

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080422\
 Data File : VD073959.D
 Acq On : 04 Aug 2022 18:05
 Operator : VA/SY
 Sample : N3962-19
 Misc : 3.71G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Aug 05 07:54:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

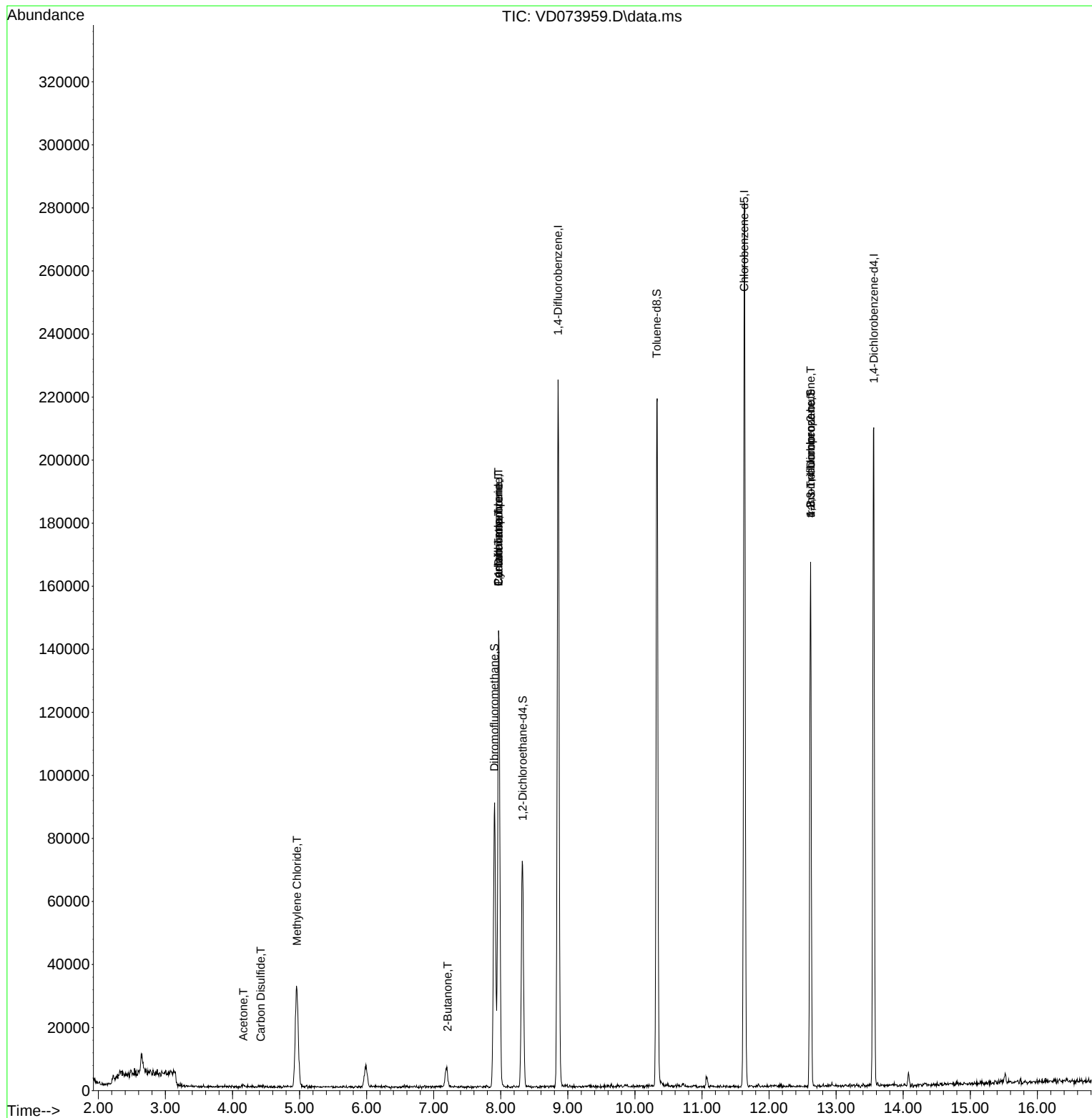
Internal Standards						
1) Pentafluorobenzene	7.967	168	105142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	186177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	153613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	54824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	58566	69.502	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 139.000%	
35) Dibromofluoromethane	7.902	113	61937	53.544	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.080%	
50) Toluene-d8	10.326	98	152497	39.137	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 78.280%	
62) 4-Bromofluorobenzene	12.620	95	50229	35.054	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 70.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	237	Below Cal	#	43
11) Tert butyl alcohol	5.214	59	57	Below Cal	#	75
16) Acetone	4.161	43	332	11.232	ug/l #	46
17) Carbon Disulfide	4.420	76	56	1.787	ug/l #	75
18) Methyl Acetate	4.720	43	54	Below Cal	#	48
20) Methylene Chloride	4.961	84	25071	10.383	ug/l	95
25) 2-Butanone	7.208	43	387	1.508	ug/l #	46
31) Cyclohexane	7.967	56	2561	1.573	ug/l #	42
36) 1,1-Dichloropropene	7.967	75	8164	4.955	ug/l #	52
38) Carbon Tetrachloride	7.967	117	12291	6.660	ug/l #	15
76) 1,2,3-Trichloropropane	12.620	75	28624	70.451	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	28624	149.791	ug/l #	13

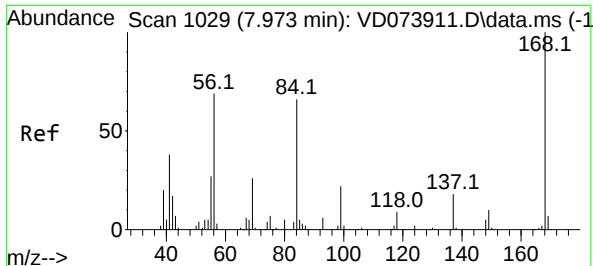
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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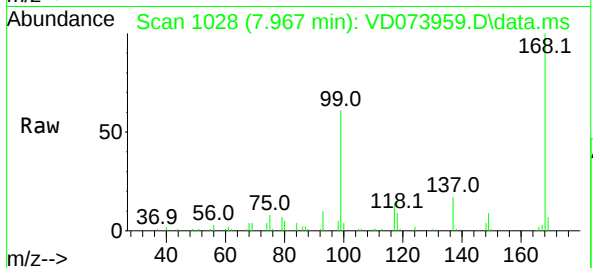
Quant Time: Aug 05 07:54:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 02 05:13:57 2022
Response via : Initial Calibration



