

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074372.D
 Acq On : 20 Sep 2022 18:16
 Operator : VA/SY
 Sample : N4668-05
 Misc : 6.41G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A2-9-18

Quant Time: Sep 21 02:25:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

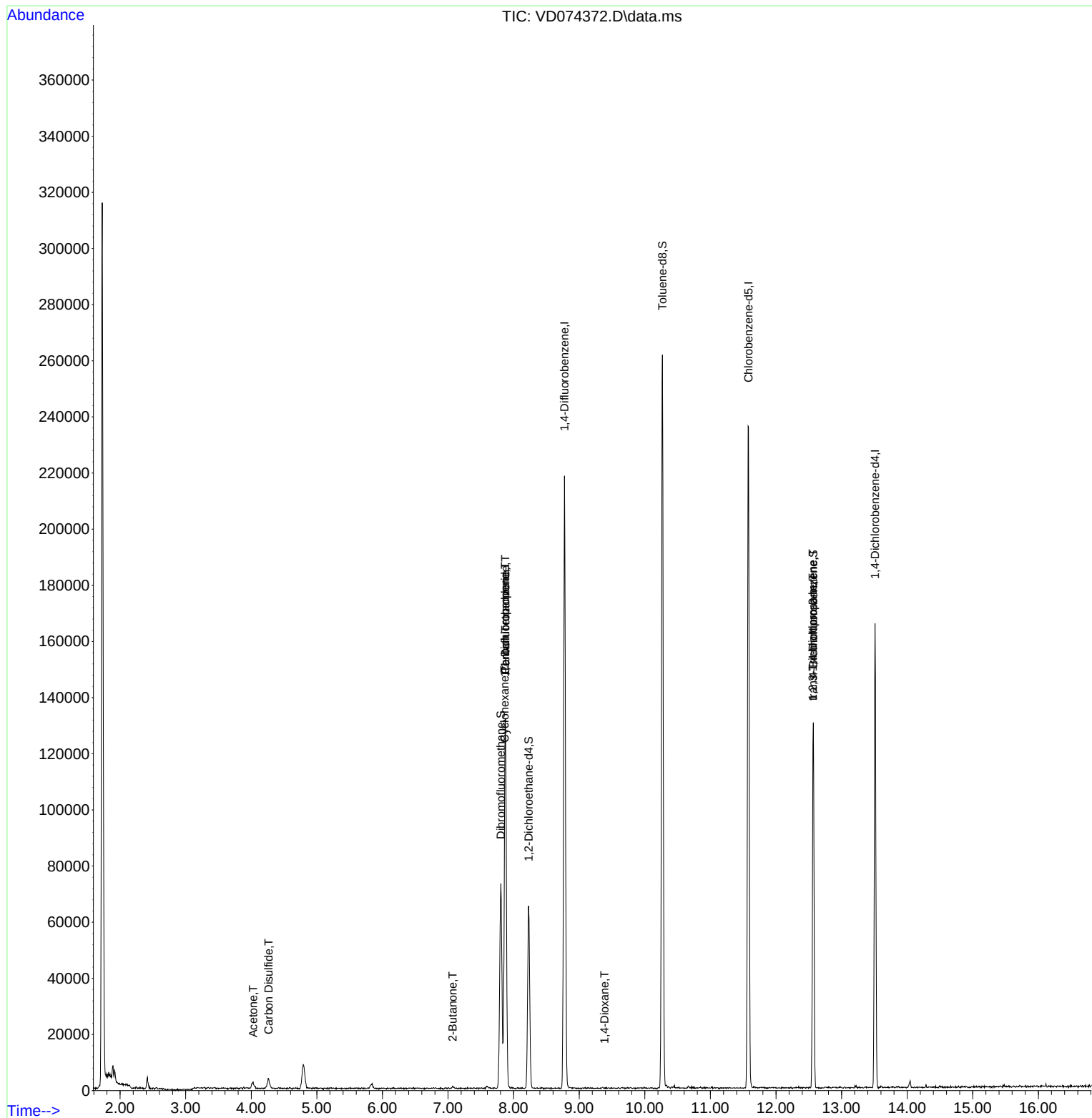
Internal Standards						
1) Pentafluorobenzene	7.875	168	103221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	186192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	142369	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	43856	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50520	50.249	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.500%	
35) Dibromofluoromethane	7.805	113	52910	43.147	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.300%	
50) Toluene-d8	10.269	98	187974	44.425	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.860%	
62) 4-Bromofluorobenzene	12.569	95	40033	25.068	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 50.140%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	3574	15.779	ug/l	97
17) Carbon Disulfide	4.264	76	7219	2.003	ug/l	97
20) Methylene Chloride	4.793	84	6748	Below Cal		96
25) 2-Butanone	7.069	43	405	1.200	ug/l #	48
31) Cyclohexane	7.863	56	2613	1.239	ug/l #	57
36) 1,1-Dichloropropene	7.869	75	8386	4.480	ug/l #	47
38) Carbon Tetrachloride	7.875	117	10606	6.394	ug/l #	14
49) 1,4-Dioxane	9.387	88	73	9.824	ug/l #	24
76) 1,2,3-Trichloropropane	12.563	75	22155	54.600	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.563	75	22155	136.842	ug/l #	100

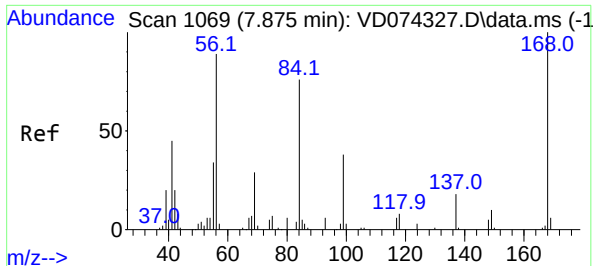
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
Data File : VD074372.D
Acq On : 20 Sep 2022 18:16
Operator : VA/SY
Sample : N4668-05
Misc : 6.41G/5.00ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
A2-9-18

