

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074364.D
 Acq On : 20 Sep 2022 14:21
 Operator : VA/SY
 Sample : N4641-10
 Misc : 6.98G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22001-11

Quant Time: Sep 21 02:24:22 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)

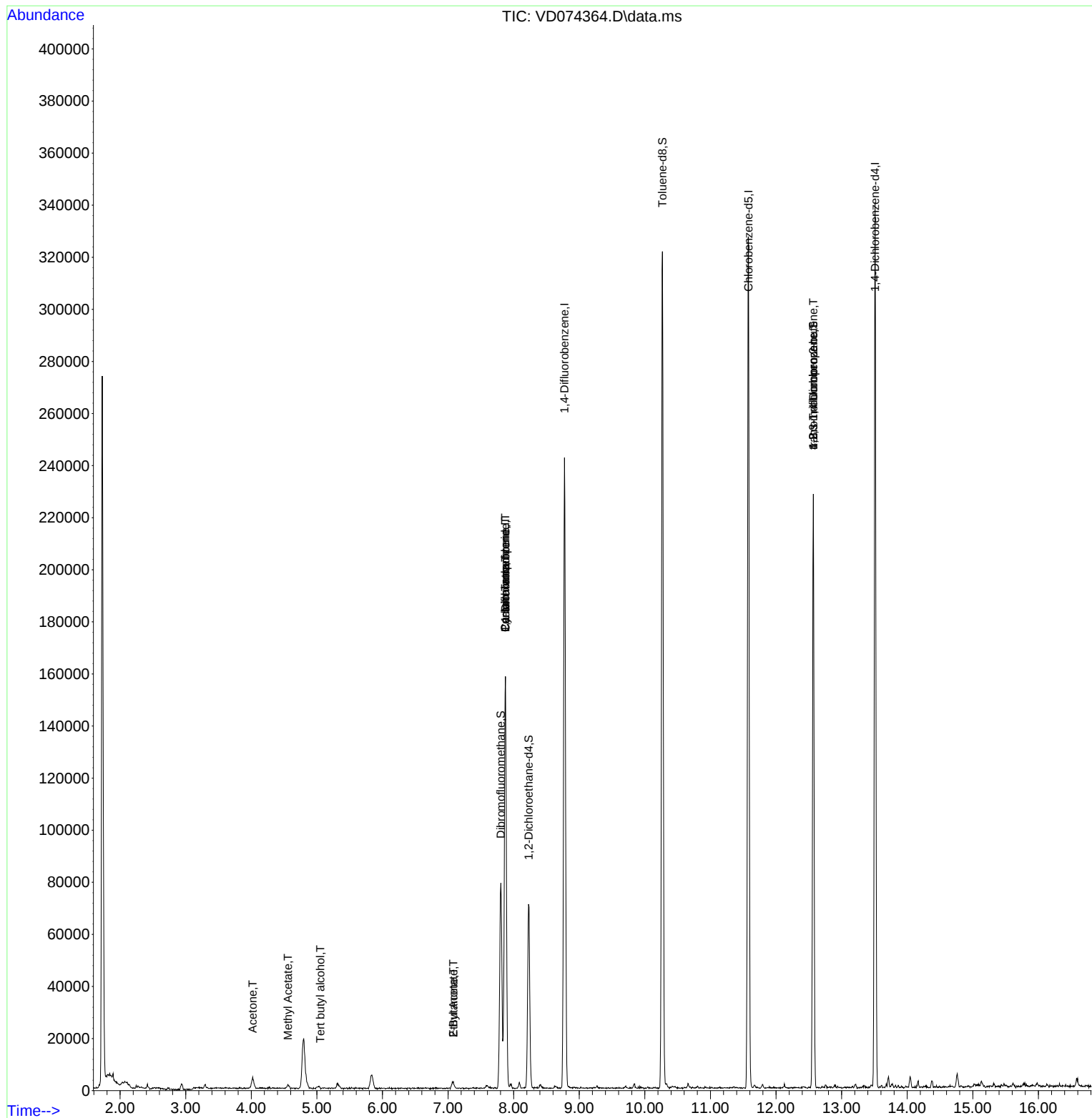
Internal Standards						
1) Pentafluorobenzene	7.875	168	122058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	215678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	192978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	90537	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55444	46.636	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.280%		
35) Dibromofluoromethane	7.804	113	57923	40.777	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	81.560%		
50) Toluene-d8	10.269	98	229784	46.882	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.760%		
62) 4-Bromofluorobenzene	12.569	95	68824	40.328	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	80.660%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.052	59	356	4.431	ug/l #	74
16) Acetone	4.022	43	7052	26.329	ug/l #	87
18) Methyl Acetate	4.558	43	2264	1.787	ug/l	96
20) Methylene Chloride	4.799	84	13817	Below Cal		92
25) 2-Butanone	7.081	43	1757	4.404	ug/l	96
31) Cyclohexane	7.875	56	3239	1.299	ug/l #	13
36) 1,1-Dichloropropene	7.875	75	9444	4.355	ug/l #	50
37) Ethyl Acetate	7.081	43	1757	2.023	ug/l #	67
38) Carbon Tetrachloride	7.875	117	12121	6.308	ug/l #	15
76) 1,2,3-Trichloropropane	12.569	75	34915	41.681	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	34915	104.463	ug/l #	100

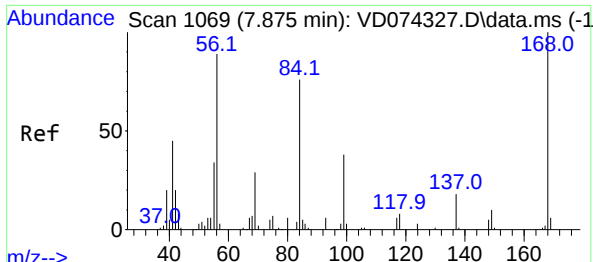
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
Data File : VD074364.D
Acq On : 20 Sep 2022 14:21
Operator : VA/SY
Sample : N4641-10
Misc : 6.98G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
D22001-11