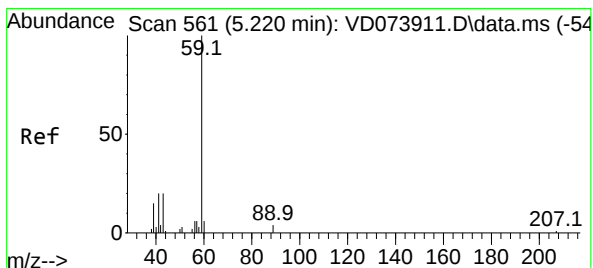
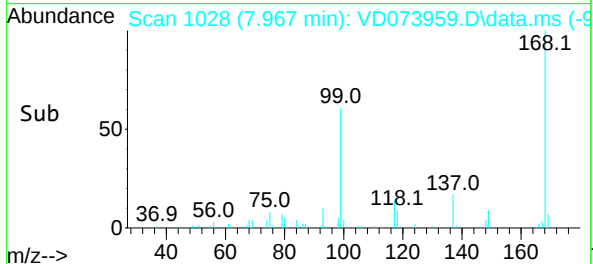
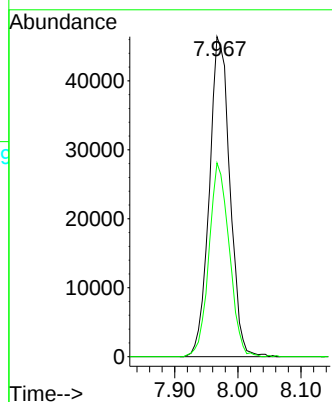


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

Instrument :
MSVOA_D
ClientSampleId :

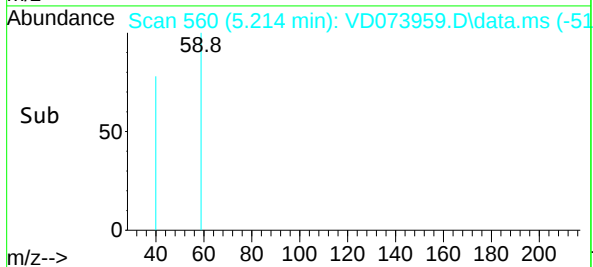
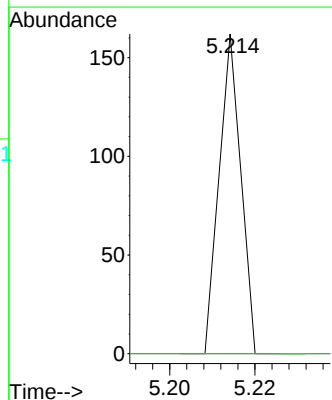
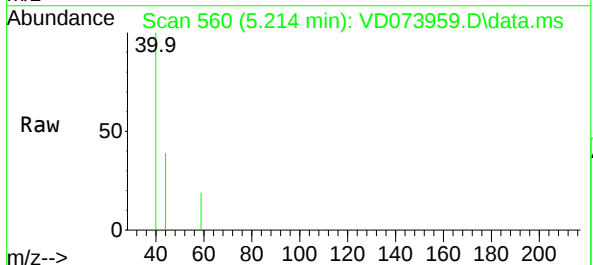


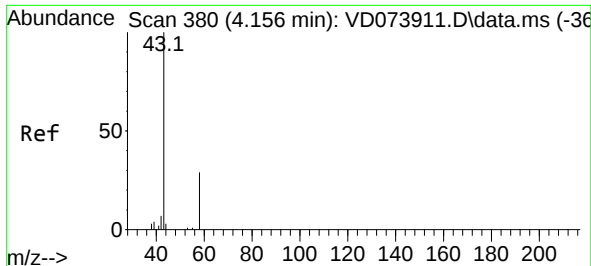
Tgt Ion:168 Resp: 105142
Ion Ratio Lower Upper
168 100
99 60.5 52.2 78.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.214 min Scan# 560
Delta R.T. -0.006 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

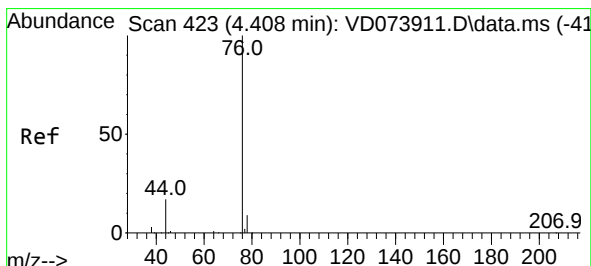
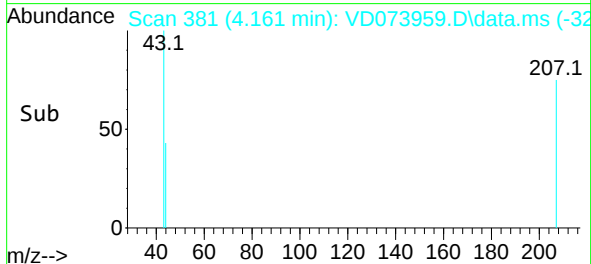
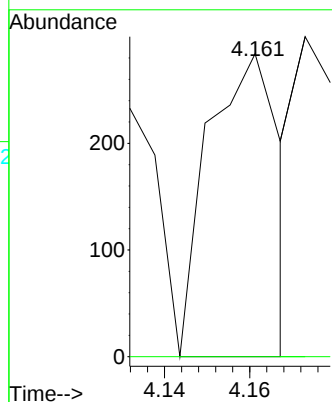
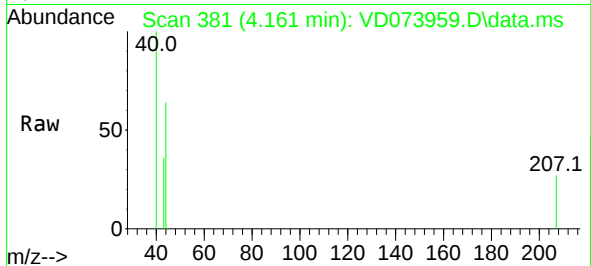




