

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072167.D
 Acq On : 14 Mar 2022 14:37
 Operator : VA/SY
 Sample : N1851-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUM-35

Quant Time: Mar 15 01:23:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

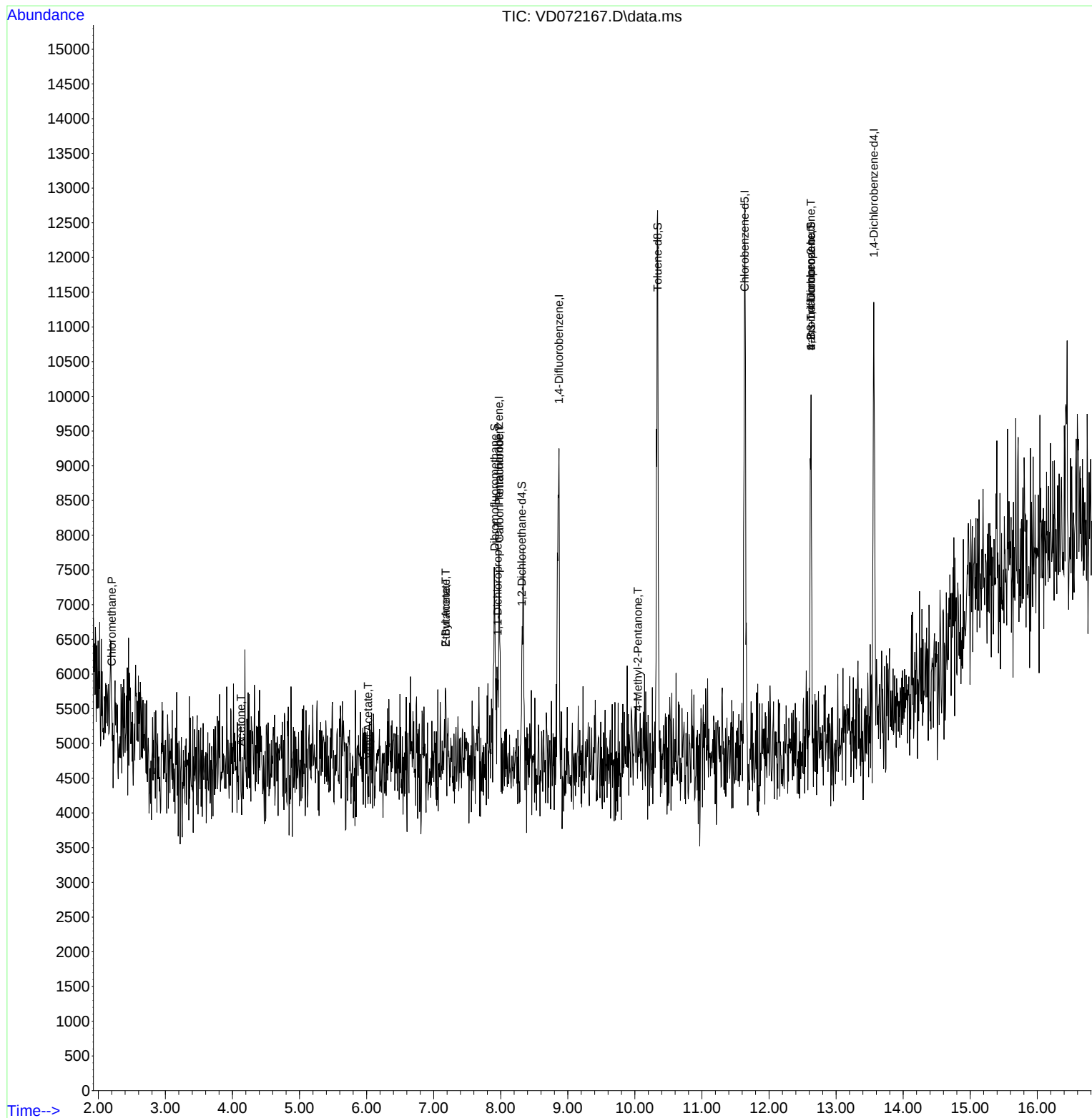
Internal Standards						
1) Pentafluorobenzene	7.973	168	2622	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.867	114	4471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	4604	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	1822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.314	65	2504	85.693	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 171.380%#	
35) Dibromofluoromethane	7.908	113	2253	71.608	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 143.220%	
50) Toluene-d8	10.338	98	5608	48.747	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.500%	
62) 4-Bromofluorobenzene	12.626	95	1855	41.498	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.000%	
Target Compounds						Qvalue
3) Chloromethane	2.203	50	58	2.691	ug/l	# 40
16) Acetone	4.126	43	73	11.506	ug/l	# 47
23) Vinyl Acetate	6.020	43	79	1.611	ug/l	# 75
25) 2-Butanone	7.179	43	55	6.502	ug/l	# 52
36) 1,1-Dichloropropene	7.956	75	58	1.314	ug/l	# 43
37) Ethyl Acetate	7.179	43	55	2.845	ug/l	# 72
38) Carbon Tetrachloride	7.979	117	62	1.236	ug/l	# 13
51) 4-Methyl-2-Pentanone	10.044	43	59	2.993	ug/l	# 39
76) 1,2,3-Trichloropropane	12.626	75	1145	56.970	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	1145	141.349	ug/l	# 7

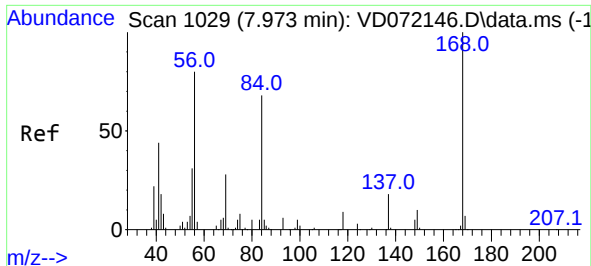
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
Data File : VD072167.D
Acq On : 14 Mar 2022 14:37
Operator : VA/SY
Sample : N1851-03
Misc : 5.03G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
DUM-35

