

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102623\
 Data File : VD077433.D
 Acq On : 26 Oct 2023 18:03
 Operator : JC/SY
 Sample : 05010-03RE
 Misc : 4.73G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 27 07:49:04 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)

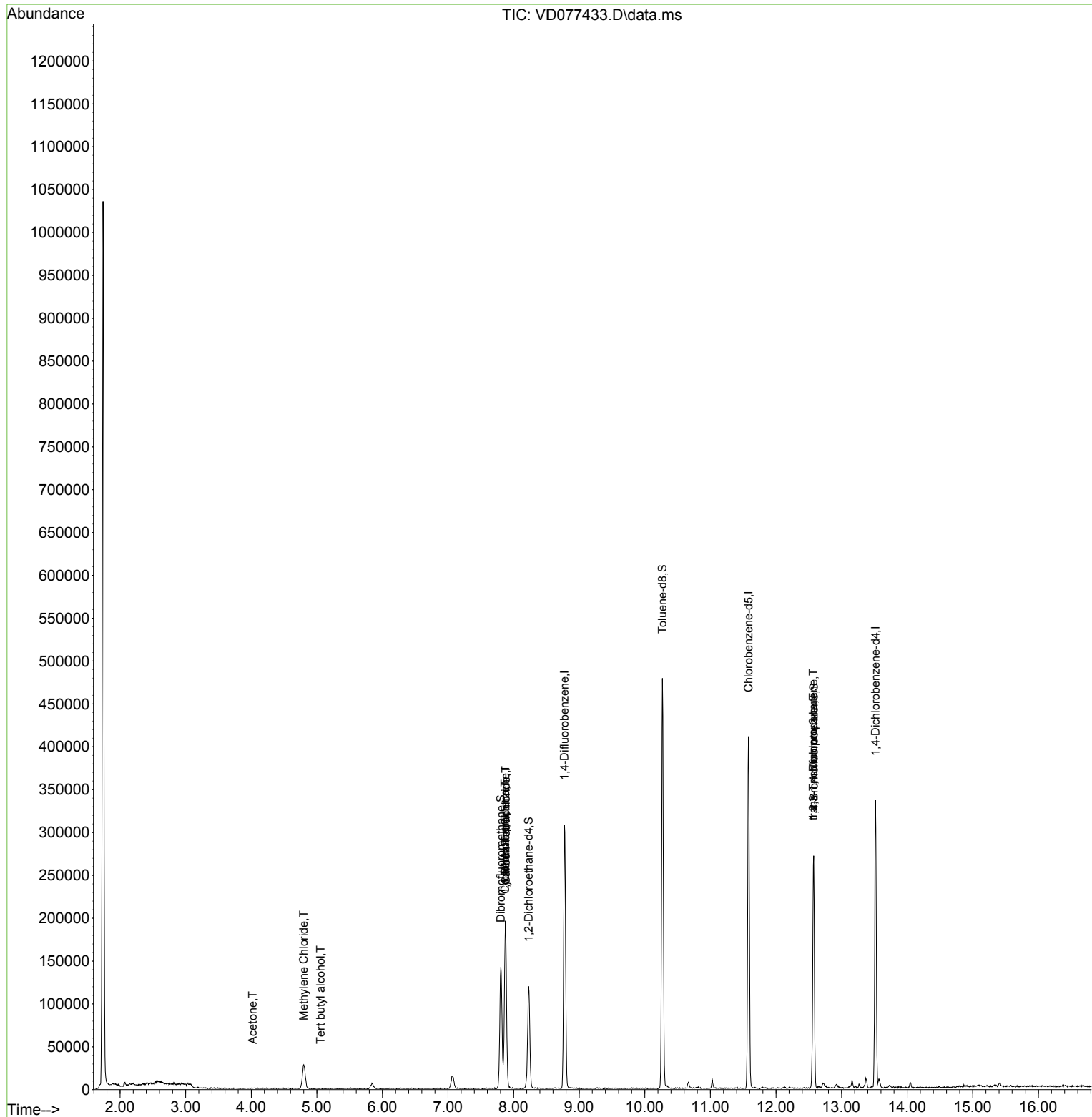
Internal Standards						
1) Pentafluorobenzene	7.875	168	157479	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	292303	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	263467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96849	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91105	64.788	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.580%	
35) Dibromofluoromethane	7.805	113	105101	51.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.360%	
50) Toluene-d8	10.269	98	347411	47.238	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.480%	
62) 4-Bromofluorobenzene	12.575	95	80366	37.962	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 75.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.058	59	144	1.820	ug/l #	73
16) Acetone	4.022	43	440	1.427	ug/l #	32
20) Methylene Chloride	4.799	84	23489	8.639	ug/l	95
31) Cyclohexane	7.869	56	2788	1.274	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	11834	4.386	ug/l #	44
38) Carbon Tetrachloride	7.881	117	15741	5.244	ug/l #	15
76) 1,2,3-Trichloropropane	12.569	75	39955	31.463	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	39955	110.544	ug/l #	17