#16
Acetone
Concen: 11.232 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

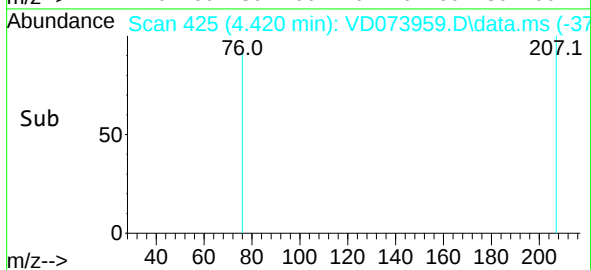
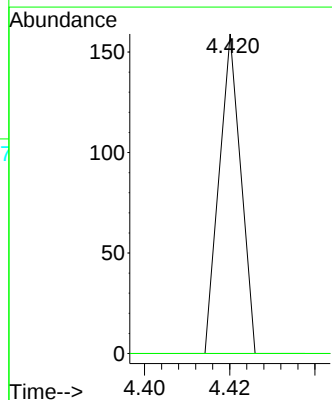
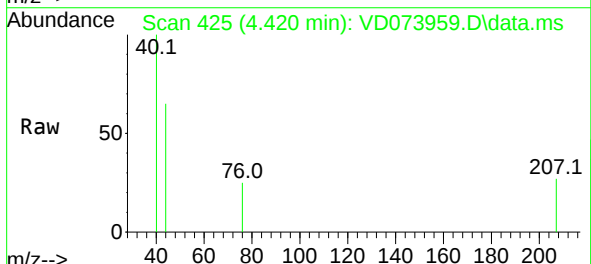
Instrument :
MSVOA_D
ClientSampleId :

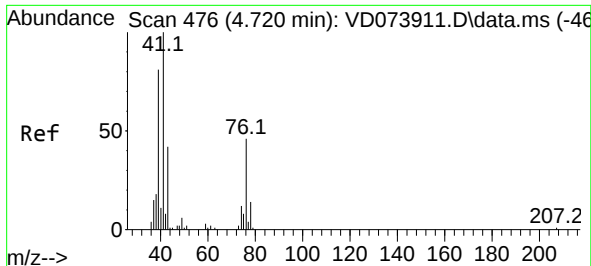
Tgt Ion: 43 Resp: 332
Ion Ratio Lower Upper
43 100
58 0.0 23.0 34.6#



#17
Carbon Disulfide
Concen: 1.787 ug/l
RT: 4.420 min Scan# 425
Delta R.T. 0.012 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

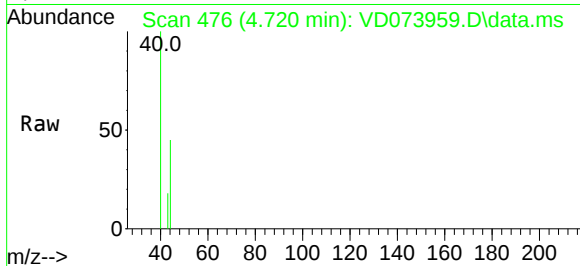
Tgt Ion: 76 Resp: 56
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



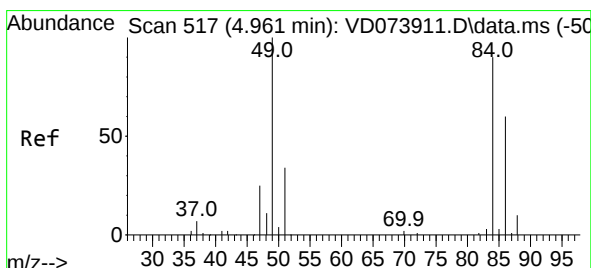
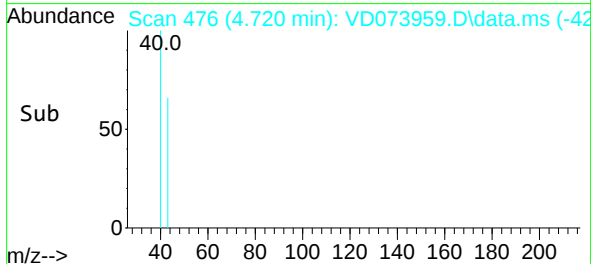
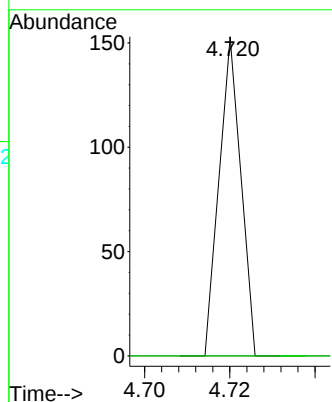


#18
Methyl Acetate
Concen: Below Cal
RT: 4.720 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

Instrument :
MSVOA_D
ClientSampleId :

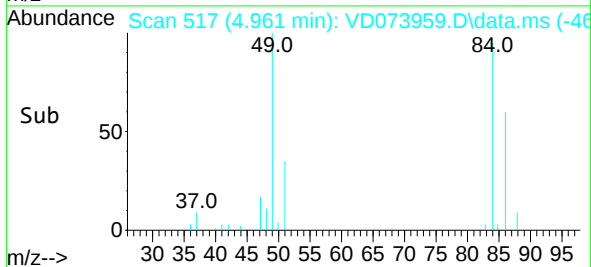
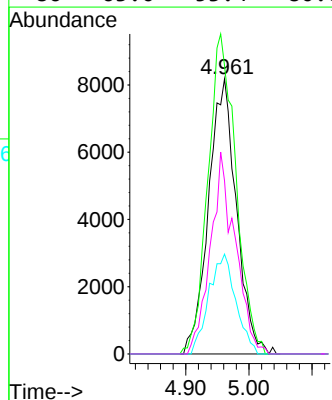
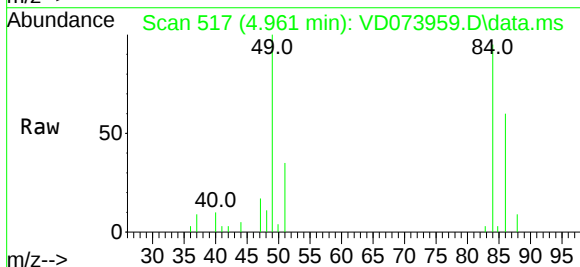