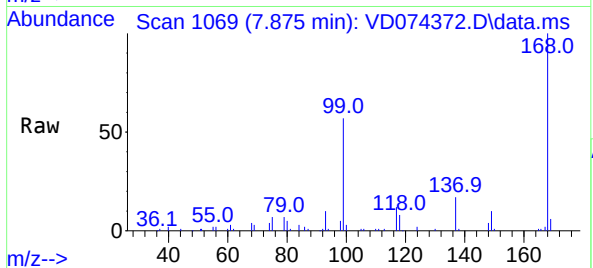
Quant Time: Sep 21 02:25:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
Response via : Initial Calibration



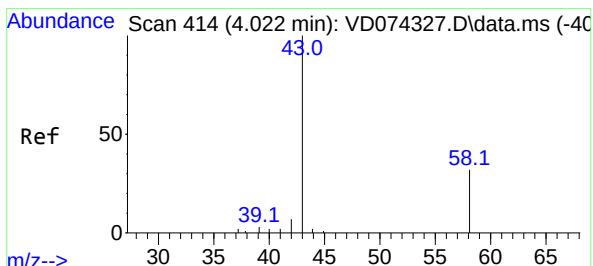
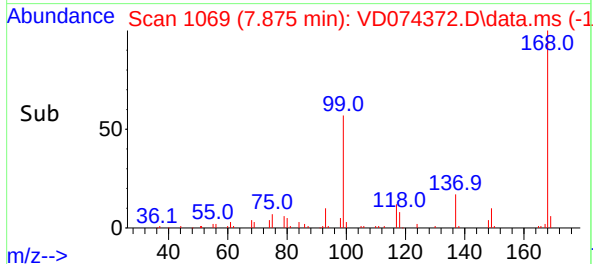
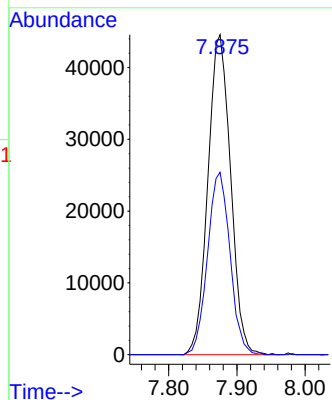


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

Instrument :
MSVOA_D
ClientSampleId :
A2-9-18

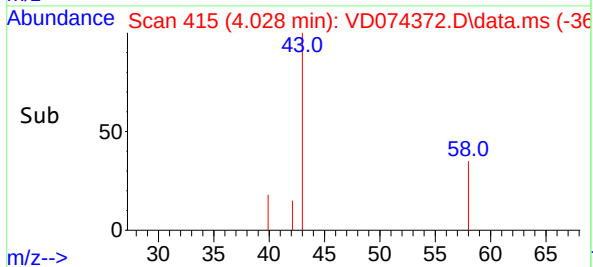
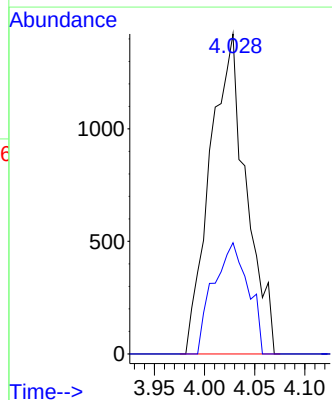
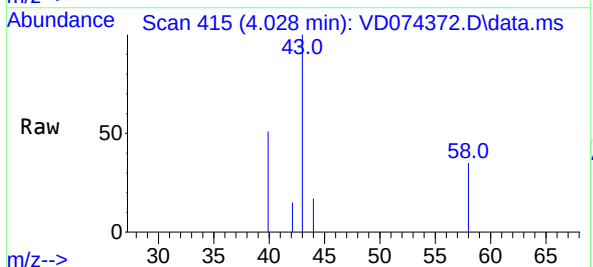


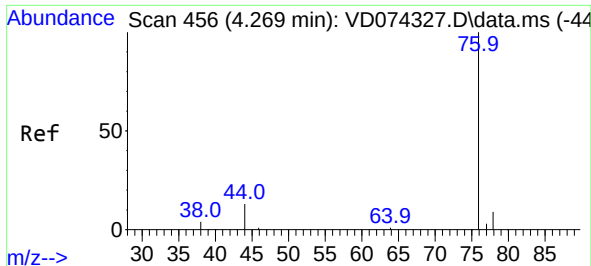
Tgt Ion:168 Resp: 103221
Ion Ratio Lower Upper
168 100
99 57.0 43.0 64.6



