

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
 Data File : VD073126.D
 Acq On : 19 May 2022 05:39
 Operator : VA/SY
 Sample : N2842-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P009-SS003-2430-02

Quant Time: May 19 06:14:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 04:58:34 2022
 Response via : Initial Calibration

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

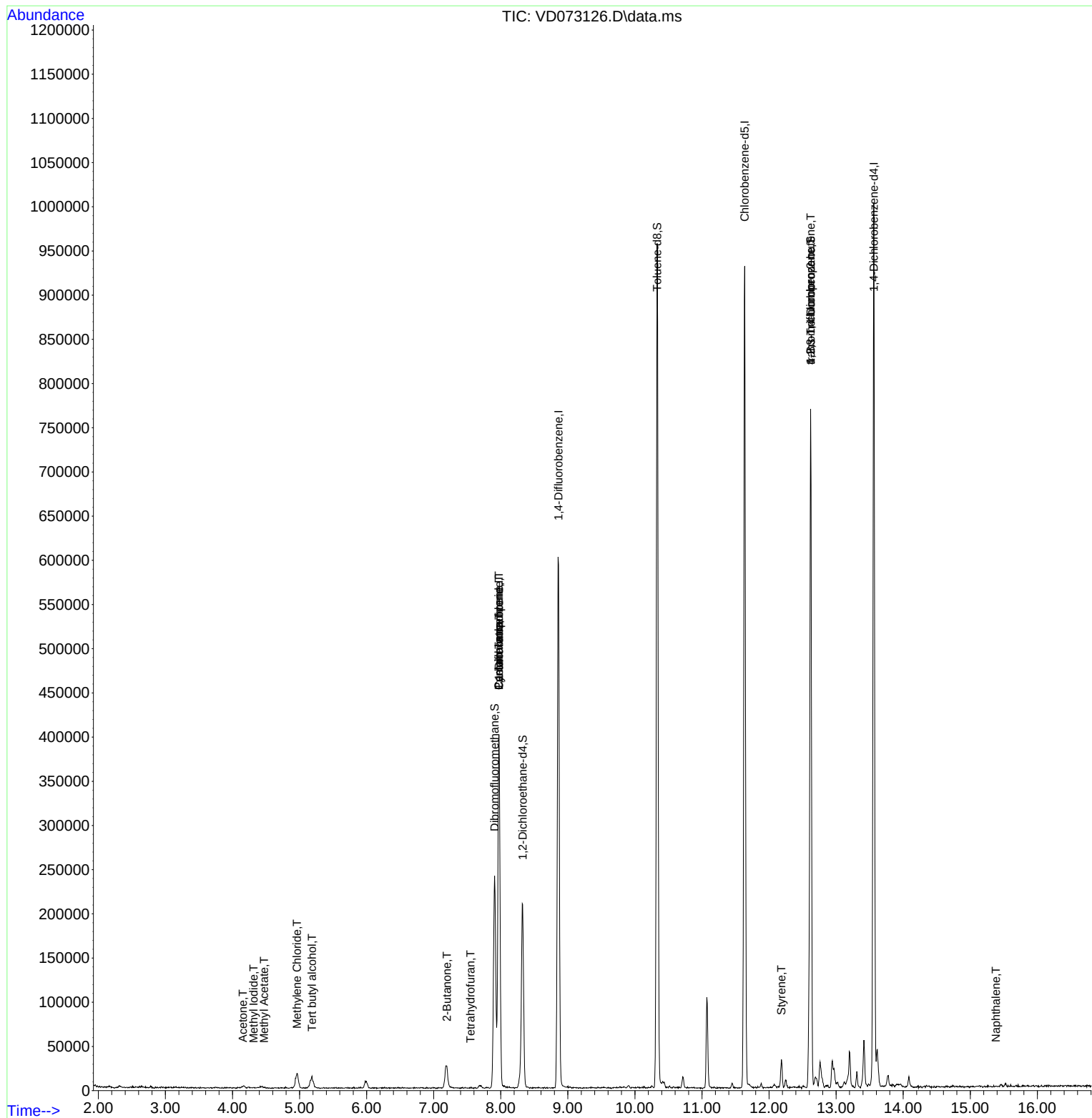
Internal Standards						
1) Pentafluorobenzene	7.973	168	284128	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	515579	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	534449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	252122	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	166568	46.878	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.760%		
35) Dibromofluoromethane	7.908	113	176304	48.703	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.400%		
50) Toluene-d8	10.332	98	639436	48.691	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	97.380%		
62) 4-Bromofluorobenzene	12.620	95	249502	52.455	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	104.900%		
Target Compounds						Qvalue
10) Methyl Iodide	4.314	142	186	4.320	ug/l #	83
11) Tert butyl alcohol	5.185	59	7754	14.108	ug/l #	74
16) Acetone	4.156	43	3869	6.017	ug/l #	55
18) Methyl Acetate	4.473	43	126	1.523	ug/l #	55
20) Methylene Chloride	4.961	84	12501	2.679	ug/l #	87
25) 2-Butanone	7.197	43	1934	1.986	ug/l #	52
29) Tetrahydrofuran	7.550	42	651	1.039	ug/l #	38
31) Cyclohexane	7.973	56	6723	1.050	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	23113	3.919	ug/l #	51
38) Carbon Tetrachloride	7.973	117	30660	5.081	ug/l #	17
70) Styrene	12.185	104	15552	1.181	ug/l	86
76) 1,2,3-Trichloropropane	12.620	75	125578	44.061	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	125578	105.649	ug/l #	7
95) Naphthalene	15.384	128	54	4.265	ug/l #	70

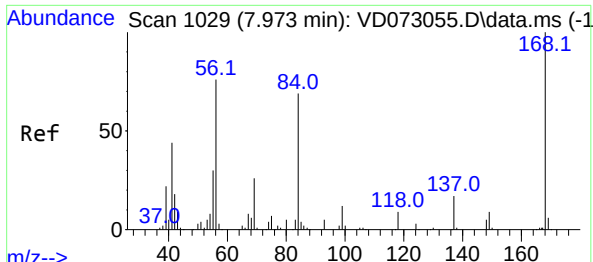
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051822\
Data File : VD073126.D
Acq On : 19 May 2022 05:39
Operator : VA/SY
Sample : N2842-01
Misc : 5.09G/5.00ml/MSVOA_D/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P009-SS003-2430-02

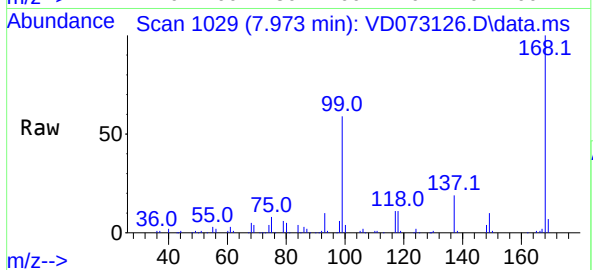
Quant Time: May 19 06:14:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051722S.M
Quant Title : SW846 8260
QLast Update : Wed May 18 04:58:34 2022
Response via : Initial Calibration



