

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092023\
 Data File : VD077169.D
 Acq On : 20 Sep 2023 16:15
 Operator : JC/SY
 Sample : 04479-05RE
 Misc : 5.09G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 21 02:25:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

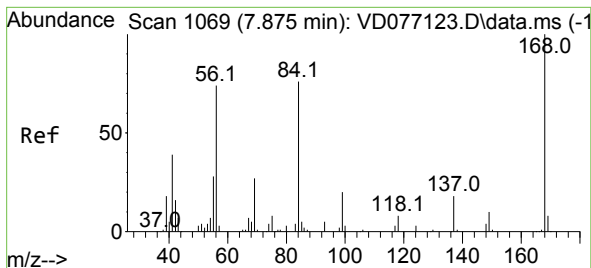
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	225292	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	535076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	564539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	237376	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	112630	49.537	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.080%
35) Dibromofluoromethane	7.805	113	153585	41.324	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	82.640%
50) Toluene-d8	10.269	98	618015	46.717	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.440%
62) 4-Bromofluorobenzene	12.575	95	215415	52.537	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	105.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.034	59	1864	14.379	ug/l #	90
13) Acrolein	3.781	56	72	Below Cal	#	15
16) Acetone	4.022	43	106451	204.850	ug/l	87
25) 2-Butanone	7.081	43	8194	11.986	ug/l #	78
26) 2,2-Dichloropropane	7.063	77	4679	1.062	ug/l #	49
31) Cyclohexane	7.875	56	4845	1.218	ug/l #	13
37) Ethyl Acetate	7.081	43	8194	3.816	ug/l #	57
38) Carbon Tetrachloride	7.875	117	22127	4.022	ug/l #	15
51) 4-Methyl-2-Pentanone	10.157	43	7549	3.651	ug/l	89
76) 1,2,3-Trichloropropane	12.575	75	111027	58.636	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	111027	110.987	ug/l #	17

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

Quant Time: Sep 21 02:25:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
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: VD077169.D

Acq: 20 Sep 2023 16:15

Instrument :

MSVOA_D

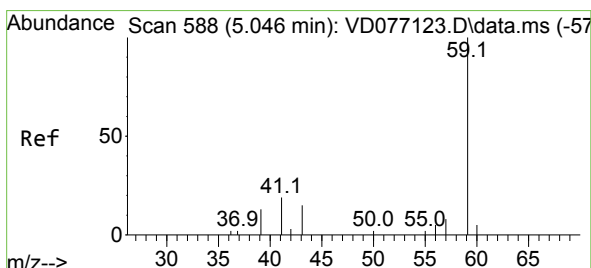
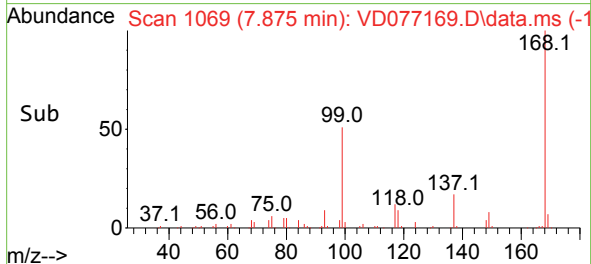
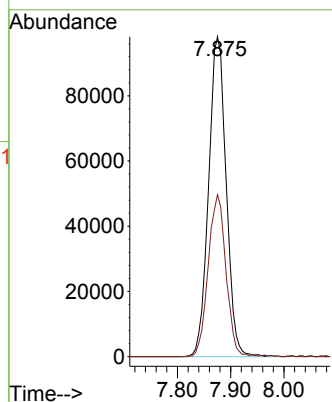
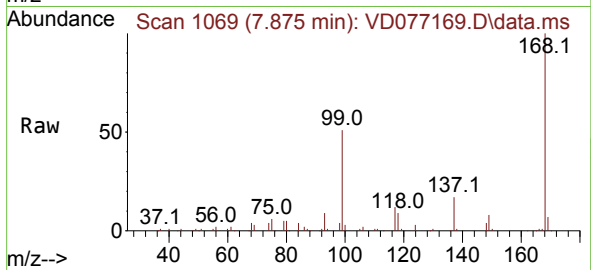
ClientSampleId :

Tgt Ion:168 Resp: 225292

Ion Ratio Lower Upper

168 100

99 50.6 36.7 55.1



#11

Tert butyl alcohol

Concen: 14.379 ug/l

RT: 5.034 min Scan# 586

Delta R.T. -0.012 min

Lab File: VD077169.D

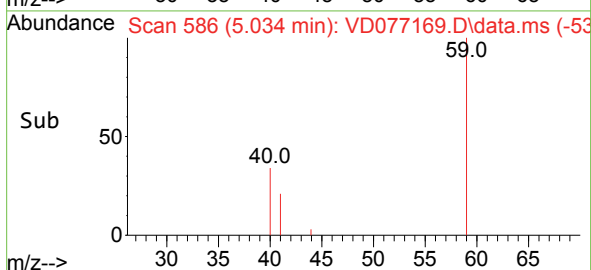
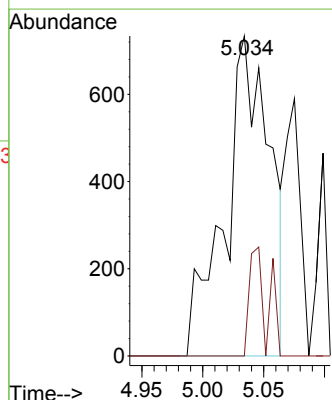
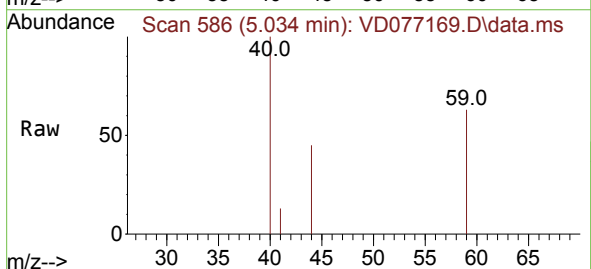
Acq: 20 Sep 2023 16:15