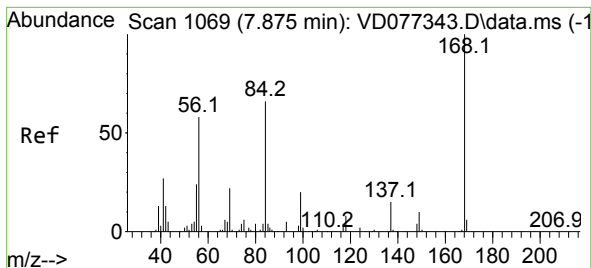
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077433.D

Acq: 26 Oct 2023 18:03

Instrument :

MSVOA_D

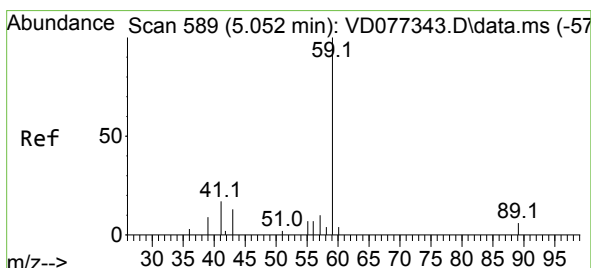
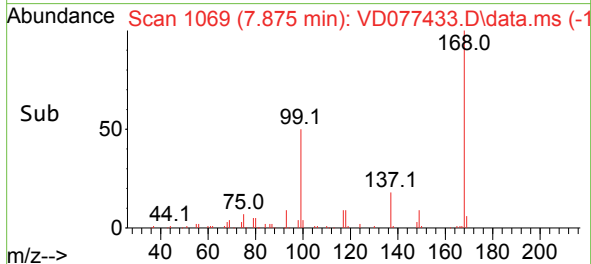
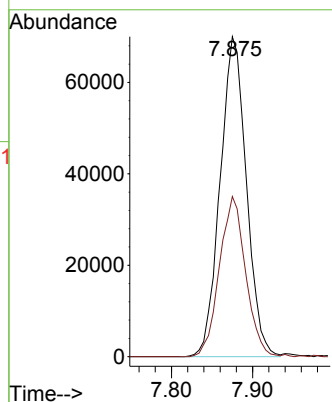
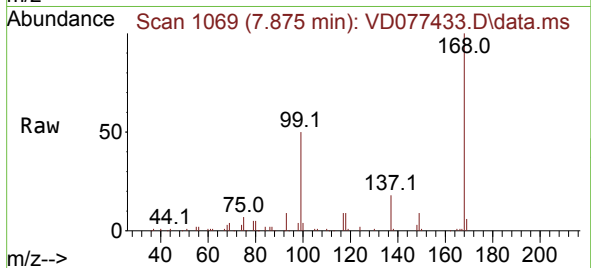
ClientSampleId :

Tgt Ion:168 Resp: 157479

Ion Ratio Lower Upper

168 100

99 50.1 36.7 55.1



#11

Tert butyl alcohol

Concen: 1.820 ug/l

RT: 5.058 min Scan# 590

Delta R.T. 0.006 min

Lab File: VD077433.D

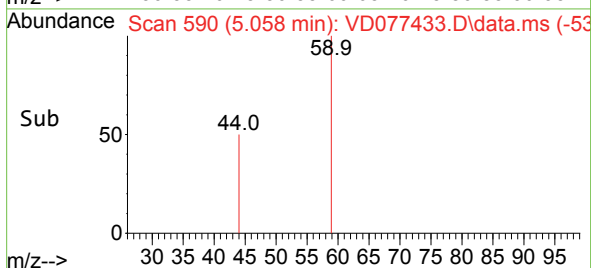
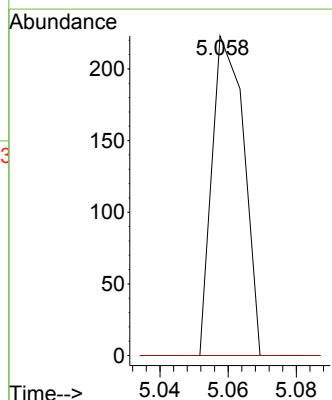
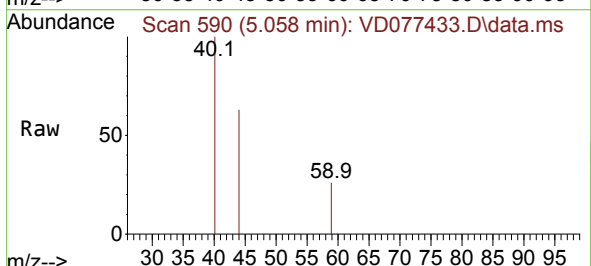
Acq: 26 Oct 2023 18:03