#16
Acetone
Concen: 15.779 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

Tgt Ion: 43 Resp: 3574
Ion Ratio Lower Upper
43 100
58 34.7 26.4 39.6

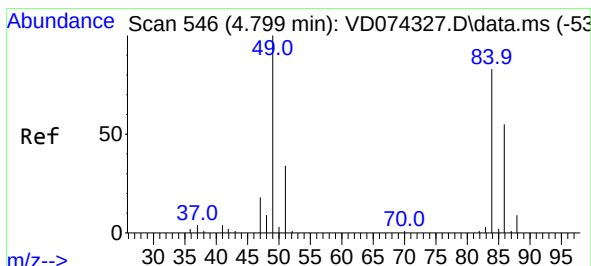
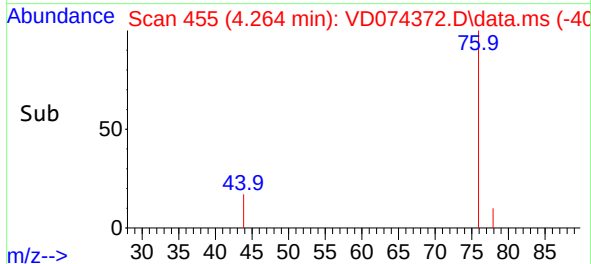
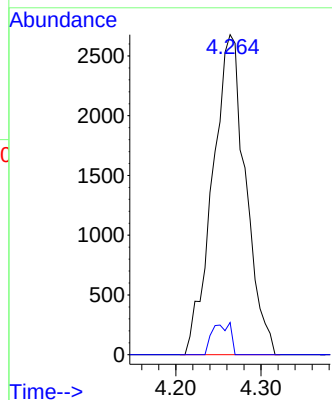
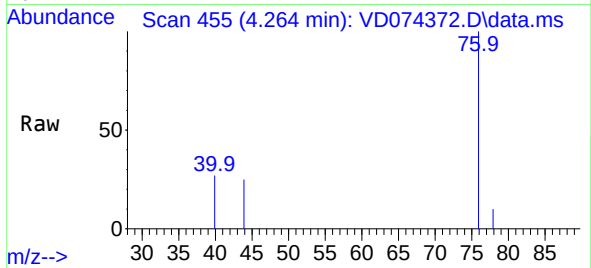




#17
Carbon Disulfide
Concen: 2.003 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

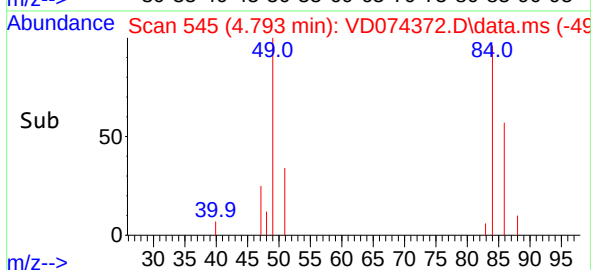
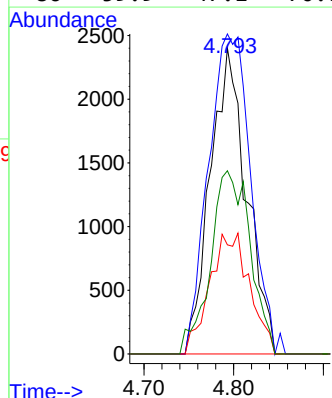
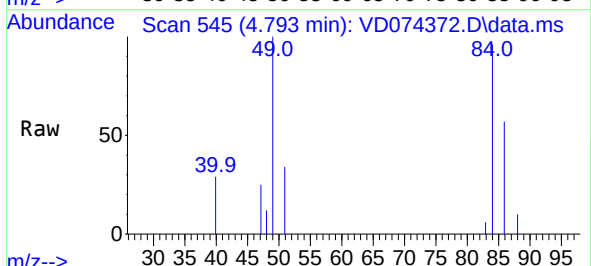
Instrument :
MSVOA_D
ClientSampleId :
A2-9-18

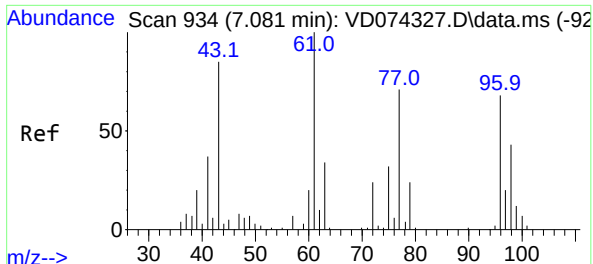
Tgt Ion: 76 Resp: 7219
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

Tgt Ion: 84 Resp: 6748
Ion Ratio Lower Upper
84 100
49 104.6 88.4 132.6
51 35.7 28.0 42.0
86 59.9 47.1 70.7

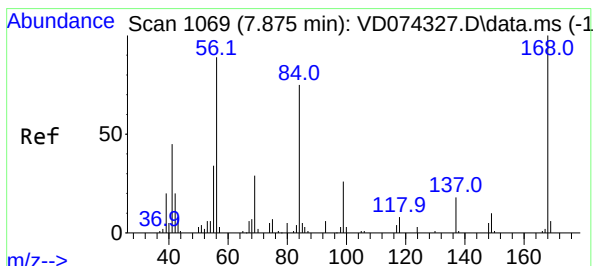
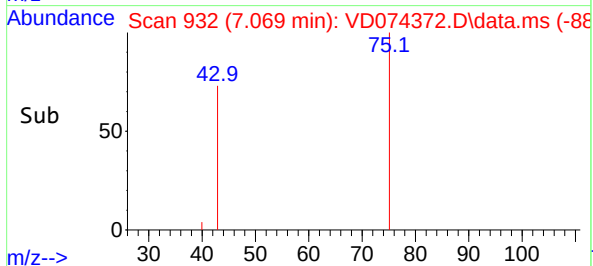
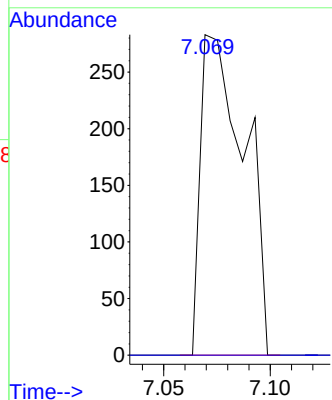
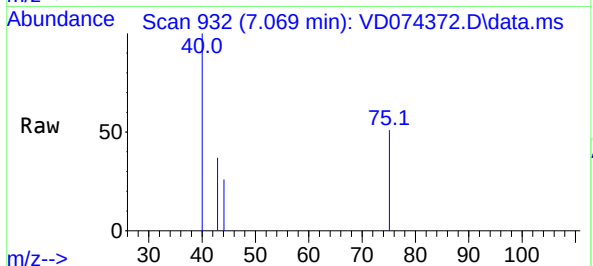




