

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077242.D
 Acq On : 28 Sep 2023 21:03
 Operator : JC/SY
 Sample : 04636-01
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

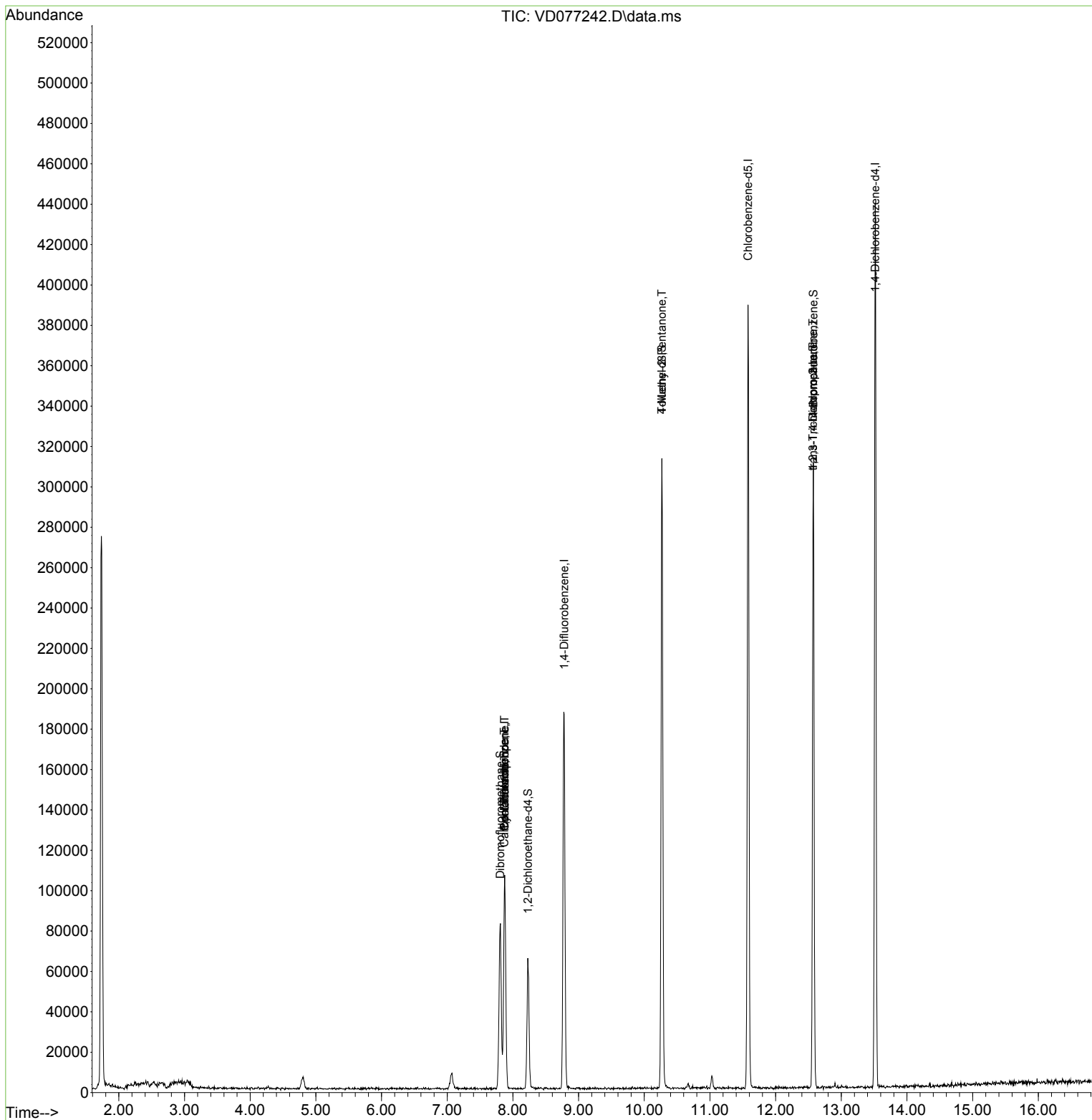
Quant Time: Sep 29 02:23:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

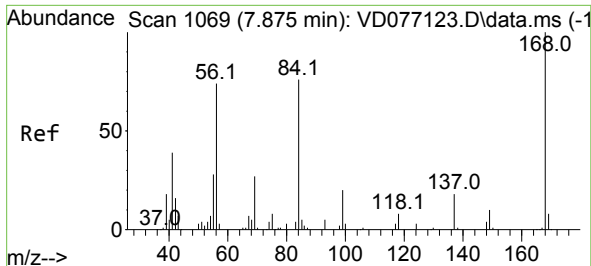
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	81848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	178414	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	239323	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	120682	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	47502	57.507	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.020%
35) Dibromofluoromethane	7.810	113	60992	49.217	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.440%
50) Toluene-d8	10.269	98	226652	51.383	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.760%
62) 4-Bromofluorobenzene	12.575	95	95932	70.168	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	140.340%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.793	84	4907	Below Cal		92
31) Cyclohexane	7.875	56	1843	1.275	ug/l #	25
36) 1,1-Dichloropropene	7.875	75	6945	3.721	ug/l #	47
38) Carbon Tetrachloride	7.869	117	8590	4.683	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	947	1.373	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	50545	52.506	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	50545	99.384	ug/l #	17