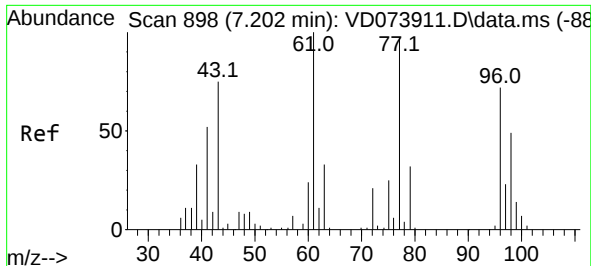
Tgt Ion: 43 Resp: 54
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#



#20
Methylene Chloride
Concen: 10.383 ug/l
RT: 4.961 min Scan# 517
Delta R.T. 0.000 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

Tgt Ion: 84 Resp: 25071
Ion Ratio Lower Upper
84 100
49 104.9 89.1 133.7
51 36.3 29.8 44.8
86 63.0 53.4 80.0

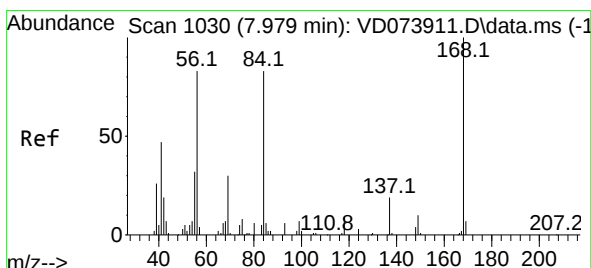
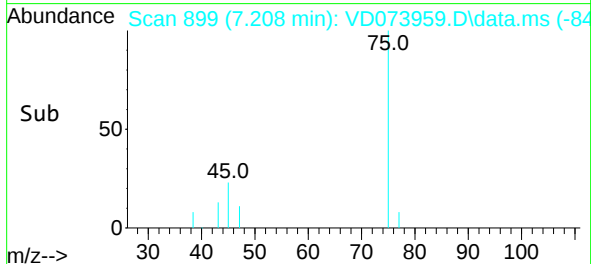
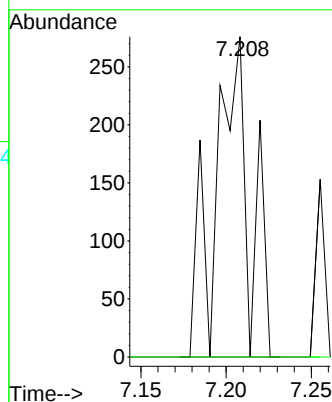
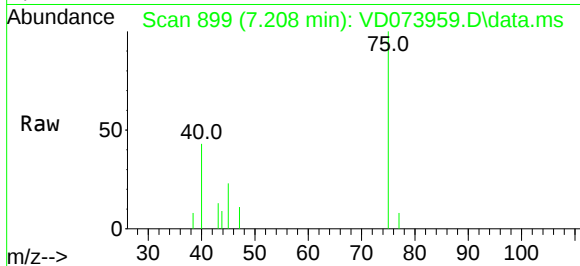




#25
2-Butanone
Concen: 1.508 ug/l
RT: 7.208 min Scan# 89
Delta R.T. 0.006 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

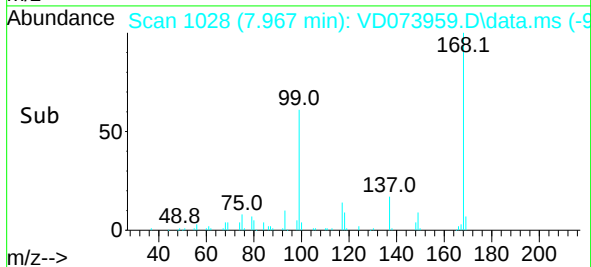
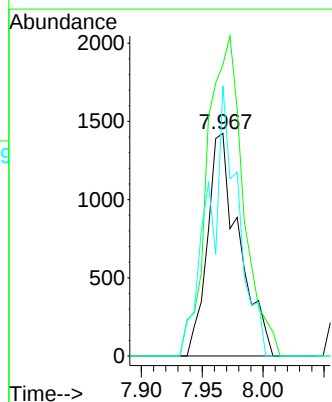
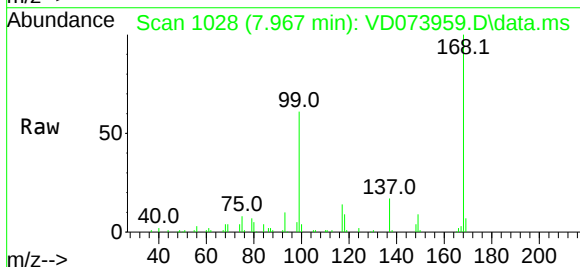
Instrument :
MSVOA_D
ClientSampleId :

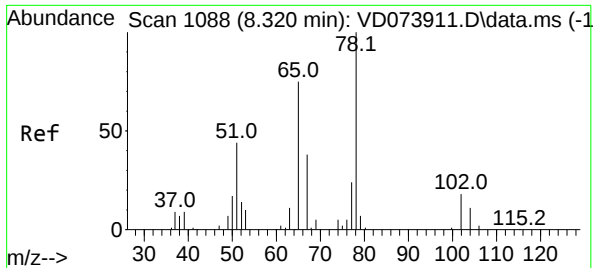
Tgt Ion: 43 Resp: 387
Ion Ratio Lower Upper
43 100
72 0.0 22.7 34.1#



#31
Cyclohexane
Concen: 1.573 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

Tgt Ion: 56 Resp: 2561
Ion Ratio Lower Upper
56 100
69 130.9 29.2 43.8#
84 121.4 80.0 120.0#