#25
2-Butanone
Concen: 1.200 ug/l
RT: 7.069 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

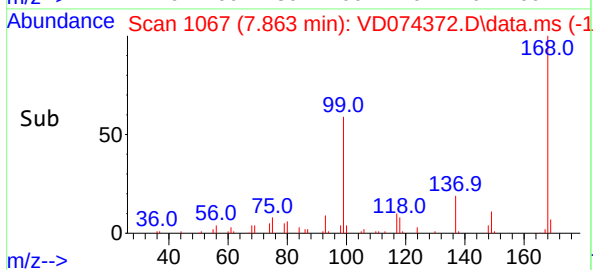
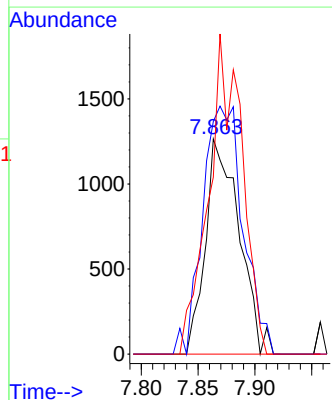
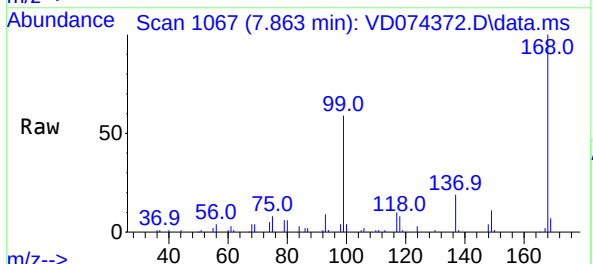
Instrument :
MSVOA_D
ClientSampleId :
A2-9-18

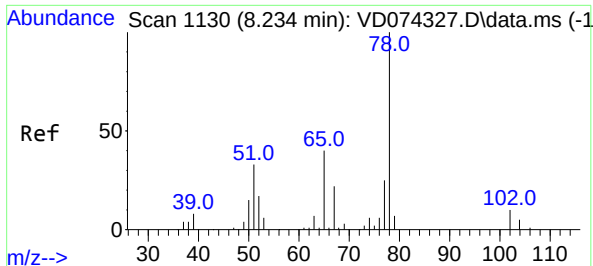
Tgt Ion: 43 Resp: 405
Ion Ratio Lower Upper
43 100
72 0.0 21.8 32.6#



#31
Cyclohexane
Concen: 1.239 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

Tgt Ion: 56 Resp: 2613
Ion Ratio Lower Upper
56 100
69 108.1 25.7 38.5#
84 82.2 73.9 110.9

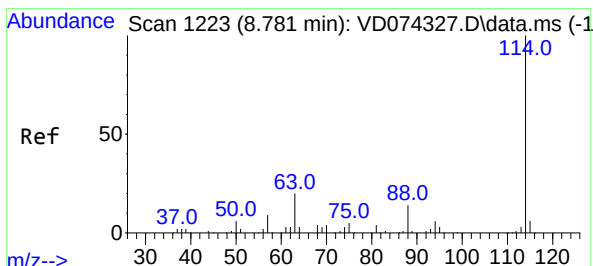
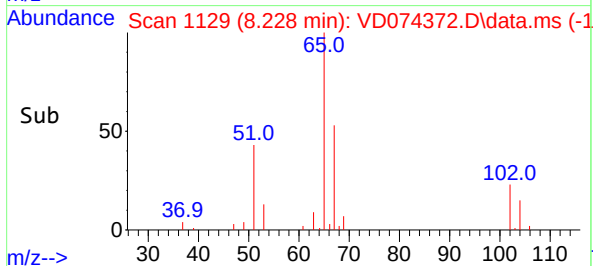
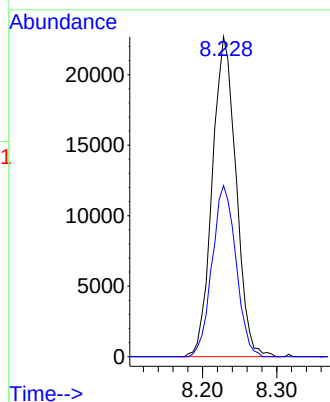
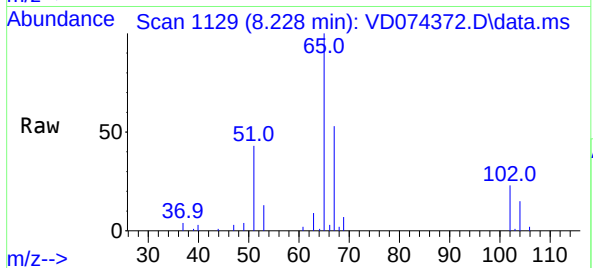




#33
 1,2-Dichloroethane-d4
 Concen: 50.249 ug/l
 RT: 8.228 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VD074372.D
 Acq: 20 Sep 2022 18:16