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

Quant Time: Sep 29 02:23:14 2023
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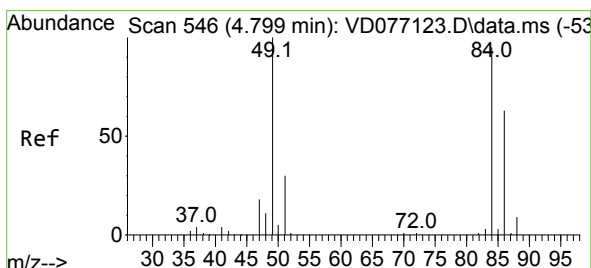
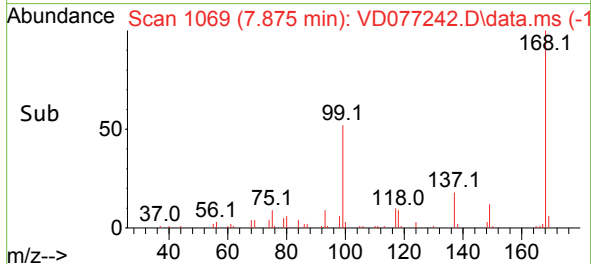
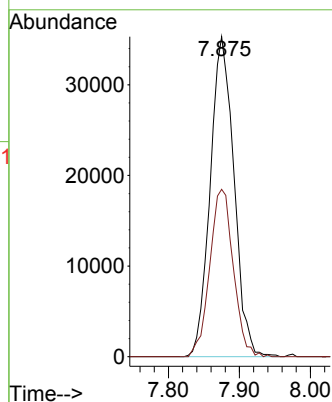
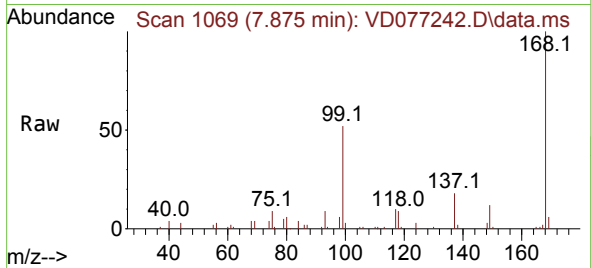




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD077242.D
Acq: 28 Sep 2023 21:03

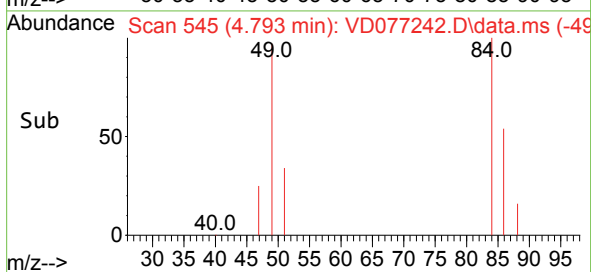
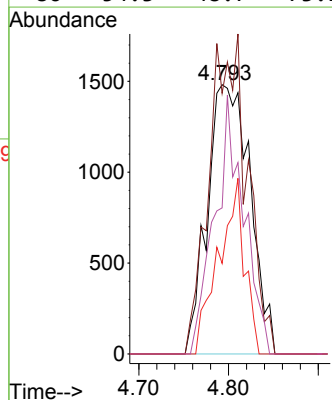
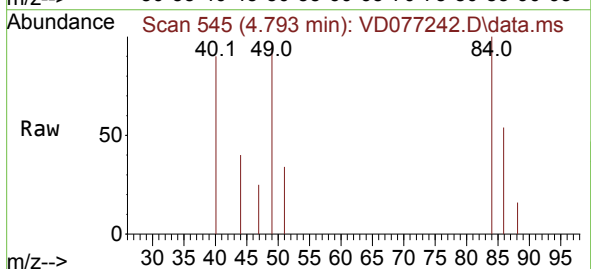
Instrument :
MSVOA_D
ClientSampleId :

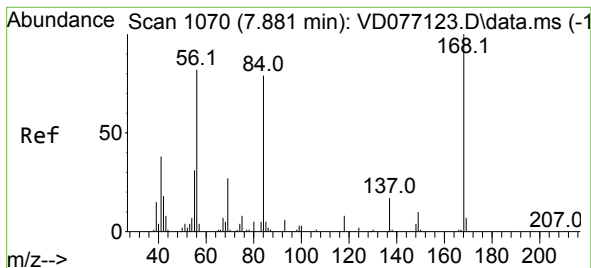
Tgt Ion:168 Resp: 81848
Ion Ratio Lower Upper
168 100
99 52.3 36.7 55.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD077242.D
Acq: 28 Sep 2023 21:03

