

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101923\
 Data File : VD077356.D
 Acq On : 19 Oct 2023 16:18
 Operator : JC/SY
 Sample : 04879-05
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 20 02:08:37 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)

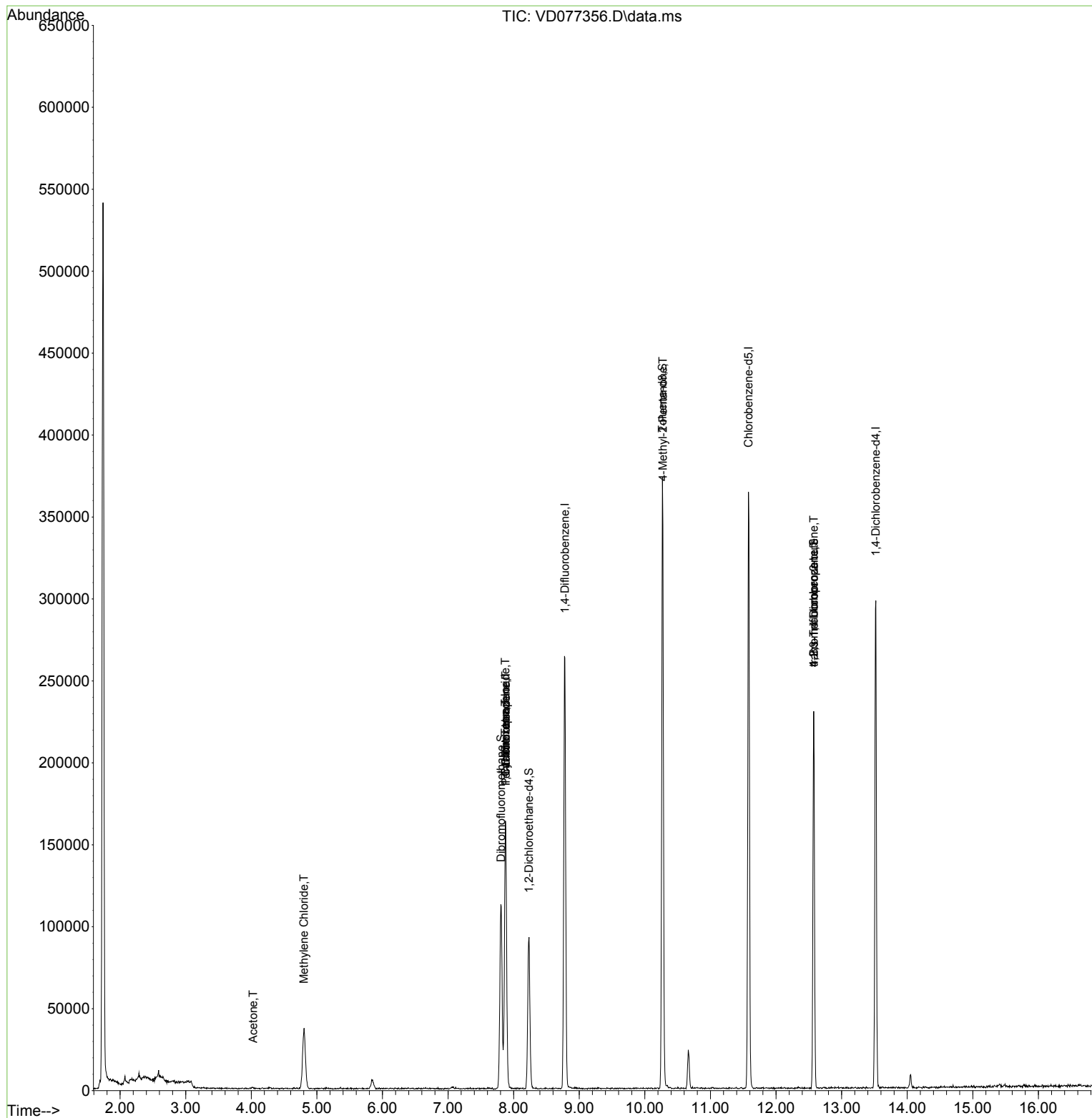
Internal Standards						
1) Pentafluorobenzene	7.881	168	127540	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	245778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	225994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	83739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	72781	63.907	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.820%	
35) Dibromofluoromethane	7.810	113	83457	48.333	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.660%	
50) Toluene-d8	10.269	98	267170	43.204	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 86.400%	
62) 4-Bromofluorobenzene	12.575	95	63404	35.619	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.240%	
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	1200	4.805	ug/l #	67
20) Methylene Chloride	4.805	84	31213	17.555	ug/l	95
31) Cyclohexane	7.875	56	2794	1.577	ug/l #	32
36) 1,1-Dichloropropene	7.881	75	10232	4.510	ug/l #	44
38) Carbon Tetrachloride	7.875	117	12666	5.018	ug/l #	15
51) 4-Methyl-2-Pentanone	10.275	43	903	1.404	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	34258	31.223	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	34258	109.621	ug/l #	17