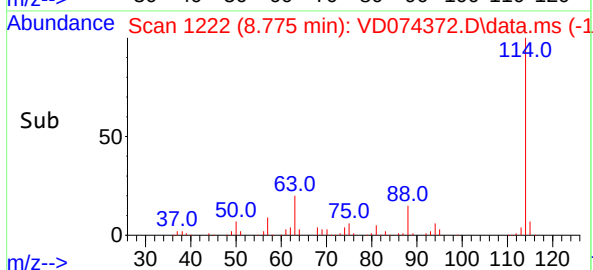
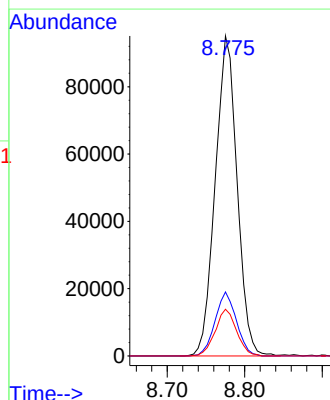
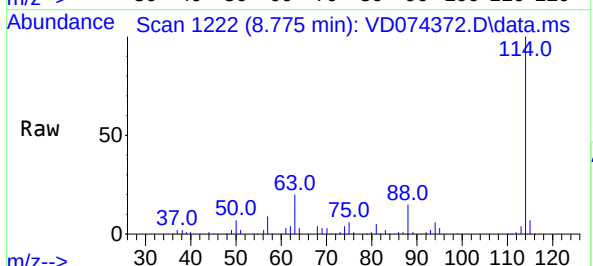
Instrument :
 MSVOA_D
 ClientSampleId :
 A2-9-18

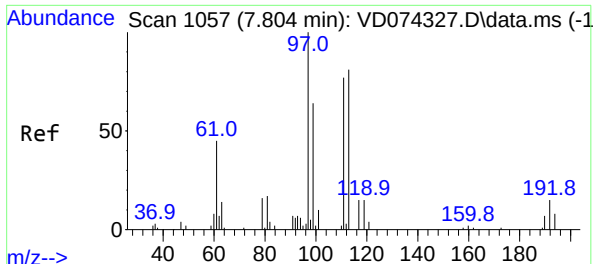
Tgt Ion: 65 Resp: 50520
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 110.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.006 min
 Lab File: VD074372.D
 Acq: 20 Sep 2022 18:16

Tgt Ion: 114 Resp: 186192
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 37.6
 88 14.6 0.0 28.4

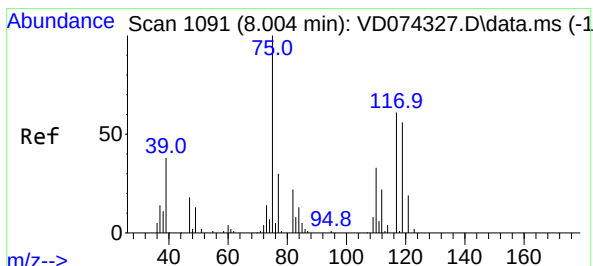
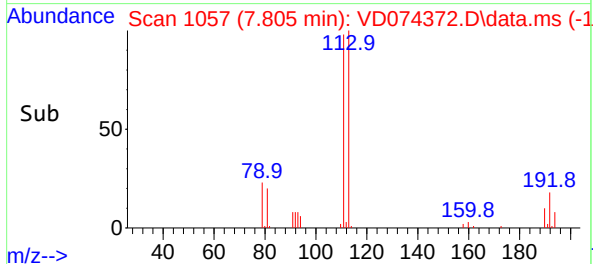
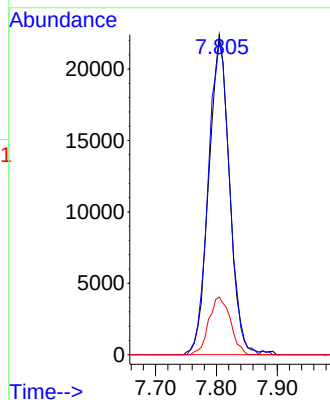
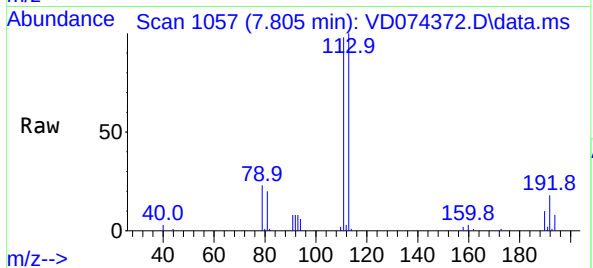




#35
Dibromofluoromethane
Concen: 43.147 ug/l
RT: 7.805 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

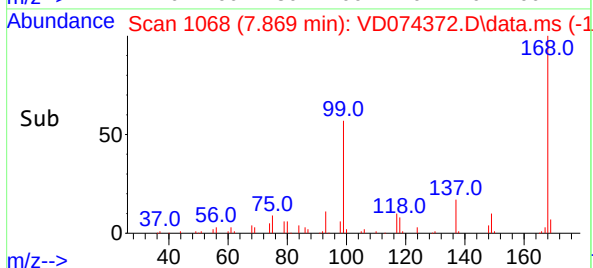
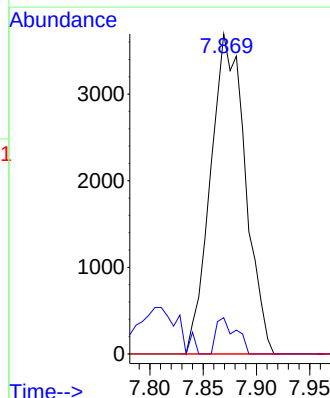
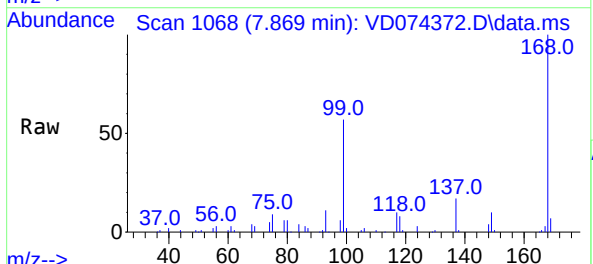
Instrument :
MSVOA_D
ClientSampleId :
A2-9-18