Tgt Ion: 84 Resp: 4907
Ion Ratio Lower Upper
84 100
49 96.8 71.4 107.2
51 33.6 24.5 36.7
86 54.3 48.7 73.1





#31

Cyclohexane

Concen: 1.275 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

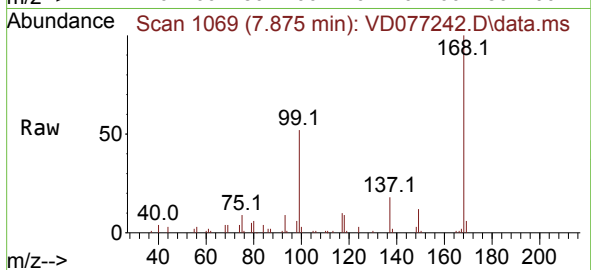
Lab File: VD077242.D

Acq: 28 Sep 2023 21:03

Instrument :

MSVOA_D

ClientSampleId :



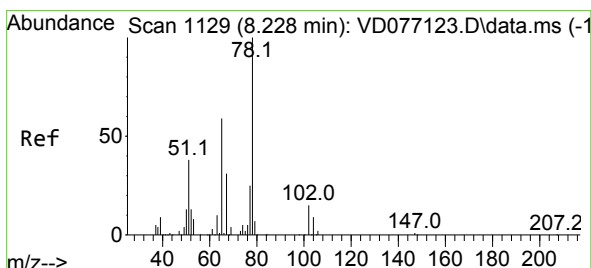
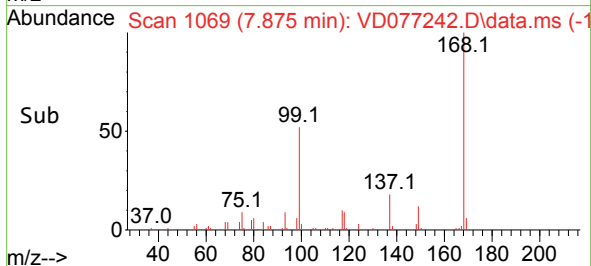
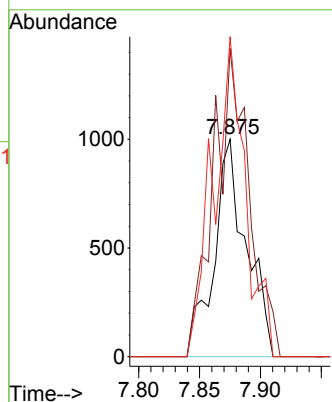
Tgt Ion: 56 Resp: 1843

Ion Ratio Lower Upper

56 100

69 141.8 28.6 43.0#

84 147.2 84.8 127.2#



#33

1,2-Dichloroethane-d4

Concen: 57.507 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077242.D

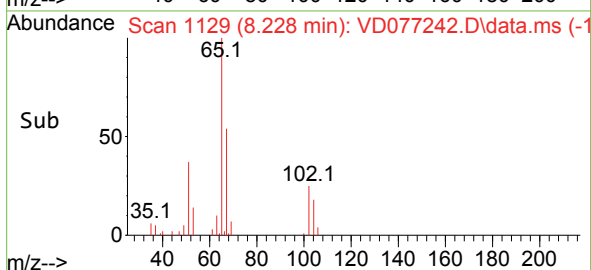
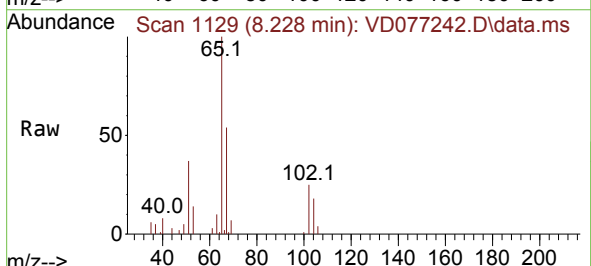
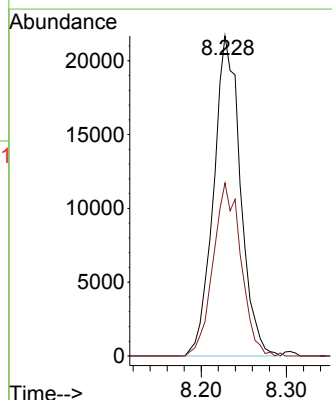
Acq: 28 Sep 2023 21:03