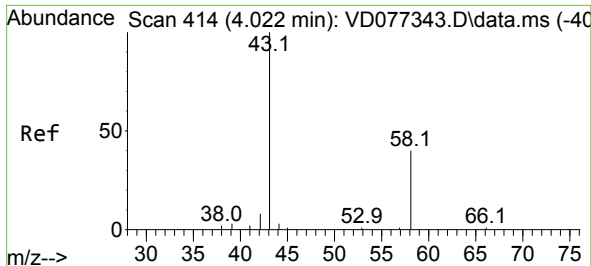
Tgt Ion: 59 Resp: 144

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#

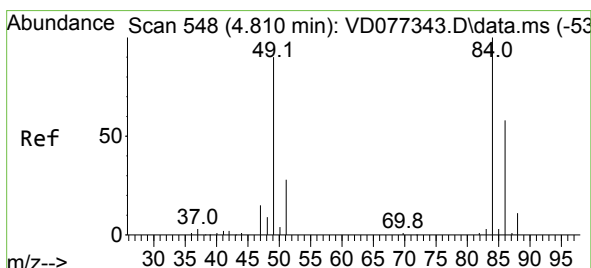
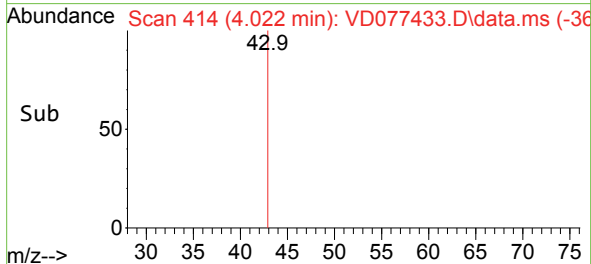
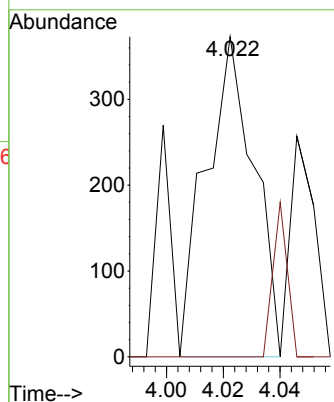
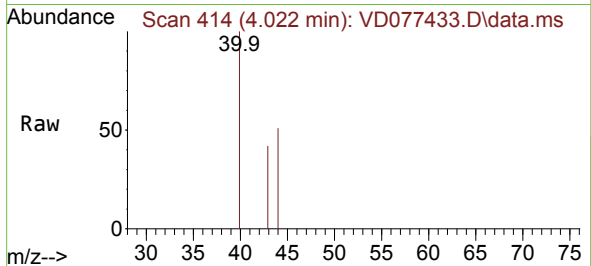




#16
Acetone
Concen: 1.427 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077433.D
Acq: 26 Oct 2023 18:03

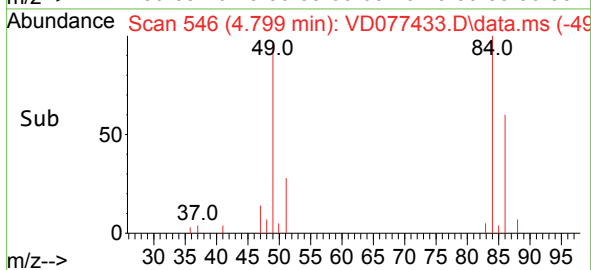
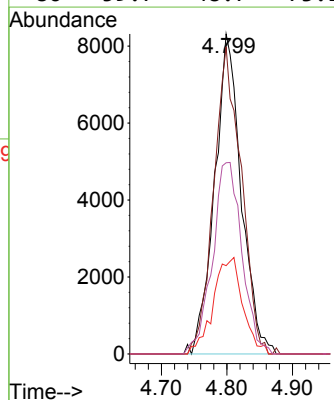
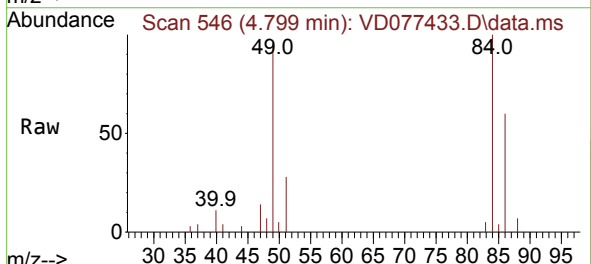
Instrument :
MSVOA_D
ClientSampleId :

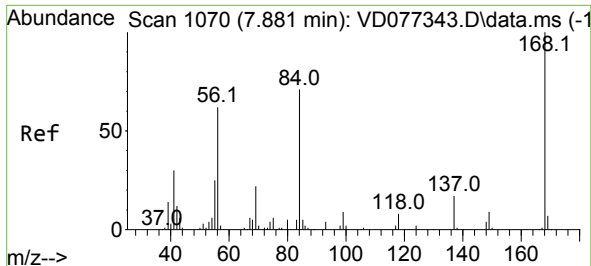
Tgt Ion: 43 Resp: 440
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#20
Methylene Chloride
Concen: 8.639 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077433.D
Acq: 26 Oct 2023 18:03

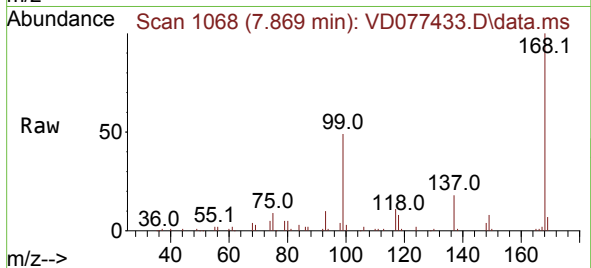
Tgt Ion: 84 Resp: 23489
Ion Ratio Lower Upper
84 100
49 96.0 71.4 107.2
51 27.6 24.5 36.7
86 59.7 48.7 73.1



