

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102623\
 Data File : VD077427.D
 Acq On : 26 Oct 2023 12:02
 Operator : JC/SY
 Sample : VD1026SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 27 07:46:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

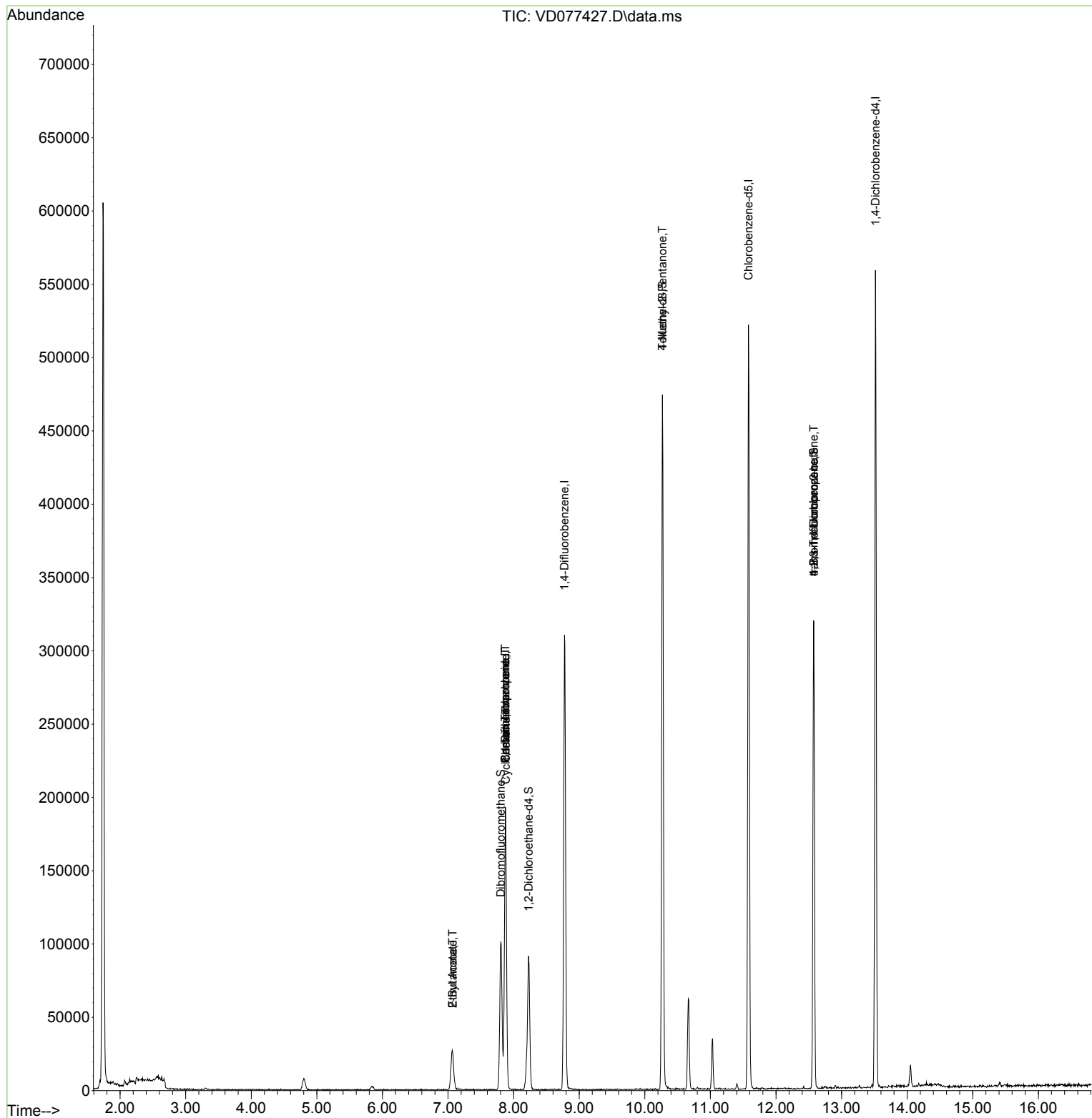
Internal Standards						
1) Pentafluorobenzene	7.875	168	144915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	305061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	321886	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	152160	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	65956	50.970	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.940%	
35) Dibromofluoromethane	7.805	113	75535	35.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 70.480%	
50) Toluene-d8	10.269	98	350909	45.718	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 91.440%	
62) 4-Bromofluorobenzene	12.575	95	97592	44.171	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 88.340%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.805	84	7427	Below Cal	#	87
25) 2-Butanone	7.069	43	935	3.176	ug/l #	37
31) Cyclohexane	7.881	56	2697	1.340	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	10739	3.813	ug/l #	47
37) Ethyl Acetate	7.069	43	935	1.057	ug/l #	23
38) Carbon Tetrachloride	7.875	117	14767	4.714	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	1023	1.281	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	48685	25.016	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	48685	85.734	ug/l #	17