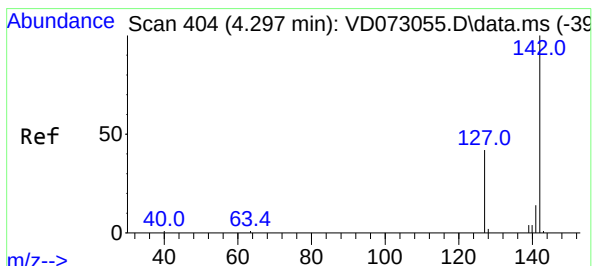
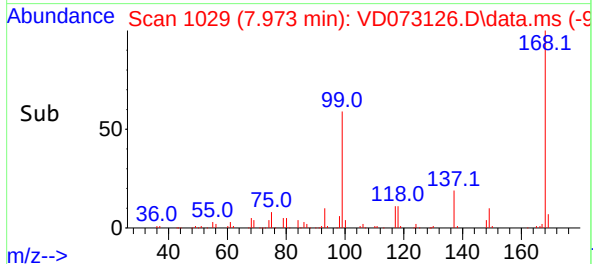
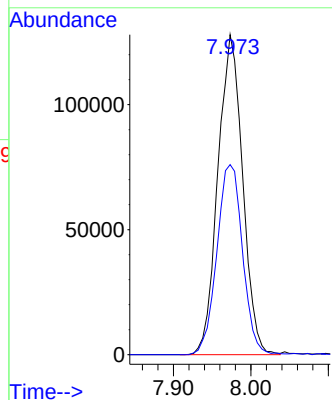


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

Instrument :
MSVOA_D
ClientSampleId :
P009-SS003-2430-02

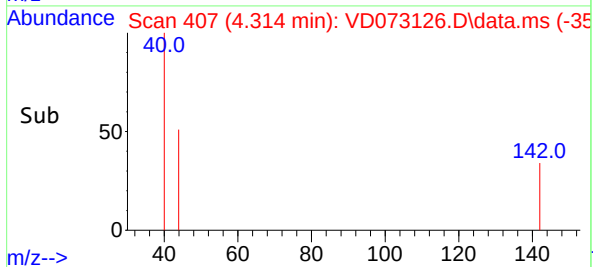
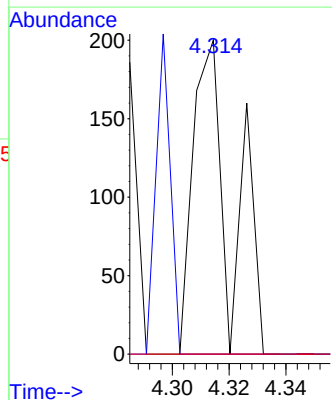
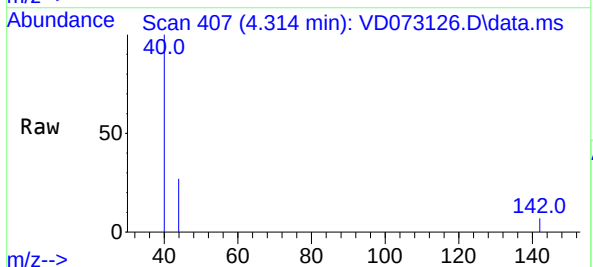


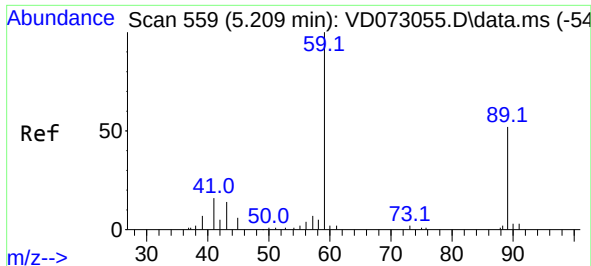
Tgt Ion:168 Resp: 284128
Ion Ratio Lower Upper
168 100
99 59.4 49.8 74.6



#10
Methyl Iodide
Concen: 4.320 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.017 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

Tgt Ion:142 Resp: 186
Ion Ratio Lower Upper
142 100
127 38.7 37.3 55.9
141 0.0 11.7 17.5#

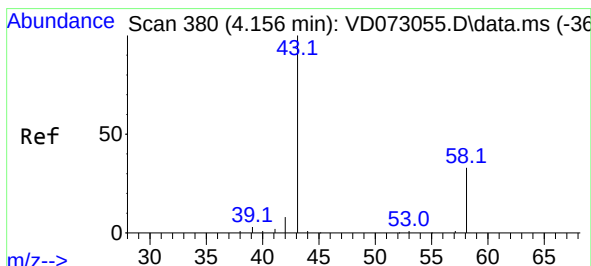
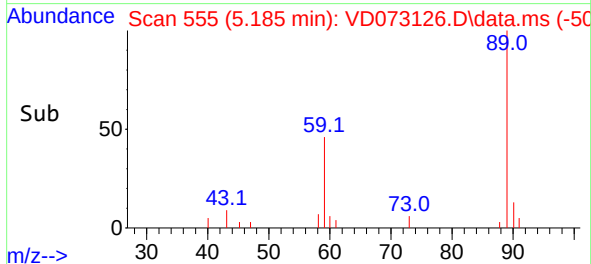
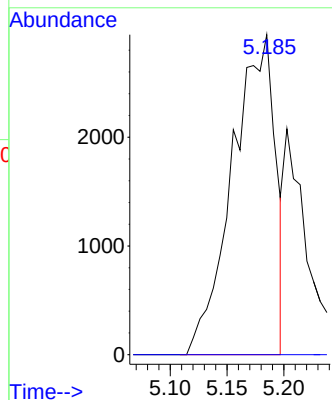
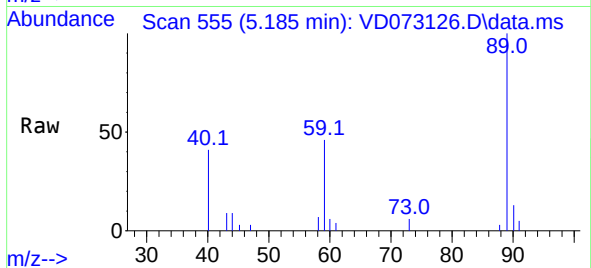




#11
Tert butyl alcohol
Concen: 14.108 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