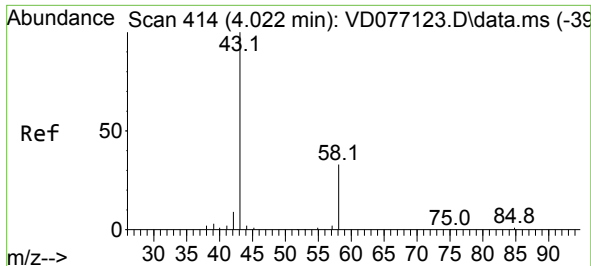
Tgt Ion: 59 Resp: 1864

Ion Ratio Lower Upper

59 100

57 13.4 7.8 11.8#

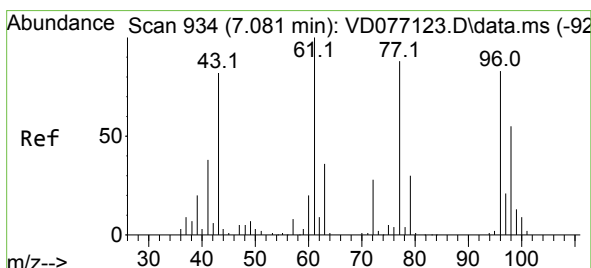
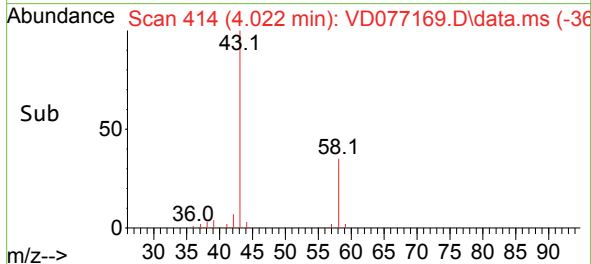
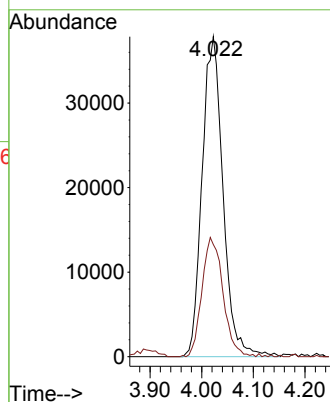
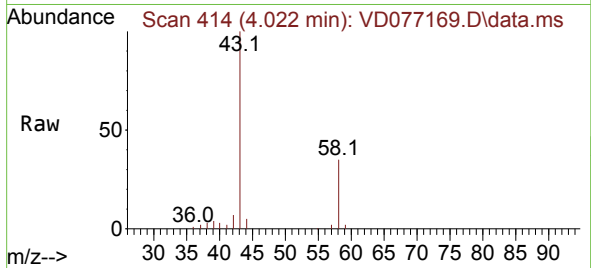




#16
Acetone
Concen: 204.850 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077169.D
Acq: 20 Sep 2023 16:15

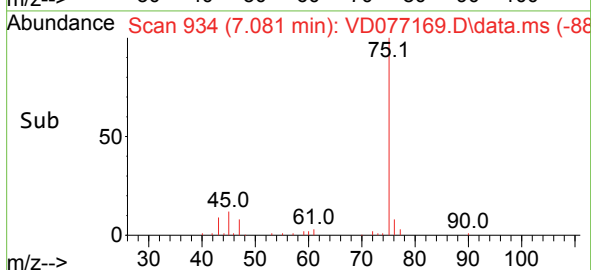
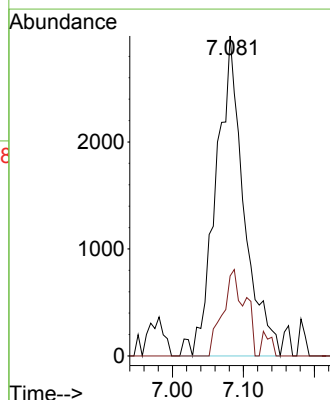
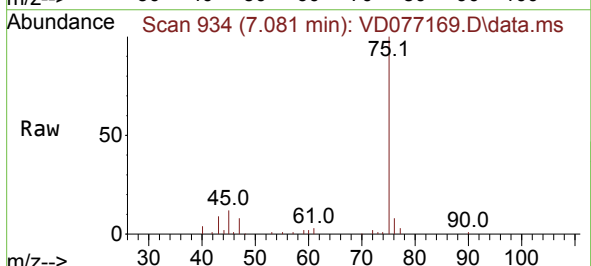
Instrument :
MSVOA_D
ClientSampleId :

