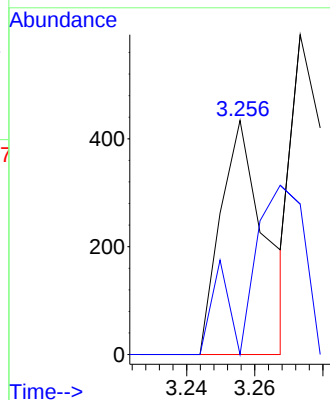
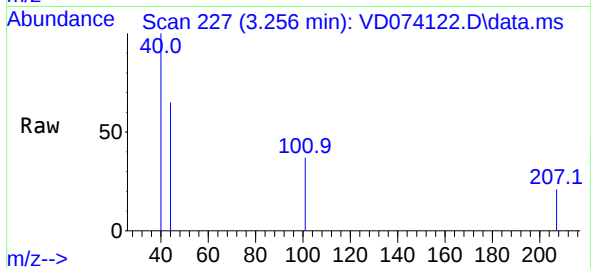




#7
Trichlorofluoromethane
Concen: Below Cal
RT: 3.256 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

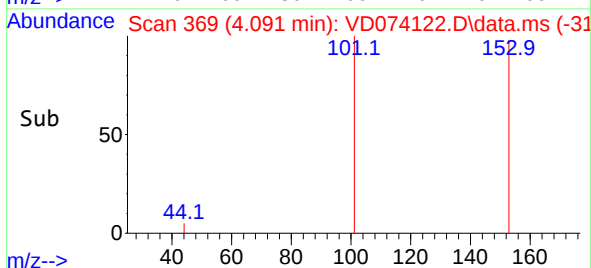
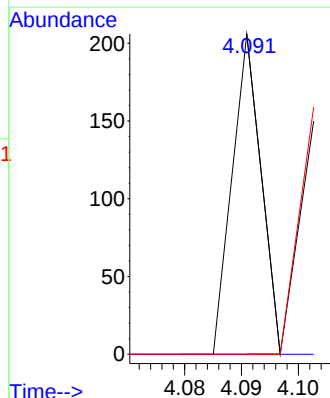
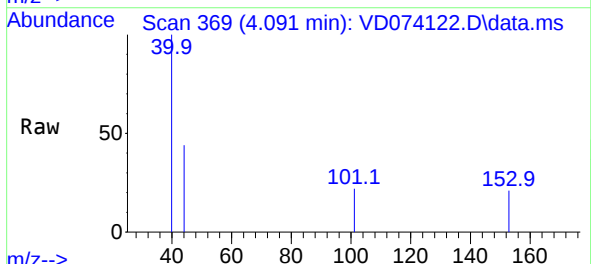
Instrument :
MSVOA_D
ClientSampleId :
S8

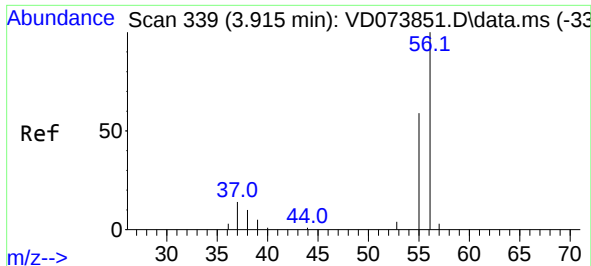
Tgt Ion:101 Resp: 394
Ion Ratio Lower Upper
101 100
103 0.0 50.1 75.1#



#9
1,1,2-Trichlorotrifluoroethane
Concen: Below Cal
RT: 4.091 min Scan# 369
Delta R.T. 0.006 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

Tgt Ion:101 Resp: 73
Ion Ratio Lower Upper
101 100
85 0.0 36.4 54.6#
151 0.0 57.3 85.9#