Quant Time: Mar 15 01:23:50 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

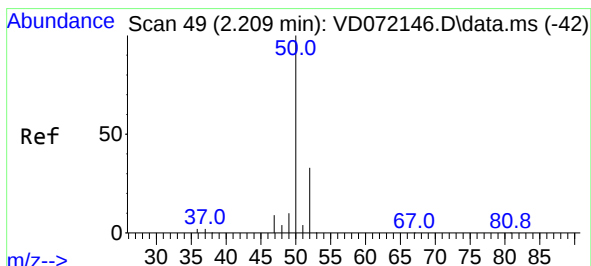
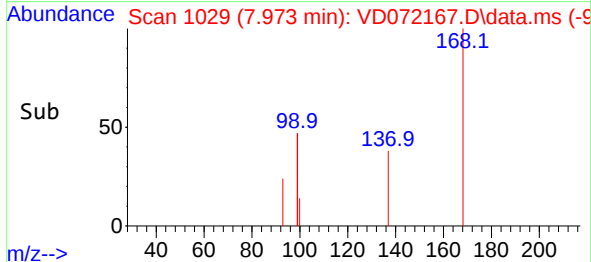
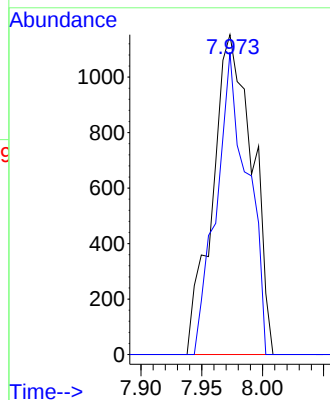
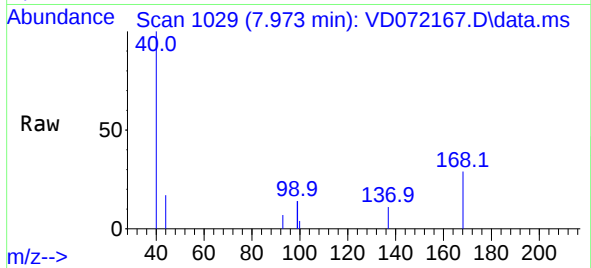




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

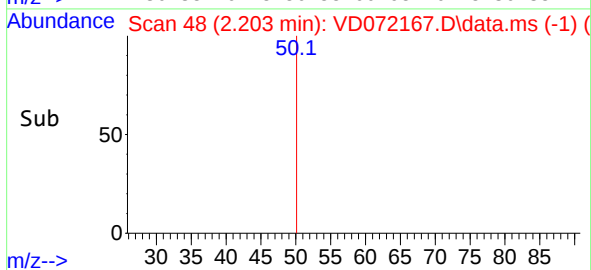
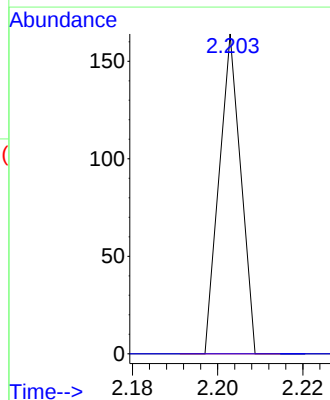
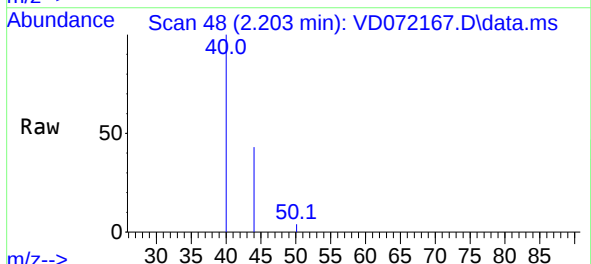
Instrument :
MSVOA_D
ClientSampleId :
DUM-35

Tgt Ion:168 Resp: 2622
Ion Ratio Lower Upper
168 100
99 94.4 49.8 74.6#



#3
Chloromethane
Concen: 2.691 ug/l
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

Tgt Ion: 50 Resp: 58
Ion Ratio Lower Upper
50 100
52 0.0 27.4 41.0#

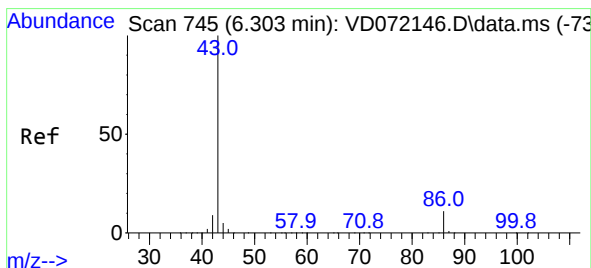
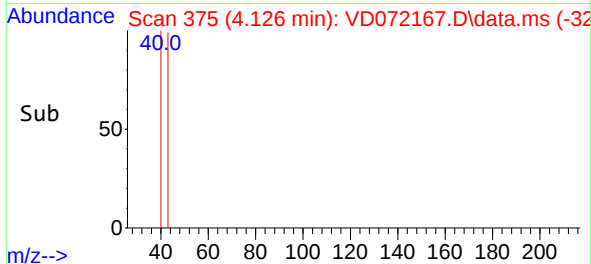
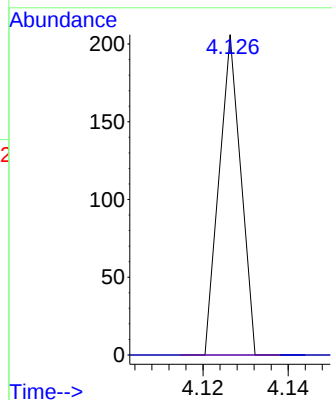
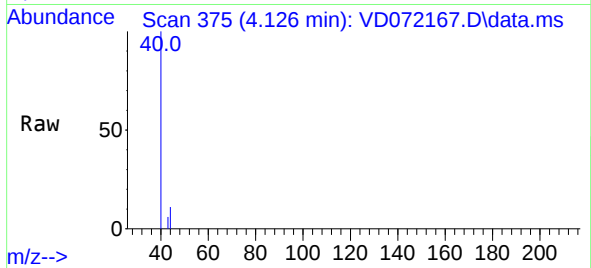