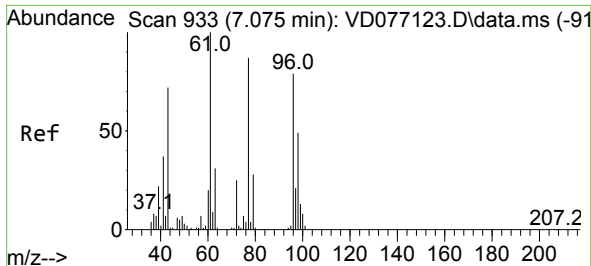
Tgt Ion: 43 Resp: 106451
Ion Ratio Lower Upper
43 100
58 35.0 34.7 52.1



#25
2-Butanone
Concen: 11.986 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD077169.D
Acq: 20 Sep 2023 16:15

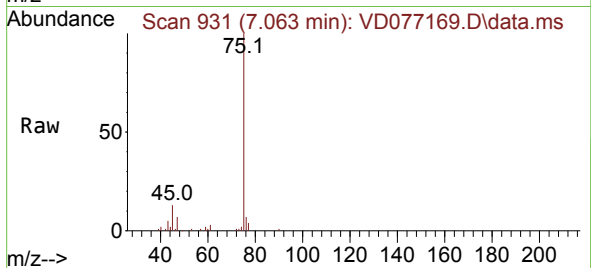
Tgt Ion: 43 Resp: 8194
Ion Ratio Lower Upper
43 100
72 25.0 30.7 46.1#



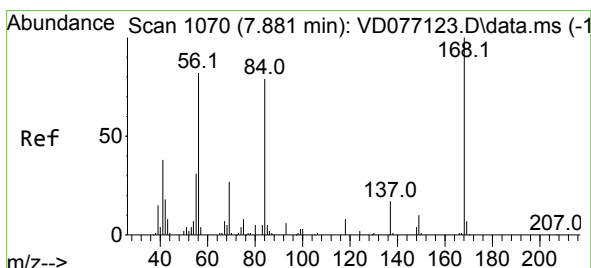
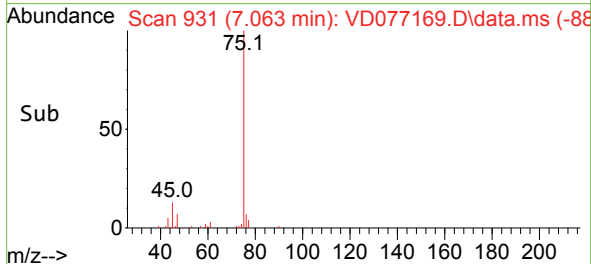
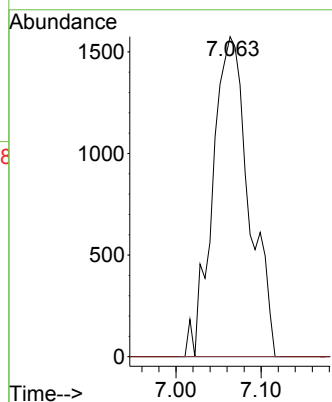


#26
2,2-Dichloropropane
Concen: 1.062 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD077169.D
Acq: 20 Sep 2023 16:15

Instrument :
MSVOA_D
ClientSampleId :

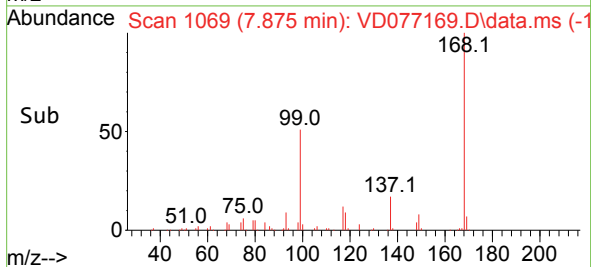
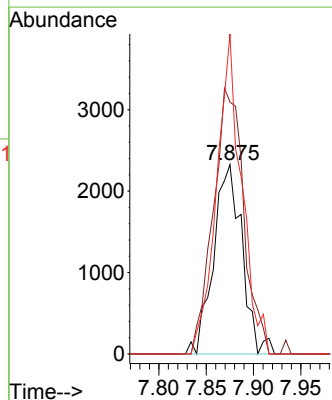
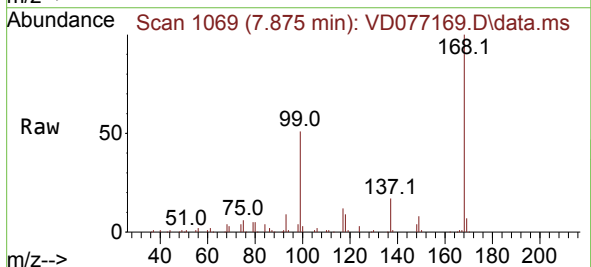


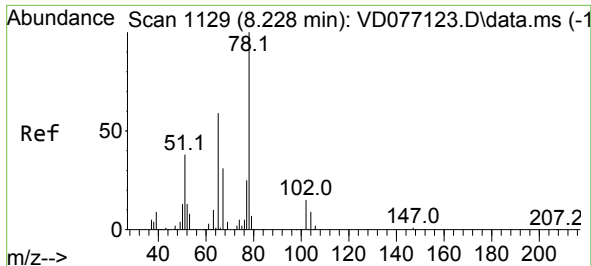
Tgt Ion: 77 Resp: 4679
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#