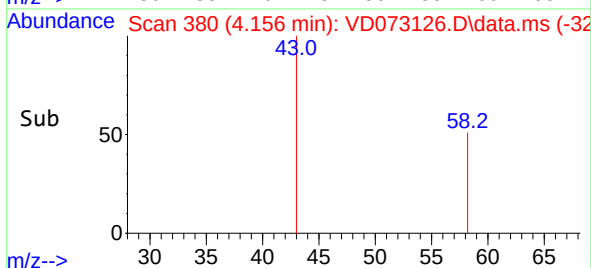
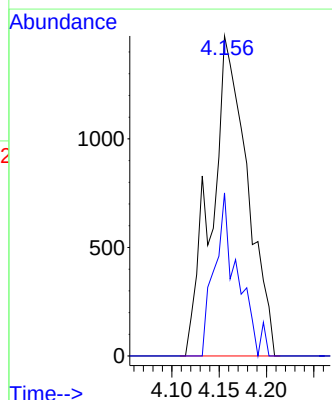
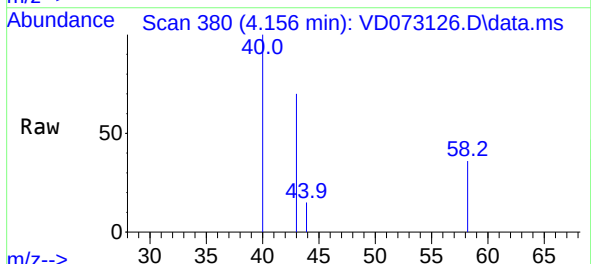
Instrument :
MSVOA_D
ClientSampleId :
P009-SS003-2430-02

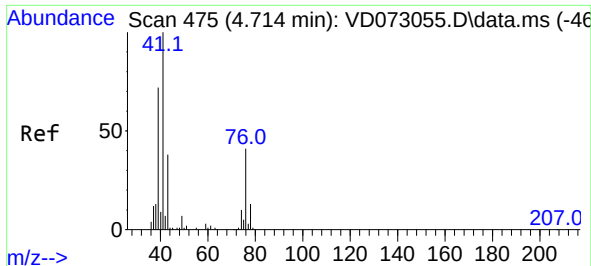
Tgt Ion: 59 Resp: 7754
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 6.017 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

Tgt Ion: 43 Resp: 3869
Ion Ratio Lower Upper
43 100
58 50.9 22.1 33.1#

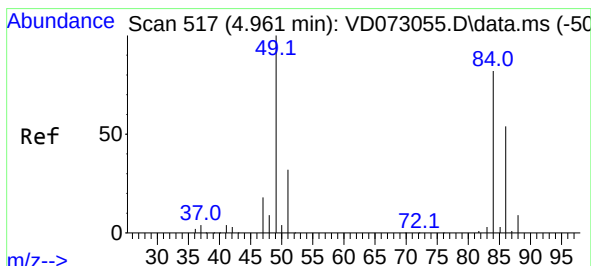
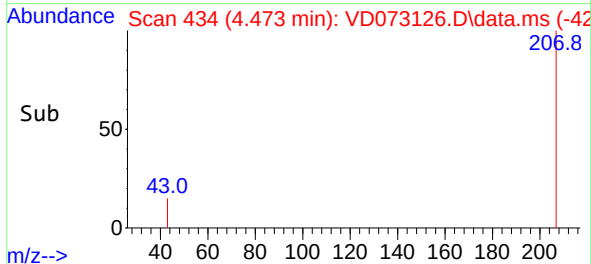
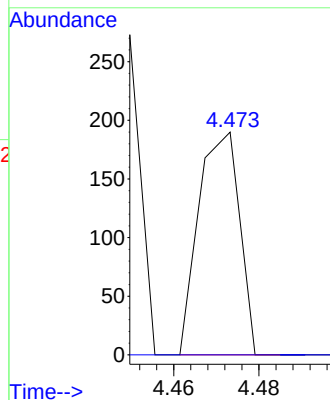
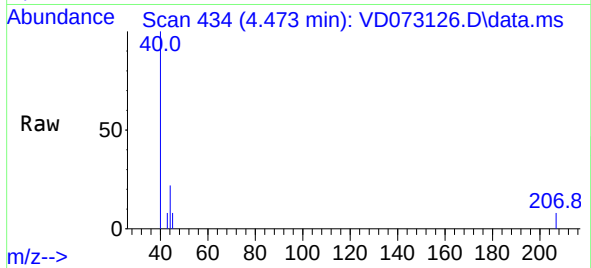




#18
Methyl Acetate
Concen: 1.523 ug/l
RT: 4.473 min Scan# 41
Delta R.T. -0.241 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

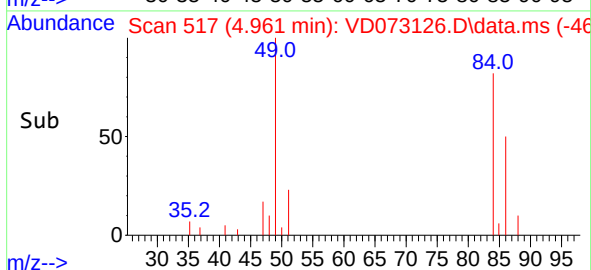
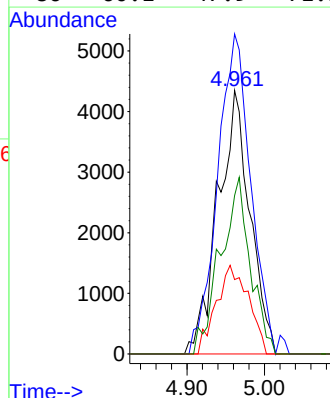
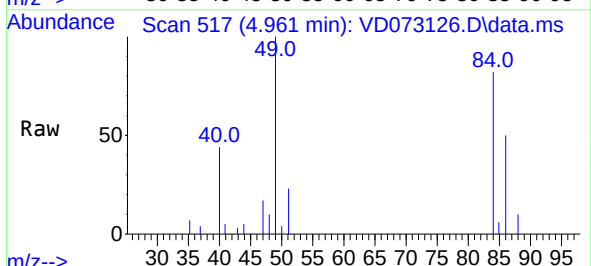
Instrument :
MSVOA_D
ClientSampleId :
P009-SS003-2430-02

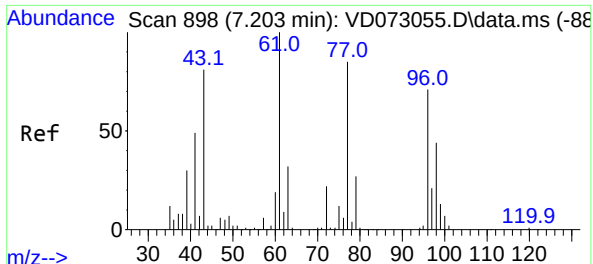
Tgt Ion: 43 Resp: 126
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 2.679 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

Tgt Ion: 84 Resp: 12501
Ion Ratio Lower Upper
84 100
49 121.5 112.8 169.2
51 28.2 32.6 48.8#
86 60.1 47.9 71.9