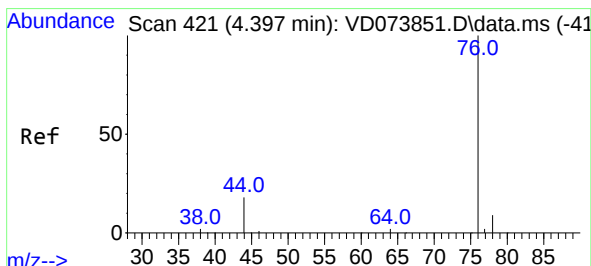
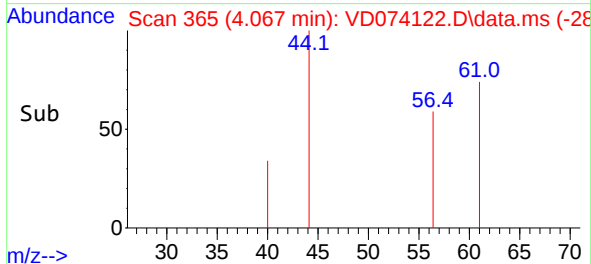
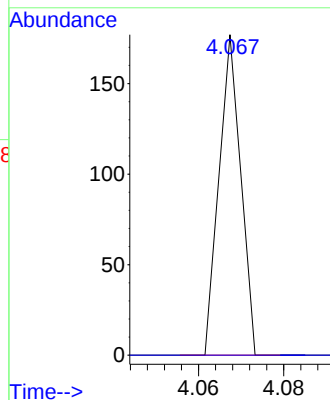
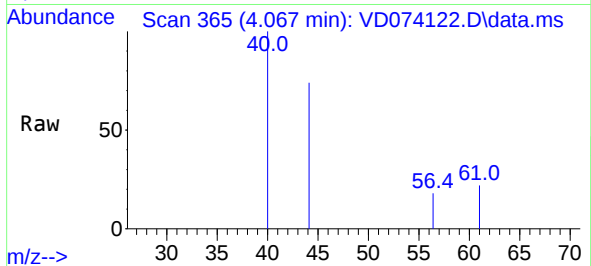




#13
Acrolein
Concen: Below Cal
RT: 4.067 min Scan# 30
Delta R.T. 0.152 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

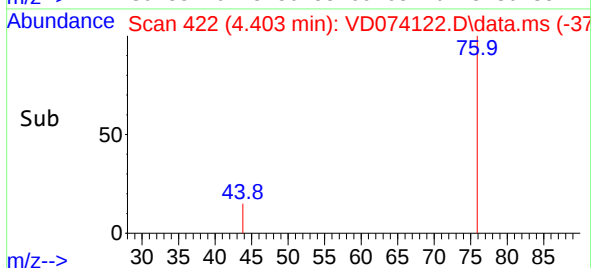
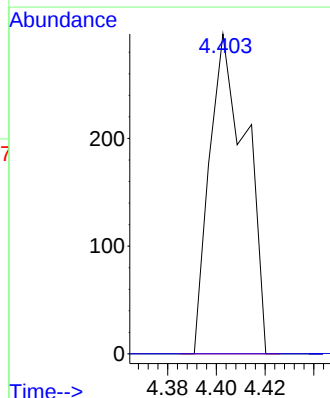
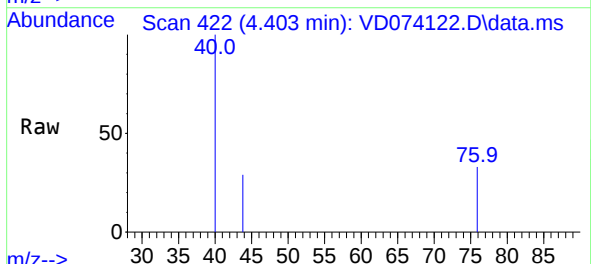
Instrument :
MSVOA_D
ClientSampleId :
S8

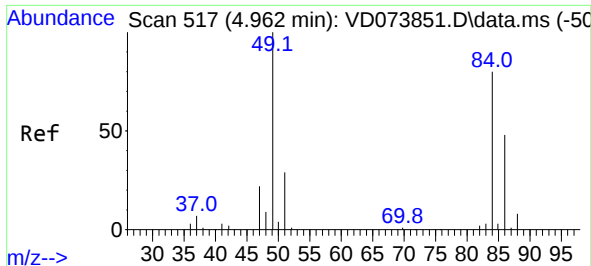
Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.403 min Scan# 422
Delta R.T. 0.006 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