#31
Cyclohexane
Concen: 1.218 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077169.D
Acq: 20 Sep 2023 16:15

Tgt Ion: 56 Resp: 4845
Ion Ratio Lower Upper
56 100
69 133.1 28.6 43.0#
84 169.1 84.8 127.2#

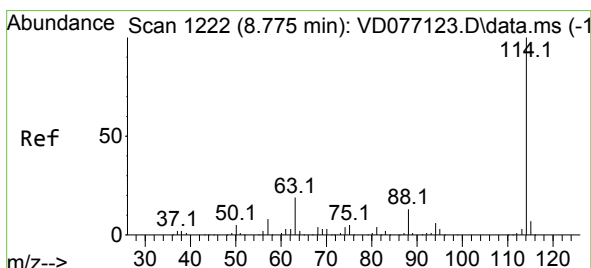
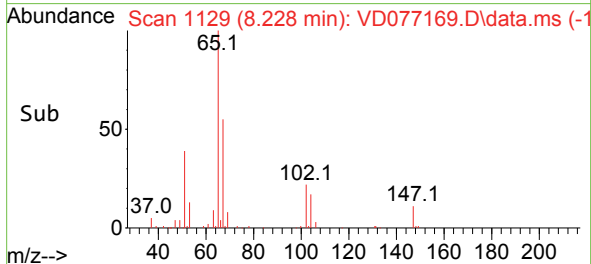
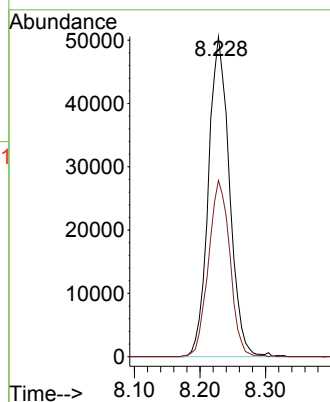
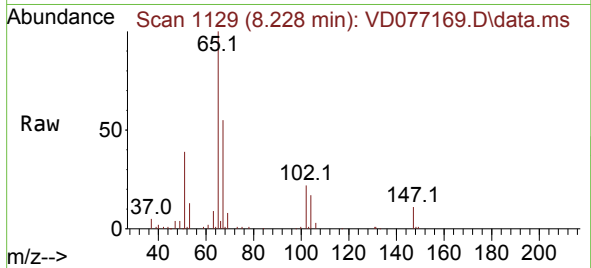




#33
 1,2-Dichloroethane-d4
 Concen: 49.537 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD077169.D
 Acq: 20 Sep 2023 16:15

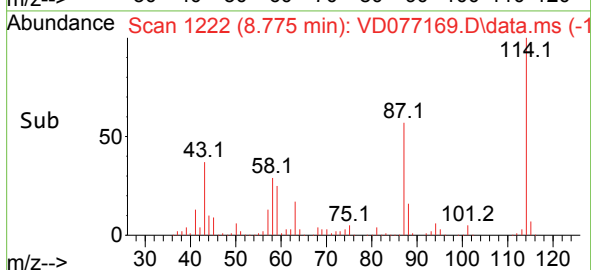
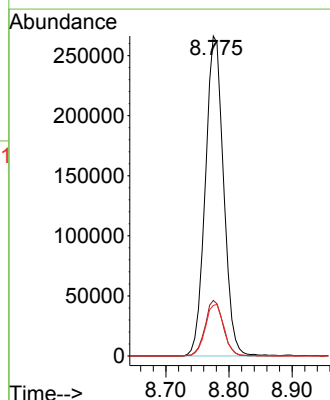
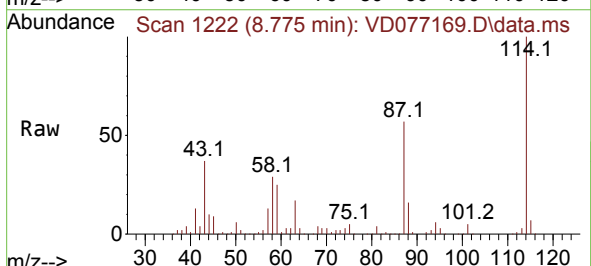
Instrument :
 MSVOA_D
 ClientSampleId :

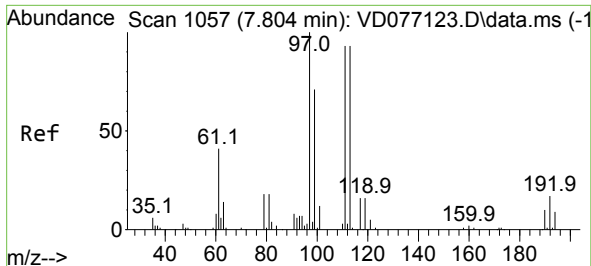
Tgt Ion: 65 Resp: 112630
 Ion Ratio Lower Upper
 65 100
 67 56.1 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD077169.D
 Acq: 20 Sep 2023 16:15

Tgt Ion: 114 Resp: 535076
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.4
 88 15.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 41.324 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