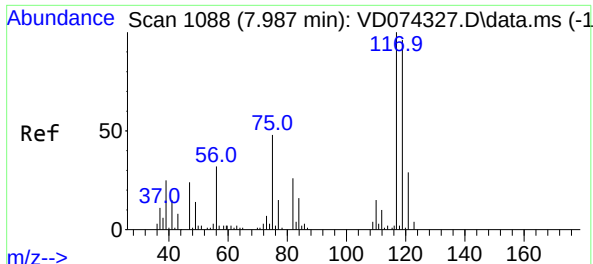
Tgt Ion:113 Resp: 52910
Ion Ratio Lower Upper
113 100
111 100.8 83.0 124.6
192 18.7 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.480 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

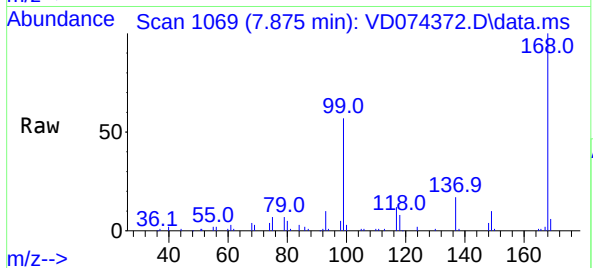
Tgt Ion: 75 Resp: 8386
Ion Ratio Lower Upper
75 100
110 6.4 17.5 52.5#
77 0.0 24.8 37.2#



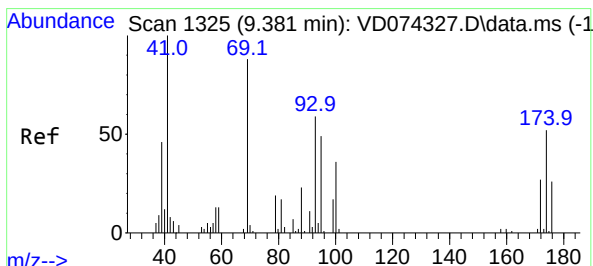
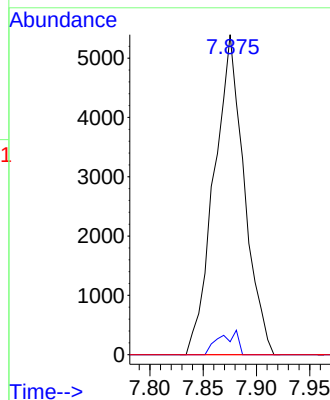
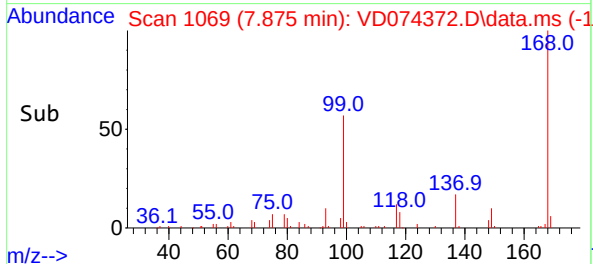


#38
Carbon Tetrachloride
Concen: 6.394 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

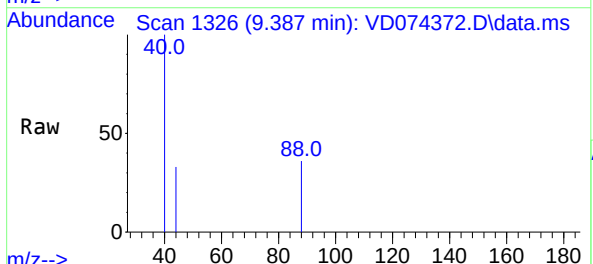
Instrument :
MSVOA_D
ClientSampleId :
A2-9-18



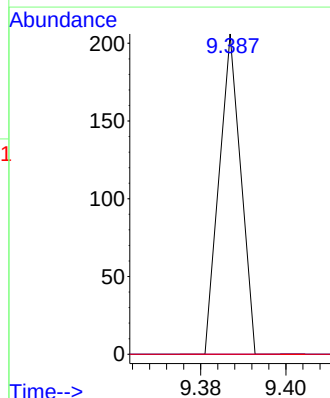
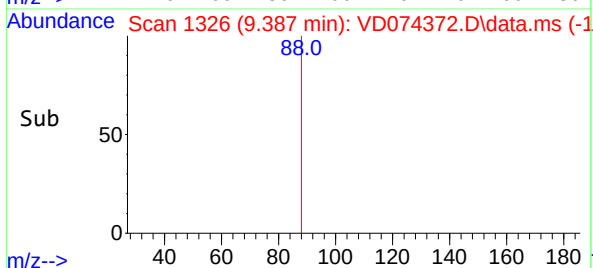
Tgt Ion:117 Resp: 10606
Ion Ratio Lower Upper
117 100
119 4.1 78.8 118.2#
121 0.0 23.9 35.9#

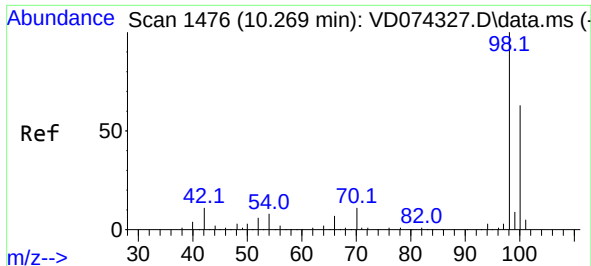


#49
1,4-Dioxane
Concen: 9.824 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16



Tgt Ion: 88 Resp: 73
Ion Ratio Lower Upper
88 100
43 0.0 27.0 40.4#
58 0.0 54.2 81.2#