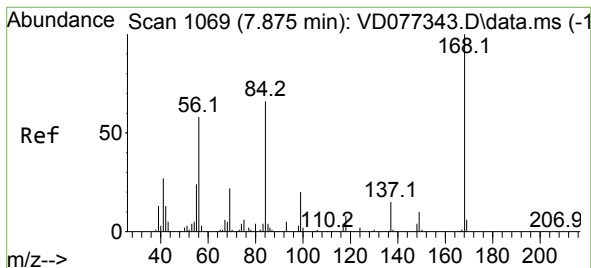
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 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: VD077427.D

Acq: 26 Oct 2023 12:02

Instrument :

MSVOA_D

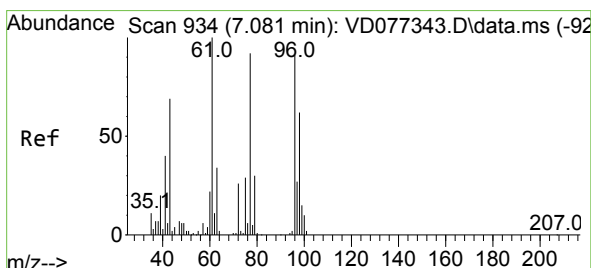
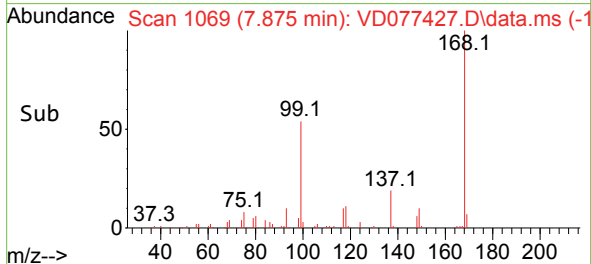
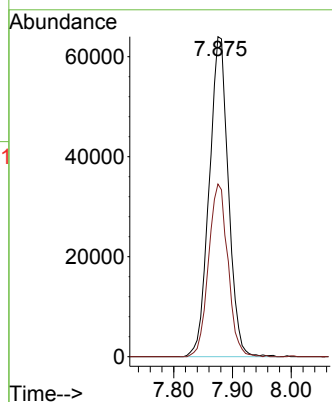
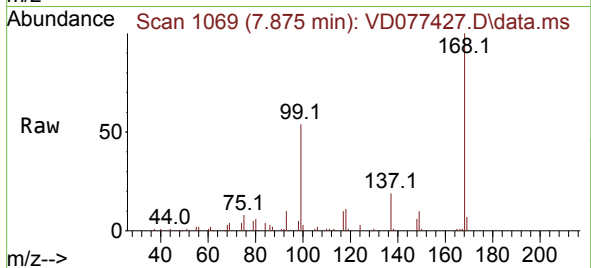
ClientSampleId :

Tgt Ion:168 Resp: 144915

Ion Ratio Lower Upper

168 100

99 54.0 36.7 55.1



#25

2-Butanone

Concen: 3.176 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.012 min

Lab File: VD077427.D

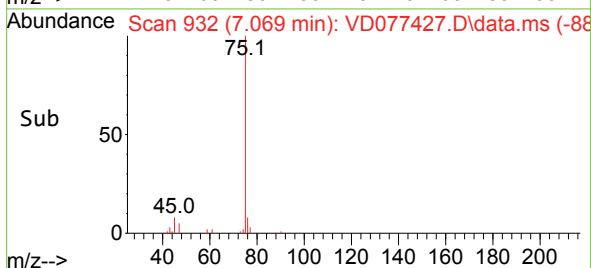
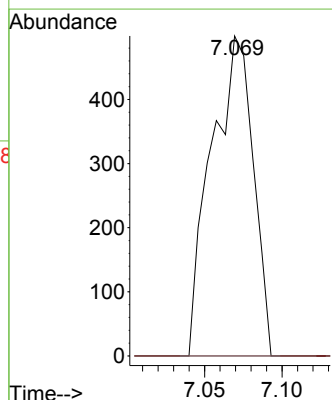
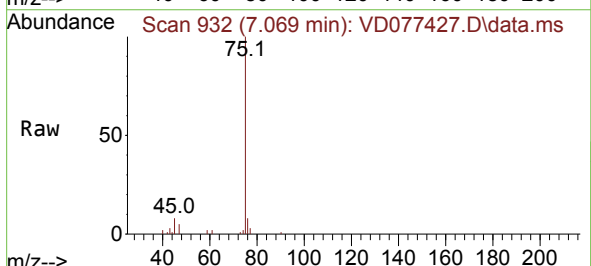
Acq: 26 Oct 2023 12:02