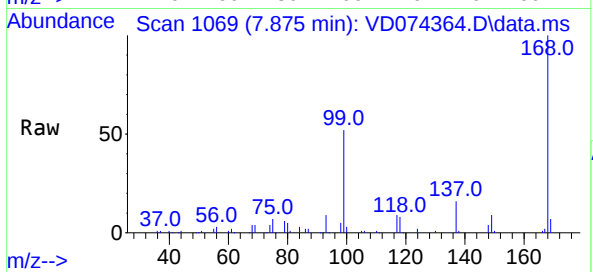
Quant Time: Sep 21 02:24:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
Response via : Initial Calibration



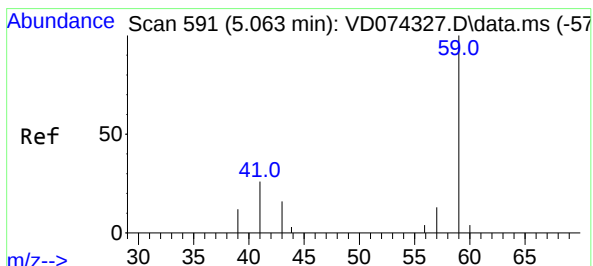
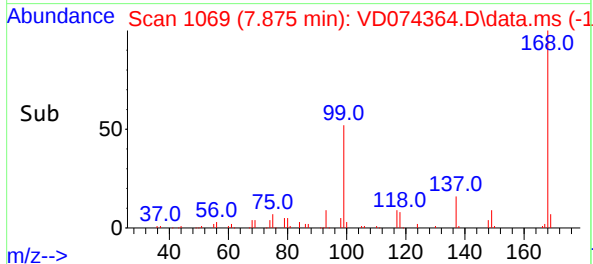
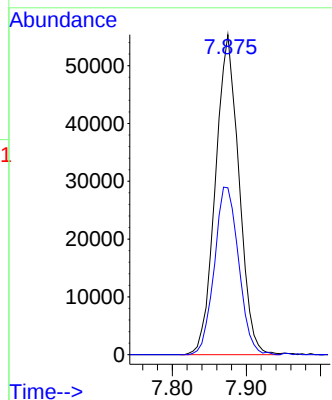


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074364.D
Acq: 20 Sep 2022 14:21

Instrument :
MSVOA_D
ClientSampleId :
D22001-11

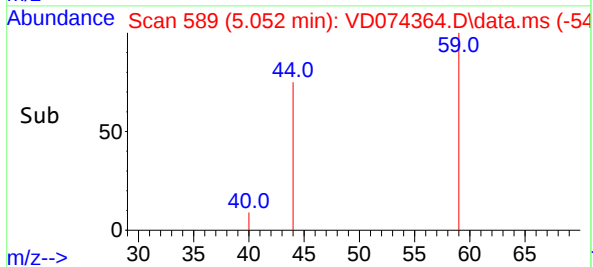
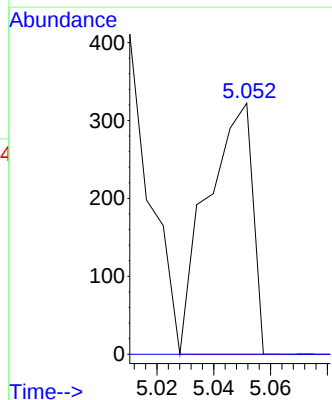
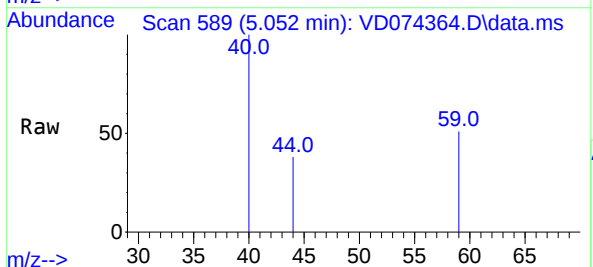


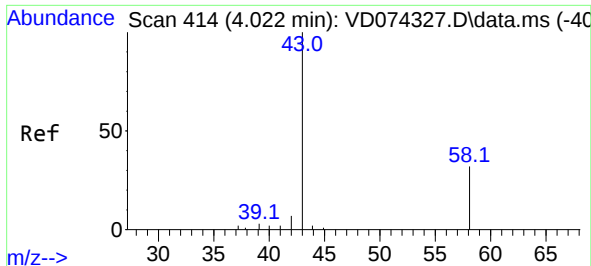
Tgt Ion:168 Resp: 122058
Ion Ratio Lower Upper
168 100
99 52.2 43.0 64.6



#11
Tert butyl alcohol
Concen: 4.431 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.011 min
Lab File: VD074364.D
Acq: 20 Sep 2022 14:21