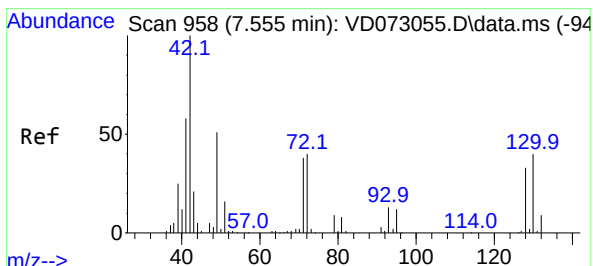
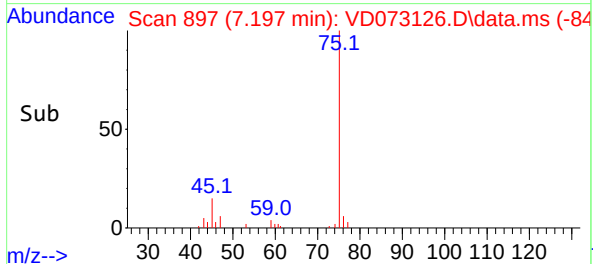
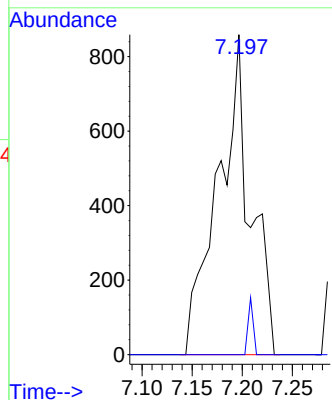
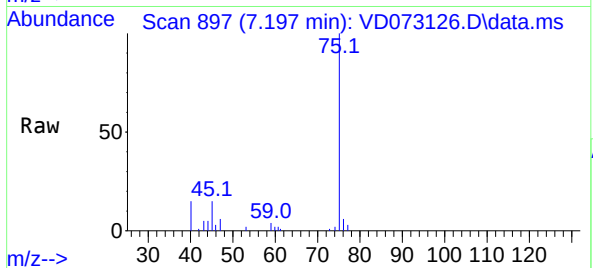




#25
2-Butanone
Concen: 1.986 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

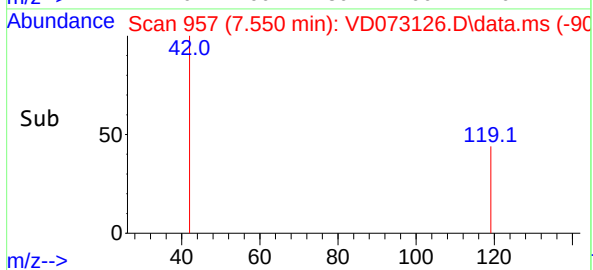
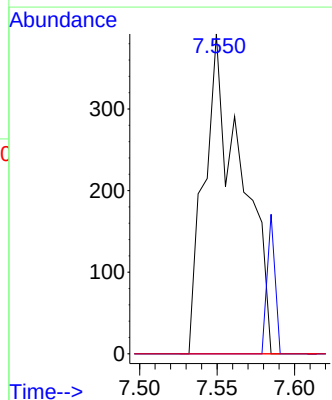
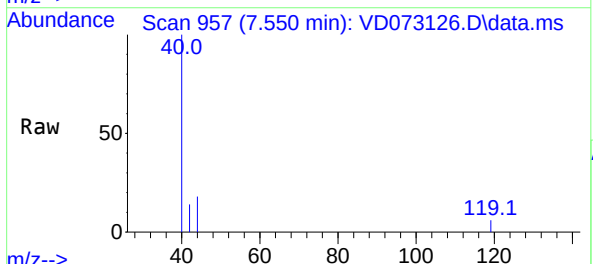
Instrument :
MSVOA_D
ClientSampleId :
P009-SS003-2430-02

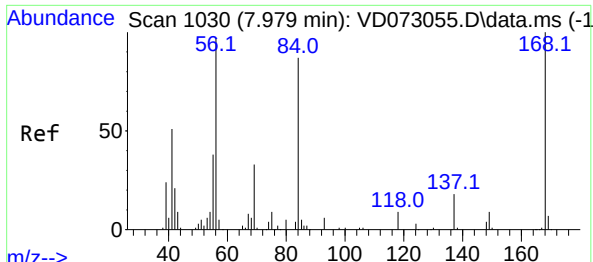
Tgt Ion: 43 Resp: 1934
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#29
Tetrahydrofuran
Concen: 1.039 ug/l
RT: 7.550 min Scan# 957
Delta R.T. -0.006 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

Tgt Ion: 42 Resp: 651
Ion Ratio Lower Upper
42 100
72 0.0 30.7 46.1#
71 0.0 28.6 43.0#





#31

Cyclohexane

Concen: 1.050 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073126.D

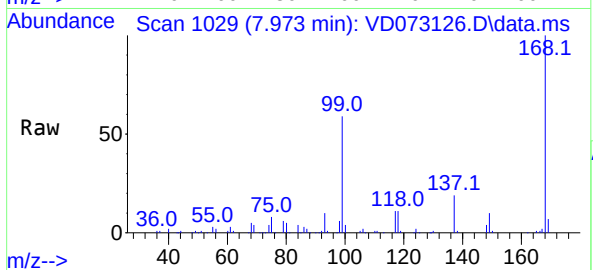
Acq: 19 May 2022 05:39

Instrument :

MSVOA_D

ClientSampleId :

P009-SS003-2430-02



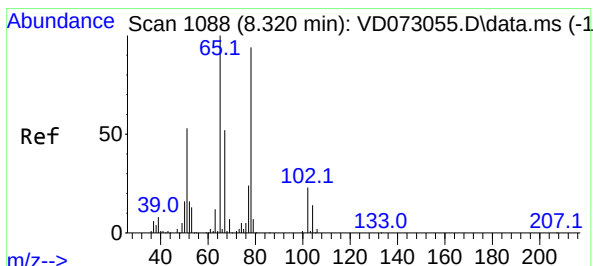
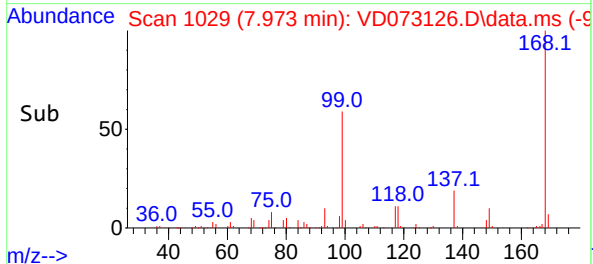
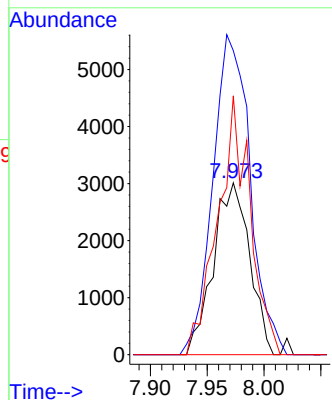
Tgt Ion: 56 Resp: 6723