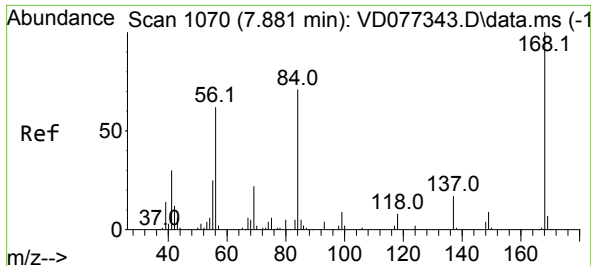
Tgt Ion: 43 Resp: 935

Ion Ratio Lower Upper

43 100

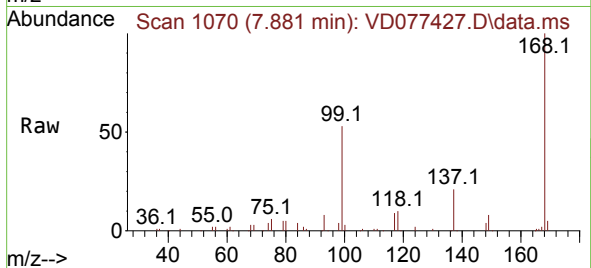
72 0.0 30.7 46.1#



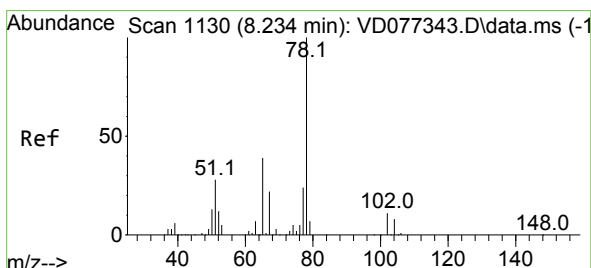
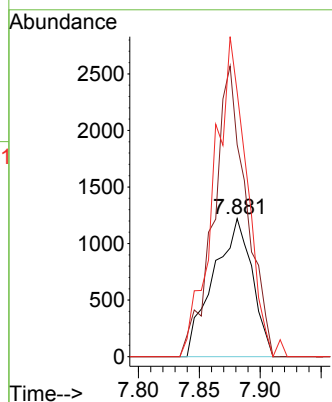
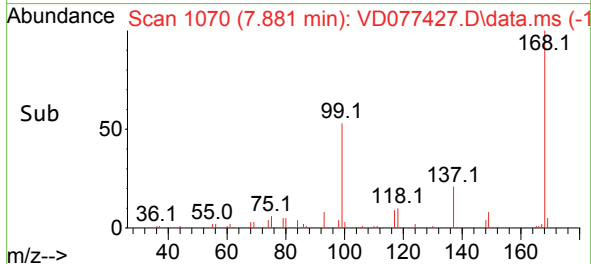


#31
Cyclohexane
Concen: 1.340 ug/l
RT: 7.881 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077427.D
Acq: 26 Oct 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :

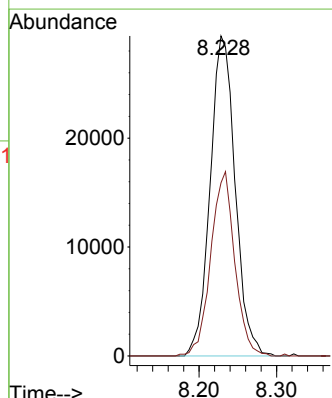
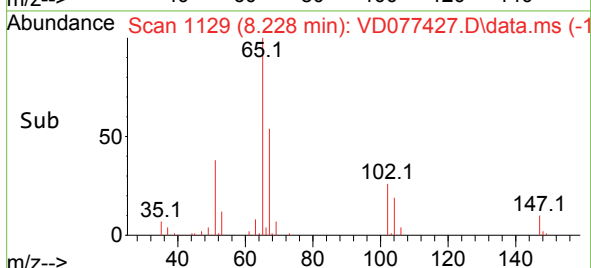
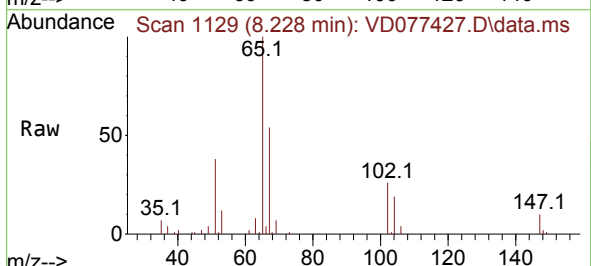


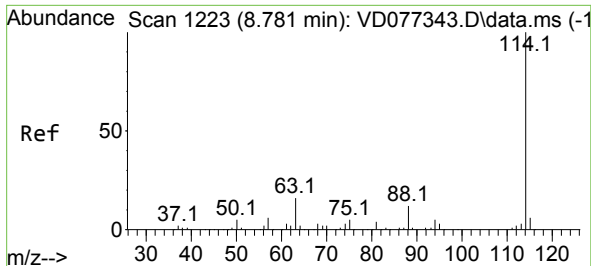
Tgt Ion: 56 Resp: 2697
Ion Ratio Lower Upper
56 100
69 153.6 28.6 43.0#
84 191.8 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 50.970 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077427.D
Acq: 26 Oct 2023 12:02

Tgt Ion: 65 Resp: 65956
Ion Ratio Lower Upper
65 100
67 55.2 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077427.D

Acq: 26 Oct 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :

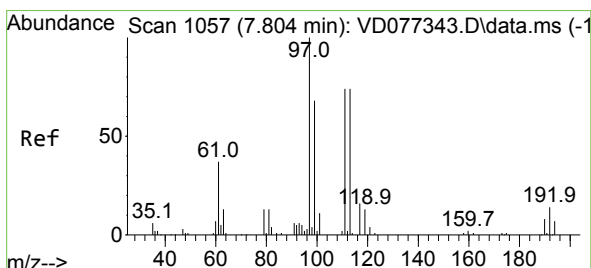
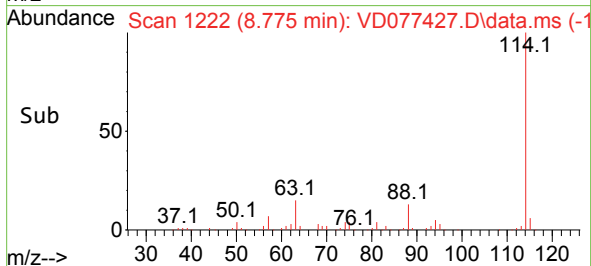
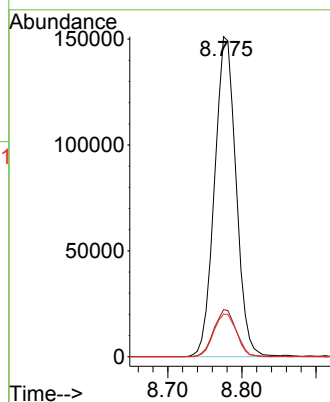
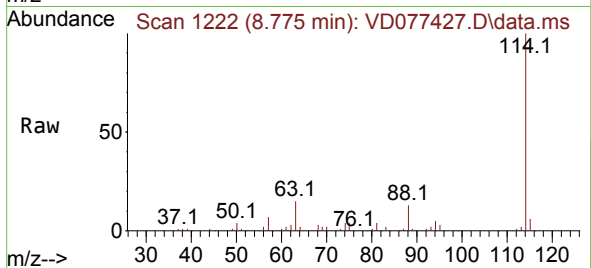
Tgt Ion:114 Resp: 305061

Ion Ratio Lower Upper

114 100

63 14.7 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 35.244 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077427.D

Acq: 26 Oct 2023 12:02

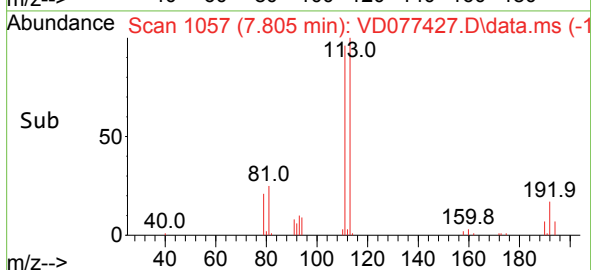
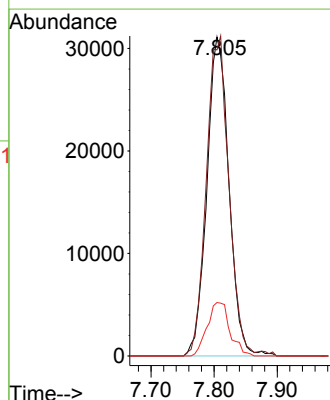
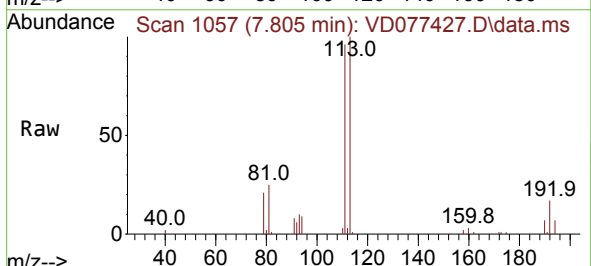
Tgt Ion:113 Resp: 75535

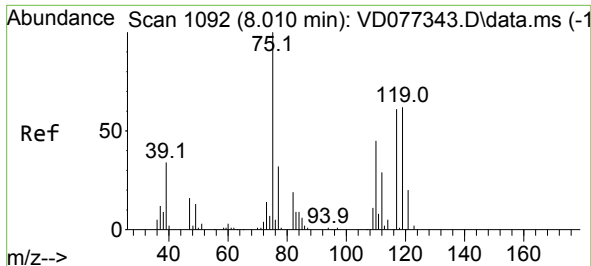
Ion Ratio Lower Upper

113 100

111 102.1 84.7 127.1

192 17.2 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.813 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

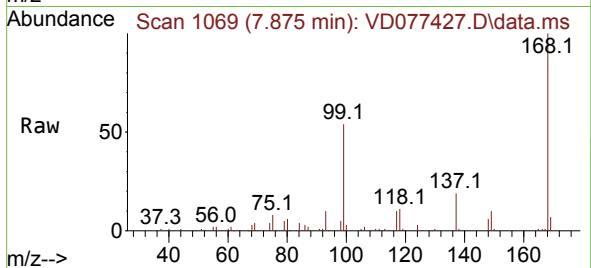
Lab File: VD077427.D

Acq: 26 Oct 2023 12:02

Instrument :

MSVOA_D

ClientSampleId :