Tgt Ion: 59 Resp: 356
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

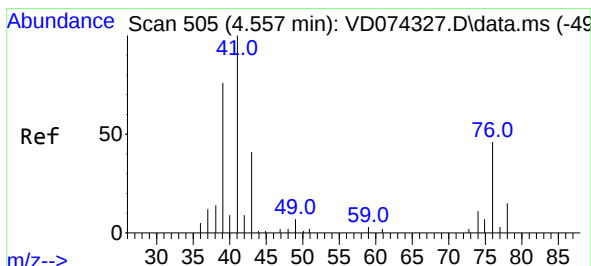
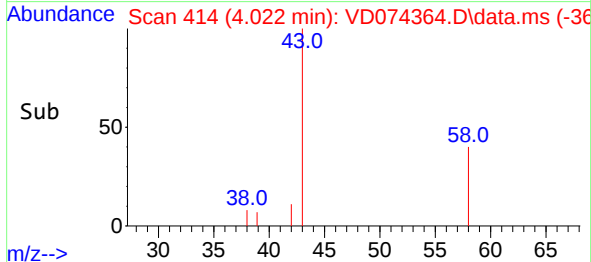
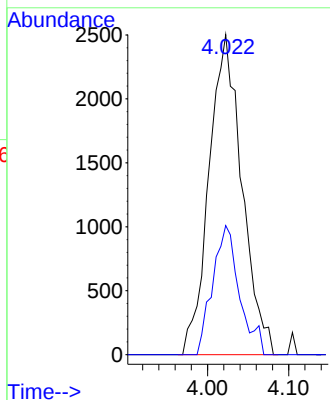
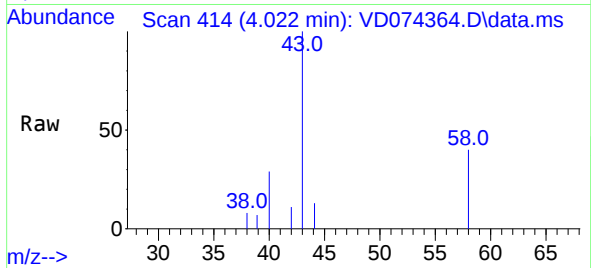




#16
Acetone
Concen: 26.329 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074364.D
Acq: 20 Sep 2022 14:21

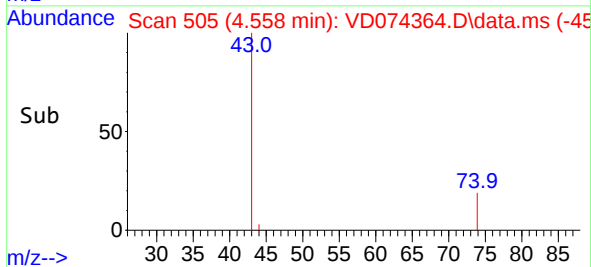
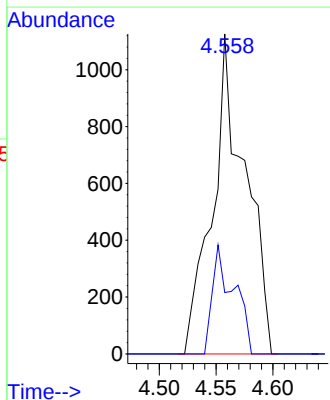
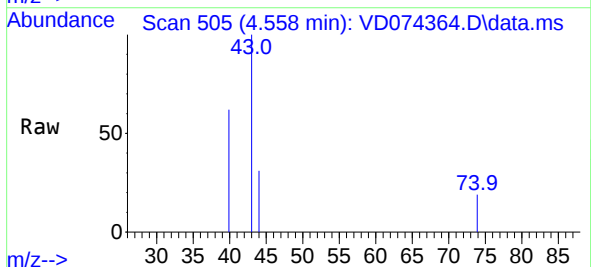
Instrument :
MSVOA_D
ClientSampleId :
D22001-11

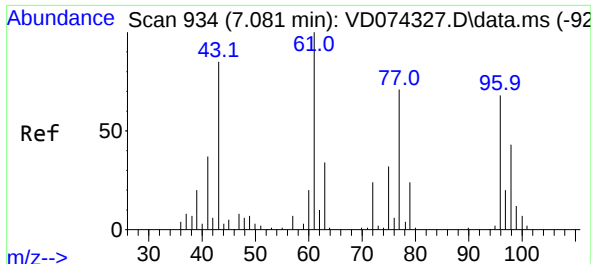
Tgt Ion: 43 Resp: 7052
Ion Ratio Lower Upper
43 100
58 40.4 26.4 39.6#



#18
Methyl Acetate
Concen: 1.787 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD074364.D
Acq: 20 Sep 2022 14:21

Tgt Ion: 43 Resp: 2264
Ion Ratio Lower Upper
43 100
74 22.2 19.3 28.9





#25

2-Butanone

Concen: 4.404 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD074364.D

Acq: 20 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

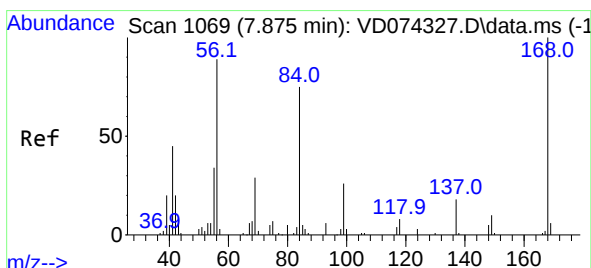
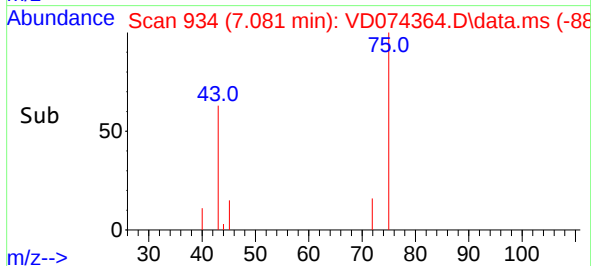
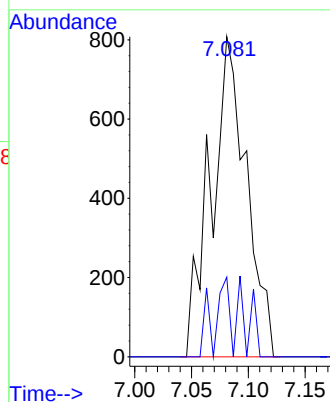
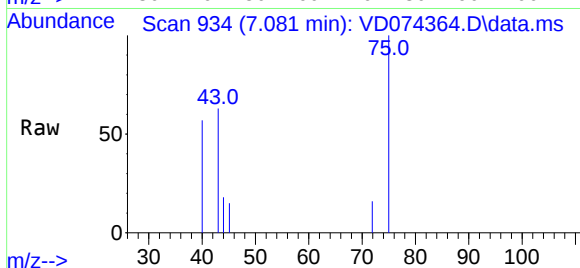
D22001-11