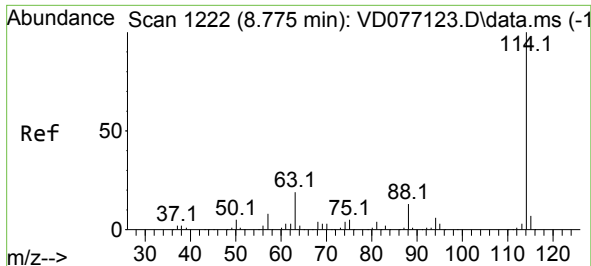
Tgt Ion: 65 Resp: 47502

Ion Ratio Lower Upper

65 100

67 56.0 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077242.D

Acq: 28 Sep 2023 21:03

Instrument :

MSVOA_D

ClientSampleId :

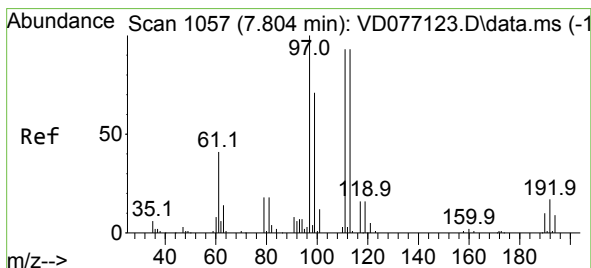
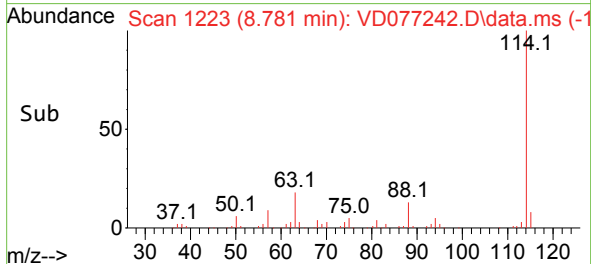
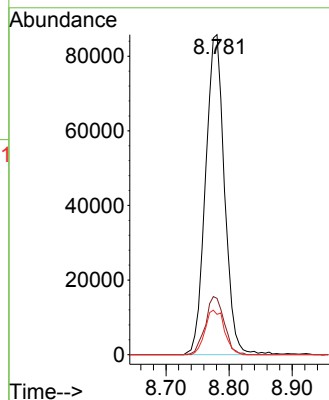
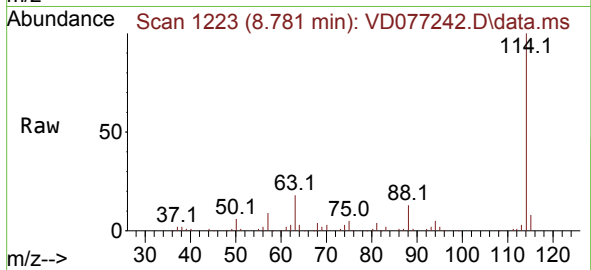
Tgt Ion:114 Resp: 178414

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 12.6 0.0 26.2



#35

Dibromofluoromethane

Concen: 49.217 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077242.D

Acq: 28 Sep 2023 21:03

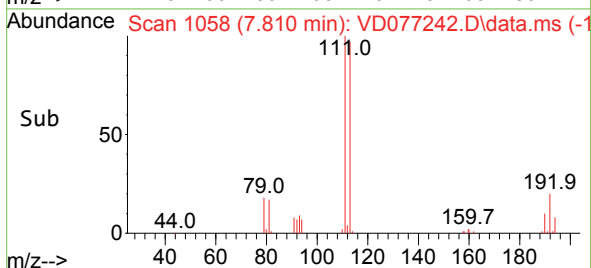
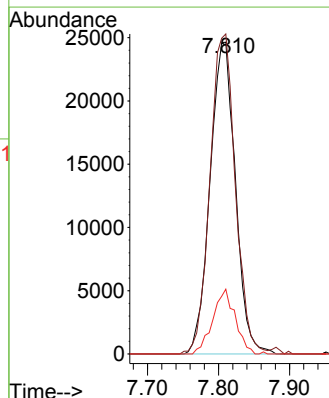
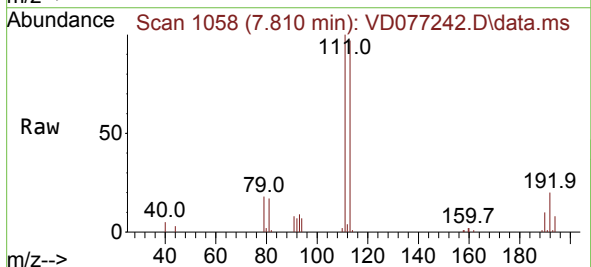
Tgt Ion:113 Resp: 60992

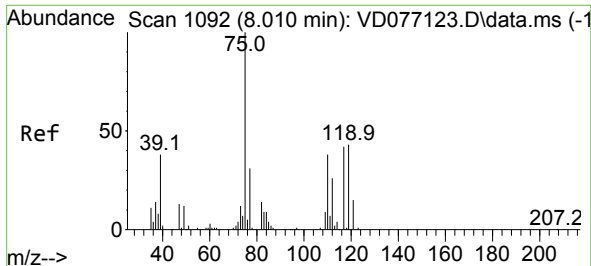
Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 18.4 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.721 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.135 min