Ion Ratio Lower Upper

56 100

69 176.8 25.4 38.2#

84 150.6 63.0 94.4#



#33

1,2-Dichloroethane-d4

Concen: 46.878 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD073126.D

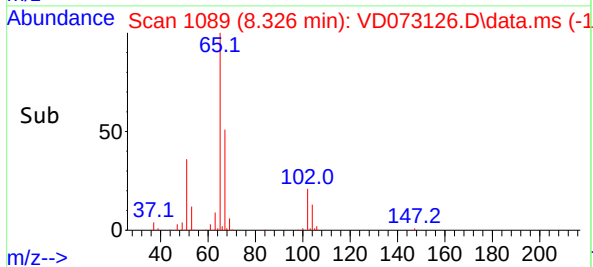
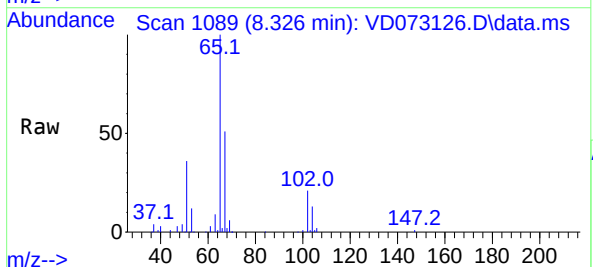
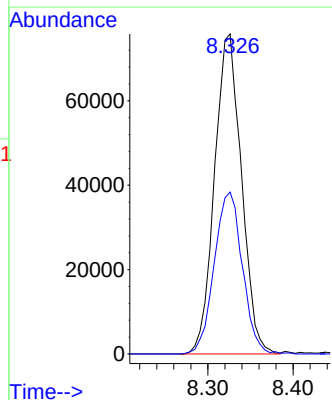
Acq: 19 May 2022 05:39

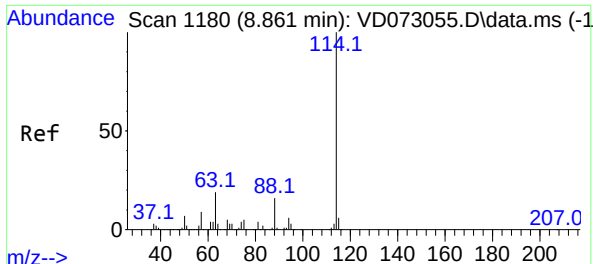
Tgt Ion: 65 Resp: 166568

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4

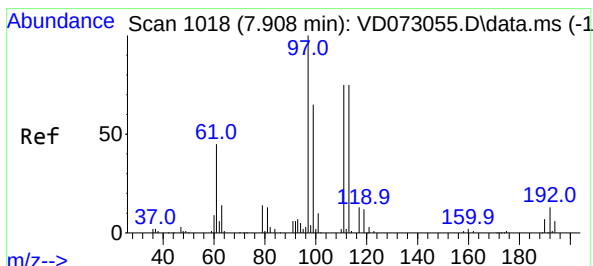
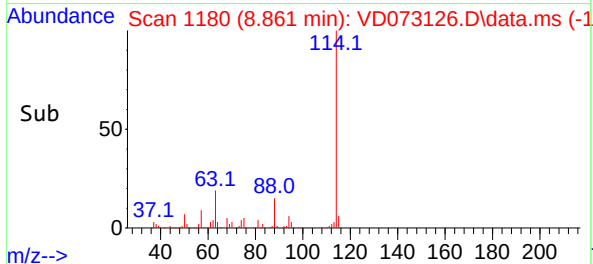
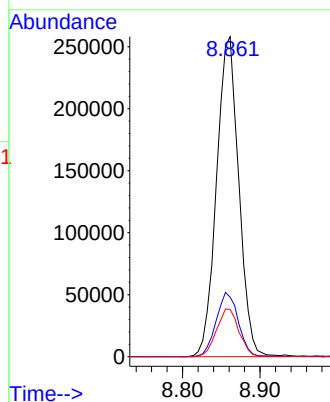
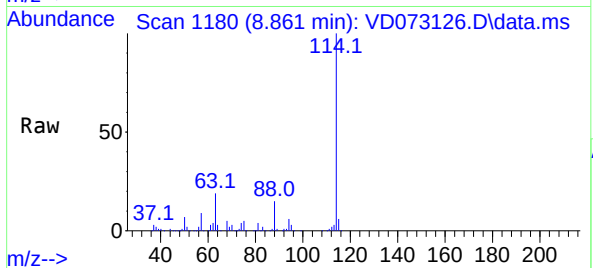




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

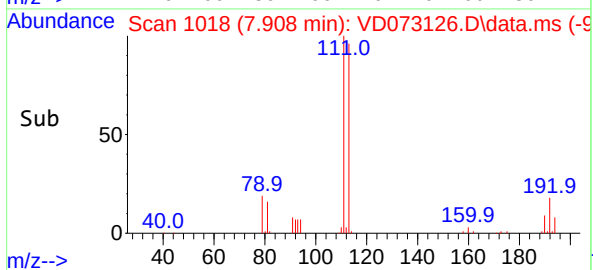
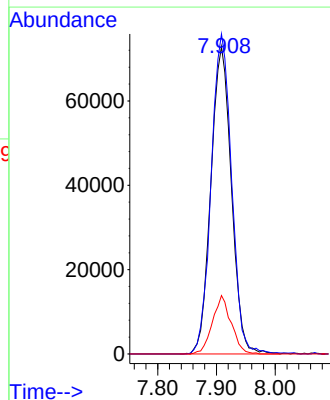
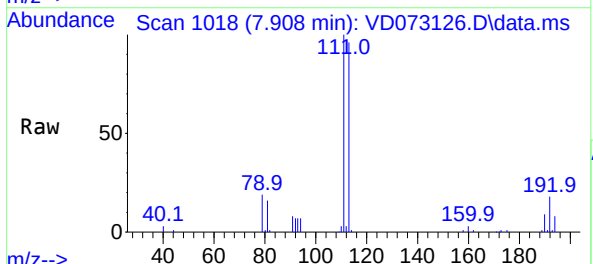
Instrument :
MSVOA_D
ClientSampleId :
P009-SS003-2430-02

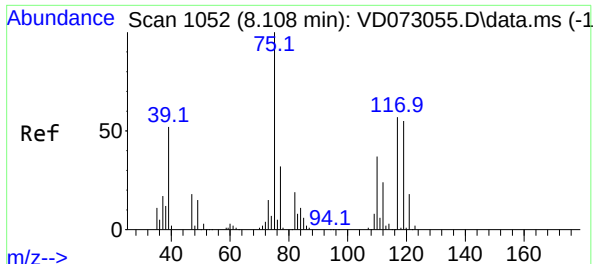
Tgt Ion:	114	Resp:	515579
Ion	Ratio	Lower	Upper
114	100		
63	18.6	0.0	46.6
88	14.8	0.0	33.2



#35
Dibromofluoromethane
Concen: 48.703 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

Tgt Ion:	113	Resp:	176304
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.8	125.6
192	17.3	14.6	21.8