Tgt Ion: 43 Resp: 1757

Ion Ratio Lower Upper

43 100

72 24.9 21.8 32.6



#31

Cyclohexane

Concen: 1.299 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD074364.D

Acq: 20 Sep 2022 14:21

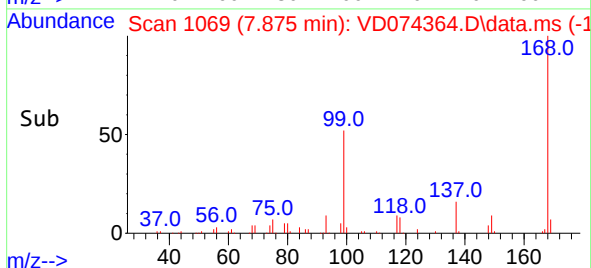
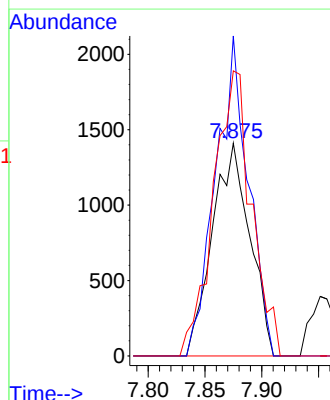
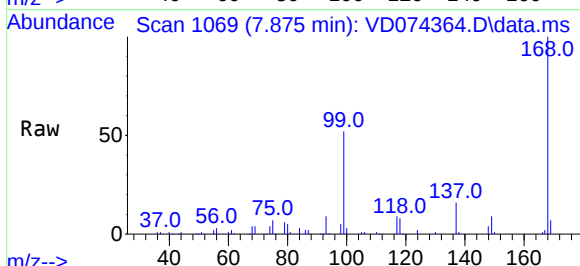
Tgt Ion: 56 Resp: 3239

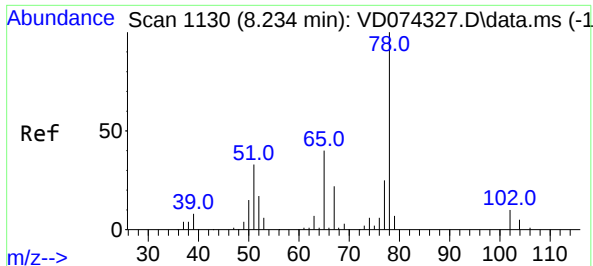
Ion Ratio Lower Upper

56 100

69 150.4 25.7 38.5#

84 134.0 73.9 110.9#





#33

1,2-Dichloroethane-d4

Concen: 46.636 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074364.D

Acq: 20 Sep 2022 14:21

Instrument :

MSVOA_D

ClientSampleId :

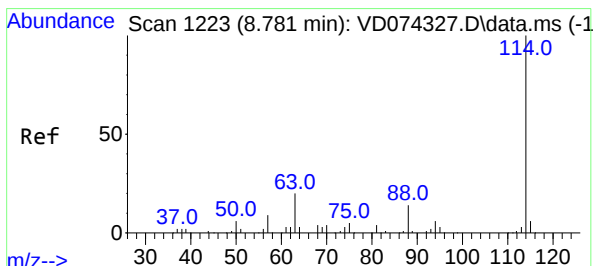
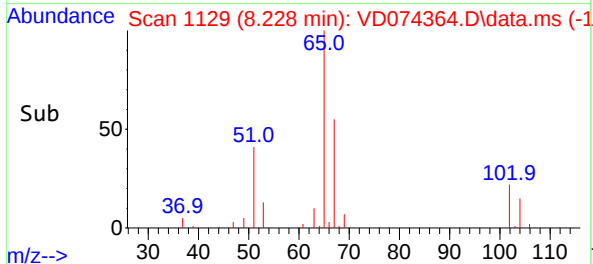
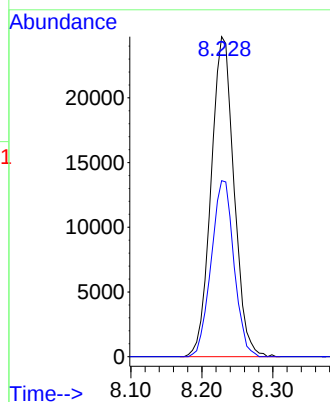
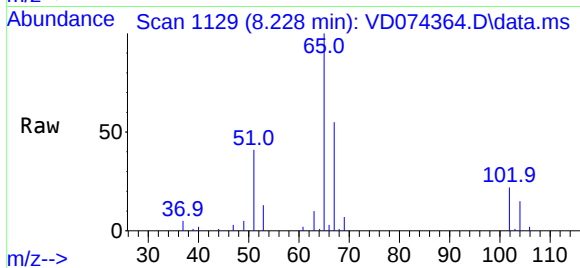
D22001-11