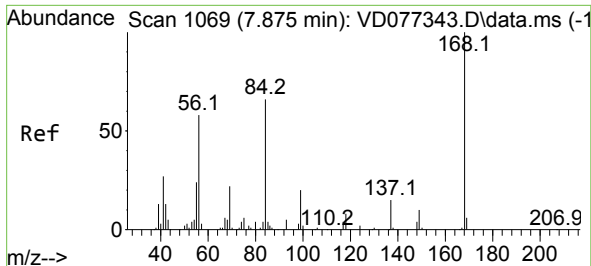
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

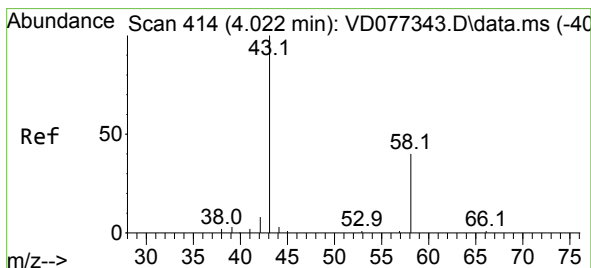
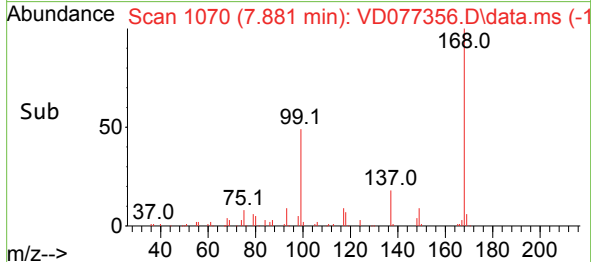
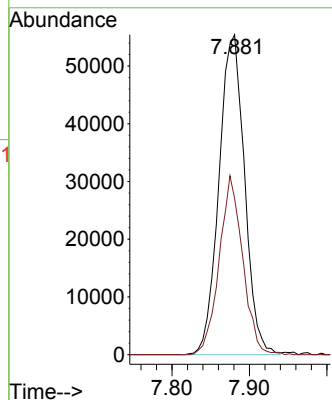
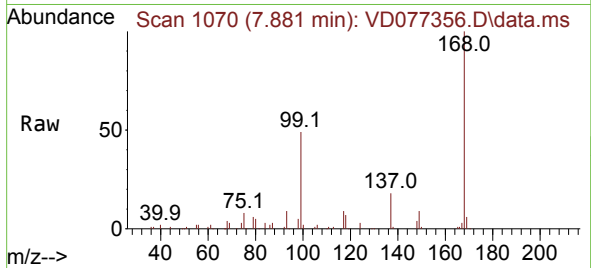




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18

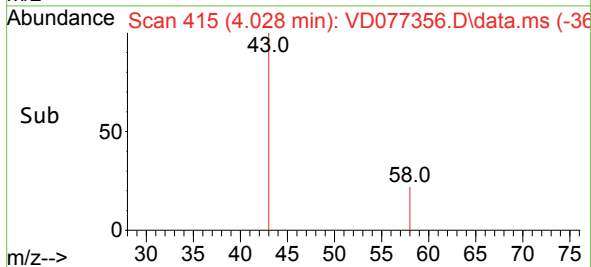
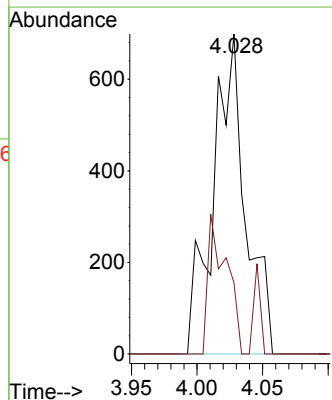
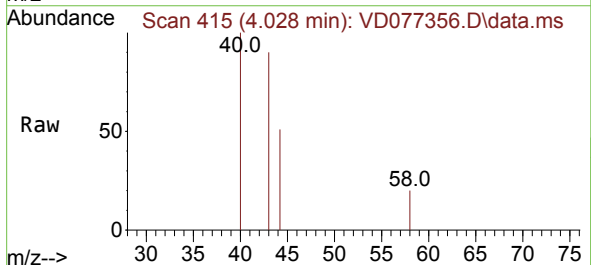
Instrument :
MSVOA_D
ClientSampleId :

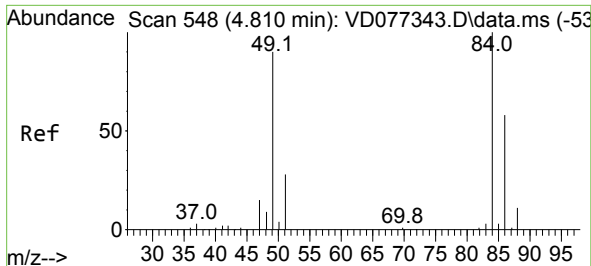
Tgt Ion:168 Resp: 127540
Ion Ratio Lower Upper
168 100
99 48.8 36.7 55.1



#16
Acetone
Concen: 4.805 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18