#16
Acetone
Concen: 11.506 ug/l
RT: 4.126 min Scan# 31
Delta R.T. -0.029 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

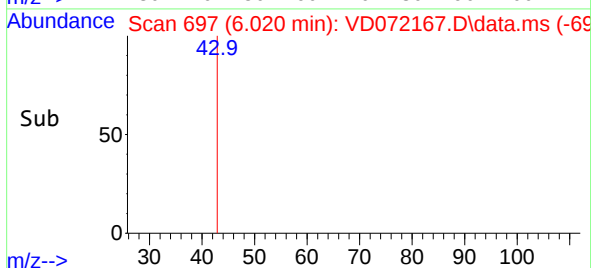
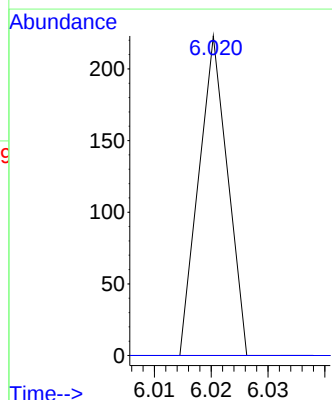
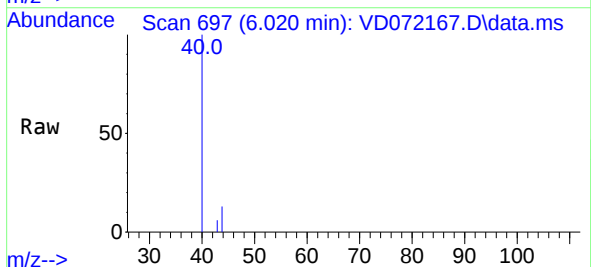
Instrument :
MSVOA_D
ClientSampleId :
DUM-35

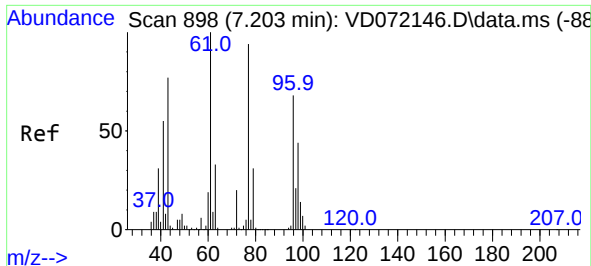
Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#23
Vinyl Acetate
Concen: 1.611 ug/l
RT: 6.020 min Scan# 697
Delta R.T. -0.282 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
86 0.0 7.1 10.7#





#25

2-Butanone

Concen: 6.502 ug/l

RT: 7.179 min Scan# 89

Delta R.T. -0.024 min

Lab File: VD072167.D

Acq: 14 Mar 2022 14:37

Instrument :

MSVOA_D

ClientSampleId :

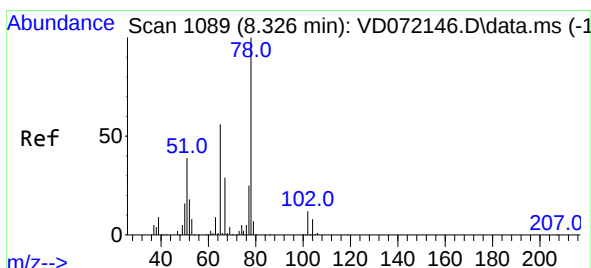
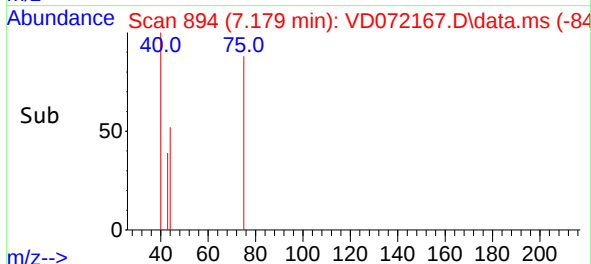
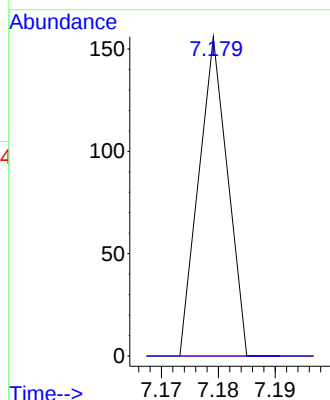
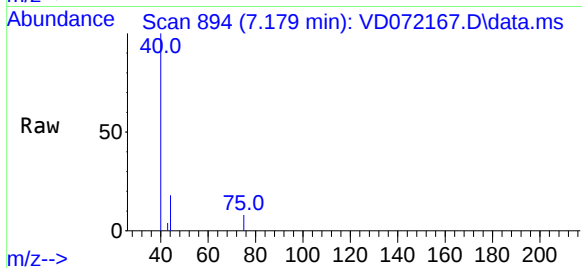
DUM-35