Tgt Ion: 65 Resp: 55444

Ion Ratio Lower Upper

65 100

67 54.6 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: VD074364.D

Acq: 20 Sep 2022 14:21

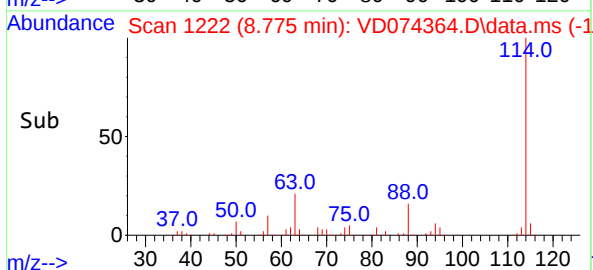
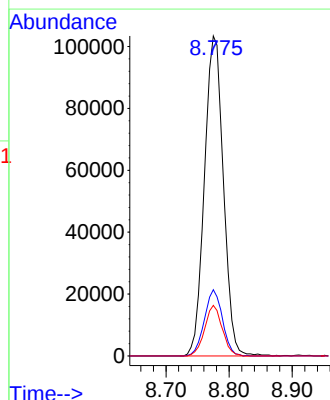
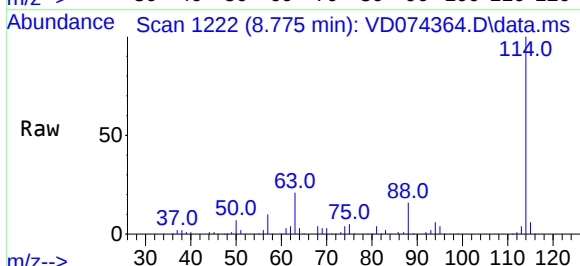
Tgt Ion: 114 Resp: 215678

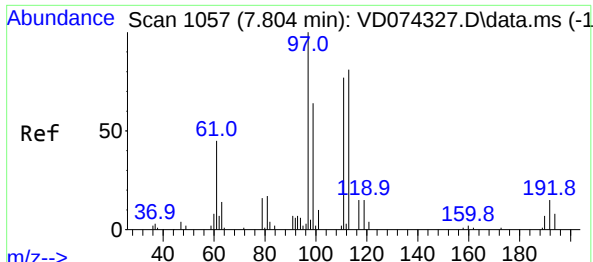
Ion Ratio Lower Upper

114 100

63 20.7 0.0 37.6

88 15.8 0.0 28.4

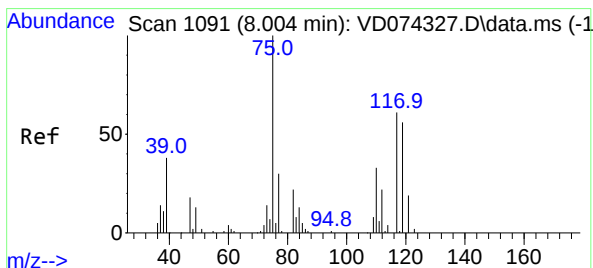
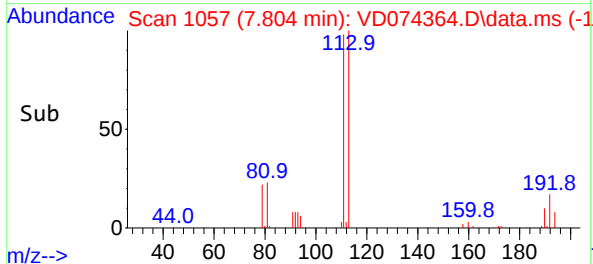
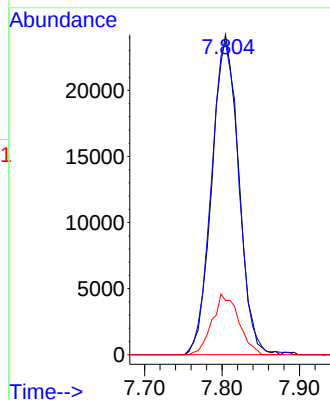
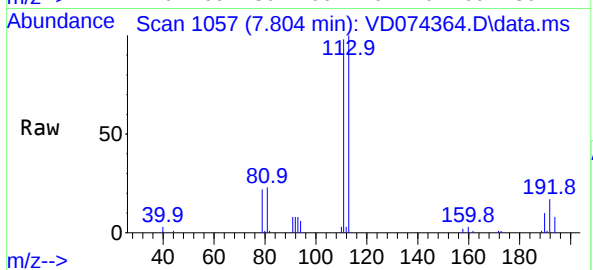




#35
Dibromofluoromethane
Concen: 40.777 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074364.D
Acq: 20 Sep 2022 14:21

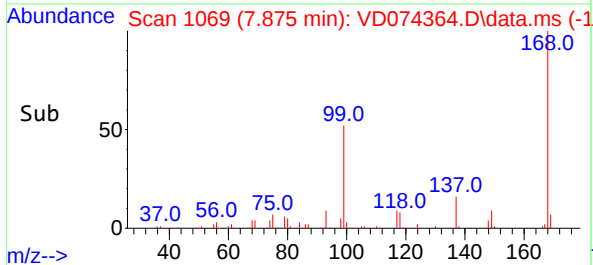
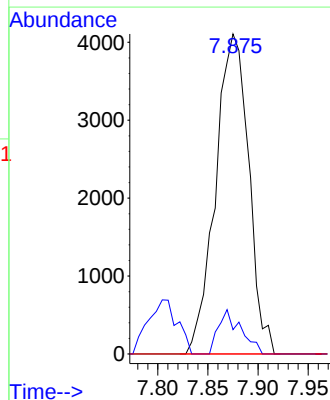
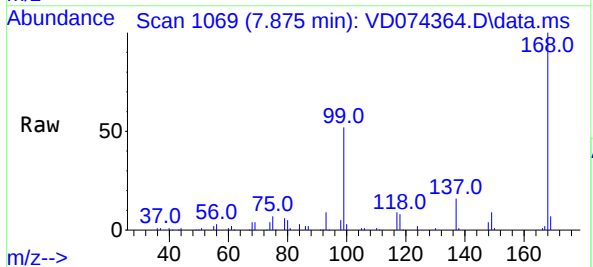
Instrument :
MSVOA_D
ClientSampleId :
D22001-11