#33

1,2-Dichloroethane-d4

Concen: 69.502 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. 0.006 min

Lab File: VD073959.D

Acq: 04 Aug 2022 18:05

Instrument :

MSVOA_D

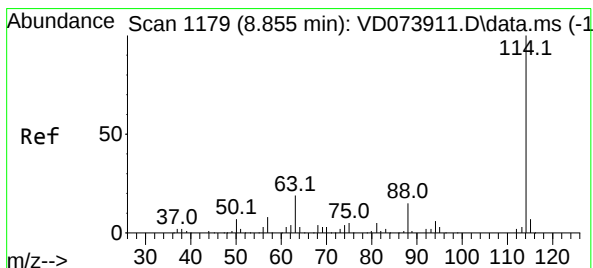
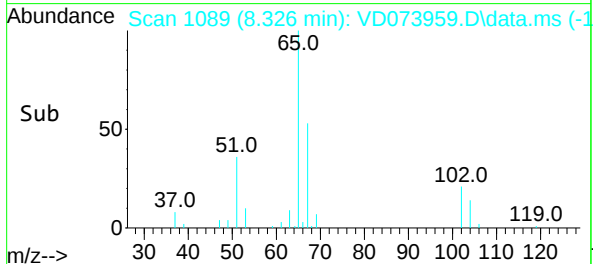
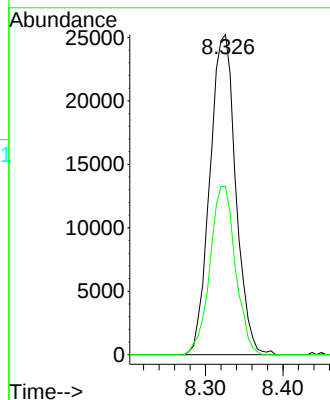
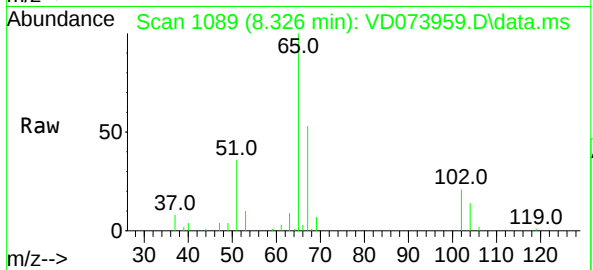
ClientSampleId :

Tgt Ion: 65 Resp: 58566

Ion Ratio Lower Upper

65 100

67 51.8 0.0 102.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073959.D

Acq: 04 Aug 2022 18:05

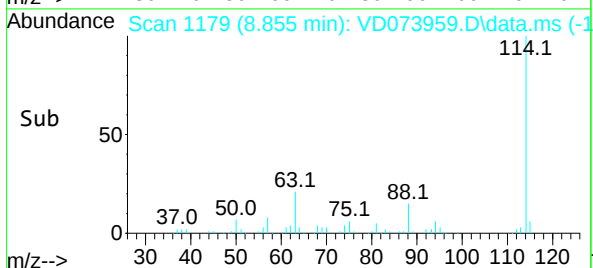
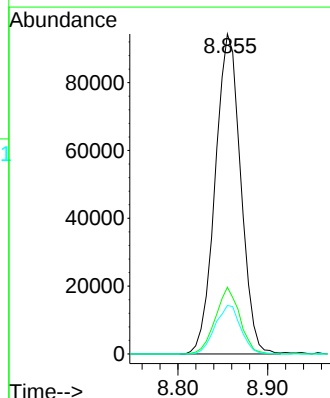
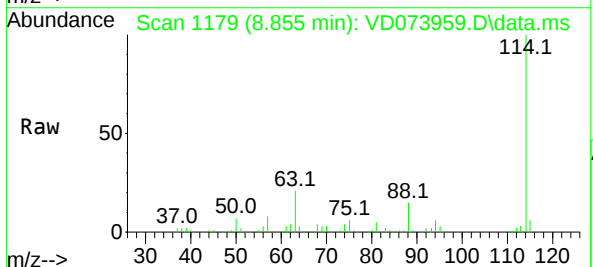
Tgt Ion: 114 Resp: 186177

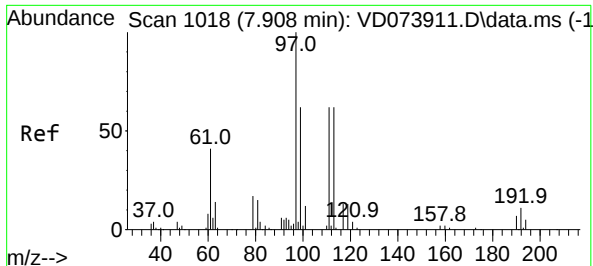
Ion Ratio Lower Upper

114 100

63 20.9 0.0 37.6

88 15.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 53.544 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.006 min