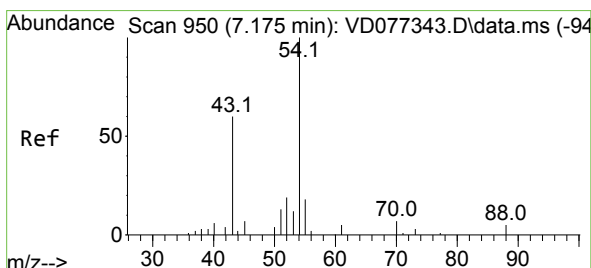
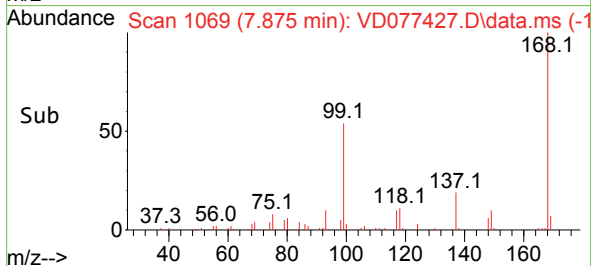
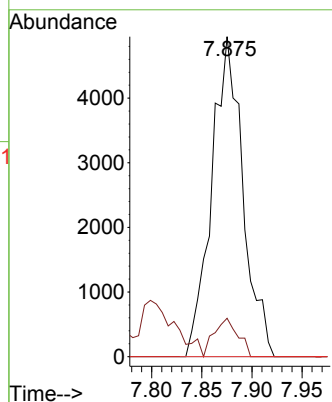
Tgt Ion: 75 Resp: 10739

Ion Ratio Lower Upper

75 100

110 9.1 19.9 59.6#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.057 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.106 min

Lab File: VD077427.D

Acq: 26 Oct 2023 12:02

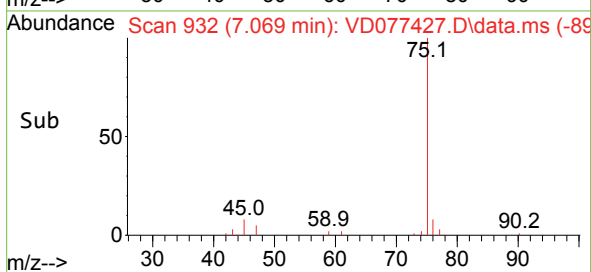
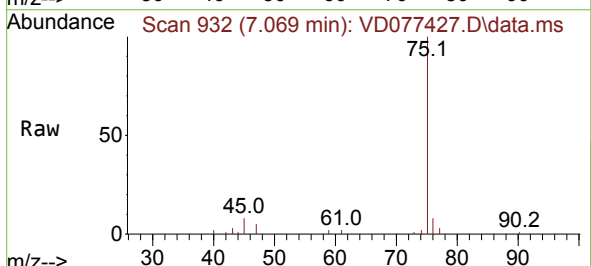
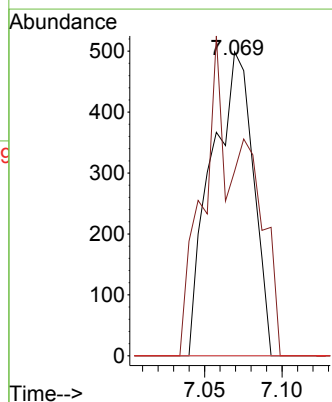
Tgt Ion: 43 Resp: 935