Tgt Ion: 43 Resp: 55

Ion Ratio Lower Upper

43 100

72 0.0 18.6 27.8#



#33

1,2-Dichloroethane-d4

Concen: 85.693 ug/l

RT: 8.314 min Scan# 1087

Delta R.T. -0.012 min

Lab File: VD072167.D

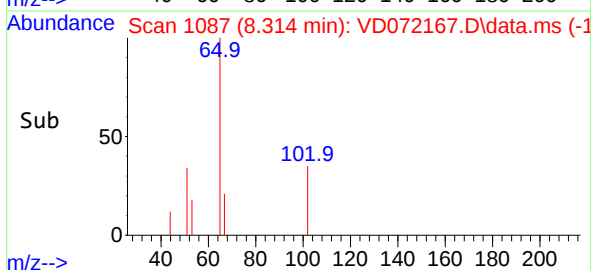
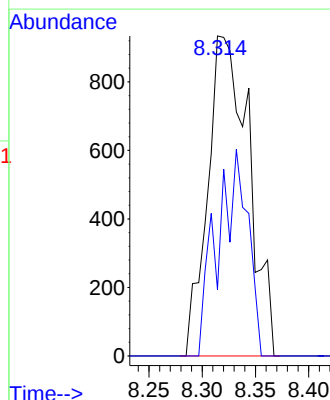
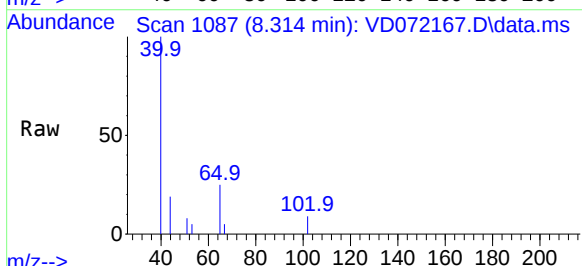
Acq: 14 Mar 2022 14:37

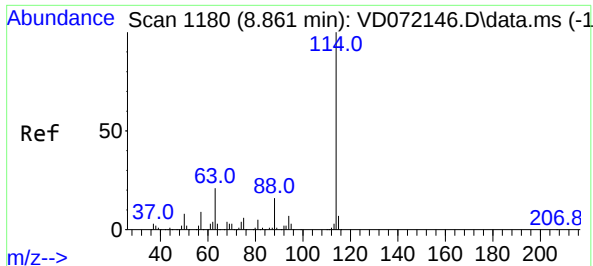
Tgt Ion: 65 Resp: 2504

Ion Ratio Lower Upper

65 100

67 47.7 0.0 101.4

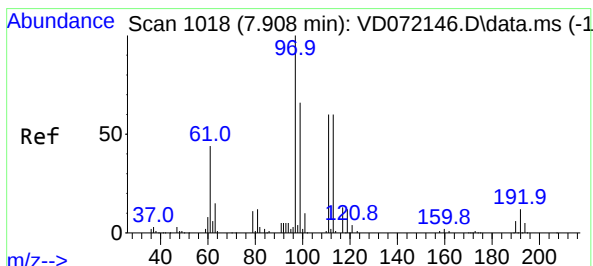
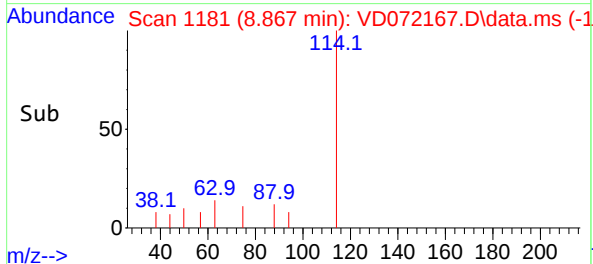
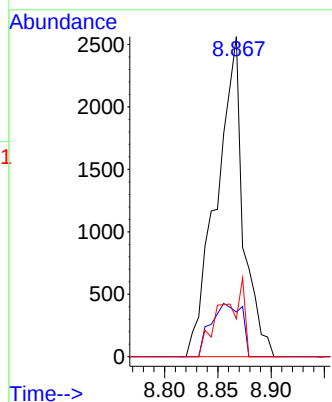
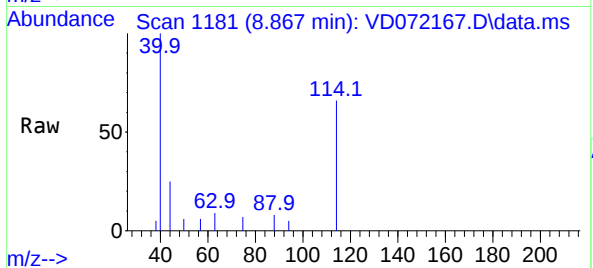




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

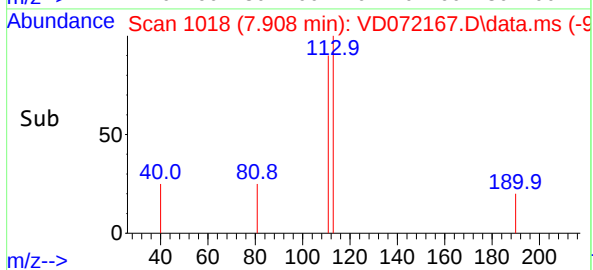
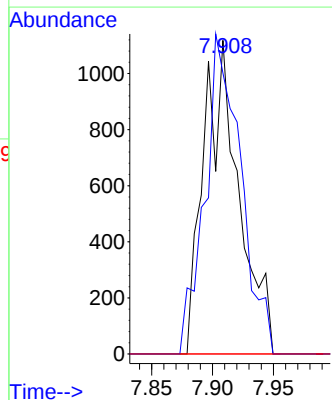
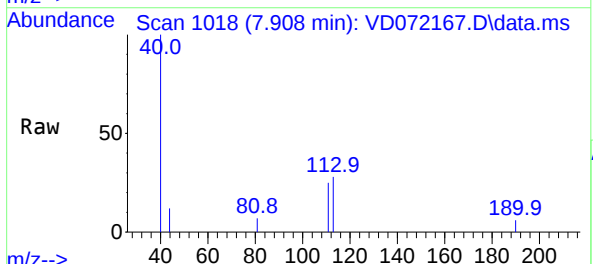
Instrument :
MSVOA_D
ClientSampleId :
DUM-35