Tgt Ion: 76 Resp: 311
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

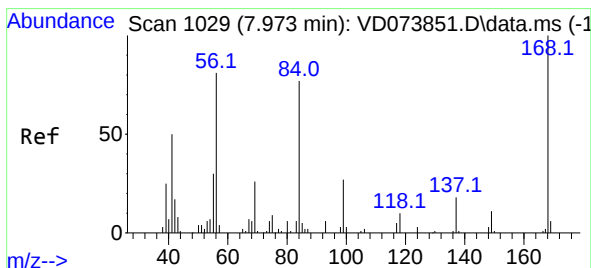
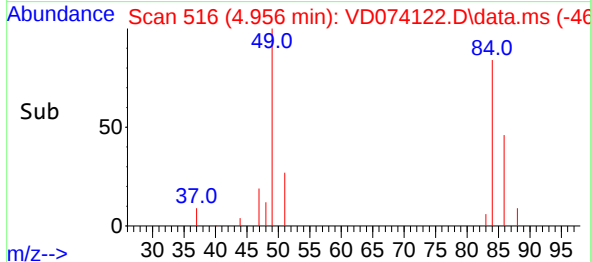
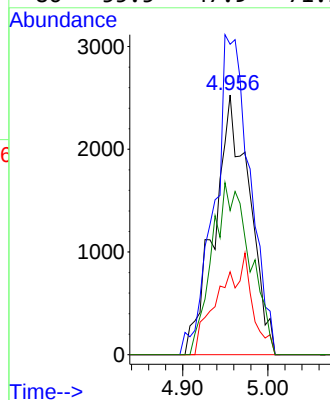
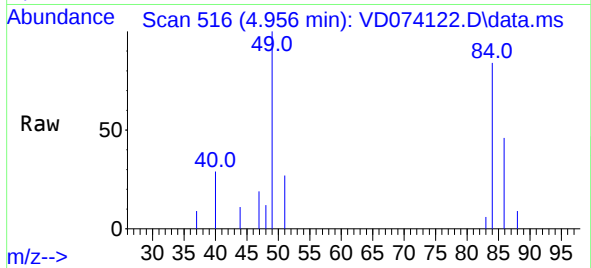




#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

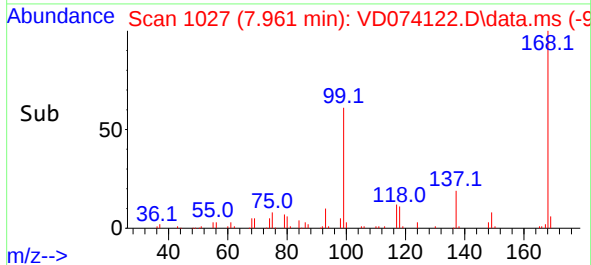
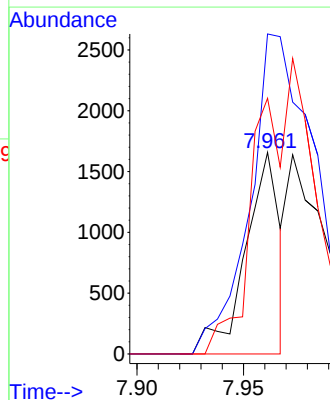
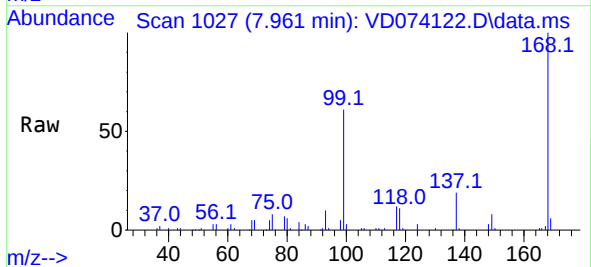
Instrument :
MSVOA_D
ClientSampleId :
S8

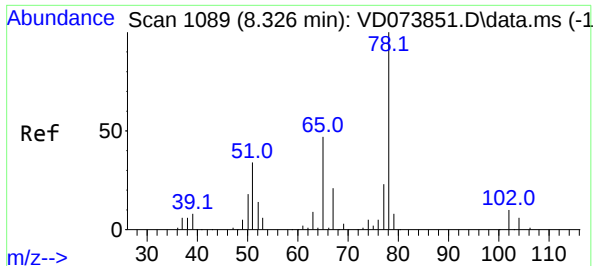
Tgt Ion:	84	Resp:	7267
Ion	Ratio	Lower	Upper
84	100		
49	119.5	112.8	169.2
51	32.0	32.6	48.8#
86	55.5	47.9	71.9



#31
Cyclohexane
Concen: Below Cal
RT: 7.961 min Scan# 1027
Delta R.T. -0.012 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

Tgt Ion:	56	Resp:	1847
Ion	Ratio	Lower	Upper
56	100		
69	158.8	25.4	38.2#
84	126.9	63.0	94.4#