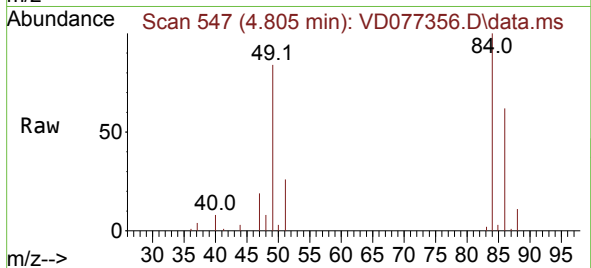
Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
58 22.3 34.7 52.1#



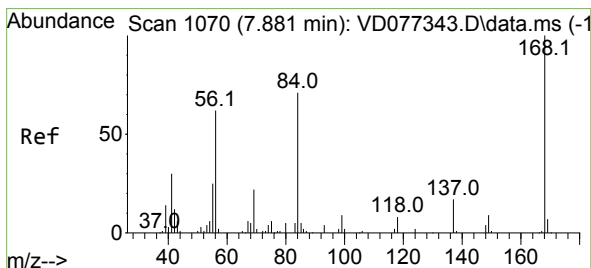
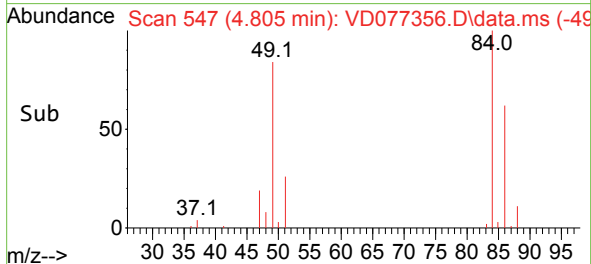
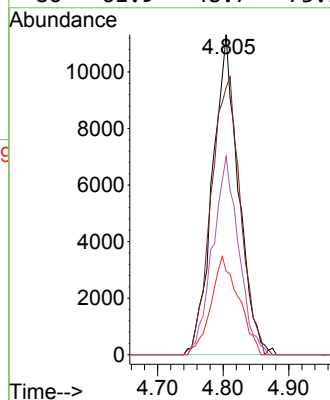


#20
Methylene Chloride
Concen: 17.555 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18

Instrument :
MSVOA_D
ClientSampleId :

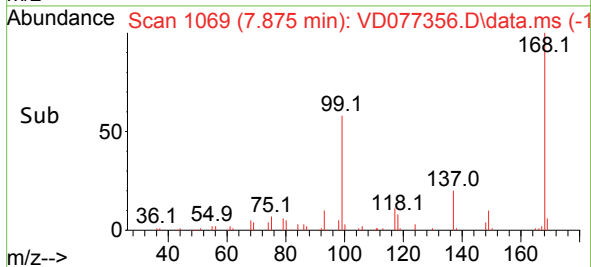
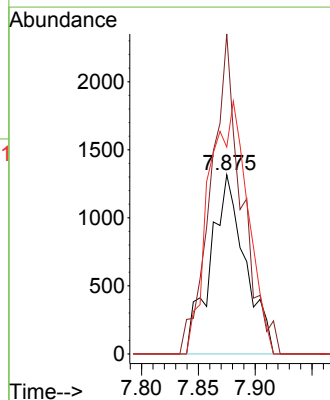
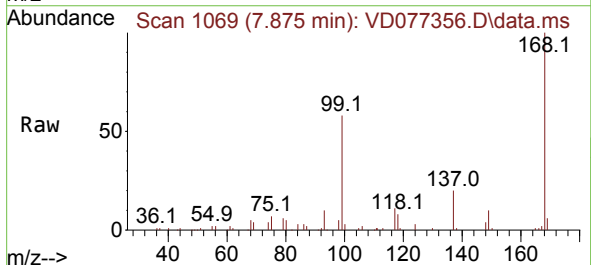


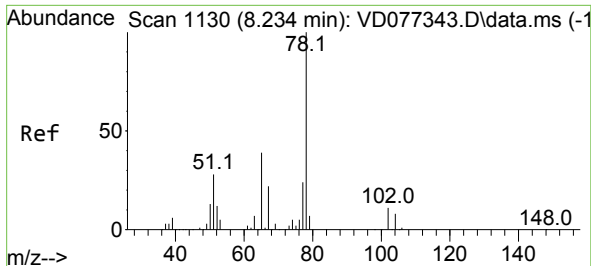
Tgt Ion: 84	Resp: 31213
Ion Ratio	Lower Upper
84 100	
49 83.5	71.4 107.2
51 26.1	24.5 36.7
86 61.9	48.7 73.1



#31
Cyclohexane
Concen: 1.577 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18

Tgt Ion: 56	Resp: 2794		
Ion Ratio	Lower	Upper	
56	100		
69	178.6	28.6	43.0#
84	115.5	84.8	127.2





#33

1,2-Dichloroethane-d4

Concen: 63.907 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077356.D

Acq: 19 Oct 2023 16:18

Instrument :