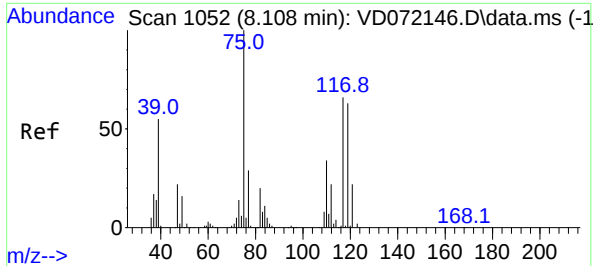
Tgt Ion:	114	Resp:	4471
Ion	Ratio	Lower	Upper
114	100		
63	13.9	0.0	46.6
88	11.8	0.0	33.2



#35
Dibromofluoromethane
Concen: 71.608 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

Tgt Ion:	113	Resp:	2253
Ion	Ratio	Lower	Upper
113	100		
111	103.2	83.8	125.6
192	0.0	14.6	21.8

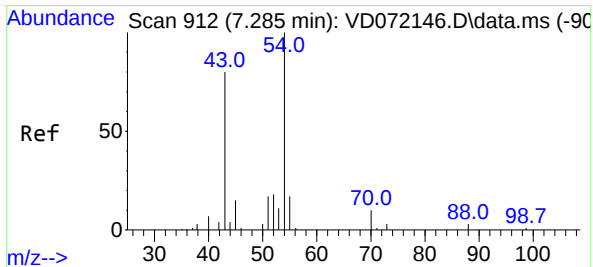
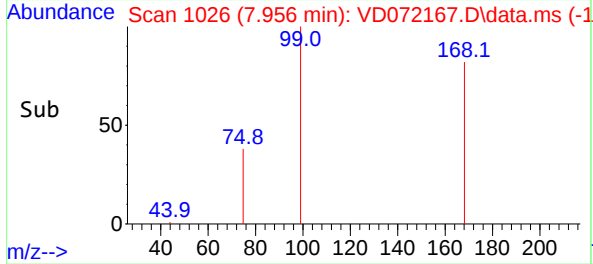
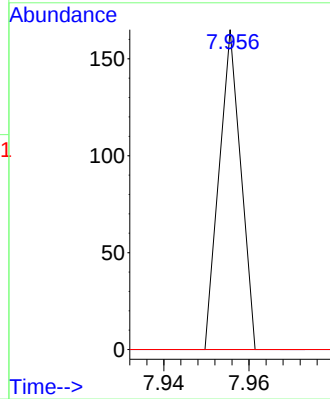
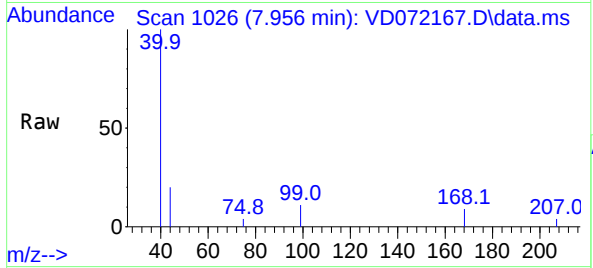




#36
1,1-Dichloropropene
Concen: 1.314 ug/l
RT: 7.956 min Scan# 1052
Delta R.T. -0.153 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

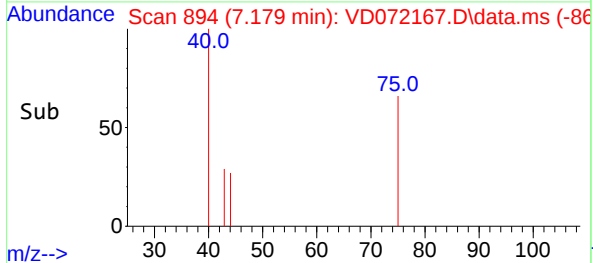
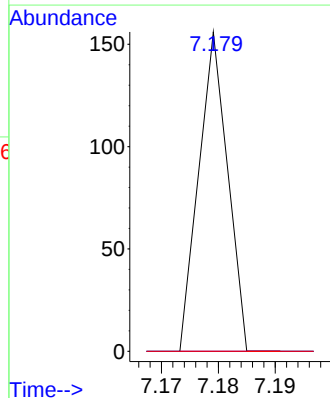
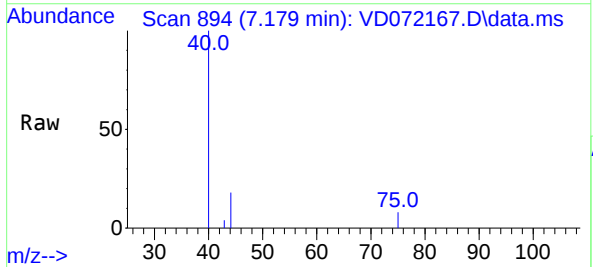
Instrument :
MSVOA_D
ClientSampleId :
DUM-35