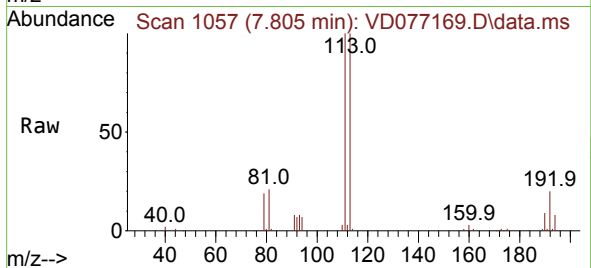
Lab File: VD077169.D

Acq: 20 Sep 2023 16:15

Instrument :

MSVOA_D

ClientSampleId :



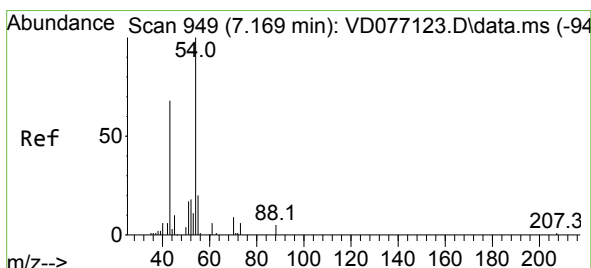
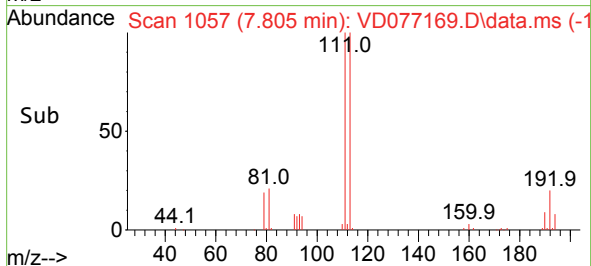
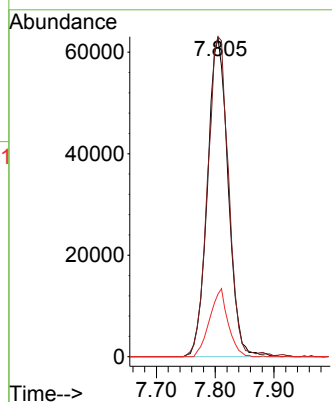
Tgt Ion:113 Resp: 153585

Ion Ratio Lower Upper

113 100

111 101.3 84.7 127.1

192 19.0 16.8 25.2



#37

Ethyl Acetate

Concen: 3.816 ug/l

RT: 7.081 min Scan# 934

Delta R.T. -0.088 min

Lab File: VD077169.D

Acq: 20 Sep 2023 16:15

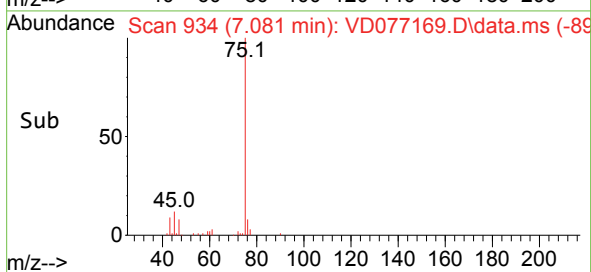
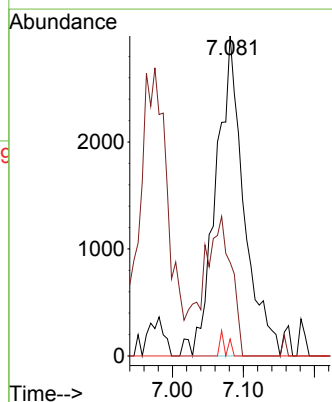
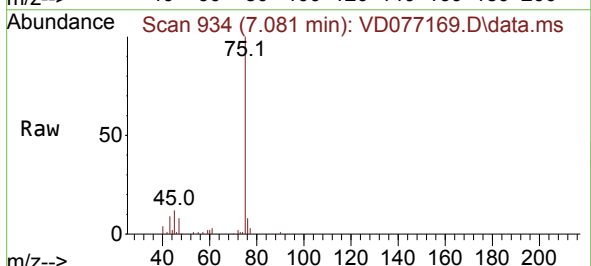
Tgt Ion: 43 Resp: 8194