MSVOA_D

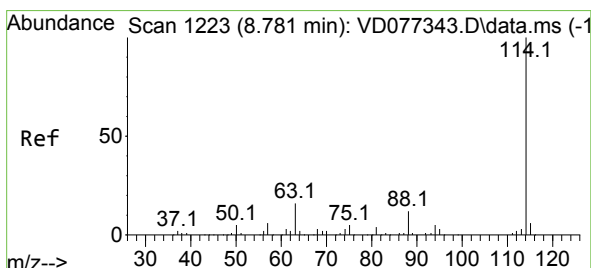
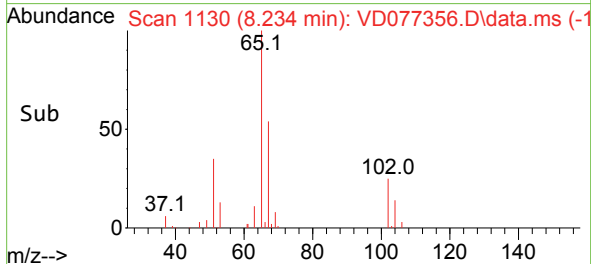
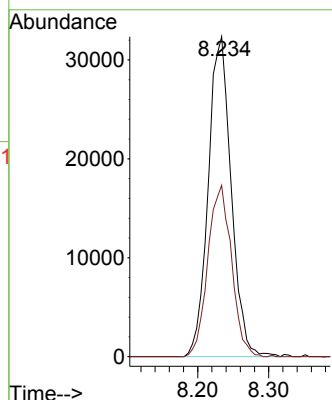
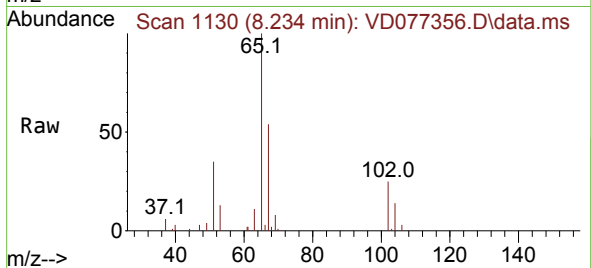
ClientSampleId :

Tgt Ion: 65 Resp: 72781

Ion Ratio Lower Upper

65 100

67 55.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077356.D

Acq: 19 Oct 2023 16:18

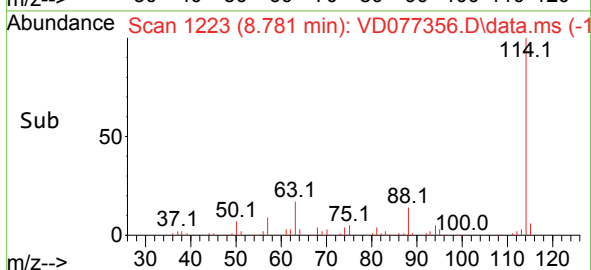
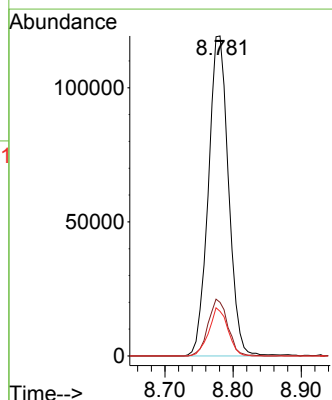
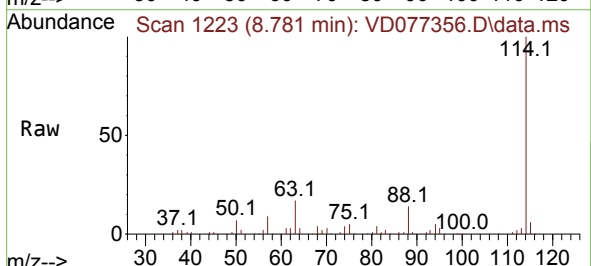
Tgt Ion: 114 Resp: 245778

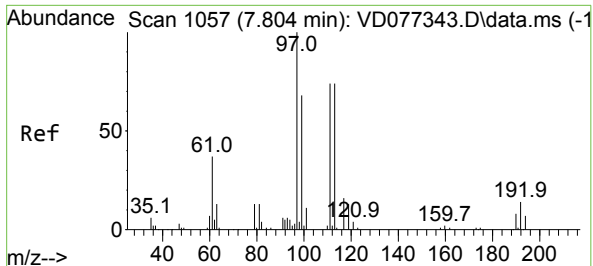
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

88 13.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.333 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

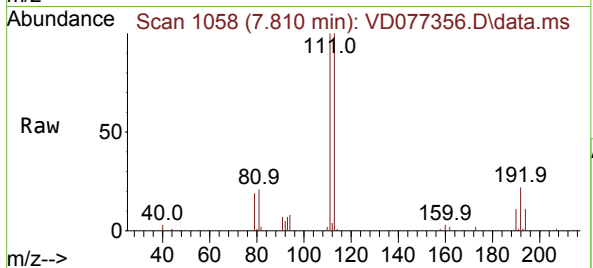
Lab File: VD077356.D

Acq: 19 Oct 2023 16:18

Instrument :

MSVOA_D

ClientSampleId :