#36

1,1-Dichloropropene

Concen: 3.919 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073126.D

Acq: 19 May 2022 05:39

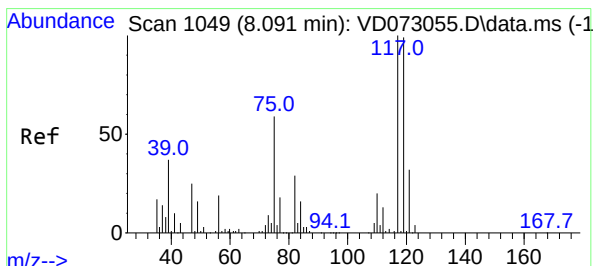
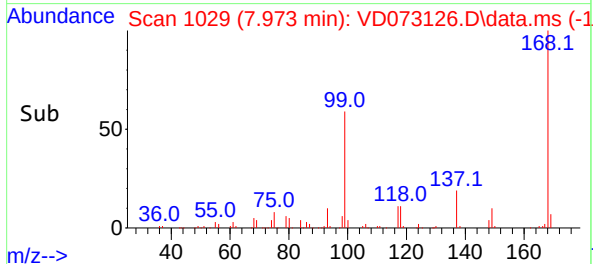
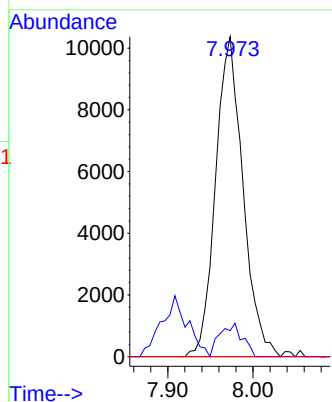
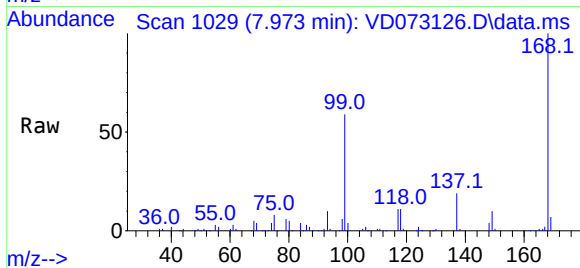
Instrument :

MSVOA_D

ClientSampleId :

P009-SS003-2430-02

Tgt Ion:	75	Resp:	23113
Ion	Ratio	Lower	Upper
75	100		
110	8.6	16.4	49.1#
77	0.0	24.2	36.2#



#38

Carbon Tetrachloride

Concen: 5.081 ug/l

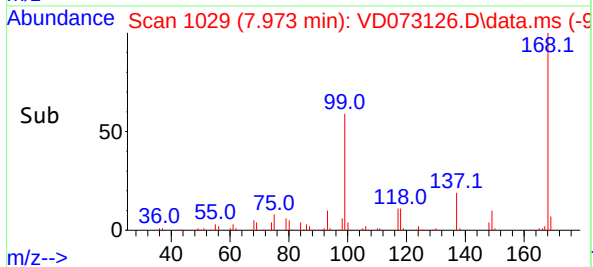
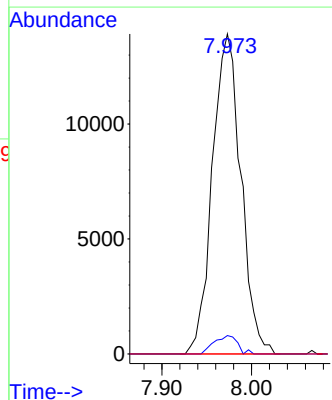
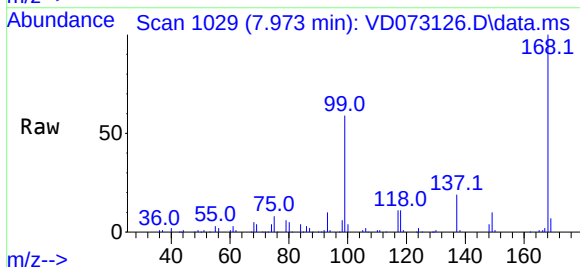
RT: 7.973 min Scan# 1029

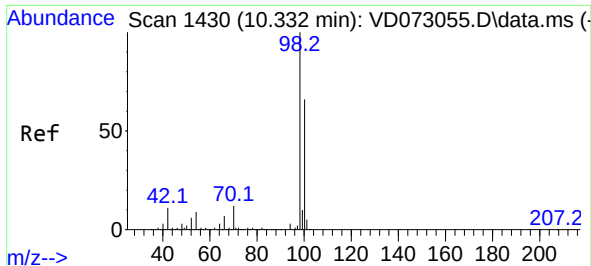
Delta R.T. -0.118 min

Lab File: VD073126.D

Acq: 19 May 2022 05:39

Tgt Ion:	117	Resp:	30660
Ion	Ratio	Lower	Upper
117	100		
119	5.8	75.8	113.6#
121	0.0	24.5	36.7#

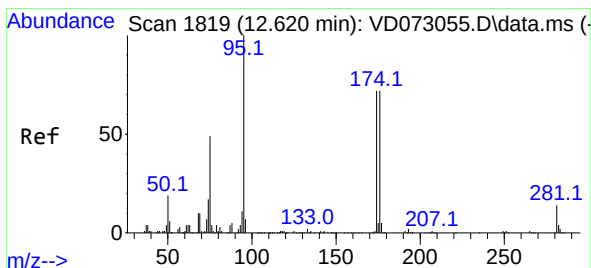
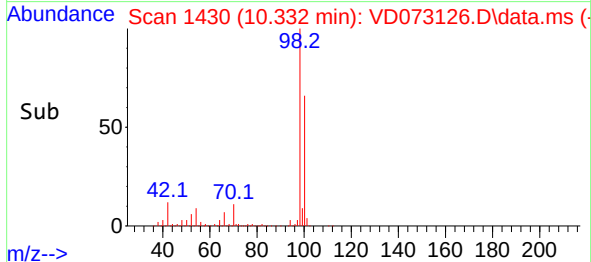
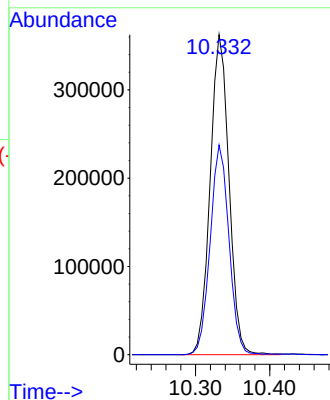
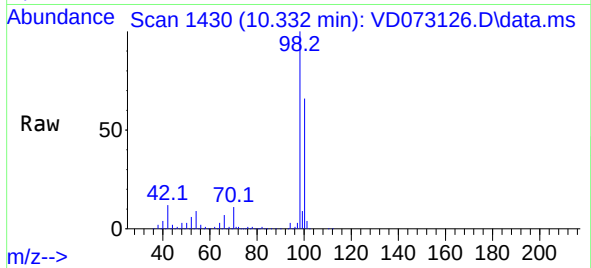




#50
Toluene-d8
Concen: 48.691 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