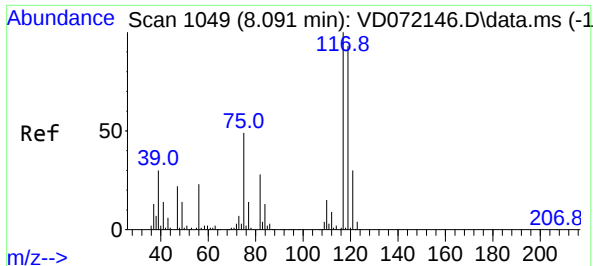
Tgt Ion: 75 Resp: 58
Ion Ratio Lower Upper
75 100
110 0.0 16.4 49.1#
77 0.0 24.2 36.2#



#37
Ethyl Acetate
Concen: 2.845 ug/l
RT: 7.179 min Scan# 894
Delta R.T. -0.106 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 6.9 10.3#

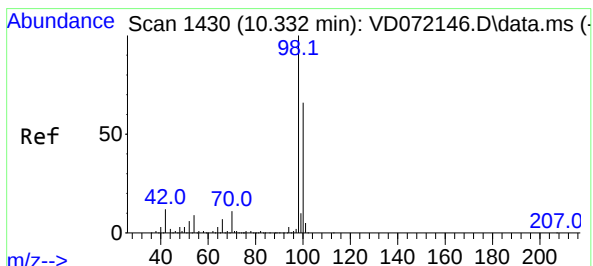
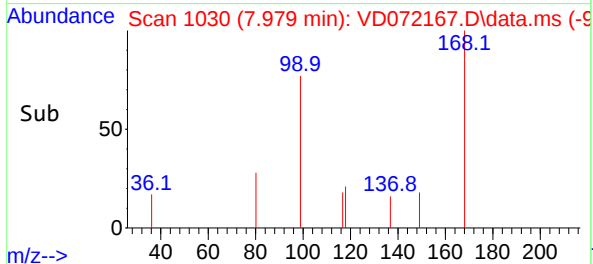
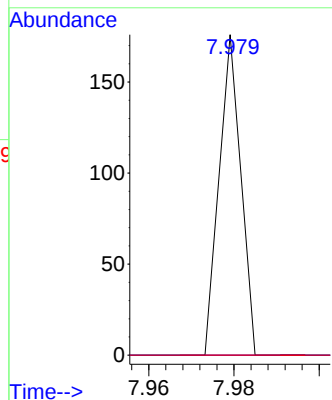
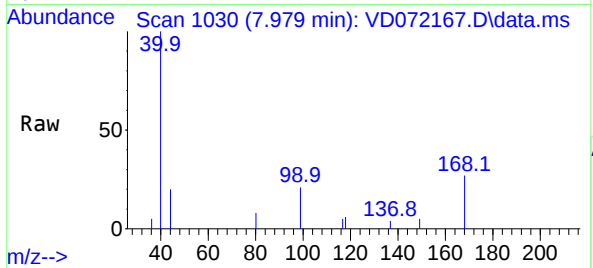




#38
Carbon Tetrachloride
Concen: 1.236 ug/l
RT: 7.979 min Scan# 1049
Delta R.T. -0.112 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

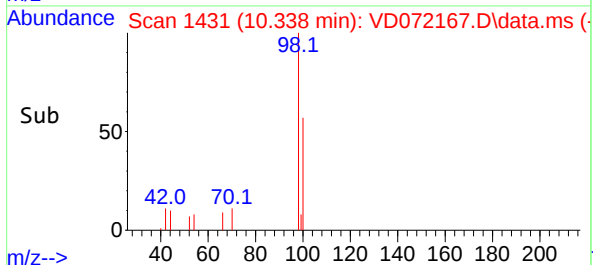
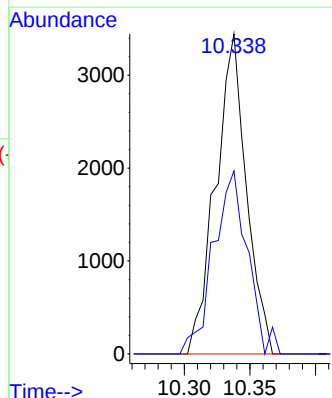
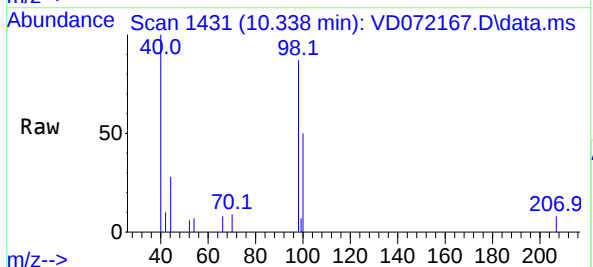
Instrument :
MSVOA_D
ClientSampleId :
DUM-35

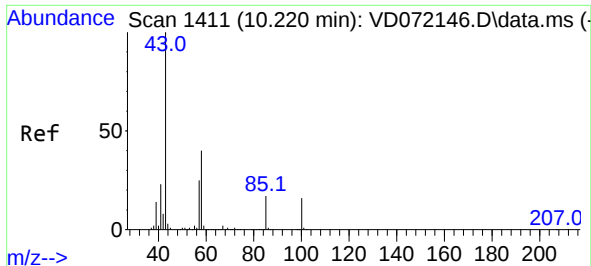
Tgt Ion:117 Resp: 62
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.747 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