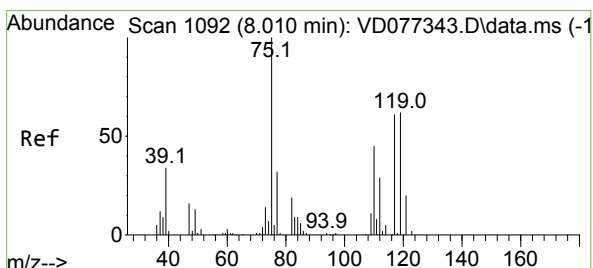
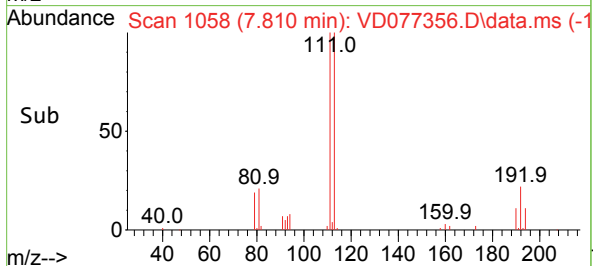
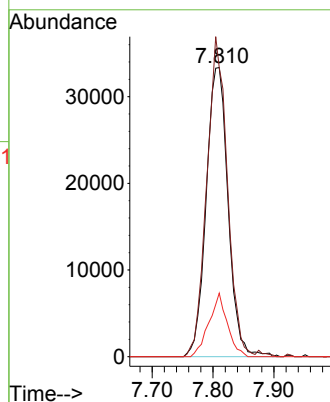
Tgt Ion:113 Resp: 83457

Ion Ratio Lower Upper

113 100

111 104.0 84.7 127.1

192 18.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 4.510 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.129 min

Lab File: VD077356.D

Acq: 19 Oct 2023 16:18

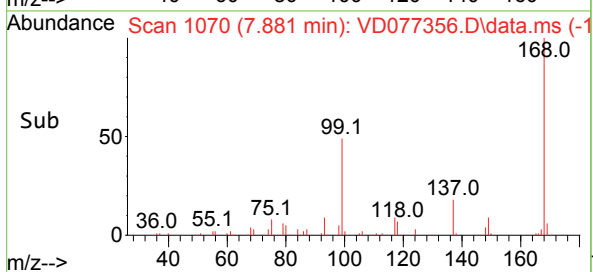
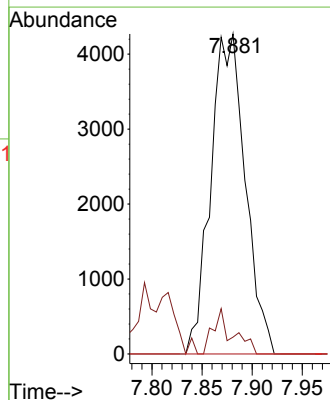
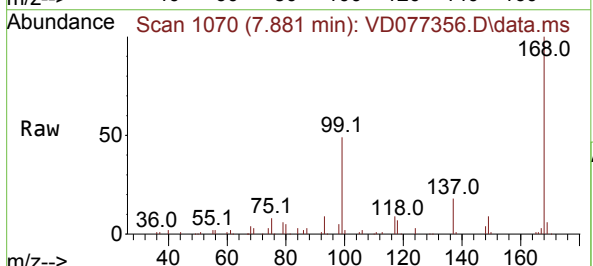
Tgt Ion: 75 Resp: 10232