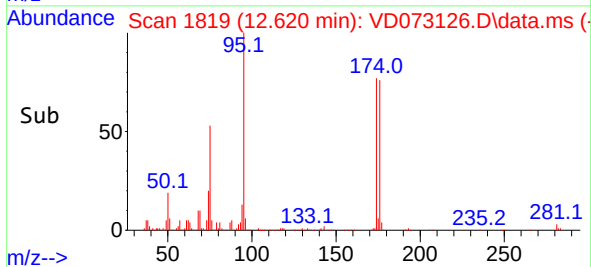
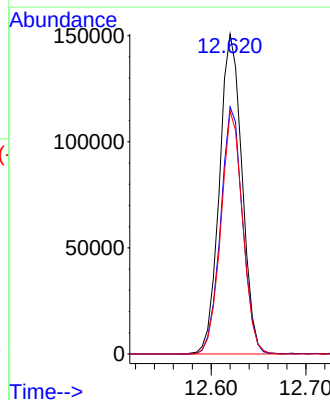
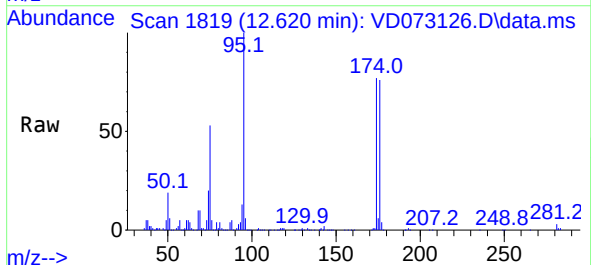
Instrument :
MSVOA_D
ClientSampleId :
P009-SS003-2430-02

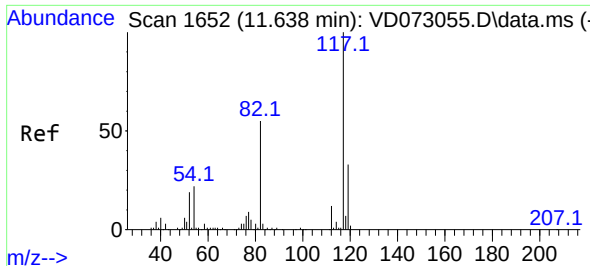
Tgt Ion: 98 Resp: 639436
Ion Ratio Lower Upper
98 100
100 65.6 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 52.455 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

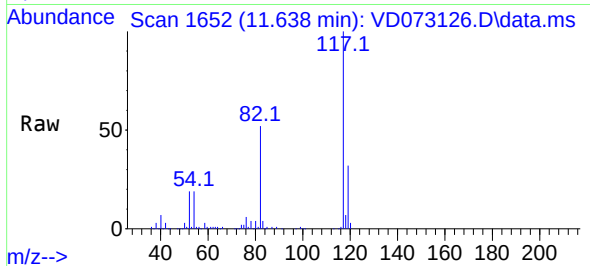
Tgt Ion: 95 Resp: 249502
Ion Ratio Lower Upper
95 100
174 75.4 0.0 152.8
176 73.1 0.0 145.4



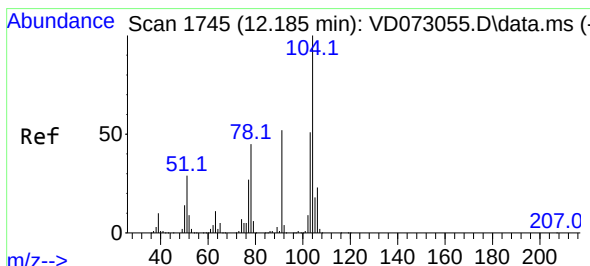
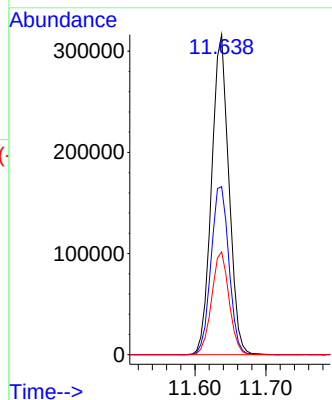
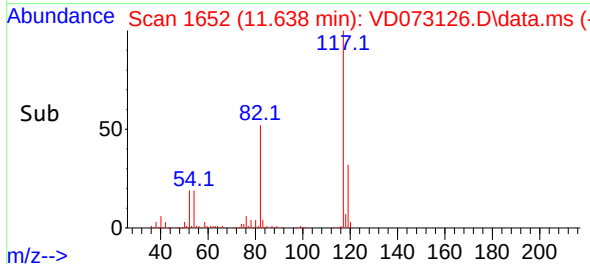


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

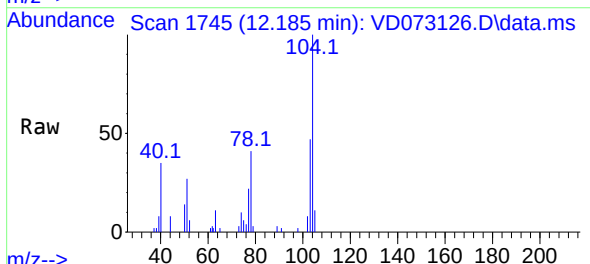
Instrument :
MSVOA_D
ClientSampleId :
P009-SS003-2430-02



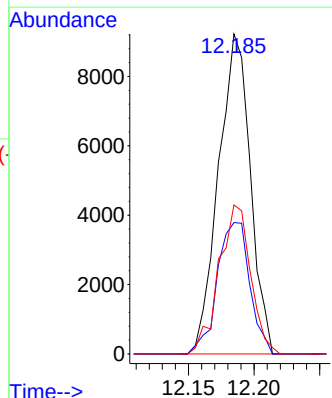
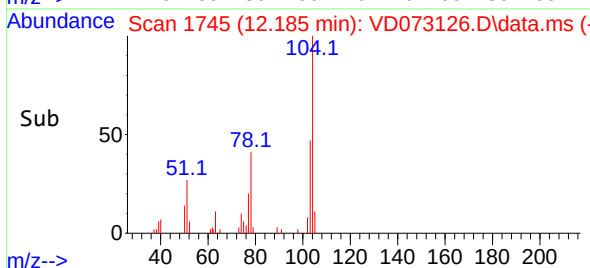
Tgt Ion:117 Resp: 534449
Ion Ratio Lower Upper
117 100
82 52.5 45.3 67.9
119 32.1 26.6 40.0

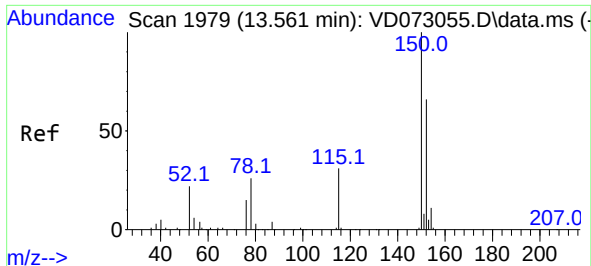


#70
Styrene
Concen: 1.181 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39