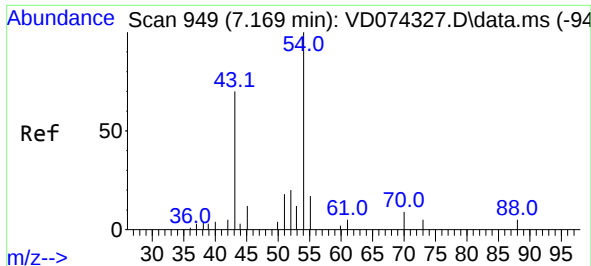
Tgt Ion: 113 Resp: 57923
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.6
192 18.8 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.355 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074364.D
Acq: 20 Sep 2022 14:21

Tgt Ion: 75 Resp: 9444
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.8 37.2#

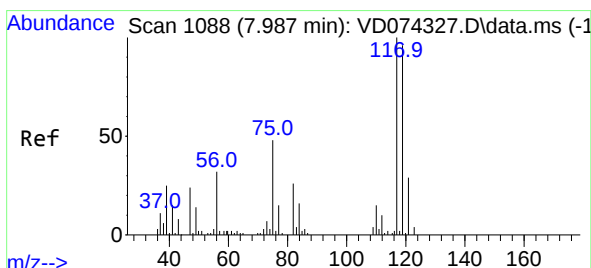
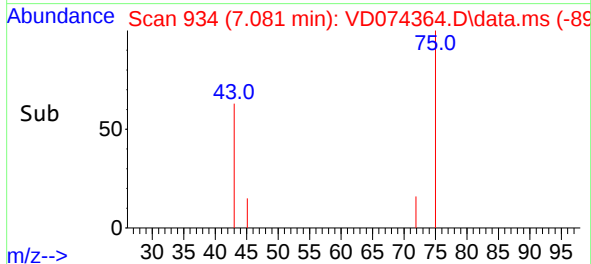
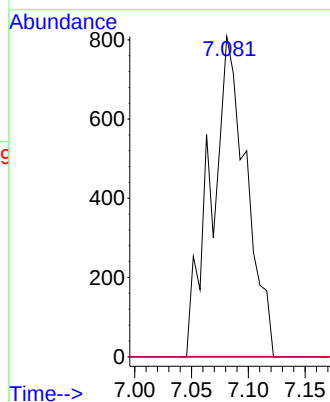
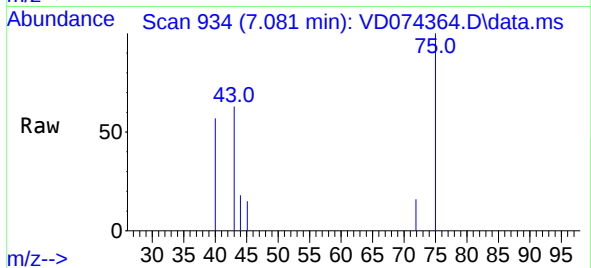




#37
Ethyl Acetate
Concen: 2.023 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.088 min
Lab File: VD074364.D
Acq: 20 Sep 2022 14:21

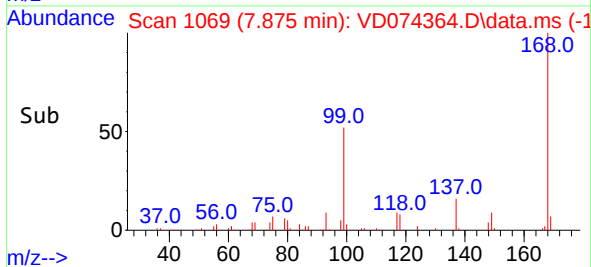
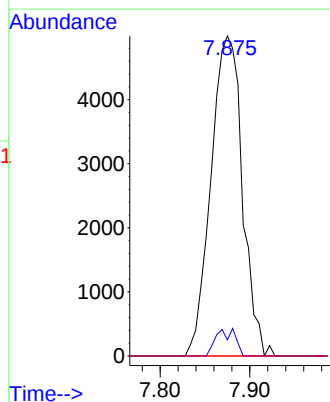
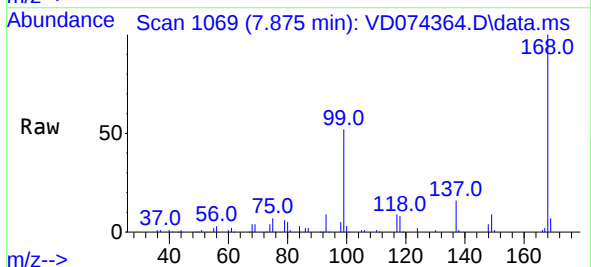
Instrument :
MSVOA_D
ClientSampleId :
D22001-11

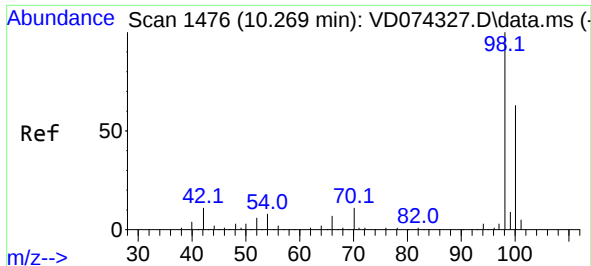
Tgt Ion: 43 Resp: 1757
Ion Ratio Lower Upper
43 100
61 0.0 12.1 18.1#
70 0.0 8.5 12.7#



#38
Carbon Tetrachloride
Concen: 6.308 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD074364.D
Acq: 20 Sep 2022 14:21

Tgt Ion: 117 Resp: 12121
Ion Ratio Lower Upper
117 100
119 5.1 78.8 118.2#
121 0.0 23.9 35.9#