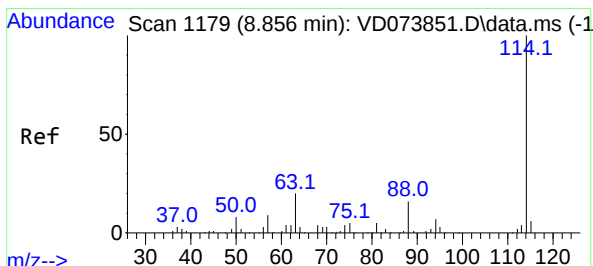
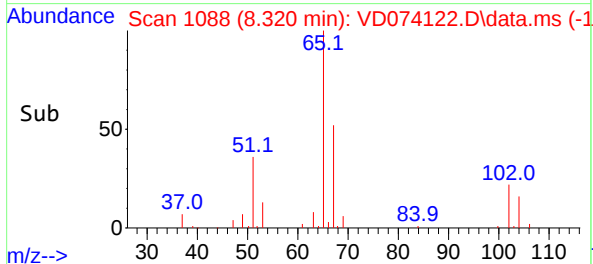
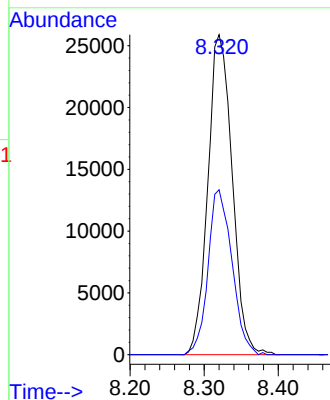
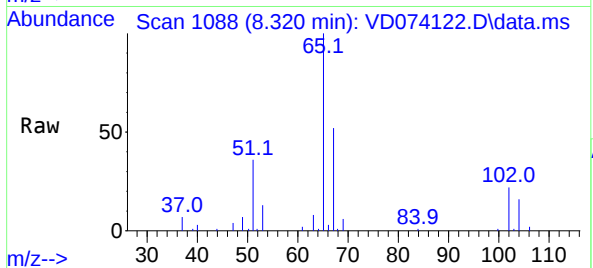




#33
1,2-Dichloroethane-d4
Concen: 51.307 ug/l
RT: 8.320 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

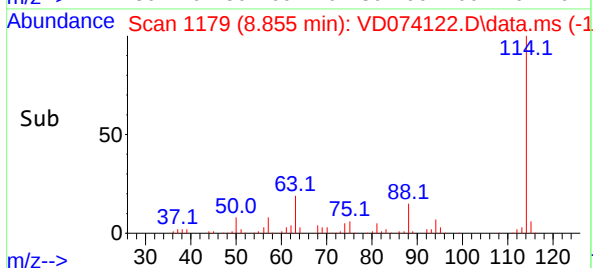
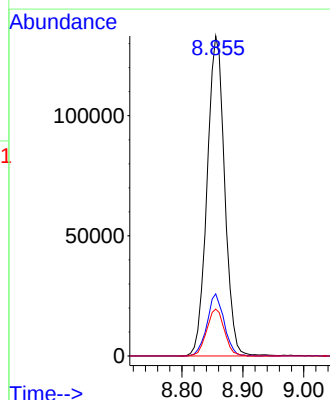
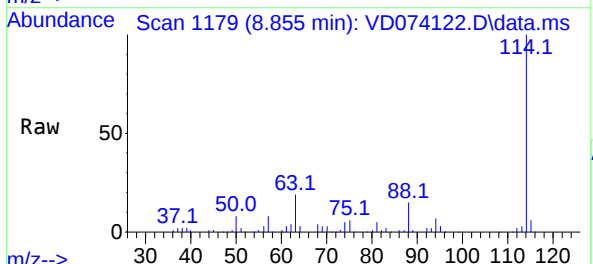
Instrument :
MSVOA_D
ClientSampleId :
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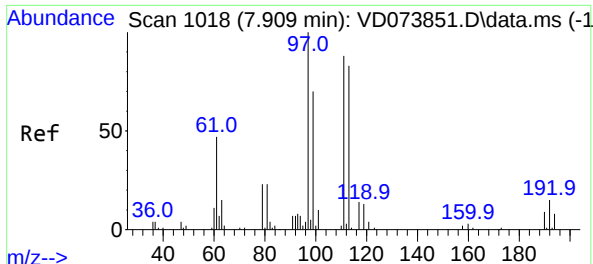
Tgt Ion: 65 Resp: 59209
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

Tgt Ion: 114 Resp: 266838
Ion Ratio Lower Upper
114 100
63 19.4 0.0 46.6
88 14.6 0.0 33.2