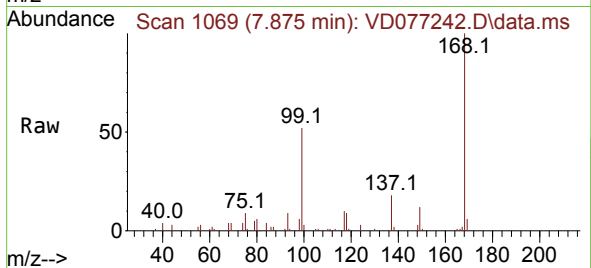
Lab File: VD077242.D

Acq: 28 Sep 2023 21:03

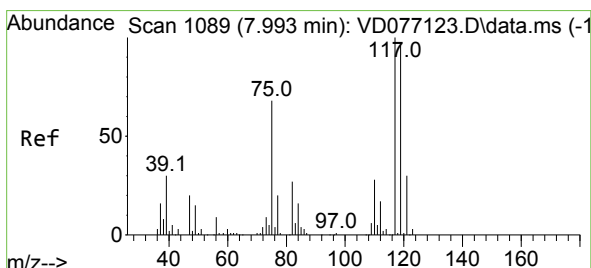
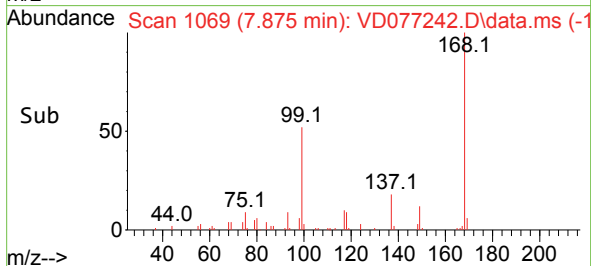
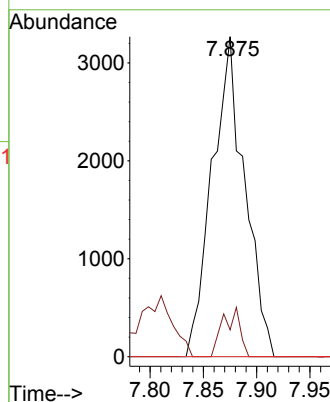
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 6945
Ion Ratio	Lower Upper
75	100
110	8.1 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.683 ug/l

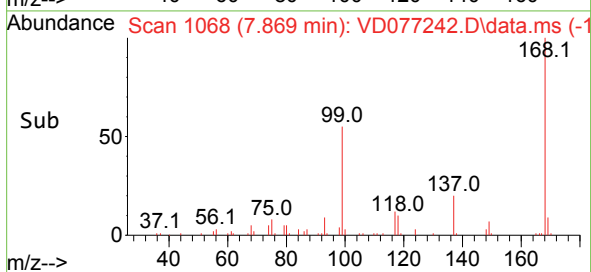
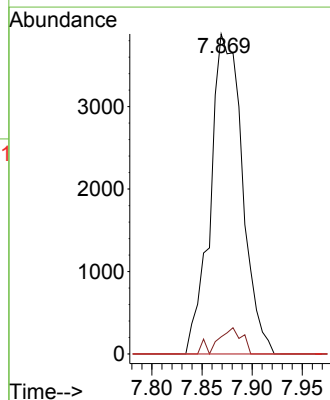
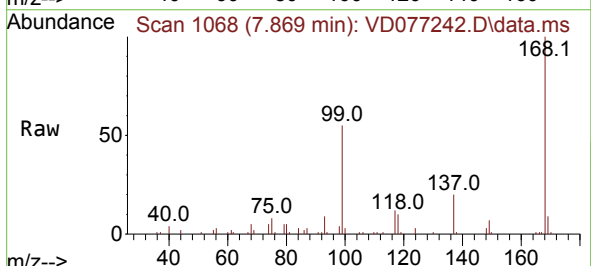
RT: 7.869 min Scan# 1068

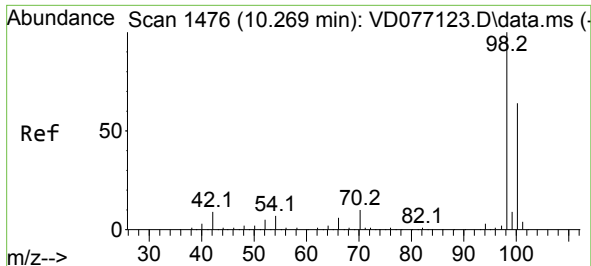
Delta R.T. -0.123 min

Lab File: VD077242.D

Acq: 28 Sep 2023 21:03

Tgt Ion: 117	Resp: 8590
Ion Ratio	Lower Upper
117	100
119	5.4 78.0 117.0#
121	0.0 24.2 36.2#