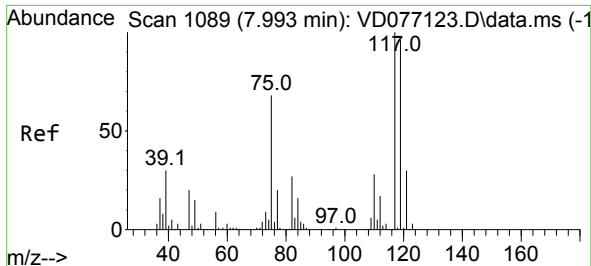
Ion Ratio Lower Upper

43 100

61 42.2 14.9 22.3#

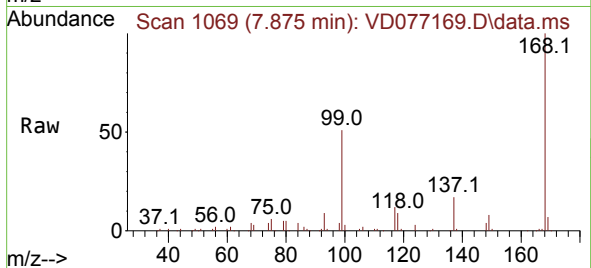
70 1.7 10.0 15.0#



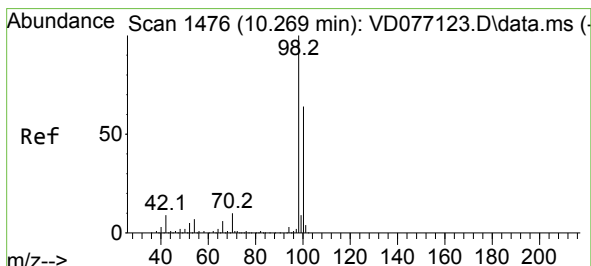
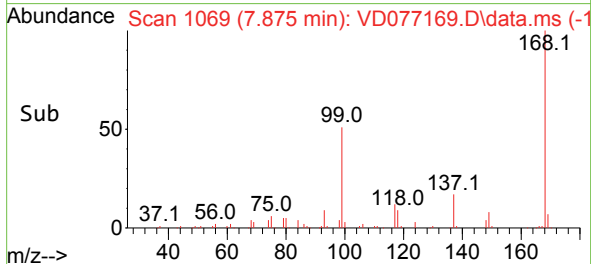
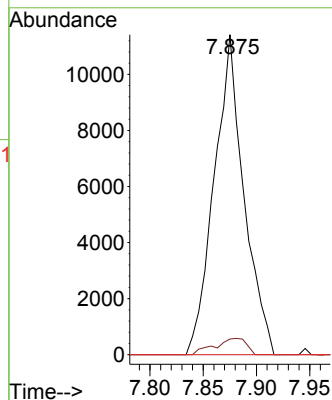


#38
Carbon Tetrachloride
Concen: 4.022 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.117 min
Lab File: VD077169.D
Acq: 20 Sep 2023 16:15

Instrument :
MSVOA_D
ClientSampleId :

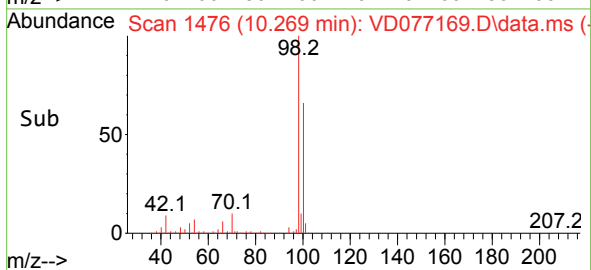
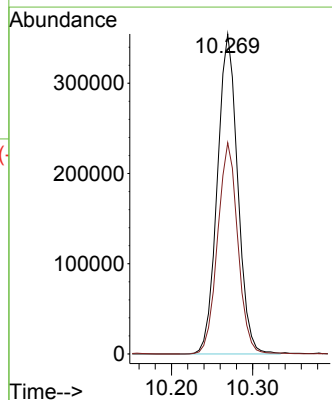
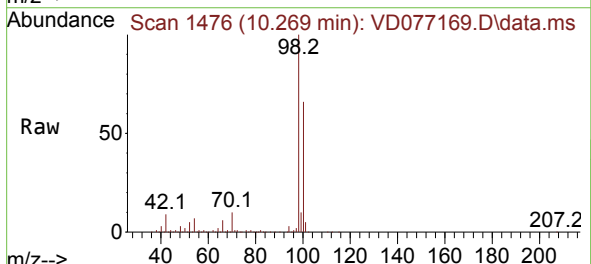


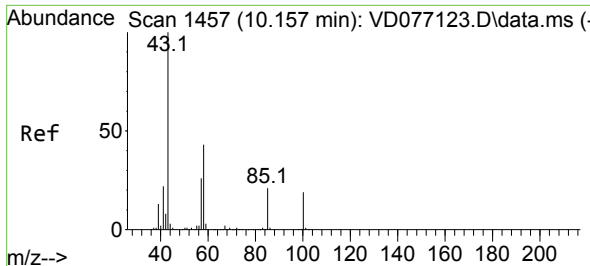
Tgt Ion:117 Resp: 22127
Ion Ratio Lower Upper
117 100
119 4.9 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.717 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077169.D
Acq: 20 Sep 2023 16:15

Tgt Ion: 98 Resp: 618015
Ion Ratio Lower Upper
98 100
100 65.6 50.3 75.5

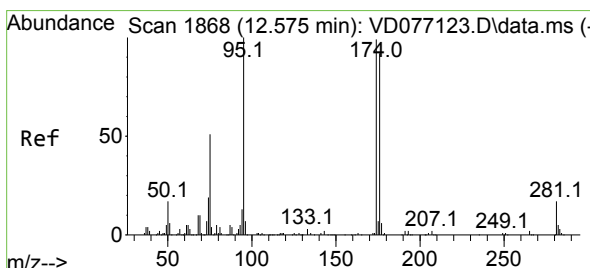
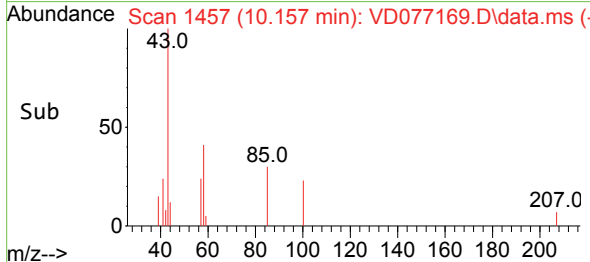
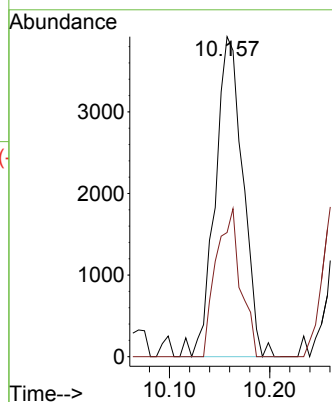
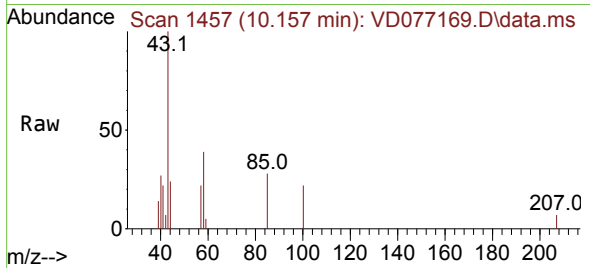