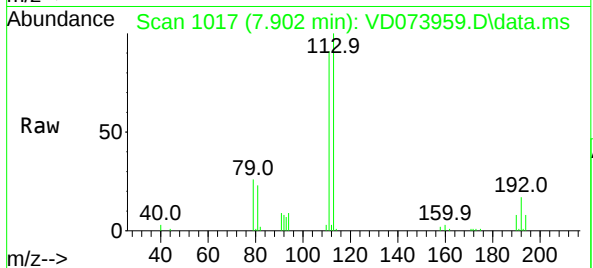
Lab File: VD073959.D

Acq: 04 Aug 2022 18:05

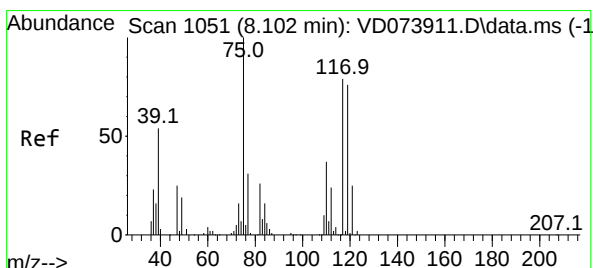
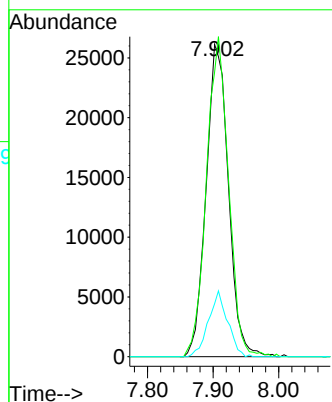
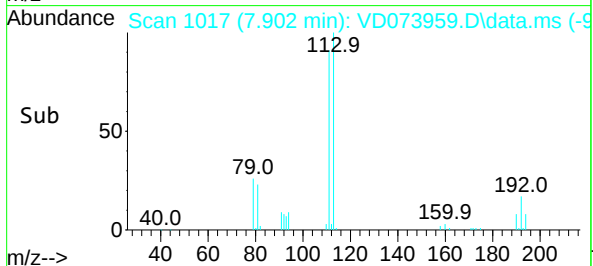
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	61937
Ion	Ratio	Lower	Upper
113	100		
111	101.4	83.7	125.5
192	18.0	15.0	22.6



#36

1,1-Dichloropropene

Concen: 4.955 ug/l

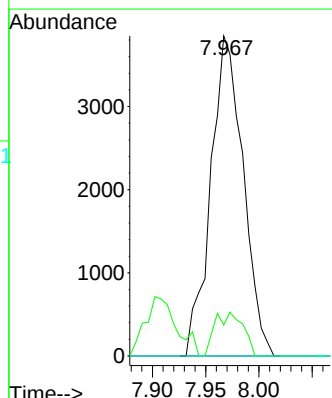
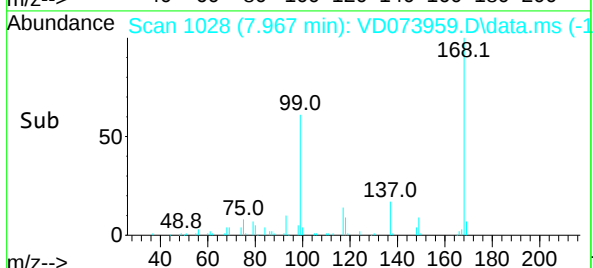
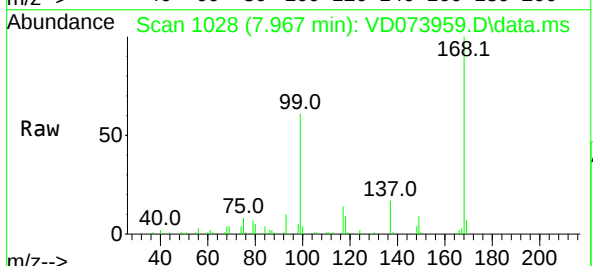
RT: 7.967 min Scan# 1028

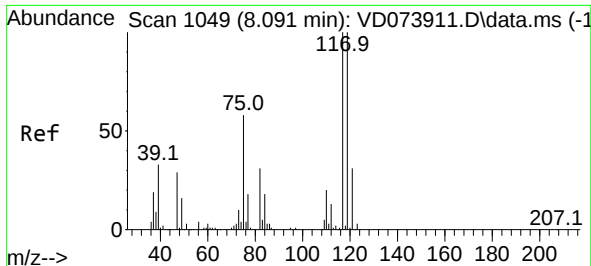
Delta R.T. -0.135 min

Lab File: VD073959.D

Acq: 04 Aug 2022 18:05

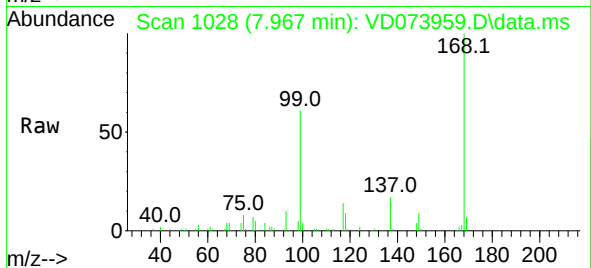
Tgt Ion:	75	Resp:	8164
Ion	Ratio	Lower	Upper
75	100		
110	11.8	18.1	54.1#
77	0.0	24.7	37.1#



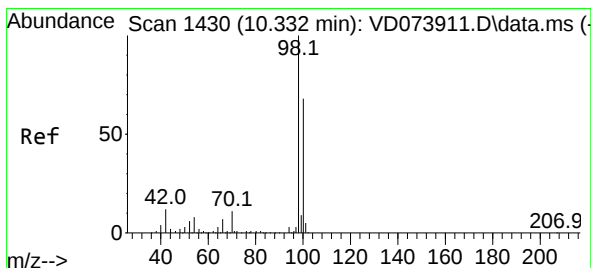
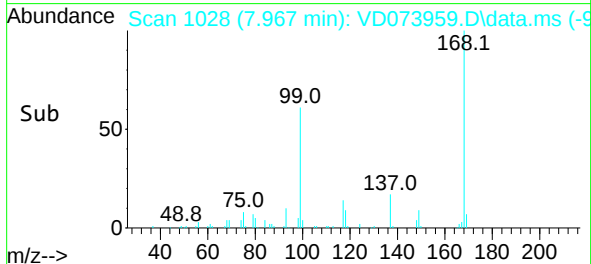
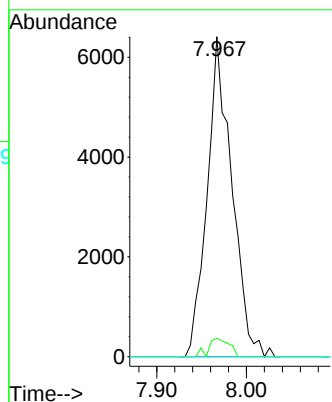


#38
Carbon Tetrachloride
Concen: 6.660 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

Instrument :
MSVOA_D
ClientSampleId :