Tgt Ion: 98 Resp: 5608
Ion Ratio Lower Upper
98 100
100 63.2 52.4 78.6

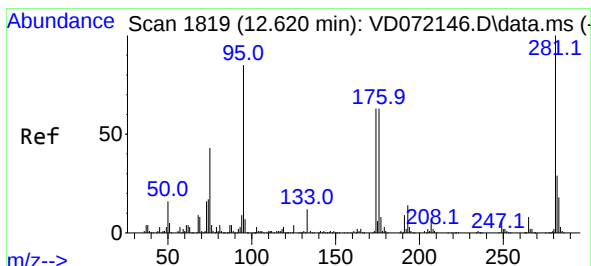
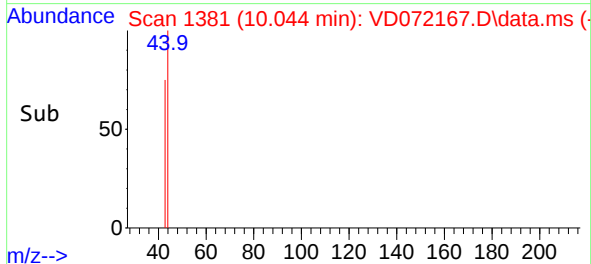
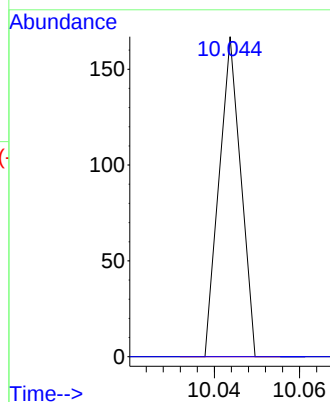
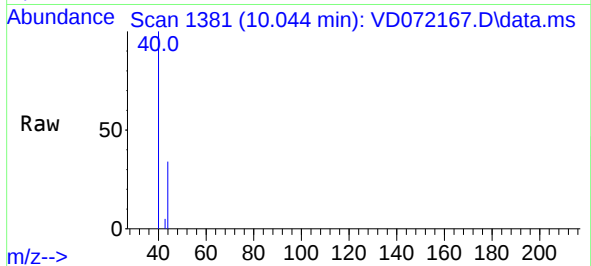




#51
4-Methyl-2-Pentanone
Concen: 2.993 ug/l
RT: 10.044 min Scan# 11
Delta R.T. -0.176 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

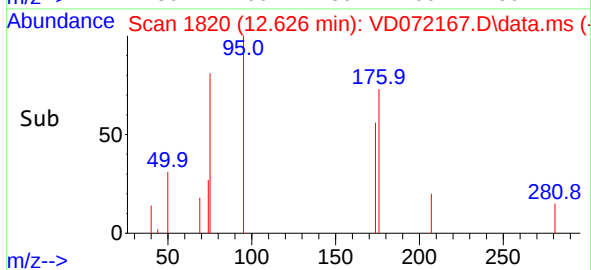
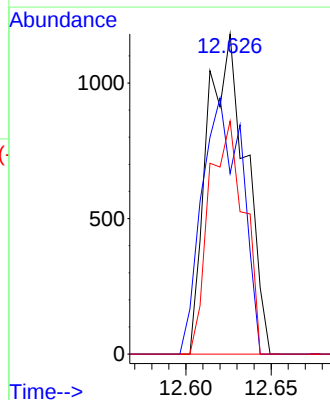
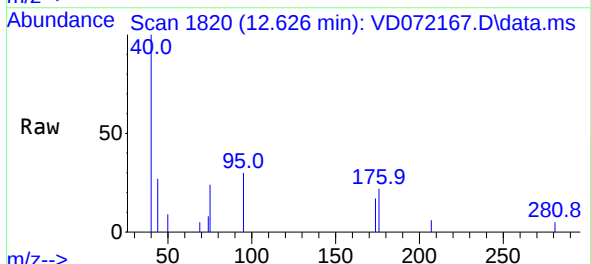
Instrument :
MSVOA_D
ClientSampleId :
DUM-35

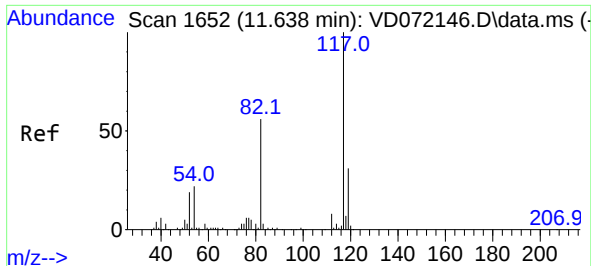
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 28.6 43.0#



#62
4-Bromofluorobenzene
Concen: 41.498 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

Tgt Ion: 95 Resp: 1855
Ion Ratio Lower Upper
95 100
174 83.0 0.0 152.8
176 66.1 0.0 145.4

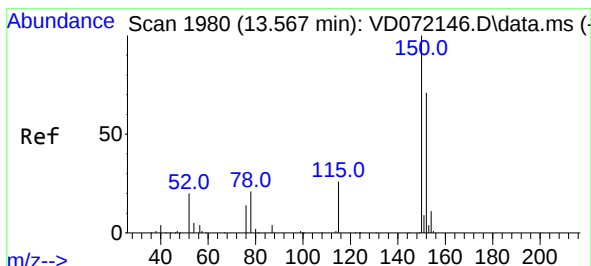
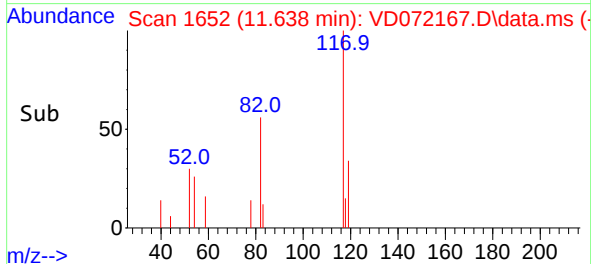
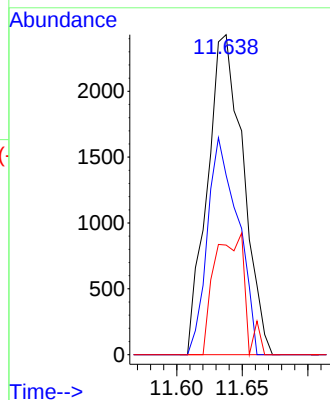
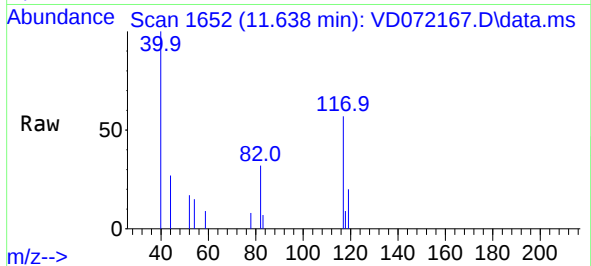