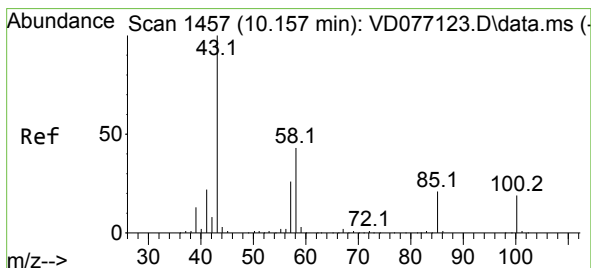
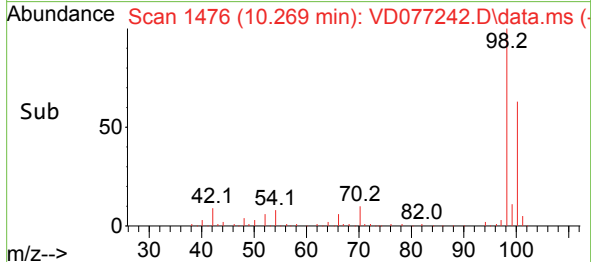
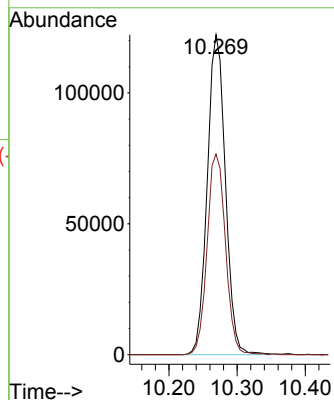
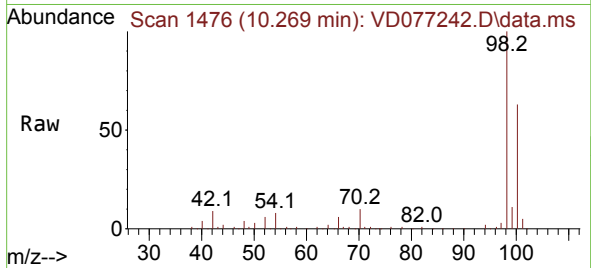




#50
Toluene-d8
Concen: 51.383 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077242.D
Acq: 28 Sep 2023 21:03

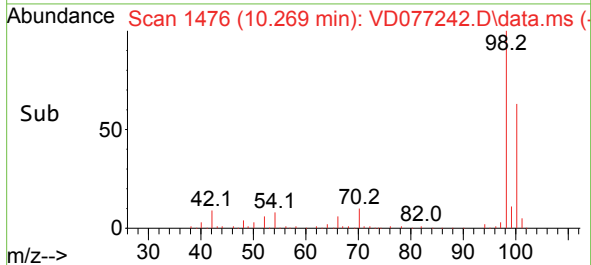
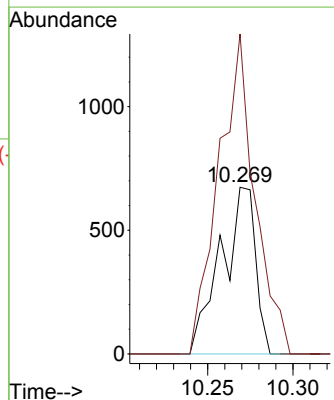
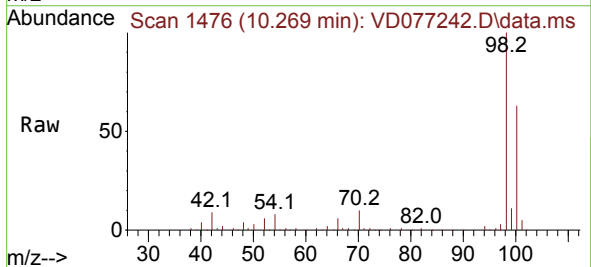
Instrument :
MSVOA_D
ClientSampleId :

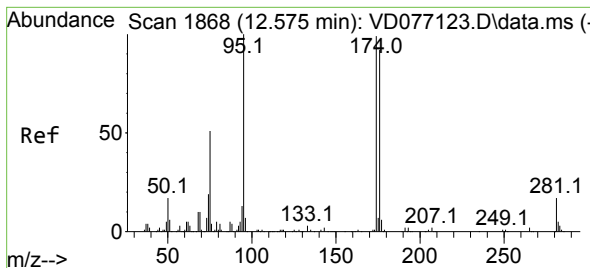
Tgt Ion: 98 Resp: 226652
Ion Ratio Lower Upper
98 100
100 63.4 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.373 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD077242.D
Acq: 28 Sep 2023 21:03