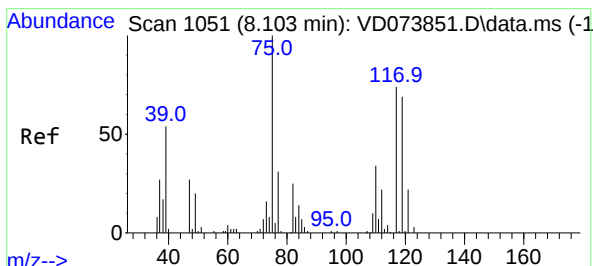
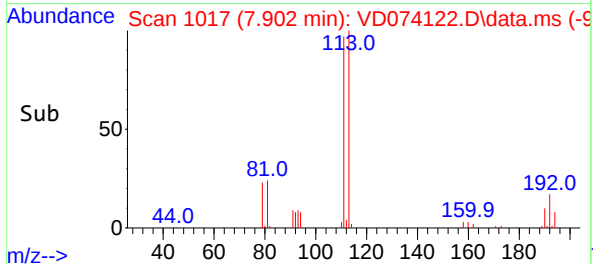
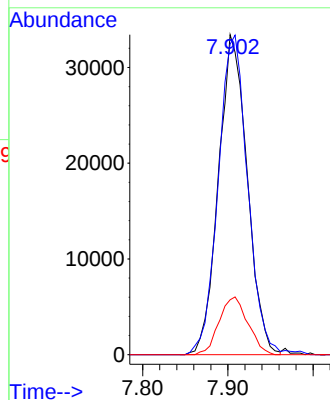
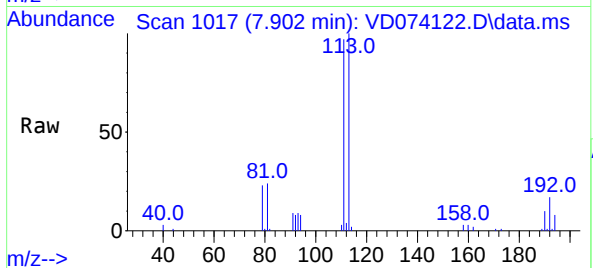




#35
Dibromofluoromethane
Concen: 45.938 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.007 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

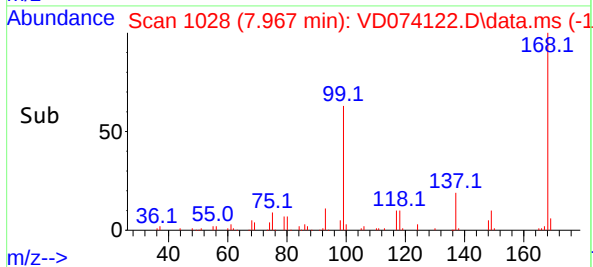
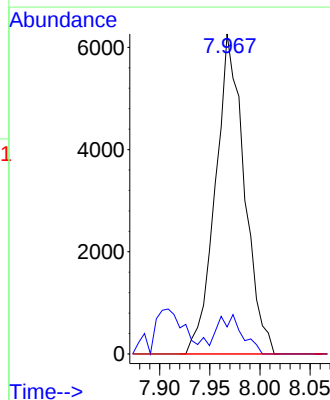
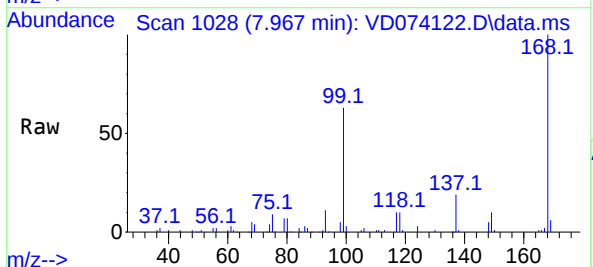
Instrument :
MSVOA_D
ClientSampleId :
S8

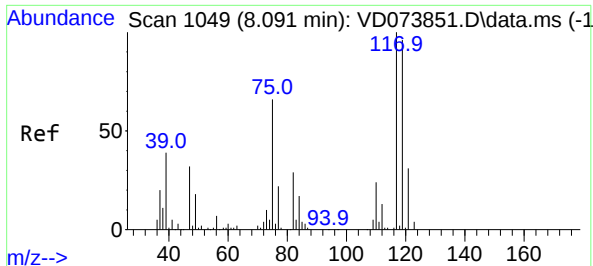
Tgt Ion:113 Resp: 78331
Ion Ratio Lower Upper
113 100
111 102.4 83.8 125.6
192 18.0 14.6 21.8



#36
1,1-Dichloropropene
Concen: 5.404 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.136 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

Tgt Ion: 75 Resp: 12566
Ion Ratio Lower Upper
75 100
110 11.7 16.4 49.1#
77 0.0 24.2 36.2#