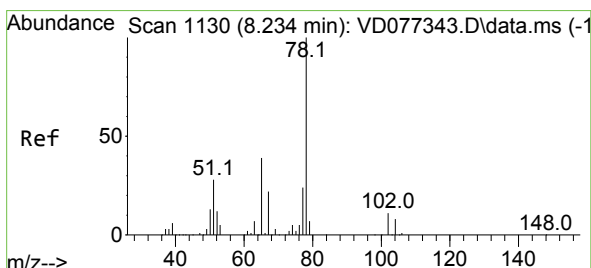
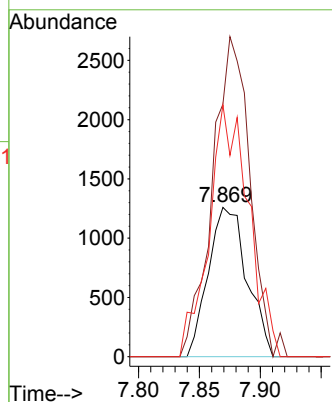
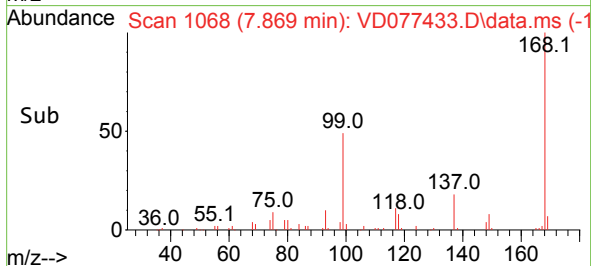


#31
Cyclohexane
Concen: 1.274 ug/l
RT: 7.869 min Scan# 1107
Delta R.T. -0.012 min
Lab File: VD077433.D
Acq: 26 Oct 2023 18:03

Instrument :
MSVOA_D
ClientSampleId :

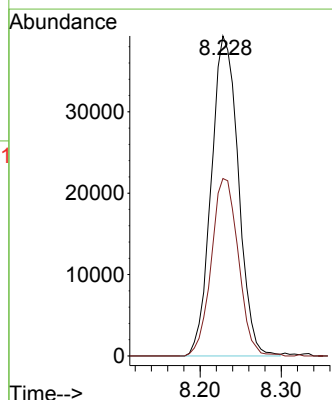
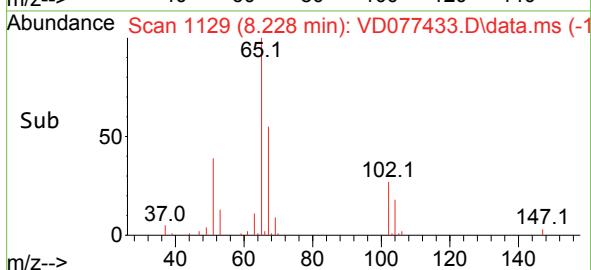
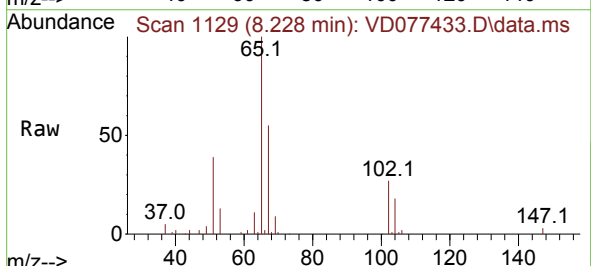


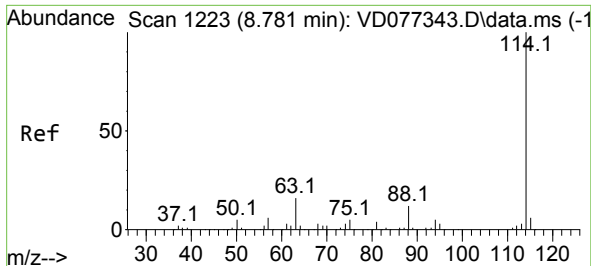
Tgt Ion: 56 Resp: 2788
Ion Ratio Lower Upper
56 100
69 169.0 28.6 43.0#
84 168.5 84.8 127.2#



#33
1,2-Dichloroethane-d4
Concen: 64.788 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077433.D
Acq: 26 Oct 2023 18:03

Tgt Ion: 65 Resp: 91105
Ion Ratio Lower Upper
65 100
67 55.4 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: VD077433.D

Acq: 26 Oct 2023 18:03

Instrument :

MSVOA_D

ClientSampleId :