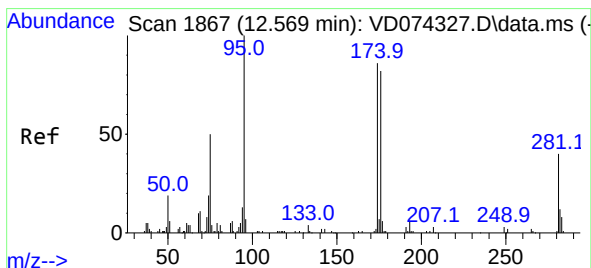
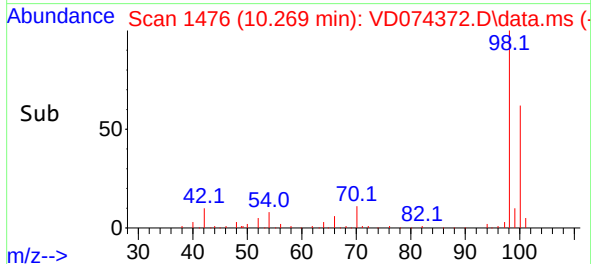
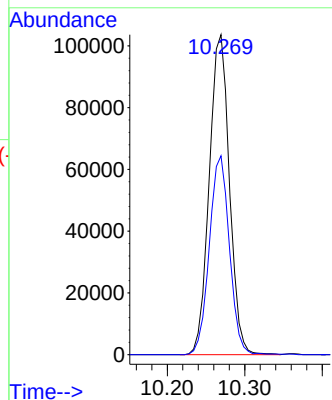
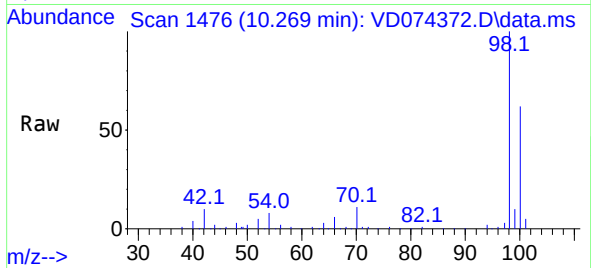




#50
Toluene-d8
Concen: 44.425 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

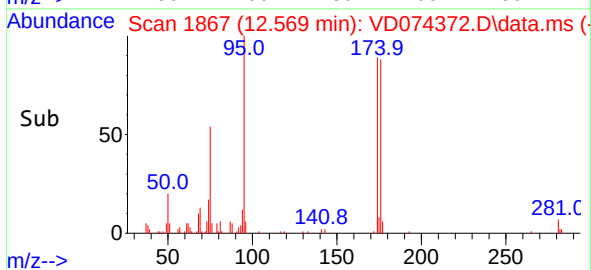
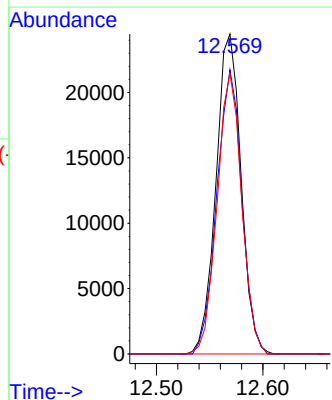
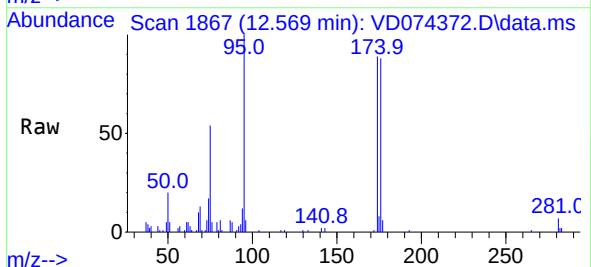
Instrument :
MSVOA_D
ClientSampleId :
A2-9-18

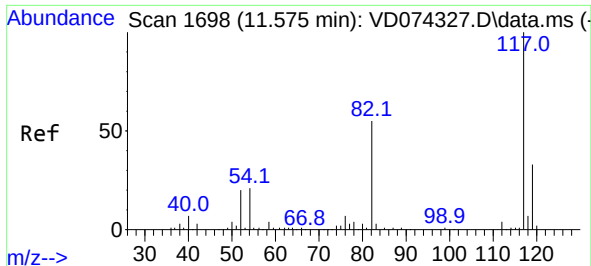
Tgt Ion: 98 Resp: 187974
Ion Ratio Lower Upper
98 100
100 62.0 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 25.068 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

Tgt Ion: 95 Resp: 40033
Ion Ratio Lower Upper
95 100
174 88.2 0.0 179.2
176 85.8 0.0 171.4

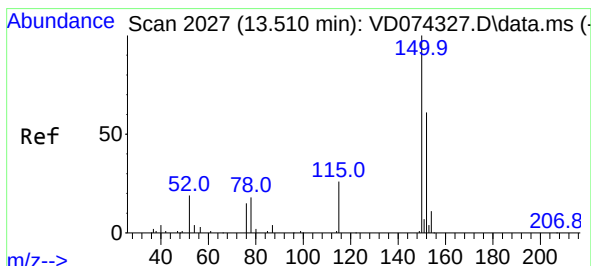
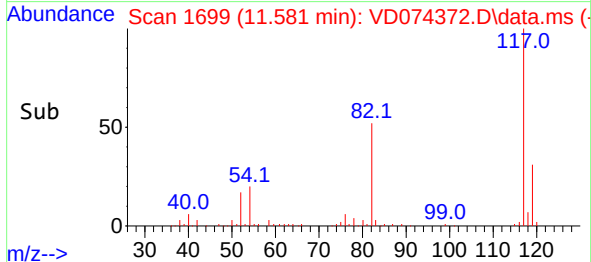
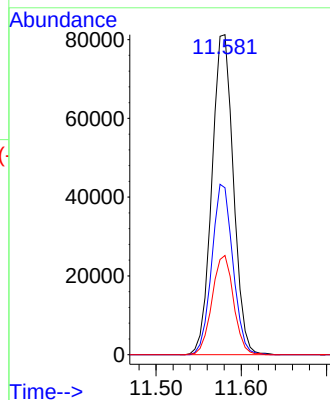
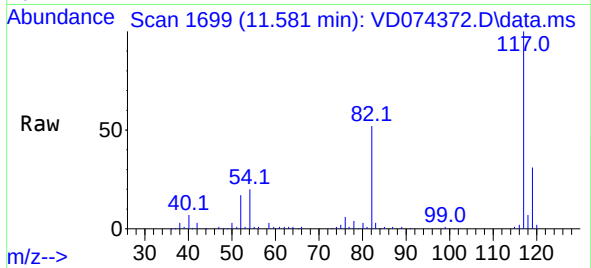