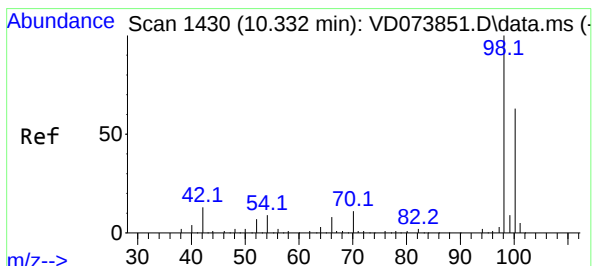
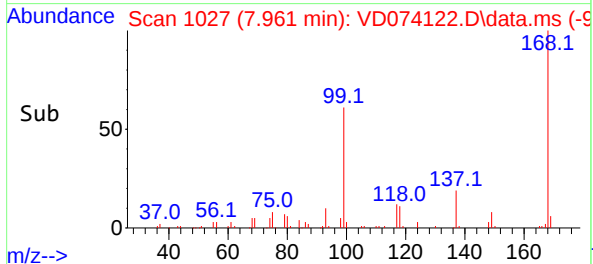
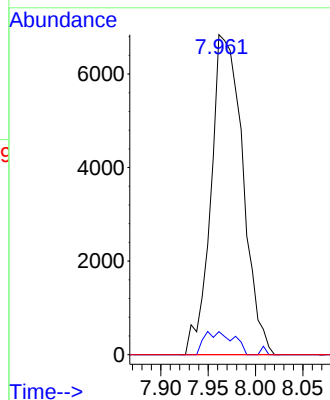
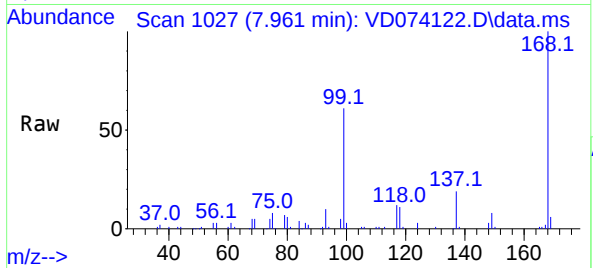




#38
Carbon Tetrachloride
Concen: 5.953 ug/l
RT: 7.961 min Scan# 1049
Delta R.T. -0.130 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

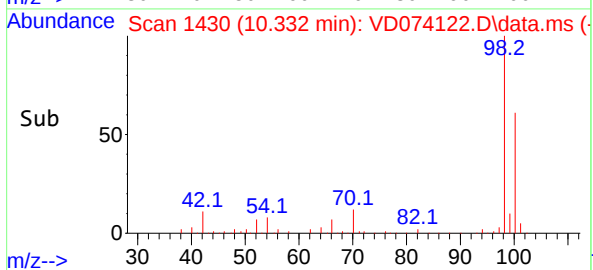
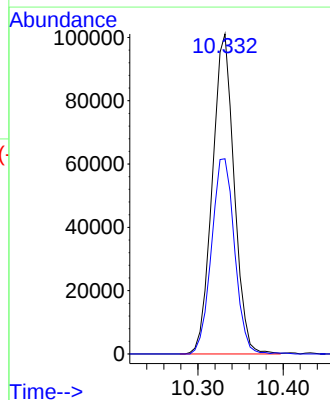
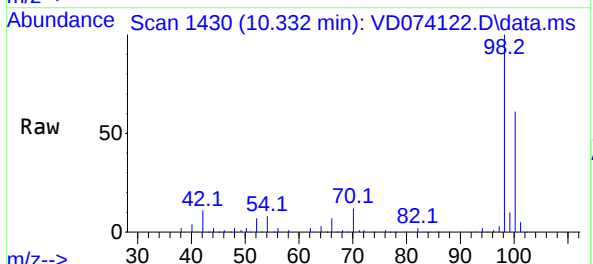
Instrument :
MSVOA_D
ClientSampleId :
S8

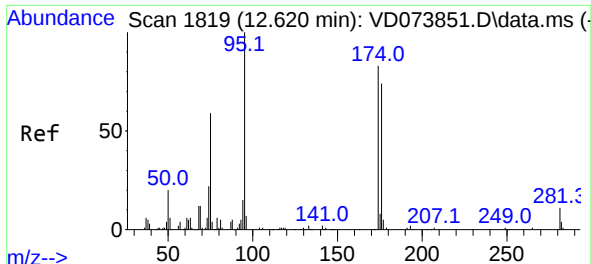
Tgt Ion:117 Resp: 15977
Ion Ratio Lower Upper
117 100
119 7.2 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 34.665 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