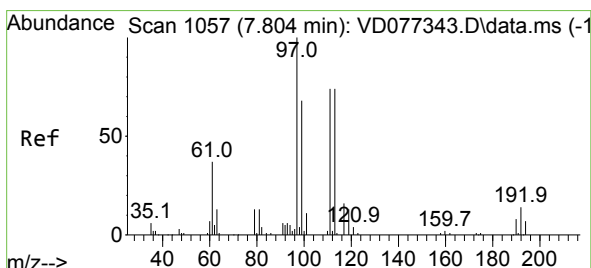
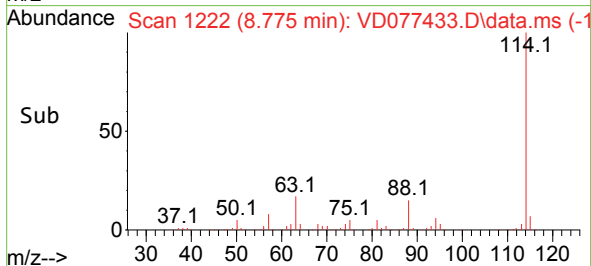
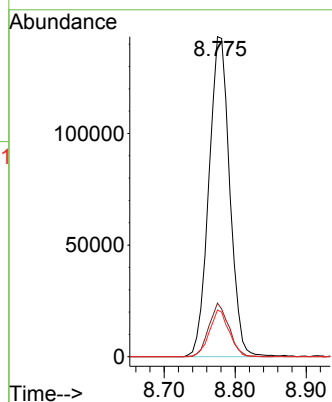
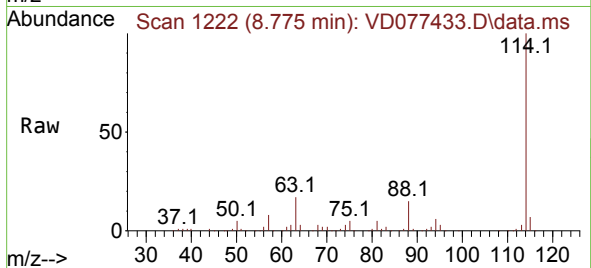
Tgt Ion:114 Resp: 292303

Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 14.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 51.180 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077433.D

Acq: 26 Oct 2023 18:03

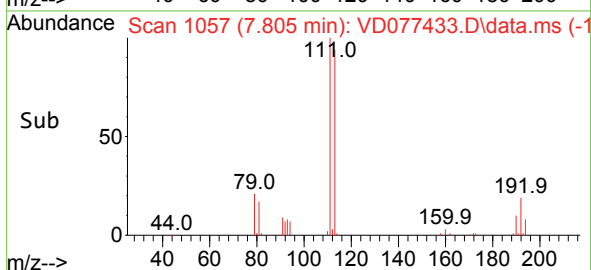
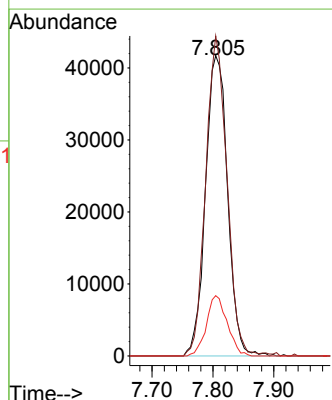
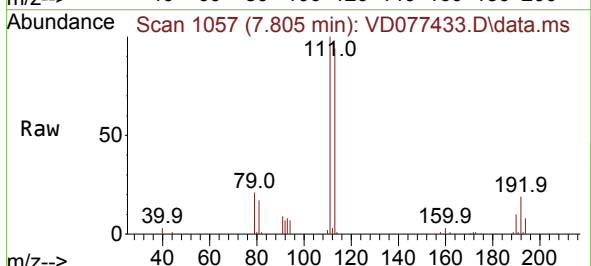
Tgt Ion:113 Resp: 105101

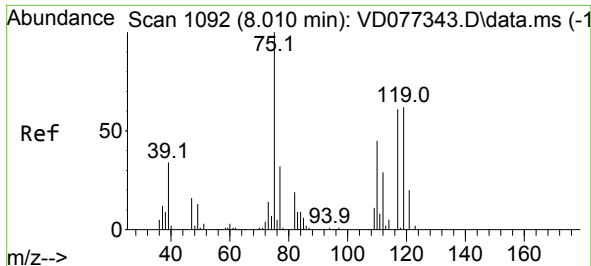
Ion Ratio Lower Upper

113 100

111 102.0 84.7 127.1

192 18.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.386 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