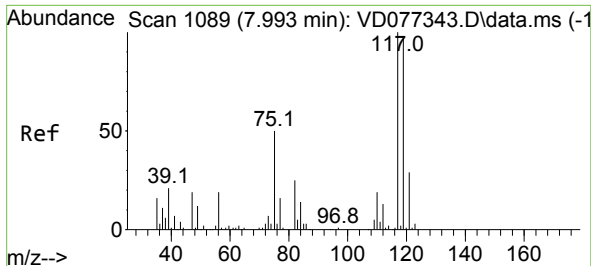
Ion Ratio Lower Upper

43 100

61 66.3 14.9 22.3#

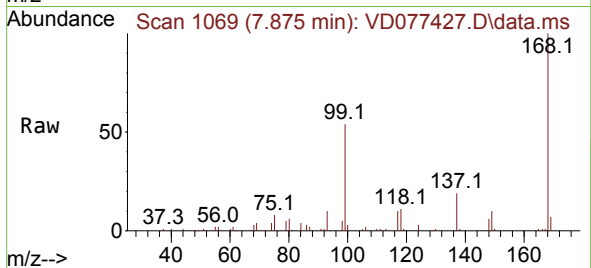
70 0.0 10.0 15.0#



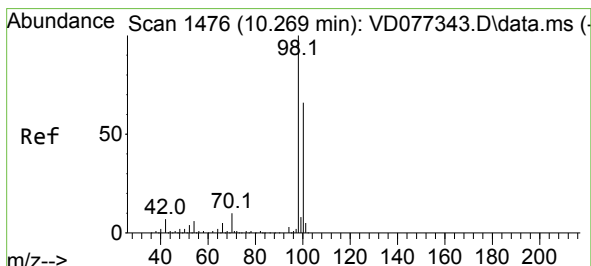
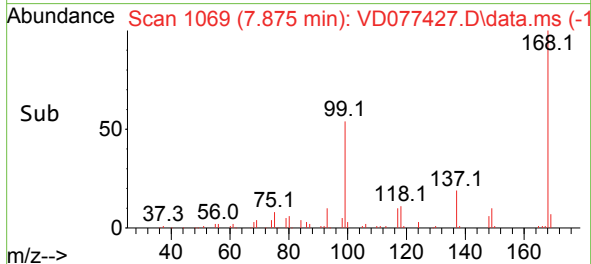
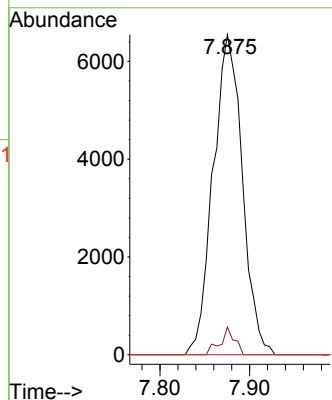


#38
Carbon Tetrachloride
Concen: 4.714 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD077427.D
Acq: 26 Oct 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :

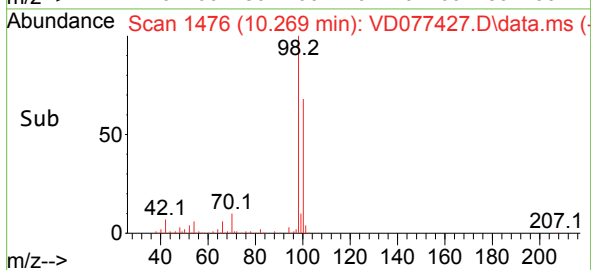
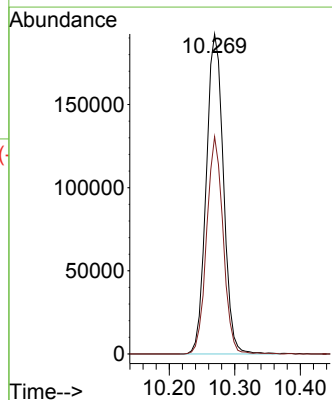
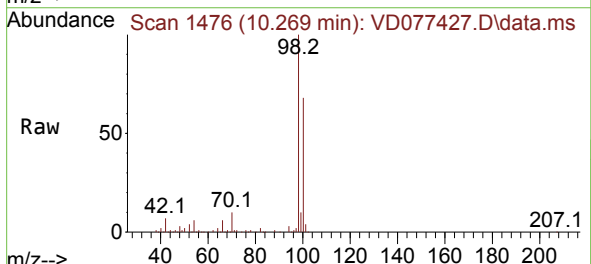


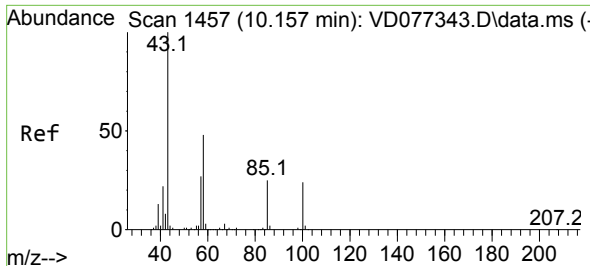
Tgt Ion:117 Resp: 14767
Ion Ratio Lower Upper
117 100
119 8.6 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 45.718 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077427.D
Acq: 26 Oct 2023 12:02

Tgt Ion: 98 Resp: 350909
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5

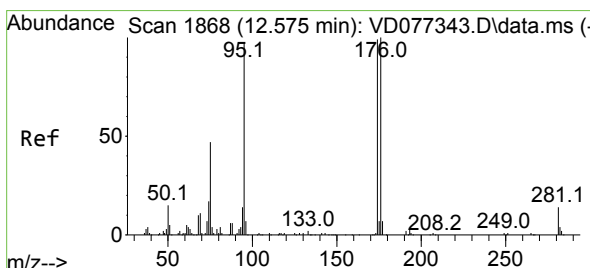
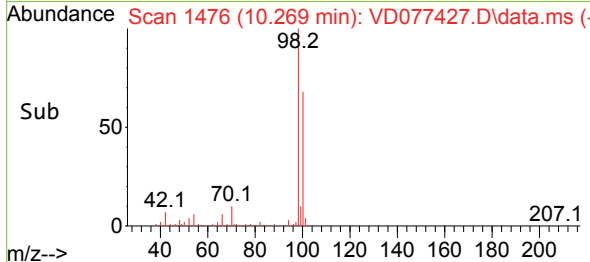
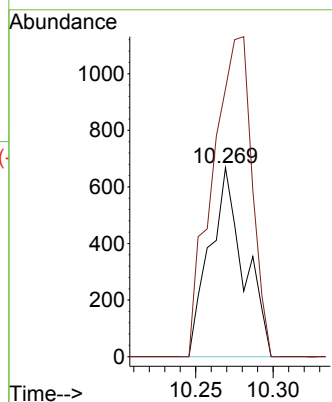
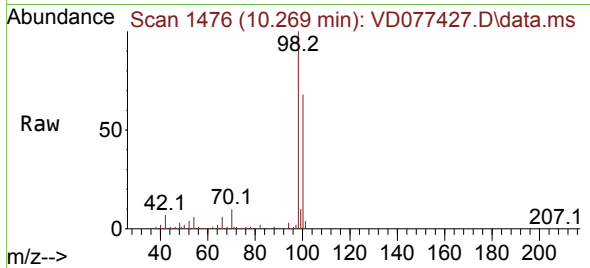