Tgt Ion: 98 Resp: 179464
Ion Ratio Lower Upper
98 100
100 64.4 52.4 78.6

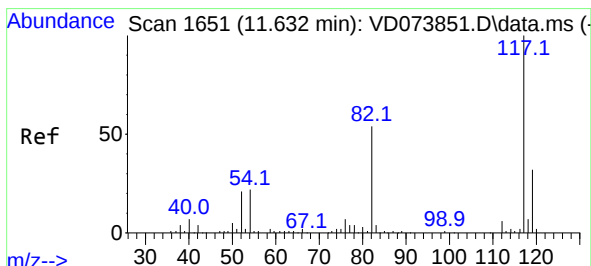
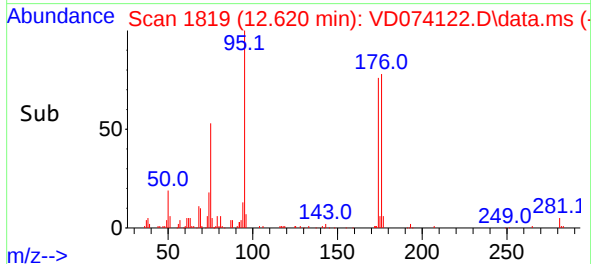
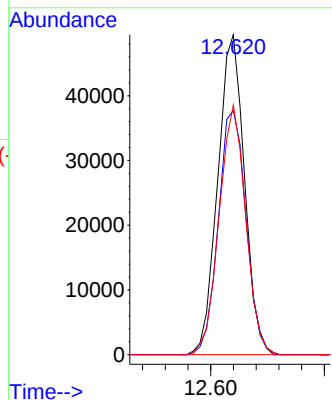
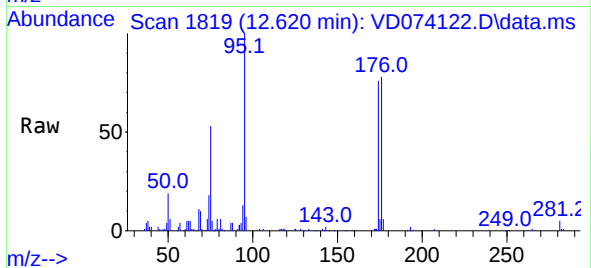




#62
4-Bromofluorobenzene
Concen: 37.621 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

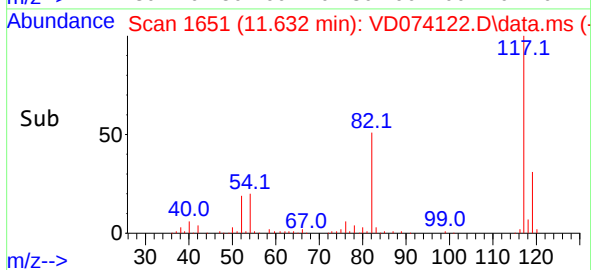
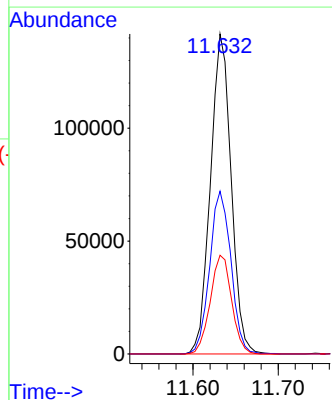
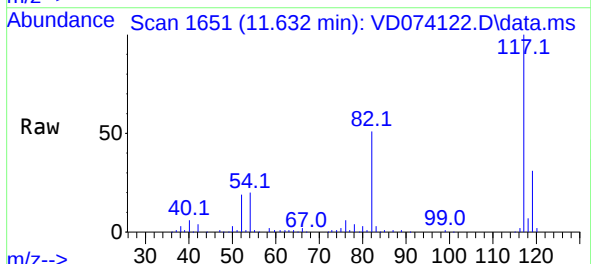
Instrument :
MSVOA_D
ClientSampleId :
S8

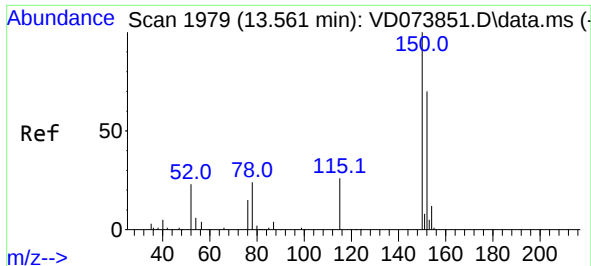
Tgt Ion: 95 Resp: 80429
Ion Ratio Lower Upper
95 100
174 79.3 0.0 152.8
176 77.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

Tgt Ion: 117 Resp: 239436
Ion Ratio Lower Upper
117 100
82 50.8 45.3 67.9
119 30.9 26.6 40.0