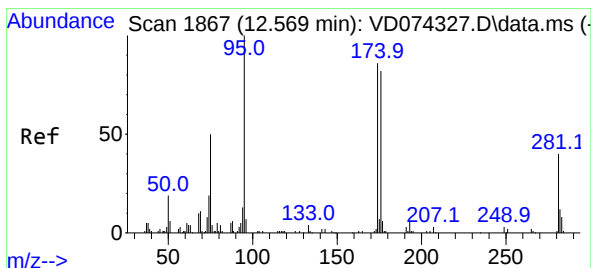
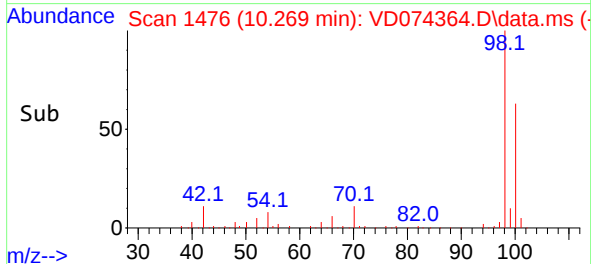
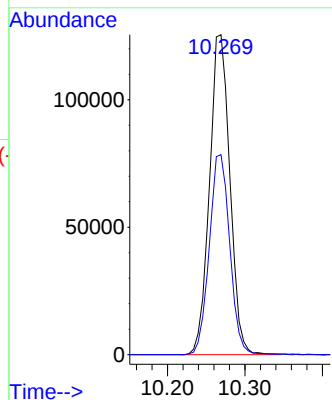
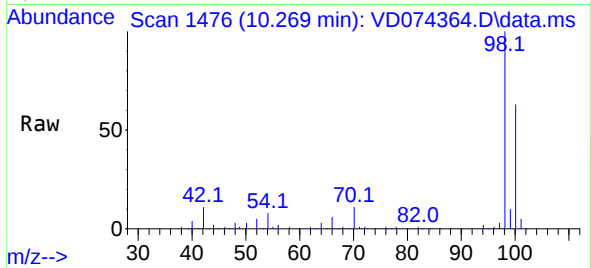




#50
Toluene-d8
Concen: 46.882 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074364.D
Acq: 20 Sep 2022 14:21

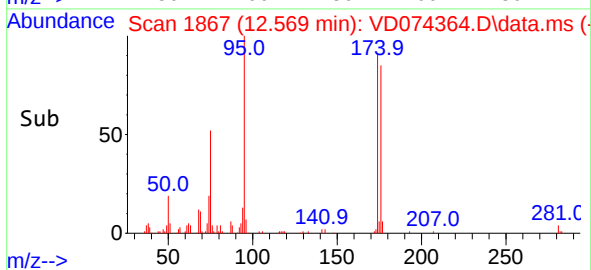
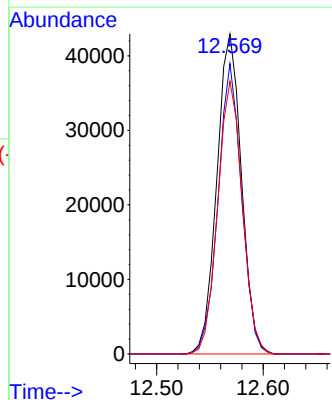
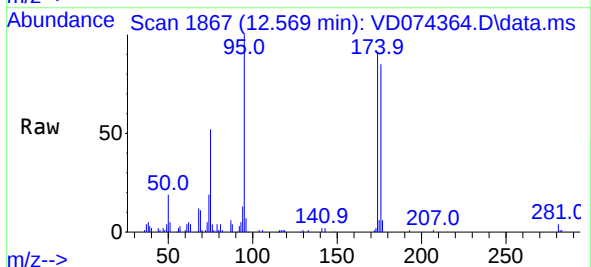
Instrument :
MSVOA_D
ClientSampleId :
D22001-11

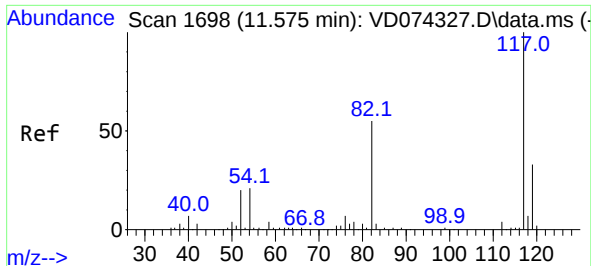
Tgt Ion: 98 Resp: 229784
Ion Ratio Lower Upper
98 100
100 62.8 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 40.328 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074364.D
Acq: 20 Sep 2022 14:21

Tgt Ion: 95 Resp: 68824
Ion Ratio Lower Upper
95 100
174 86.8 0.0 179.2
176 84.9 0.0 171.4

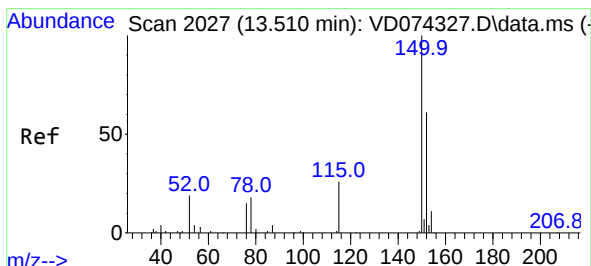
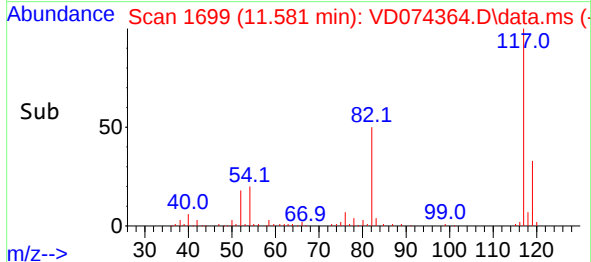
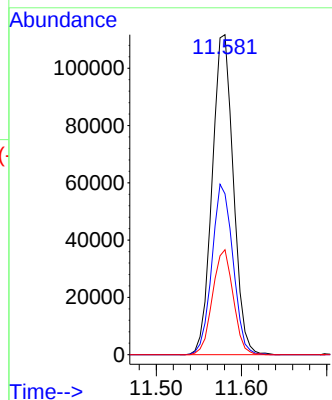
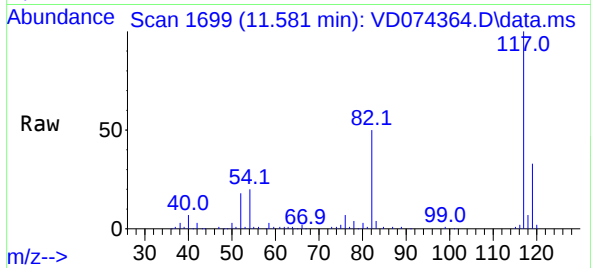