#51
4-Methyl-2-Pentanone
Concen: 1.281 ug/l
RT: 10.269 min Scan# 1457
Delta R.T. 0.112 min
Lab File: VD077427.D
Acq: 26 Oct 2023 12:02

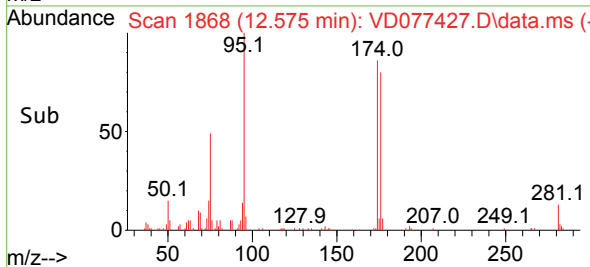
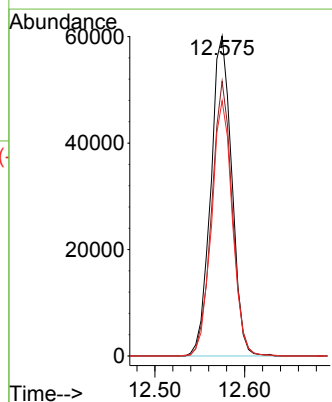
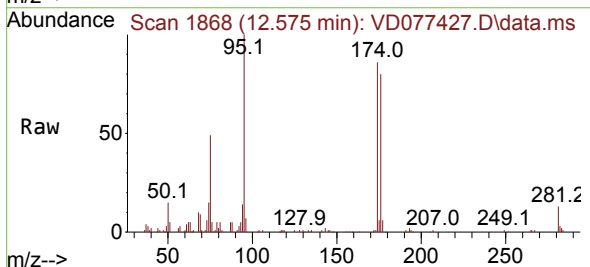
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ClientSampleId :

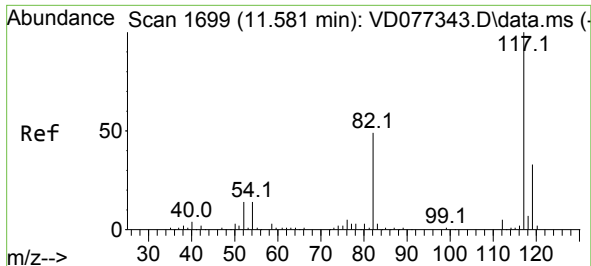
Tgt Ion: 43 Resp: 1023
Ion Ratio Lower Upper
43 100
58 195.2 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 44.171 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077427.D
Acq: 26 Oct 2023 12:02

Tgt Ion: 95 Resp: 97592
Ion Ratio Lower Upper
95 100
174 84.2 0.0 201.8
176 79.2 0.0 191.8

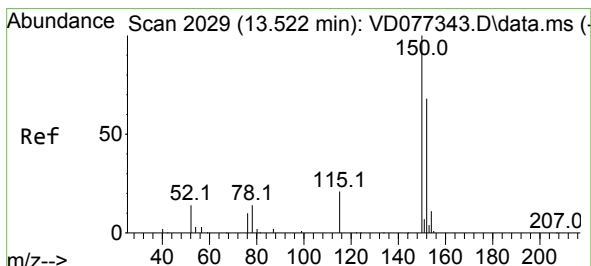
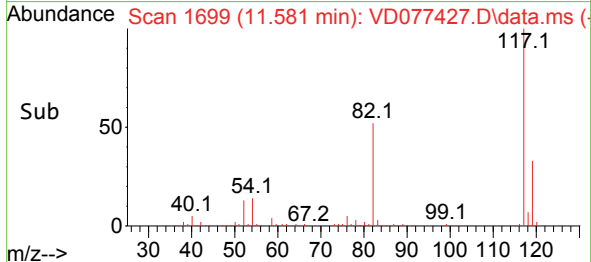
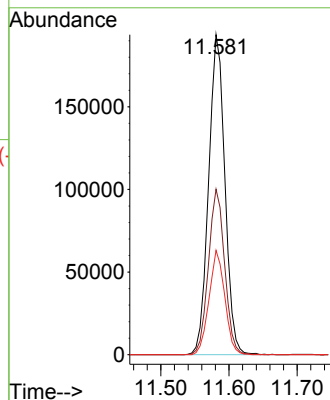
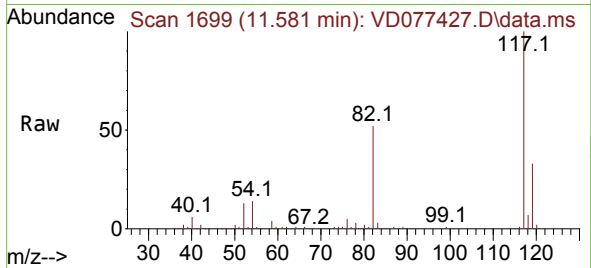