#51
4-Methyl-2-Pentanone
Concen: 3.651 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077169.D
Acq: 20 Sep 2023 16:15

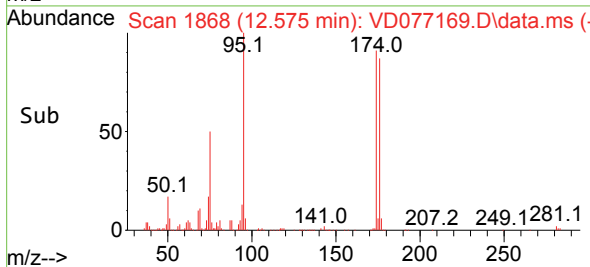
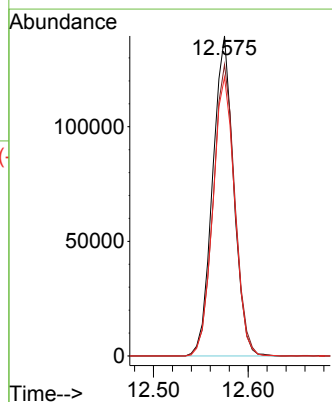
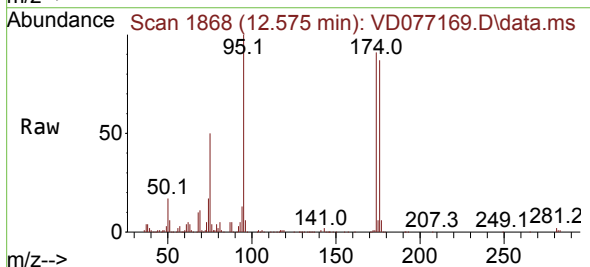
Instrument :
MSVOA_D
ClientSampleId :

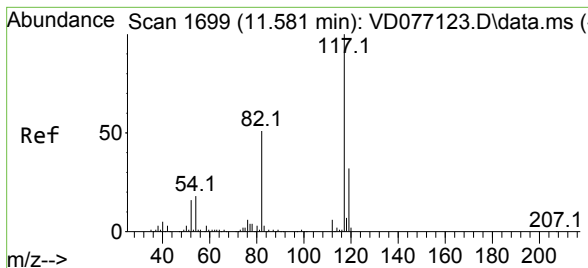
Tgt Ion: 43 Resp: 7549
Ion Ratio Lower Upper
43 100
58 40.9 38.9 58.3



#62
4-Bromofluorobenzene
Concen: 52.537 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077169.D
Acq: 20 Sep 2023 16:15

Tgt Ion: 95 Resp: 215415
Ion Ratio Lower Upper
95 100
174 93.8 0.0 201.8
176 90.3 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

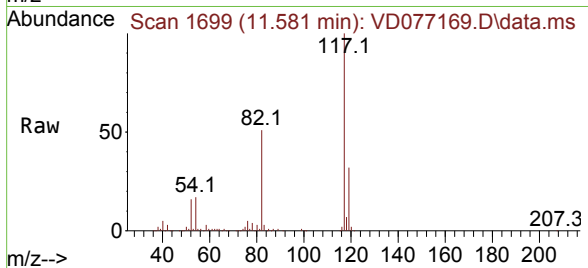
Lab File: VD077169.D

Acq: 20 Sep 2023 16:15

Instrument :

MSVOA_D

ClientSampleId :



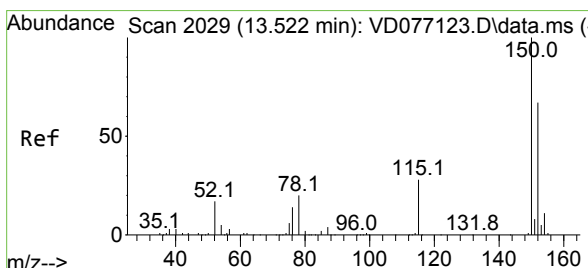
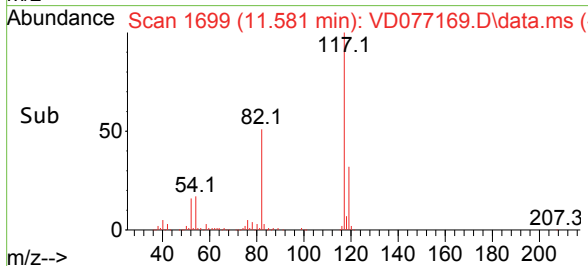
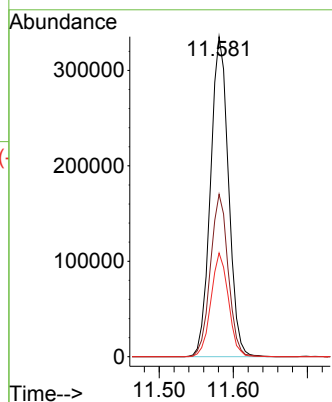
Tgt Ion:117 Resp: 564539