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD074364.D
Acq: 20 Sep 2022 14:21

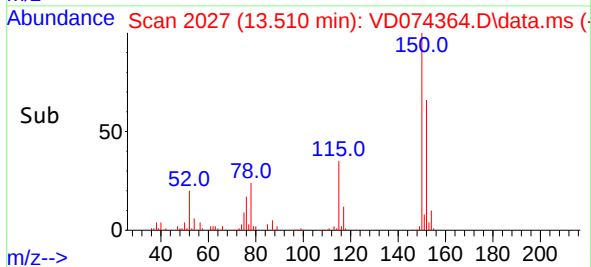
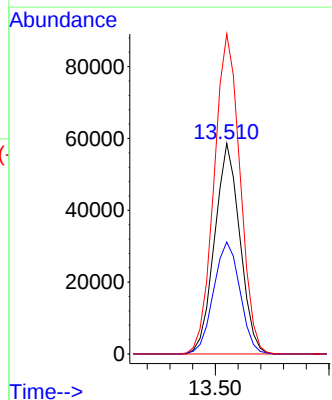
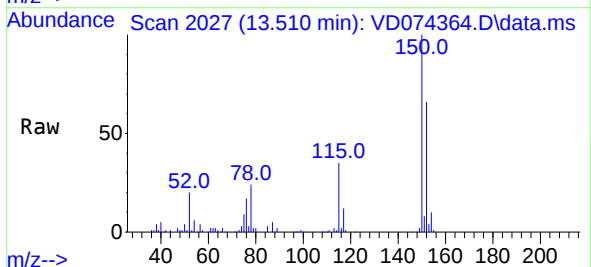
Instrument :
MSVOA_D
ClientSampleId :
D22001-11

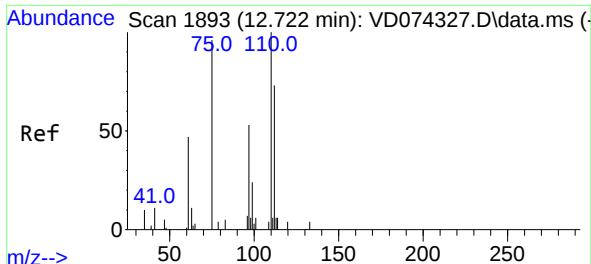
Tgt Ion:117 Resp: 192978
Ion Ratio Lower Upper
117 100
82 50.3 44.2 66.2
119 32.8 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD074364.D
Acq: 20 Sep 2022 14:21

Tgt Ion:152 Resp: 90537
Ion Ratio Lower Upper
152 100
115 55.7 28.4 85.2
150 156.3 0.0 351.0

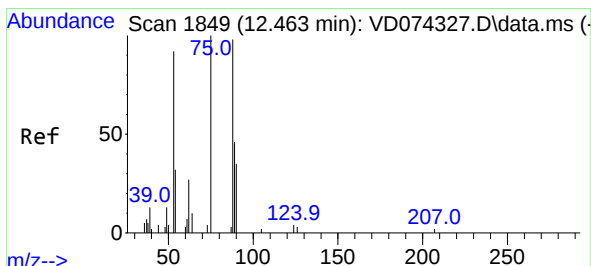
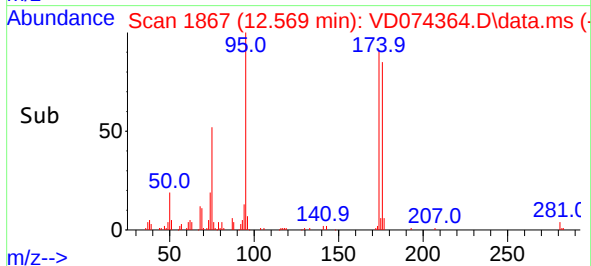
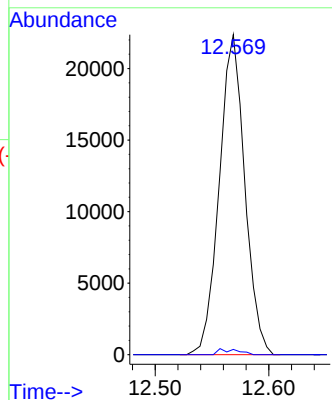
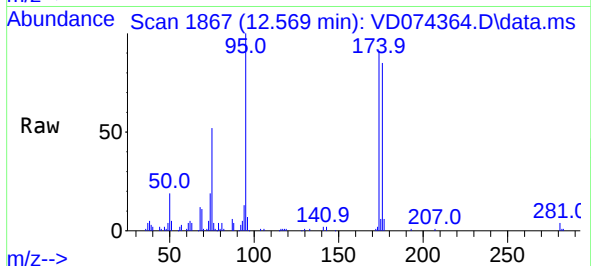




#76
1,2,3-Trichloropropane
Concen: 41.681 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074364.D
Acq: 20 Sep 2022 14:21

Instrument :
MSVOA_D
ClientSampleId :
D22001-11

Tgt Ion: 75 Resp: 34915
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 104.463 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074364.D
Acq: 20 Sep 2022 14:21

Tgt Ion: 75 Resp: 34915
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