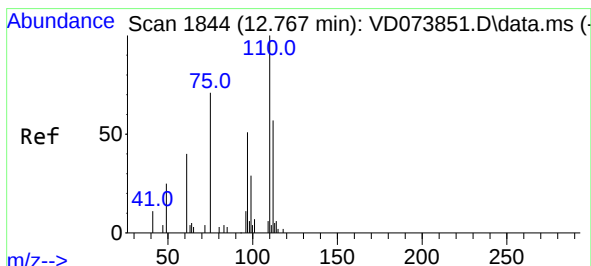
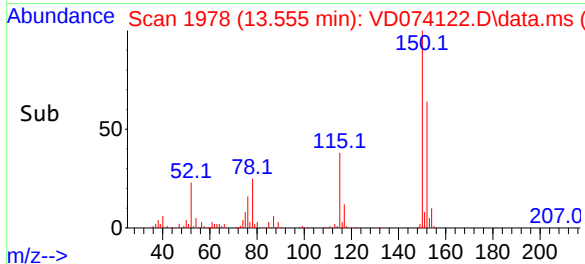
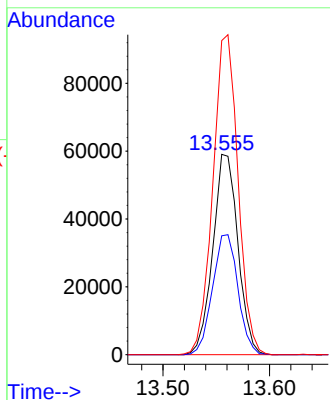
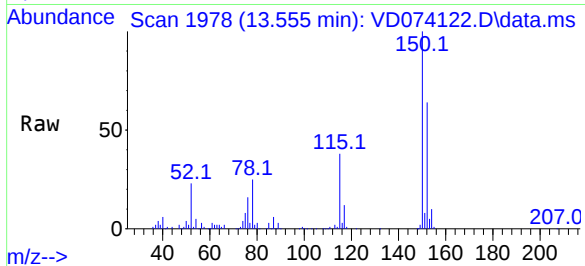




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.555 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD074122.D
 Acq: 17 Aug 2022 14:14

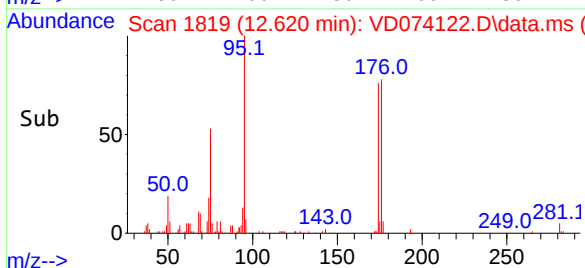
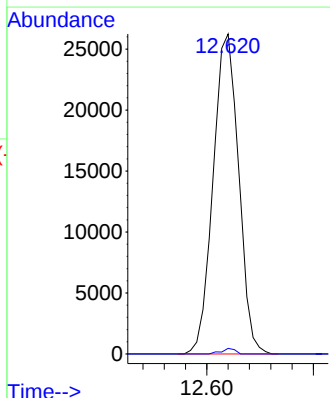
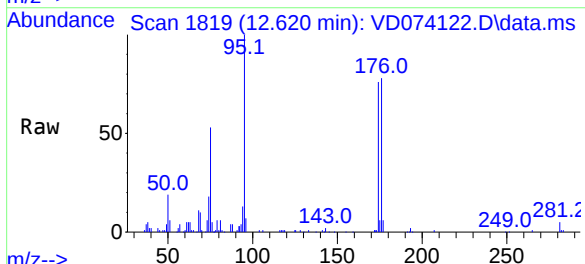
Instrument :
 MSVOA_D
 ClientSampleId :
 S8

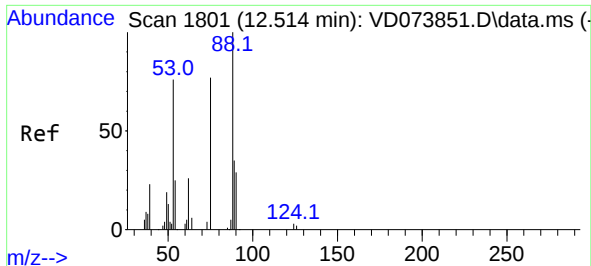
Tgt Ion:152 Resp: 96610
 Ion Ratio Lower Upper
 152 100
 115 60.7 31.3 93.8
 150 159.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 50.667 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD074122.D
 Acq: 17 Aug 2022 14:14

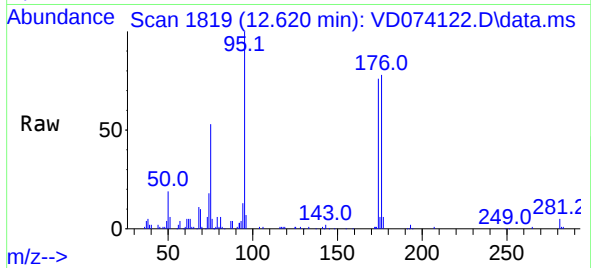
Tgt Ion: 75 Resp: 43618
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 141.305 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074122.D
Acq: 17 Aug 2022 14:14

Instrument :
MSVOA_D
ClientSampleId :
S8



Tgt Ion: 75 Resp: 43618
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