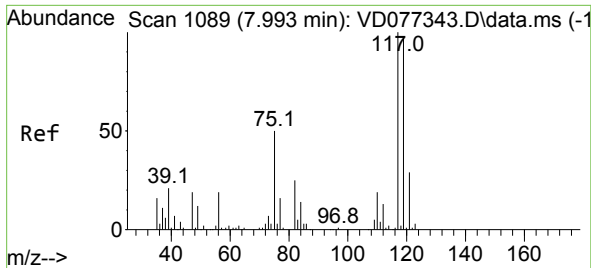
Ion Ratio Lower Upper

75 100

110 5.7 19.9 59.6#

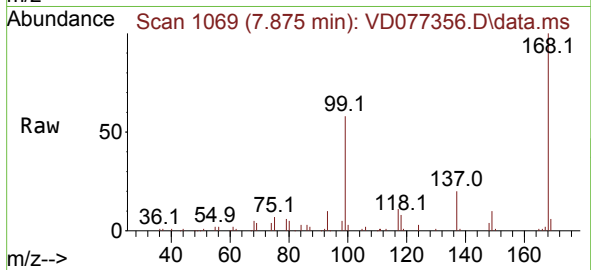
77 0.0 24.7 37.1#



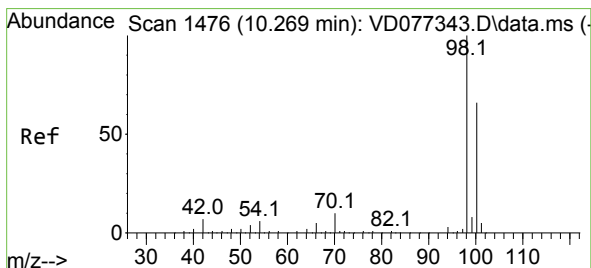
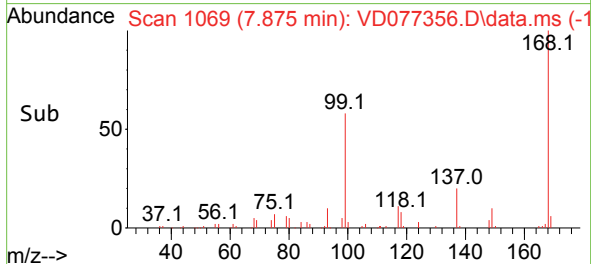
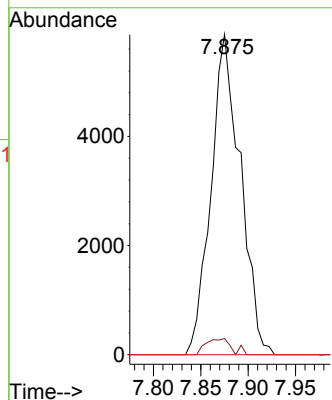


#38
Carbon Tetrachloride
Concen: 5.018 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18

Instrument :
MSVOA_D
ClientSampleId :

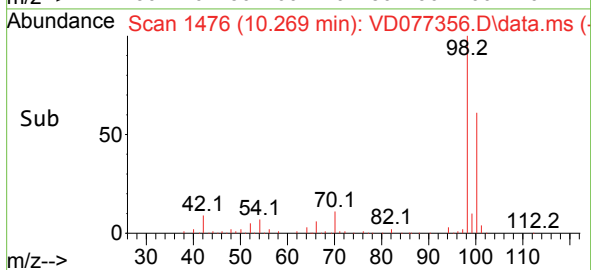
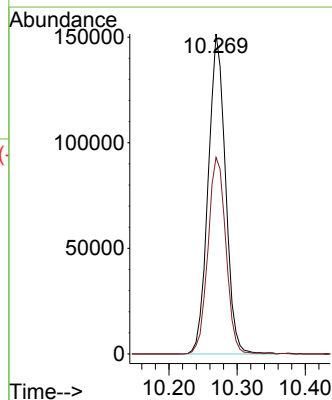
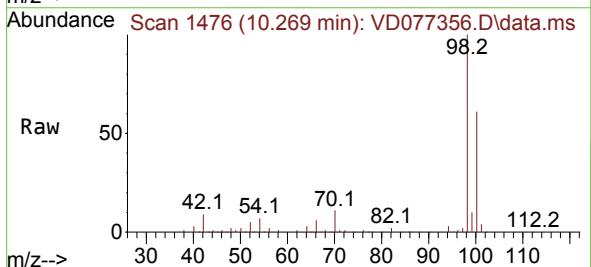


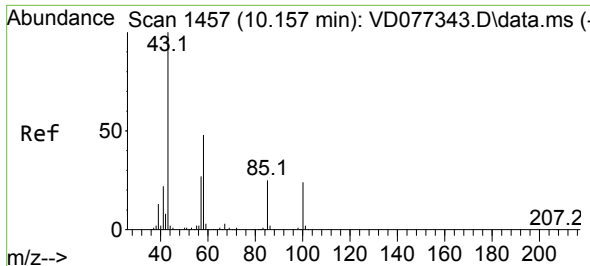
Tgt Ion:117 Resp: 12666
Ion Ratio Lower Upper
117 100
119 5.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 43.204 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18

Tgt Ion: 98 Resp: 267170
Ion Ratio Lower Upper
98 100
100 63.7 50.3 75.5

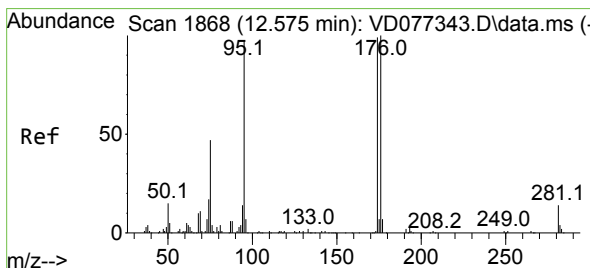
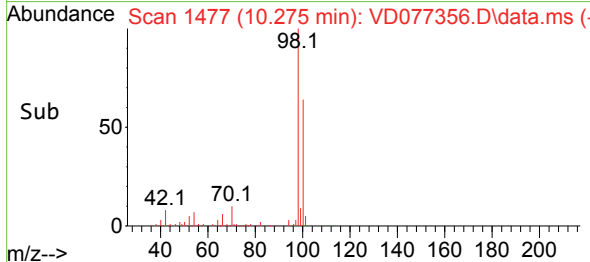
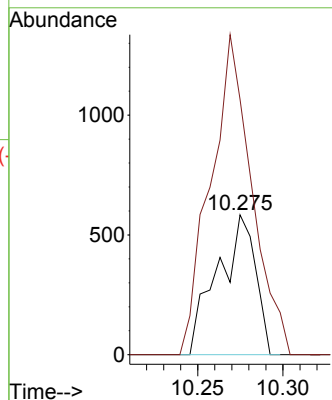
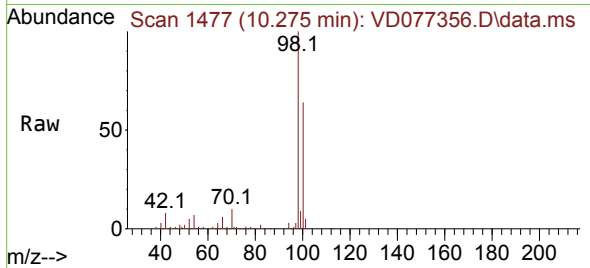