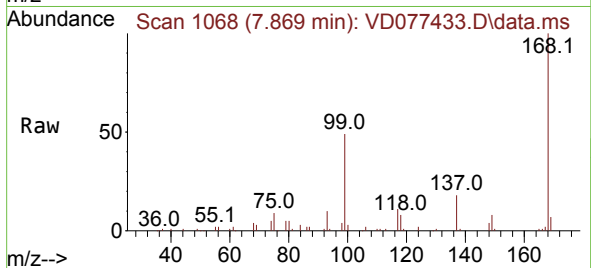
Lab File: VD077433.D

Acq: 26 Oct 2023 18:03

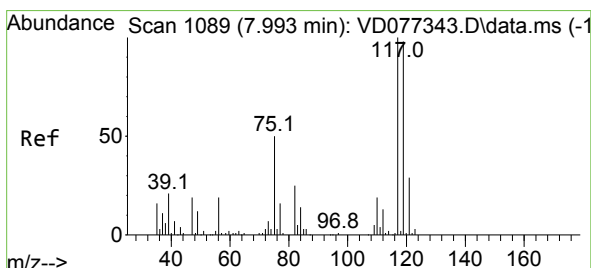
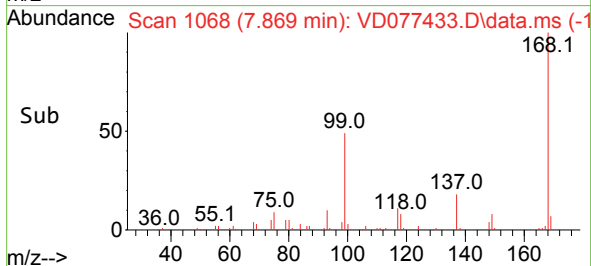
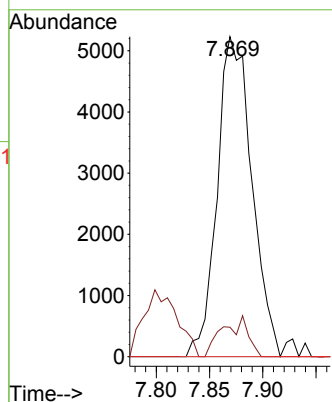
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 11834
Ion Ratio	Lower Upper
75	100
110	5.9 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.244 ug/l

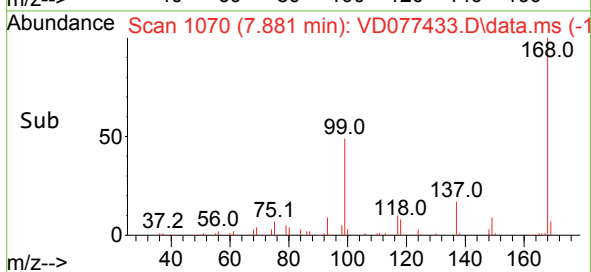
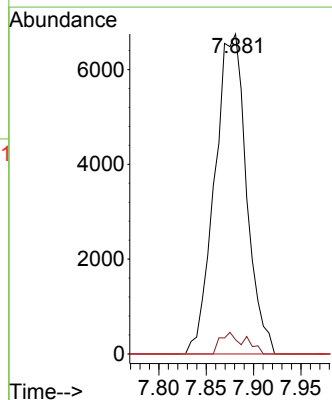
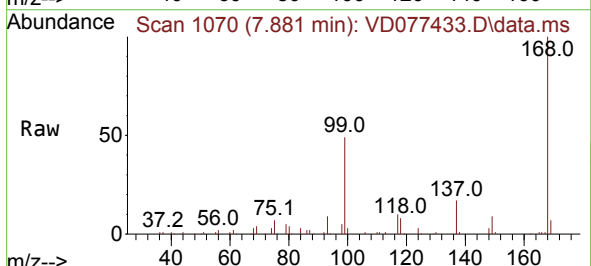
RT: 7.881 min Scan# 1070

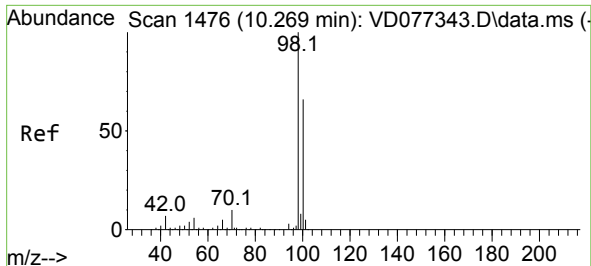
Delta R.T. -0.112 min

Lab File: VD077433.D

Acq: 26 Oct 2023 18:03

Tgt Ion: 117	Resp: 15741
Ion Ratio	Lower Upper
117	100
119	4.5 78.0 117.0#
121	0.0 24.2 36.2#

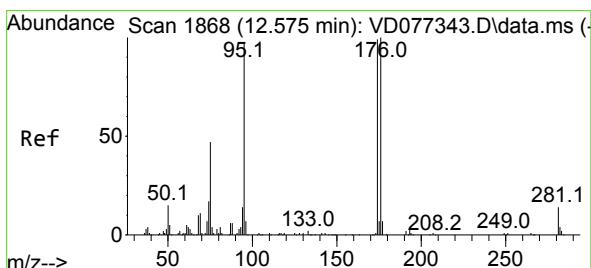
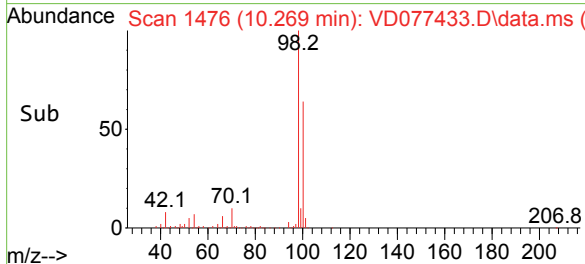
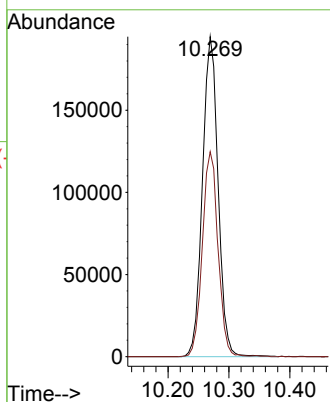
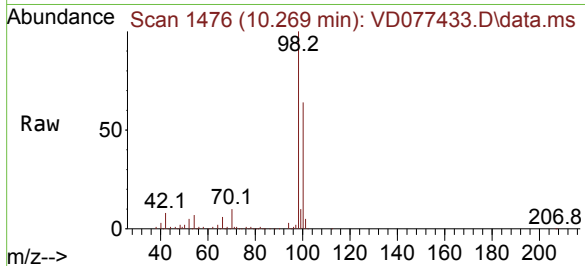