Tgt Ion:104 Resp: 15552
Ion Ratio Lower Upper
104 100
78 42.0 41.8 62.8
103 46.1 44.2 66.4

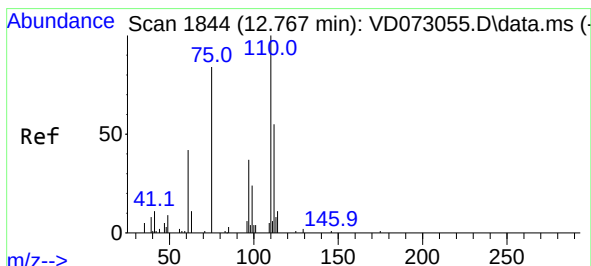
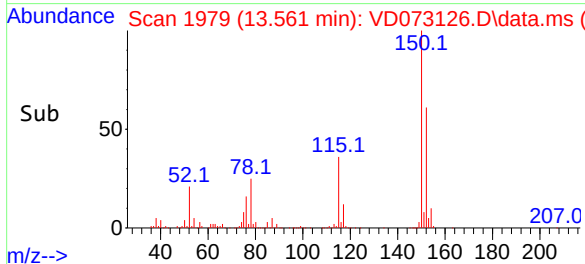
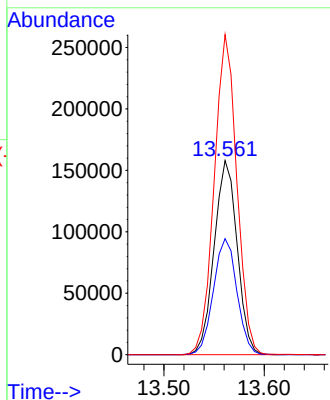
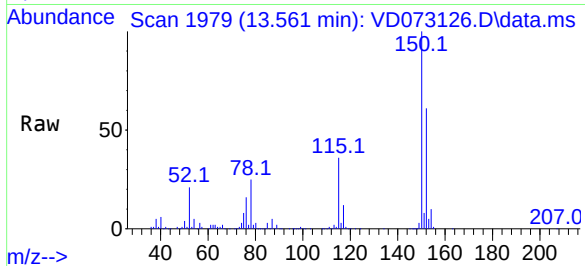




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

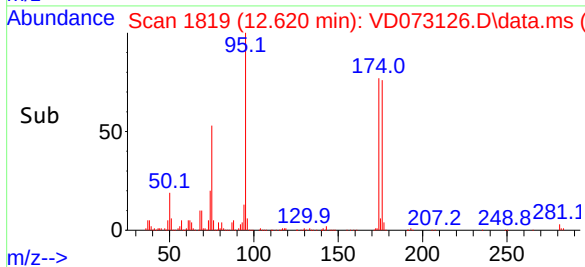
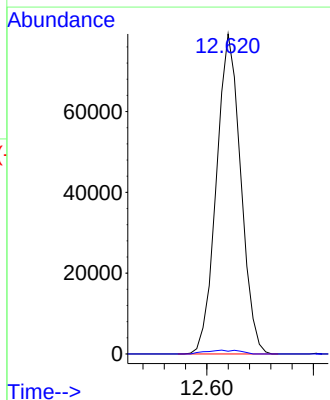
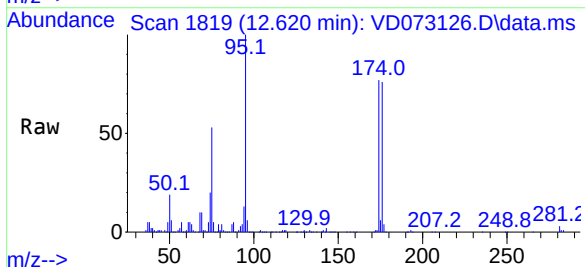
Instrument :
MSVOA_D
ClientSampleId :
P009-SS003-2430-02

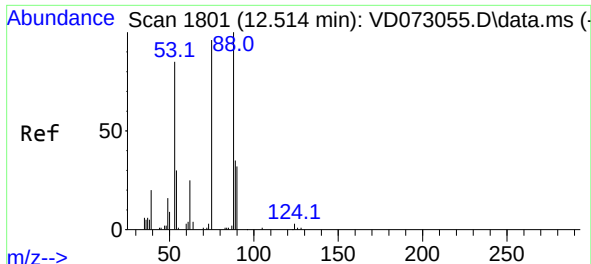
Tgt Ion:152 Resp: 252122
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 162.0 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 44.061 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

Tgt Ion: 75 Resp: 125578
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#

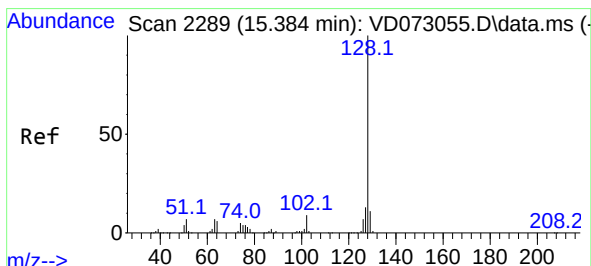
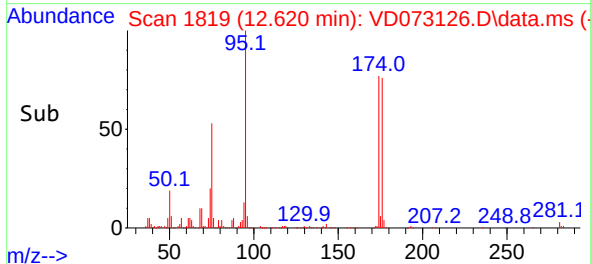
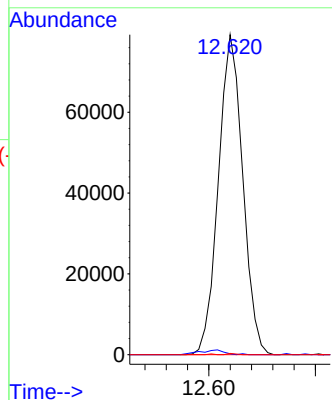
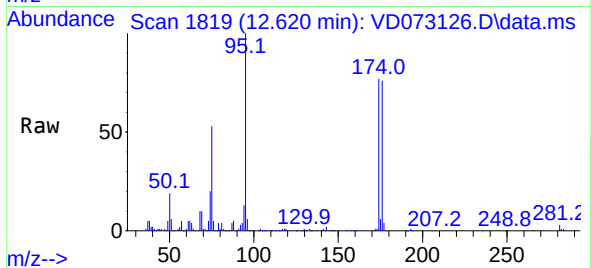




#81
trans-1,4-Dichloro-2-butene
Concen: 105.649 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

Instrument :
MSVOA_D
ClientSampleId :
P009-SS003-2430-02

Tgt Ion: 75 Resp: 125578
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.1 33.9 50.9#



#95
Naphthalene
Concen: 4.265 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD073126.D
Acq: 19 May 2022 05:39

Tgt Ion: 128 Resp: 54
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.4 12.6#