#51
4-Methyl-2-Pentanone
Concen: 1.404 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18

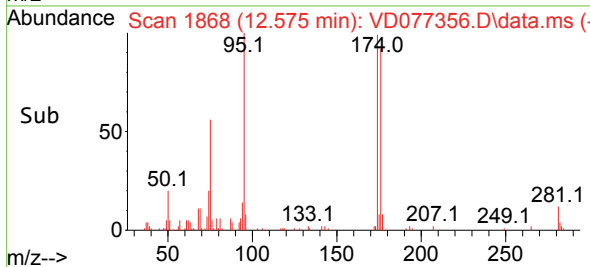
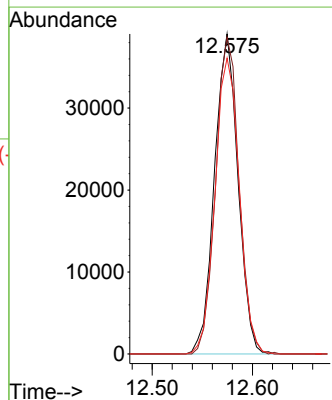
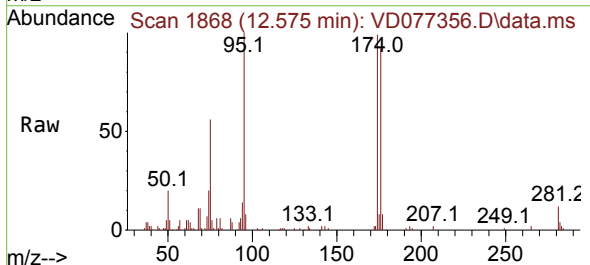
Instrument :
MSVOA_D
ClientSampleId :

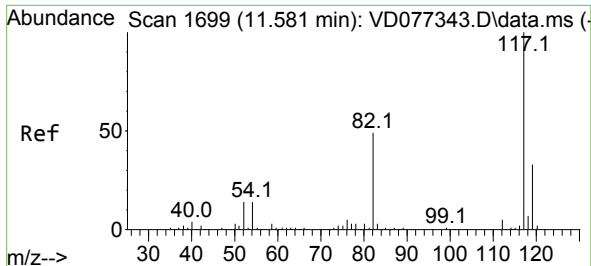
Tgt Ion: 43 Resp: 903
Ion Ratio Lower Upper
43 100
58 248.9 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 35.619 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18

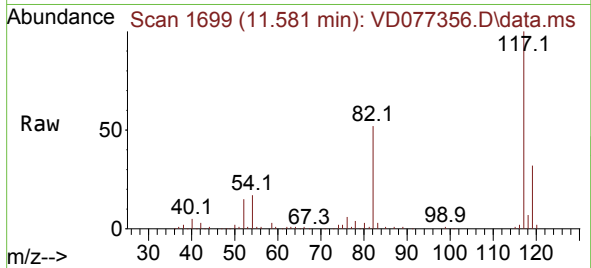
Tgt Ion: 95 Resp: 63404
Ion Ratio Lower Upper
95 100
174 98.6 0.0 201.8
176 95.9 0.0 191.8



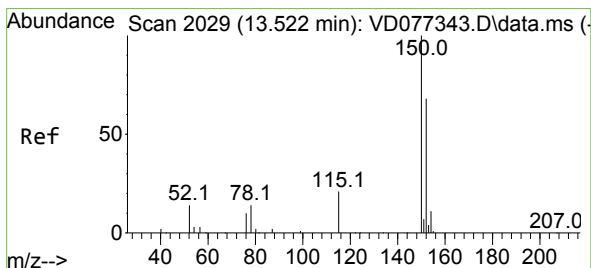
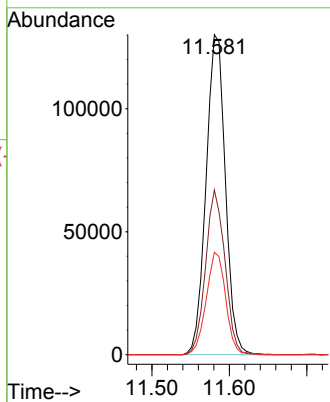
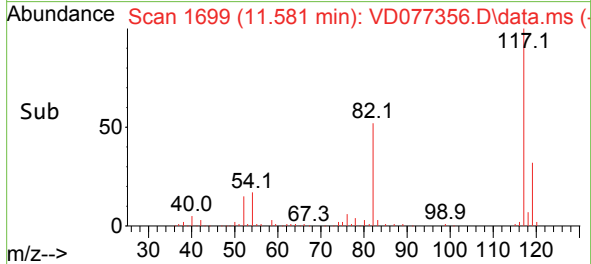