Tgt Ion: 43 Resp: 947
Ion Ratio Lower Upper
43 100
58 201.6 38.9 58.3#

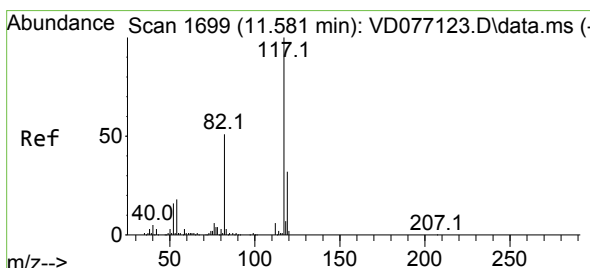
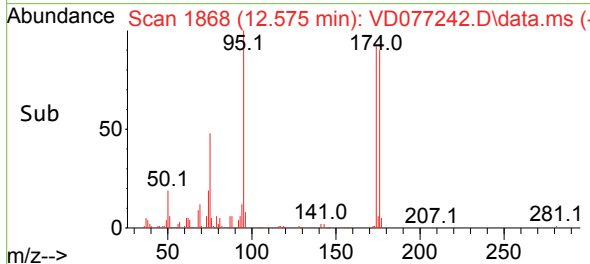
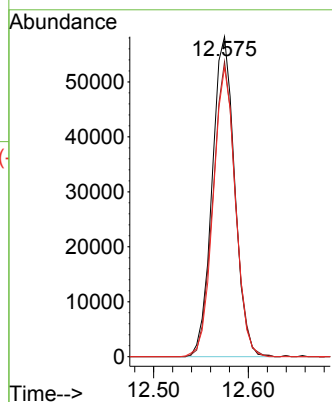
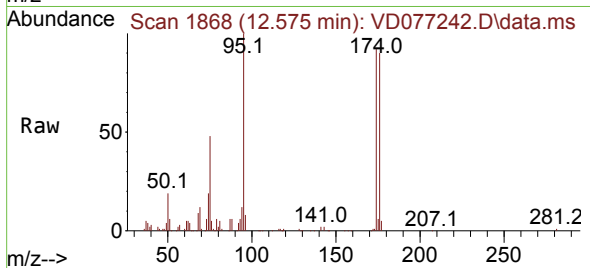




#62
4-Bromofluorobenzene
Concen: 70.168 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077242.D
Acq: 28 Sep 2023 21:03

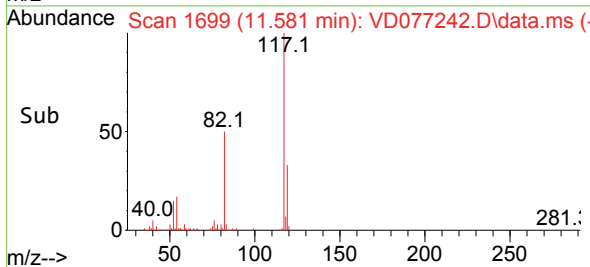
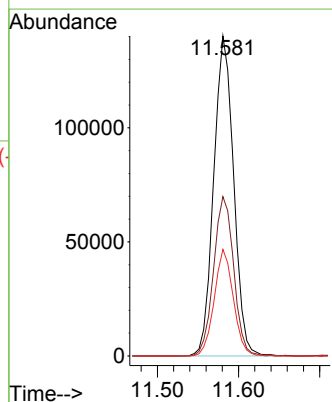
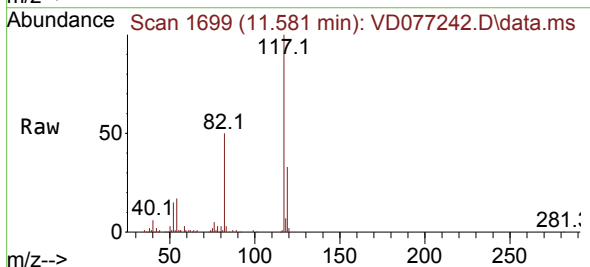
Instrument :
MSVOA_D
ClientSampleId :

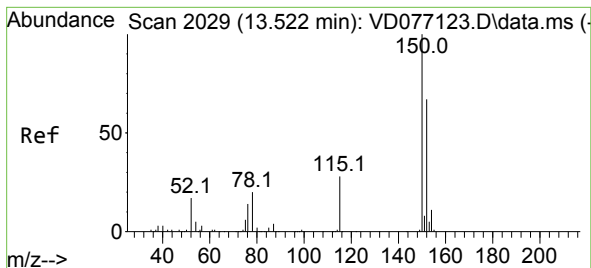
Tgt Ion: 95 Resp: 95932
Ion Ratio Lower Upper
95 100
174 91.2 0.0 201.8
176 89.1 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077242.D
Acq: 28 Sep 2023 21:03

Tgt Ion: 117 Resp: 239323
Ion Ratio Lower Upper
117 100
82 49.8 38.3 57.5
119 33.3 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 20

Delta R.T. -0.006 min

Lab File: VD077242.D

Acq: 28 Sep 2023 21:03

Instrument :