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

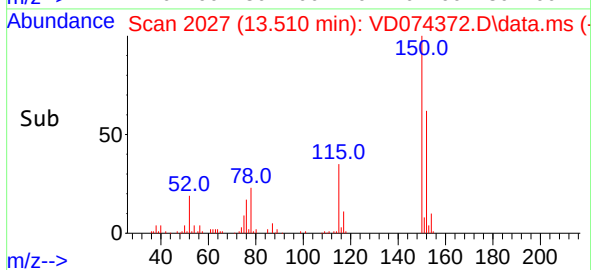
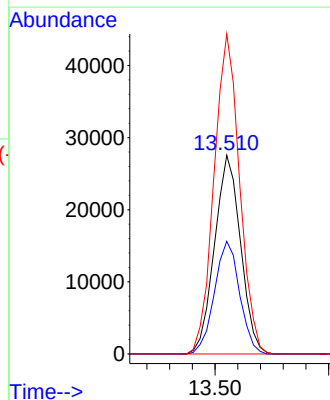
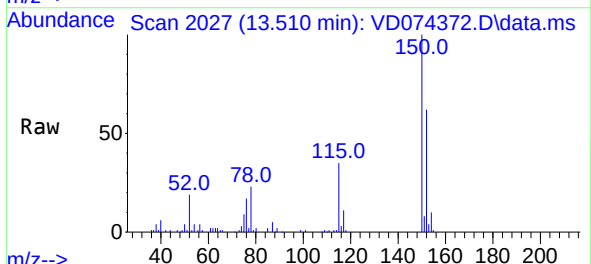
Instrument :
MSVOA_D
ClientSampleId :
A2-9-18

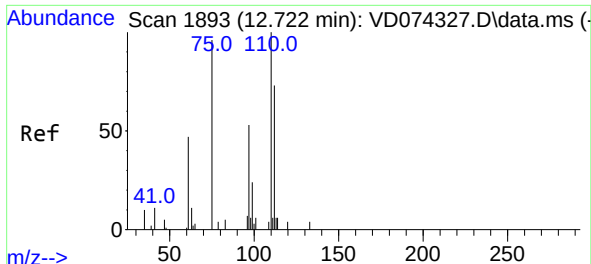
Tgt Ion:117 Resp: 142369
Ion Ratio Lower Upper
117 100
82 52.2 44.2 66.2
119 31.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

Tgt Ion:152 Resp: 43856
Ion Ratio Lower Upper
152 100
115 54.9 28.4 85.2
150 157.9 0.0 351.0

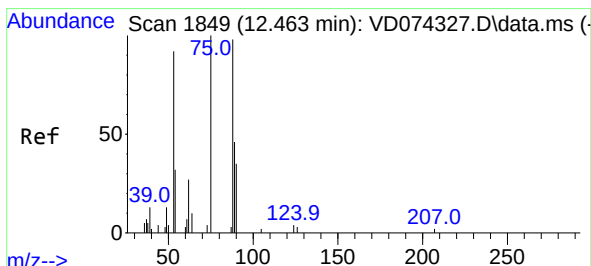
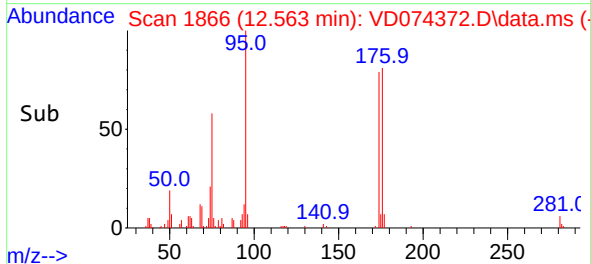
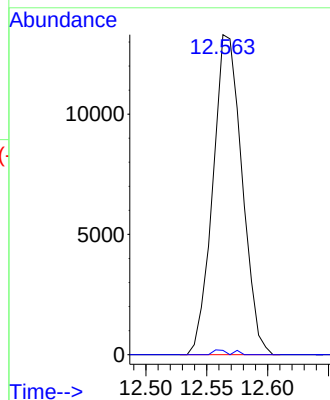
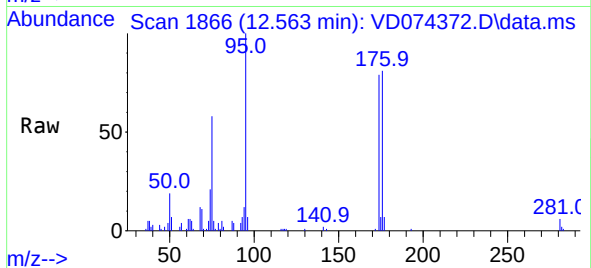




#76
1,2,3-Trichloropropane
Concen: 54.600 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. -0.159 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

Instrument :
MSVOA_D
ClientSampleId :
A2-9-18

Tgt Ion: 75 Resp: 22155
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 136.842 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.100 min
Lab File: VD074372.D
Acq: 20 Sep 2022 18:16

Tgt Ion: 75 Resp: 22155
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