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18

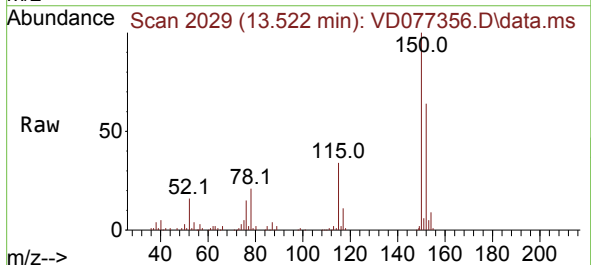
Instrument :
MSVOA_D
ClientSampleId :



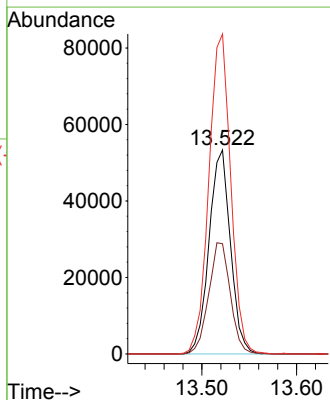
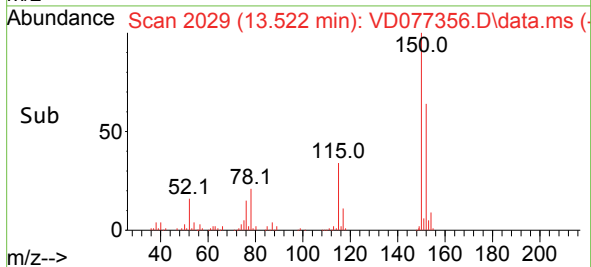
Tgt Ion:117 Resp: 225994
Ion Ratio Lower Upper
117 100
82 51.5 38.3 57.5
119 32.0 25.0 37.4

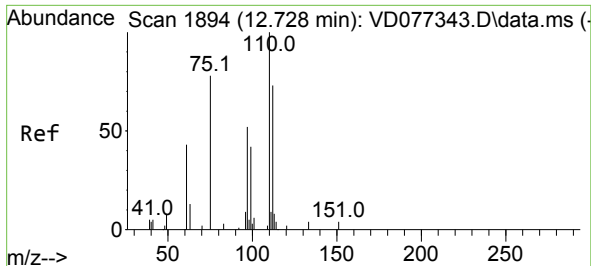


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18



Tgt Ion:152 Resp: 83739
Ion Ratio Lower Upper
152 100
115 55.0 27.1 81.3
150 160.1 0.0 353.6

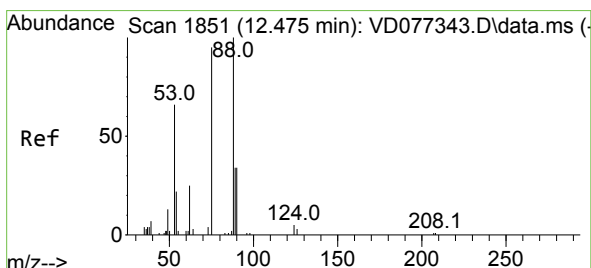
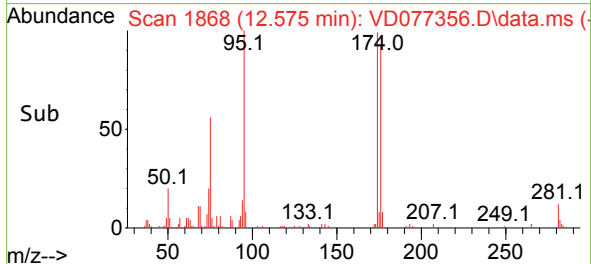
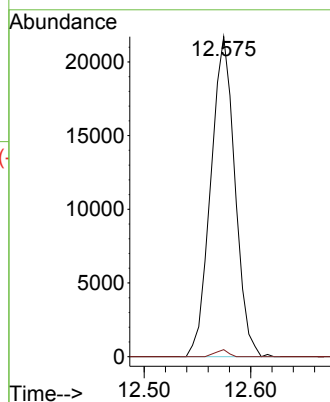
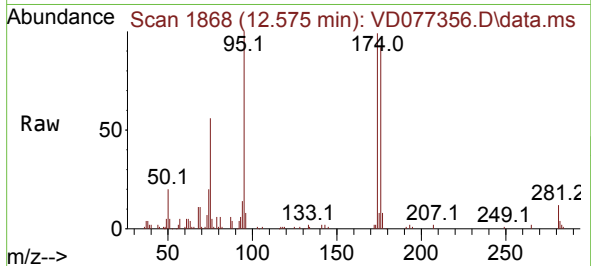




#76
1,2,3-Trichloropropane
Concen: 31.223 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 34258
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 109.621 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD077356.D
Acq: 19 Oct 2023 16:18

Tgt Ion: 75 Resp: 34258
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