#50
Toluene-d8
Concen: 47.238 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077433.D
Acq: 26 Oct 2023 18:03

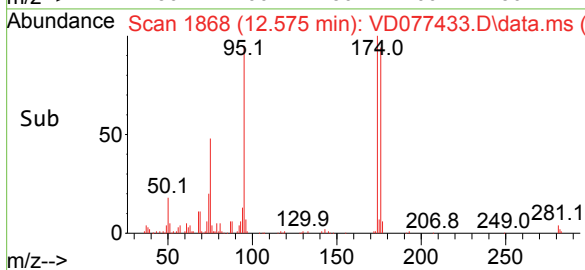
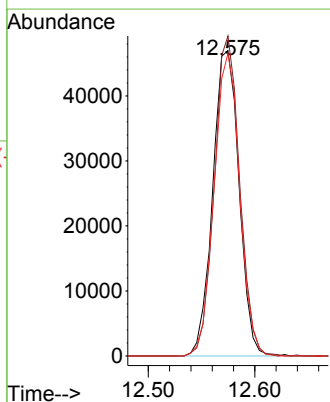
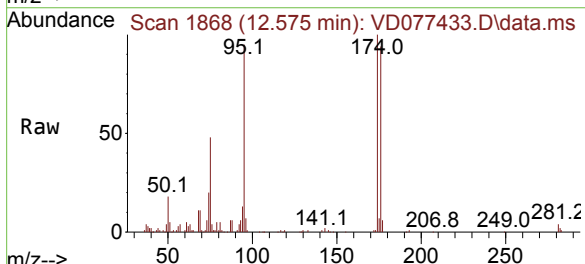
Instrument :
MSVOA_D
ClientSampleId :

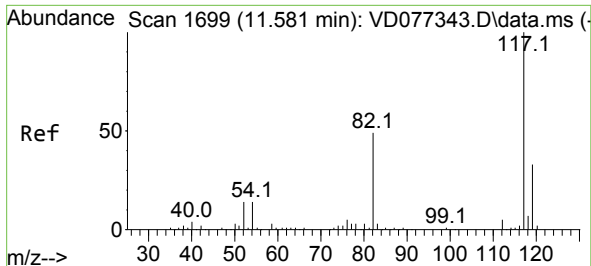
Tgt Ion: 98 Resp: 347411
Ion Ratio Lower Upper
98 100
100 64.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 37.962 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077433.D
Acq: 26 Oct 2023 18:03

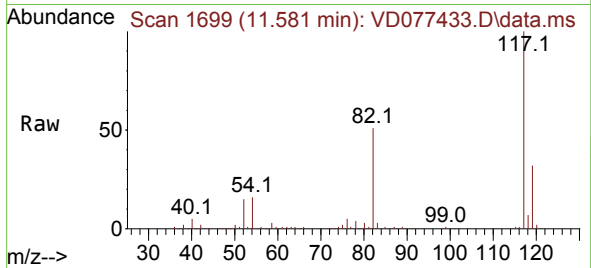
Tgt Ion: 95 Resp: 80366
Ion Ratio Lower Upper
95 100
174 100.5 0.0 201.8
176 96.5 0.0 191.8



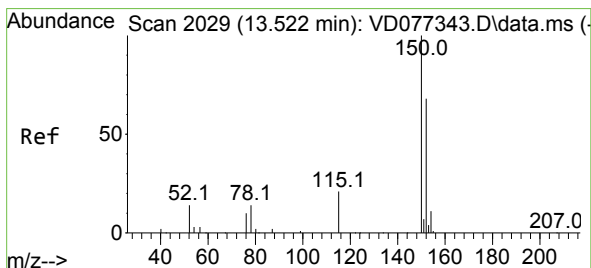
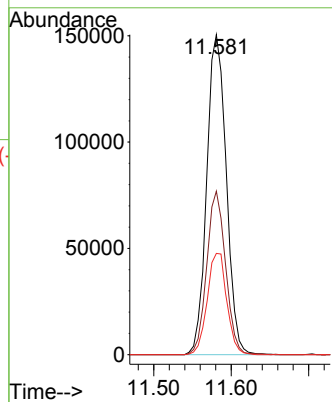
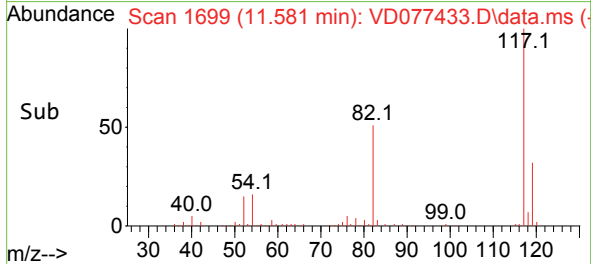


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077433.D
Acq: 26 Oct 2023 18:03