Ion Ratio Lower Upper

117 100

82 50.8 38.3 57.5

119 32.4 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD077169.D

Acq: 20 Sep 2023 16:15

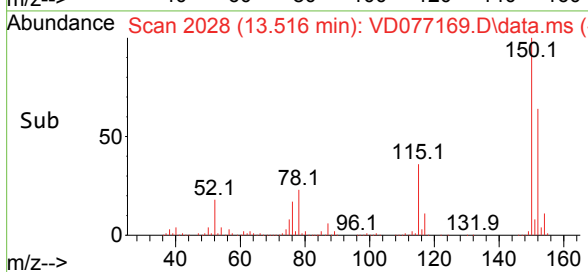
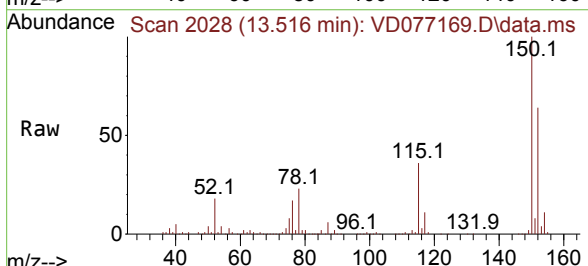
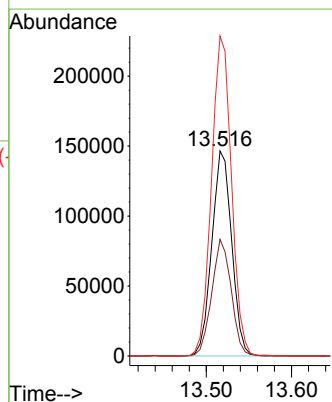
Tgt Ion:152 Resp: 237376

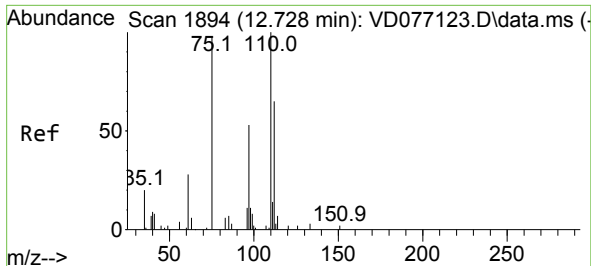
Ion Ratio Lower Upper

152 100

115 55.6 27.1 81.3

150 156.9 0.0 353.6

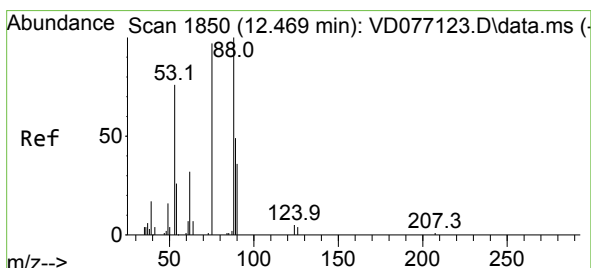
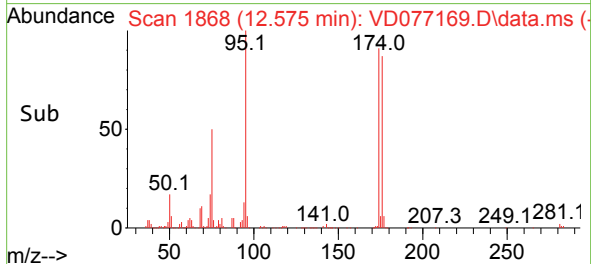
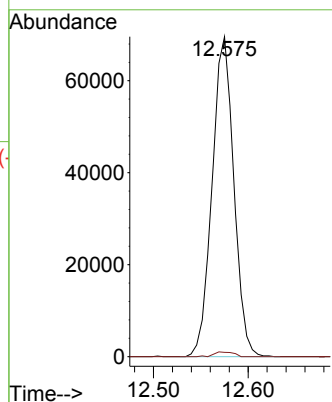
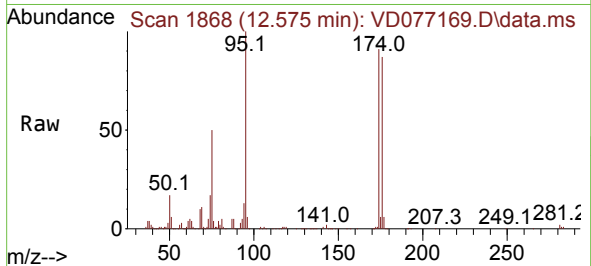




#76
1,2,3-Trichloropropane
Concen: 58.636 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD077169.D
Acq: 20 Sep 2023 16:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 111027
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.987 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077169.D
Acq: 20 Sep 2023 16:15

Tgt Ion: 75 Resp: 111027
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.1 37.9 56.9#