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077427.D
Acq: 26 Oct 2023 12:02

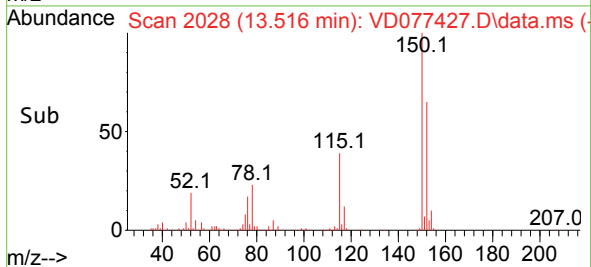
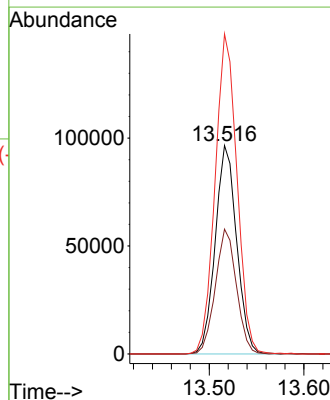
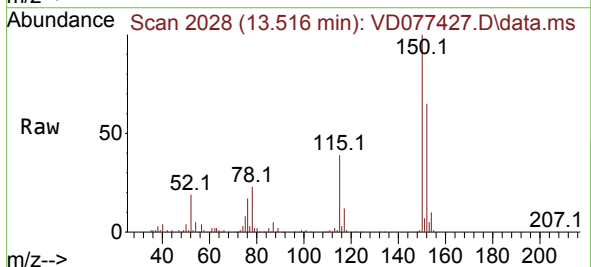
Instrument :
MSVOA_D
ClientSampleId :

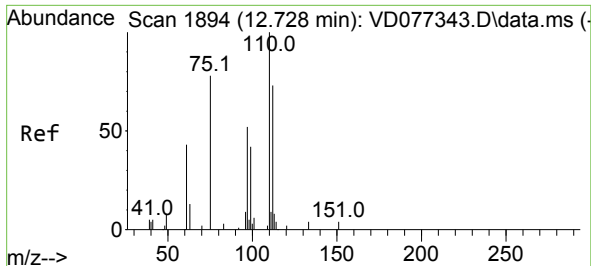
Tgt Ion:117 Resp: 321886
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 32.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077427.D
Acq: 26 Oct 2023 12:02

Tgt Ion:152 Resp: 152160
Ion Ratio Lower Upper
152 100
115 59.0 27.1 81.3
150 156.3 0.0 353.6

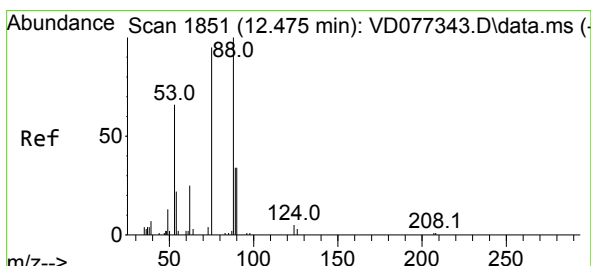
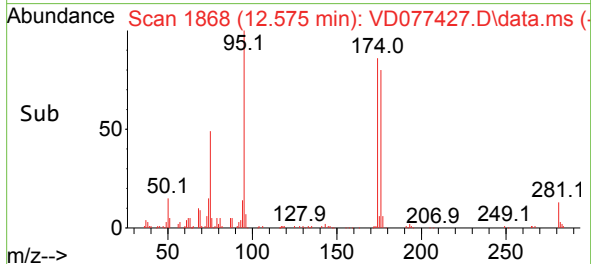
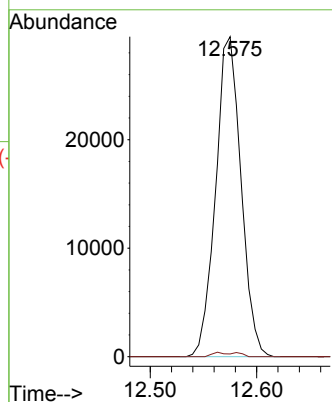
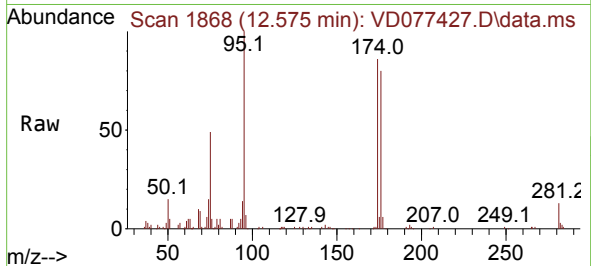




#76
1,2,3-Trichloropropane
Concen: 25.016 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD077427.D
Acq: 26 Oct 2023 12:02

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 48685
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 85.734 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD077427.D
Acq: 26 Oct 2023 12:02

Tgt Ion: 75 Resp: 48685
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