MSVOA_D

ClientSampleId :

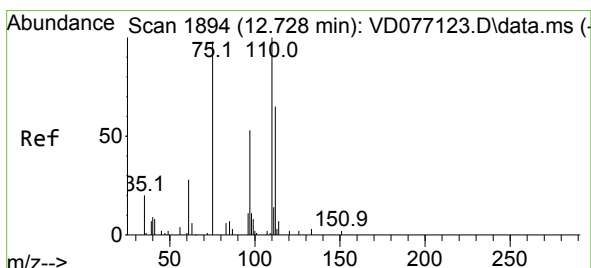
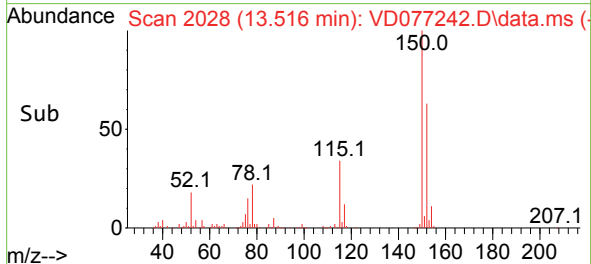
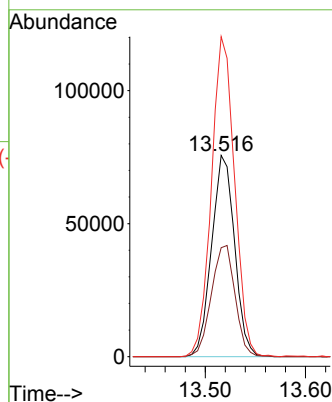
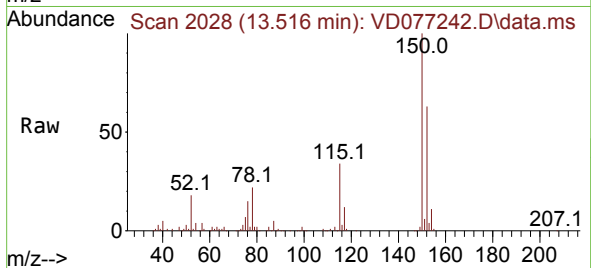
Tgt Ion:152 Resp: 120682

Ion Ratio Lower Upper

152 100

115 57.0 27.1 81.3

150 160.0 0.0 353.6



#76

1,2,3-Trichloropropane

Concen: 52.506 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.159 min

Lab File: VD077242.D

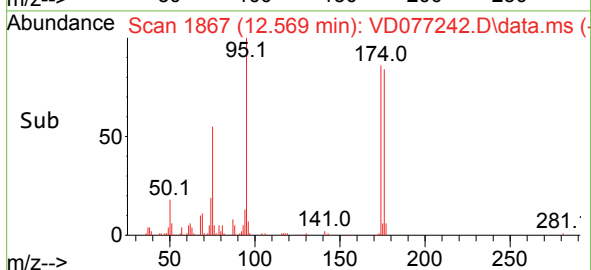
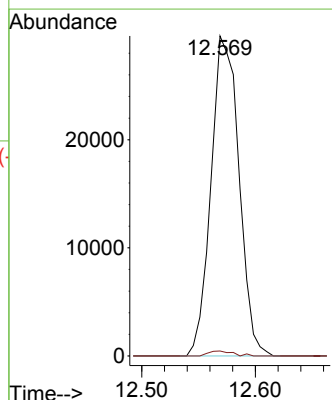
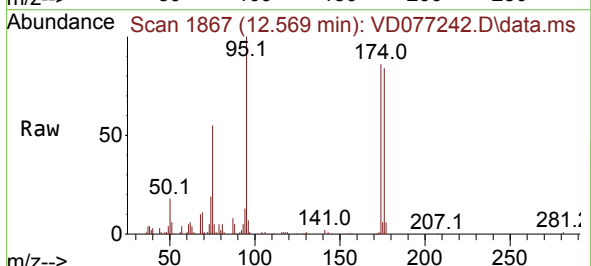
Acq: 28 Sep 2023 21:03

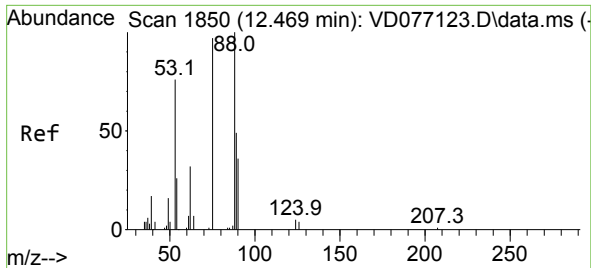
Tgt Ion: 75 Resp: 50545

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 99.384 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD077242.D
Acq: 28 Sep 2023 21:03

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	75	Resp:	50545
Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.2	37.9	56.9#