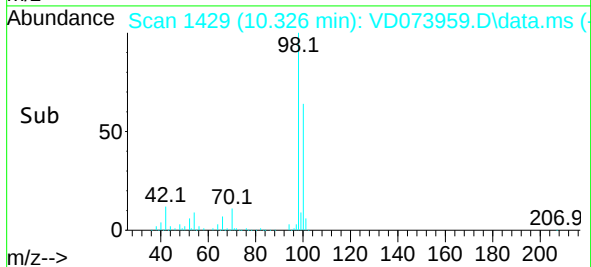
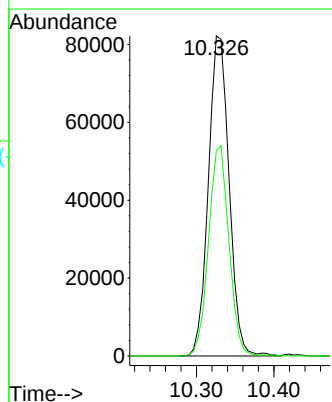
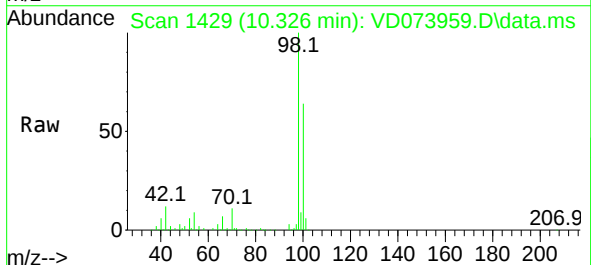


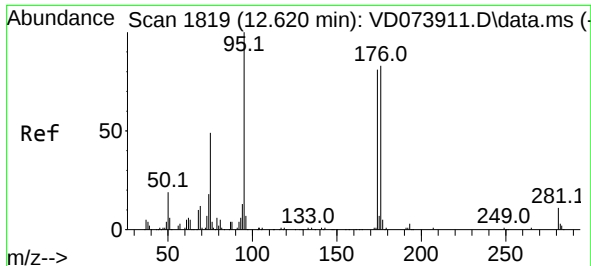
Tgt Ion:117 Resp: 12291
Ion Ratio Lower Upper
117 100
119 5.7 79.6 119.4#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 39.137 ug/l
RT: 10.326 min Scan# 1429
Delta R.T. -0.006 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

Tgt Ion: 98 Resp: 152497
Ion Ratio Lower Upper
98 100
100 64.6 53.1 79.7

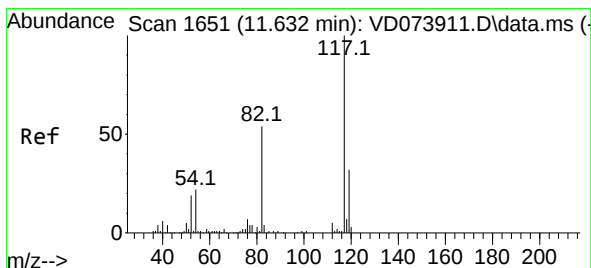
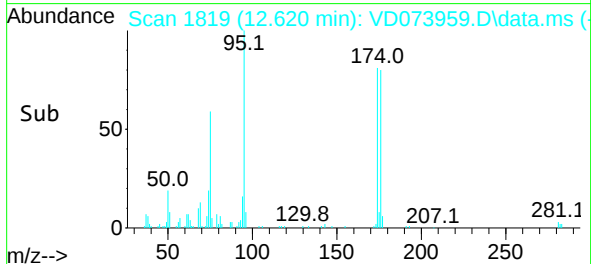
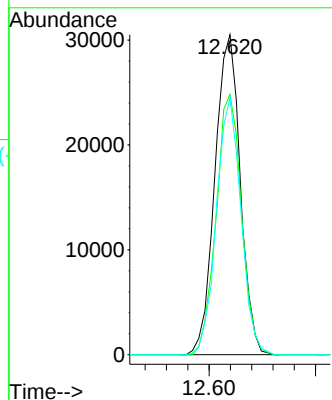
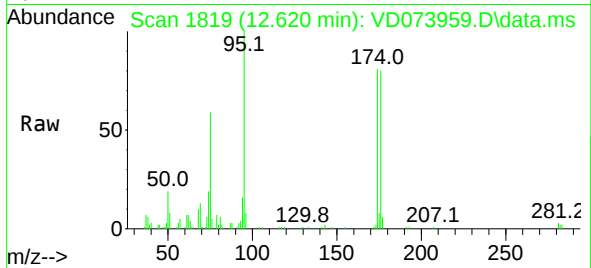




#62
4-Bromofluorobenzene
Concen: 35.054 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

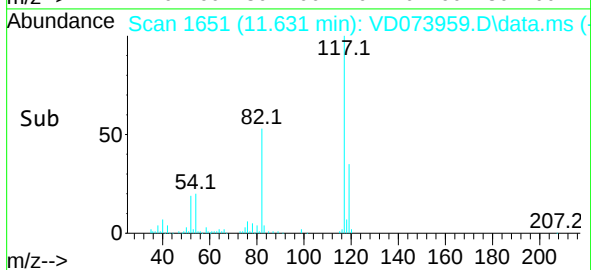
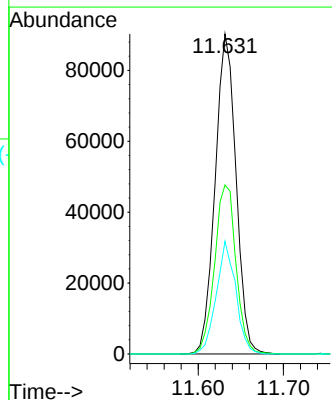
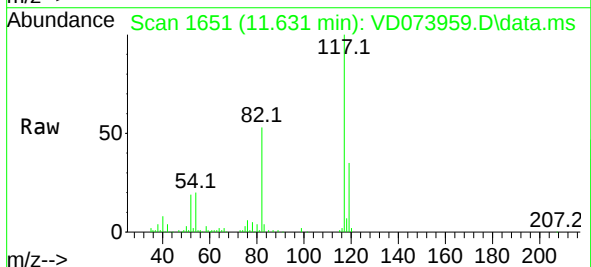
Instrument :
MSVOA_D
ClientSampleId :