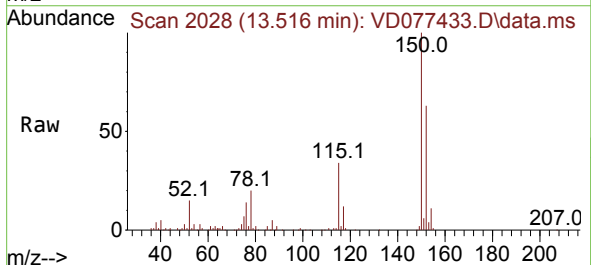
Instrument :
MSVOA_D
ClientSampleId :



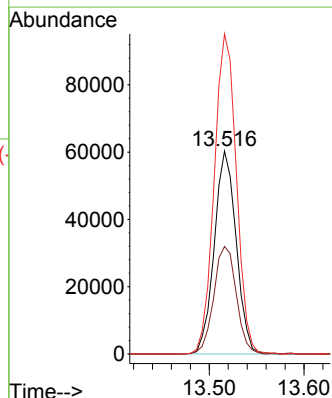
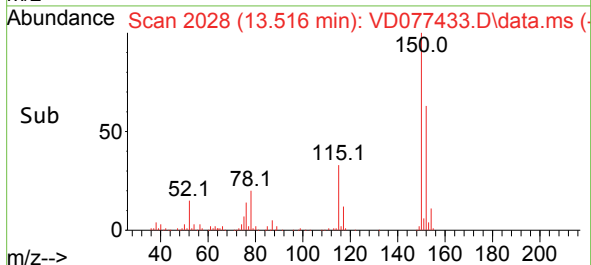
Tgt Ion:117 Resp: 263467
Ion Ratio Lower Upper
117 100
82 51.1 38.3 57.5
119 31.6 25.0 37.4

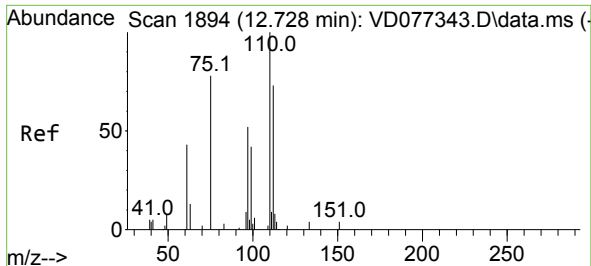


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077433.D
Acq: 26 Oct 2023 18:03



Tgt Ion:152 Resp: 96849
Ion Ratio Lower Upper
152 100
115 54.6 27.1 81.3
150 159.4 0.0 353.6

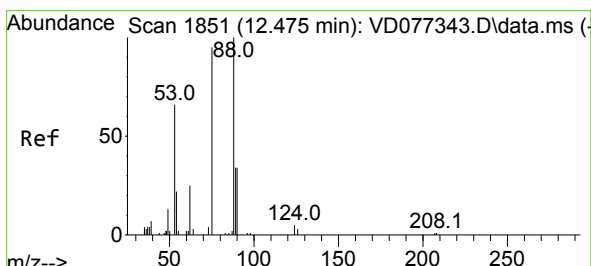
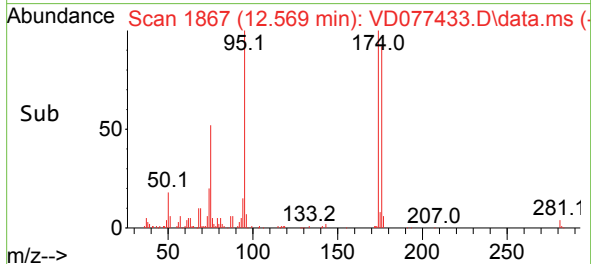
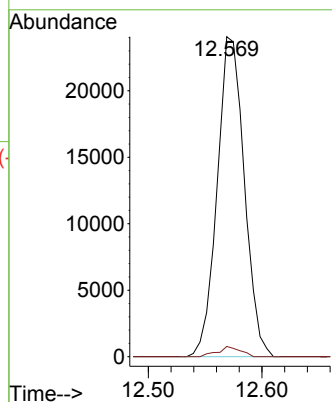
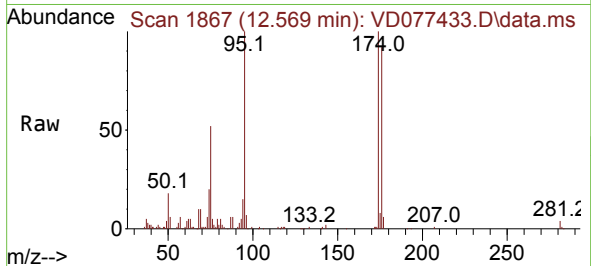




#76
1,2,3-Trichloropropane
Concen: 31.463 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.159 min
Lab File: VD077433.D
Acq: 26 Oct 2023 18:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 39955
Ion Ratio Lower Upper
75 100
77 2.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.544 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.094 min
Lab File: VD077433.D
Acq: 26 Oct 2023 18:03

Tgt Ion: 75 Resp: 39955
Ion Ratio Lower Upper
75 100
53 0.3 63.0 94.4#
89 0.0 37.9 56.9#