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

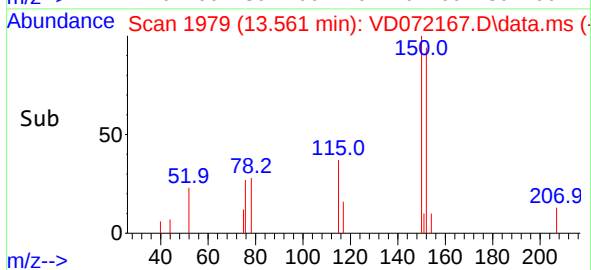
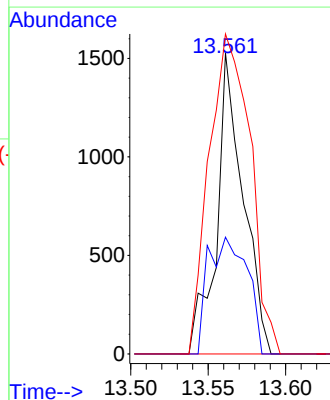
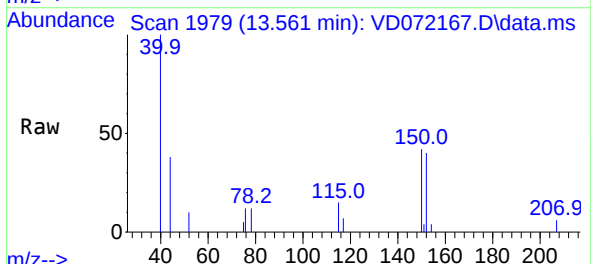
Instrument :
MSVOA_D
ClientSampleId :
DUM-35

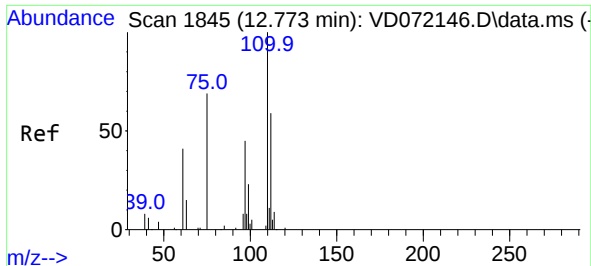
Tgt Ion:	117	Resp:	4604
Ion	Ratio	Lower	Upper
117	100		
82	56.1	45.3	67.9
119	34.2	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

Tgt Ion:	152	Resp:	1822
Ion	Ratio	Lower	Upper
152	100		
115	56.9	31.3	93.8
150	164.3	0.0	348.6

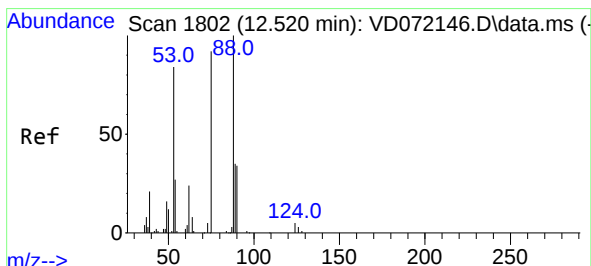
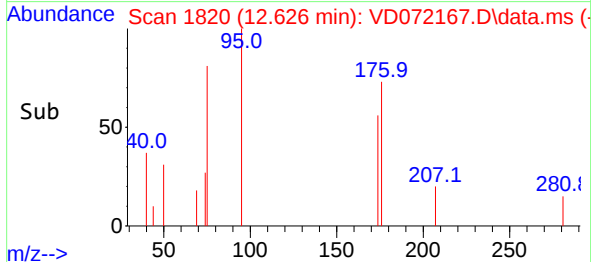
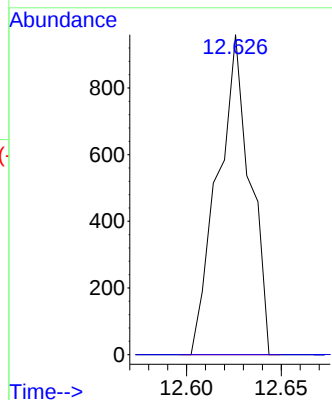
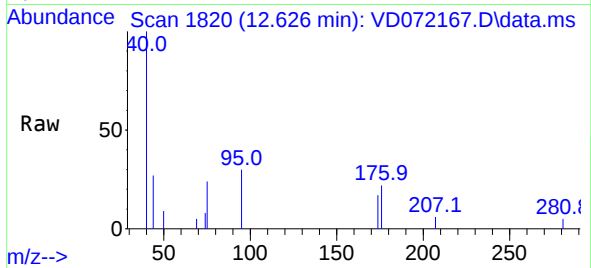




#76
1,2,3-Trichloropropane
Concen: 56.970 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

Instrument :
MSVOA_D
ClientSampleId :
DUM-35

Tgt Ion: 75 Resp: 1145
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 141.349 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD072167.D
Acq: 14 Mar 2022 14:37

Tgt Ion: 75 Resp: 1145
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.0 33.9 50.9#