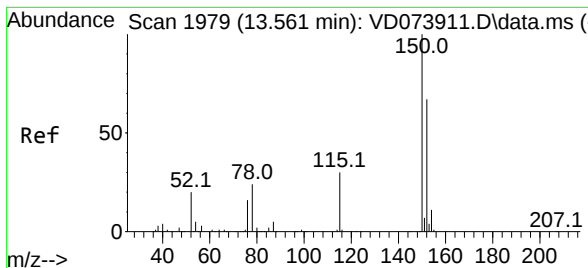
Tgt Ion: 95 Resp: 50229
Ion Ratio Lower Upper
95 100
174 81.5 0.0 164.2
176 78.2 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073959.D
Acq: 04 Aug 2022 18:05

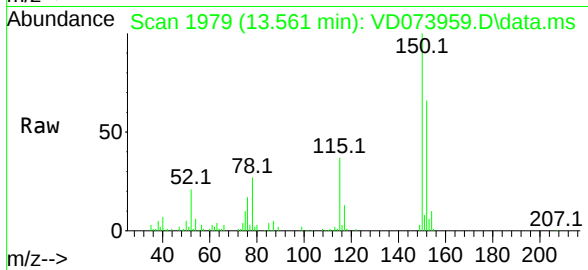
Tgt Ion: 117 Resp: 153613
Ion Ratio Lower Upper
117 100
82 52.8 43.3 64.9
119 35.2 25.8 38.8



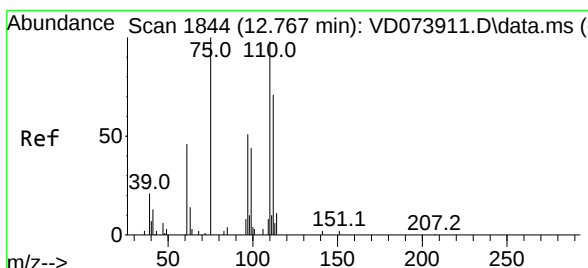
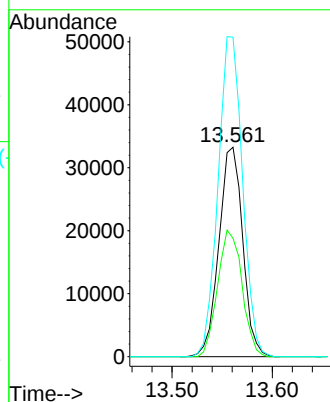
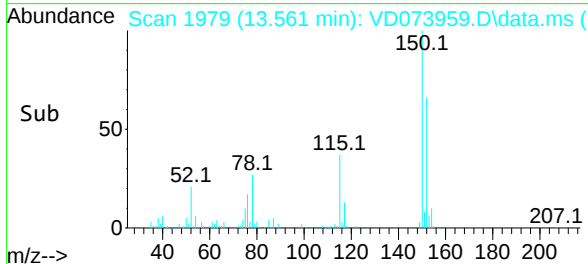


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073959.D
 Acq: 04 Aug 2022 18:05

Instrument :
 MSVOA_D
 ClientSampleId :

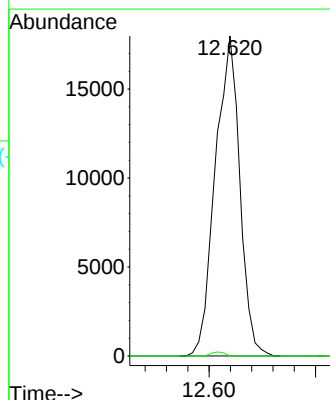
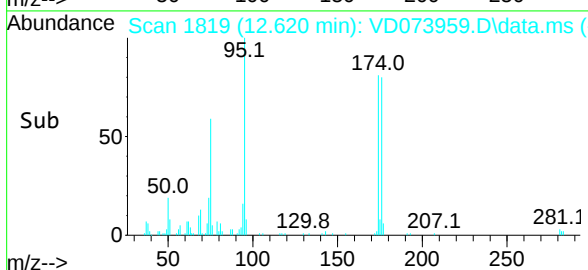
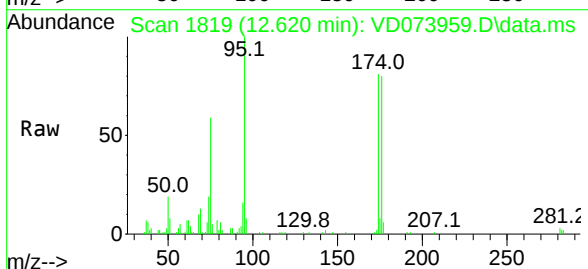


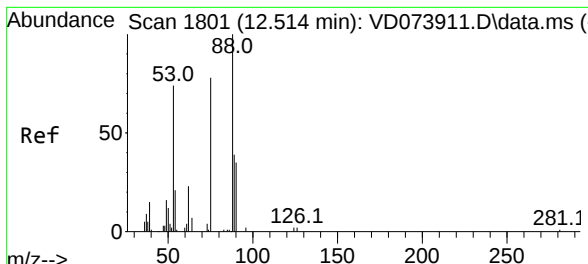
Tgt Ion:152 Resp: 54824
 Ion Ratio Lower Upper
 152 100
 115 61.8 29.1 87.3
 150 157.1 0.0 338.2



#76
 1,2,3-Trichloropropane
 Concen: 70.451 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073959.D
 Acq: 04 Aug 2022 18:05

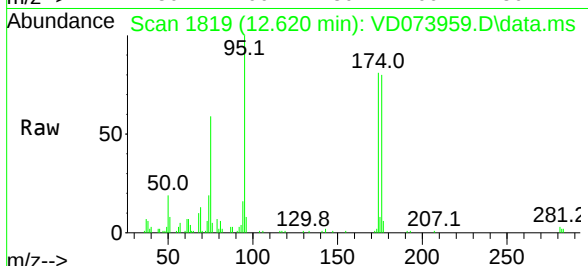
Tgt Ion: 75 Resp: 28624
 Ion Ratio Lower Upper
 75 100
 77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 149.791 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073959.D
 Acq: 04 Aug 2022 18:05

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	28624
Ion	Ratio	Lower	Upper
75	100		
53	0.0	71.6	107.4#
89	0.0	39.8	59.6#

