

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077241.D
 Acq On : 28 Sep 2023 20:35
 Operator : JC/SY
 Sample : 04666-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 29 02:22:53 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

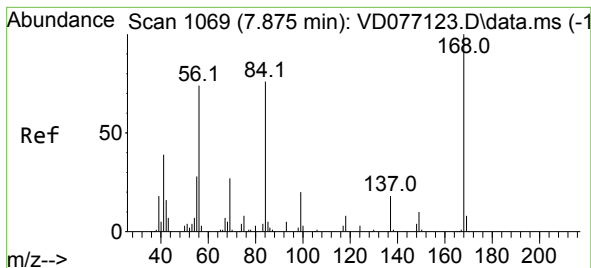
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	150591	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	343426	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	447101	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	223400	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86964	57.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.440%
35) Dibromofluoromethane	7.805	113	113221	47.464	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.920%
50) Toluene-d8	10.269	98	450221	53.025	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.060%
62) 4-Bromofluorobenzene	12.575	95	188866	71.767	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	143.540%#
Target Compounds						
					Qvalue	
16) Acetone	4.022	43	1444	4.157	ug/l #	81
20) Methylene Chloride	4.793	84	12396	Below Cal		90
25) 2-Butanone	7.081	43	1276	2.792	ug/l #	37
31) Cyclohexane	7.869	56	2847	1.071	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	11697	3.256	ug/l #	50
38) Carbon Tetrachloride	7.881	117	14827	4.199	ug/l #	15
51) 4-Methyl-2-Pentanone	10.275	43	1987	1.497	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	97473	54.699	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	97473	103.533	ug/l #	17

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

Quant Time: Sep 29 02:22:53 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: VD077241.D

Acq: 28 Sep 2023 20:35

Instrument :

MSVOA_D

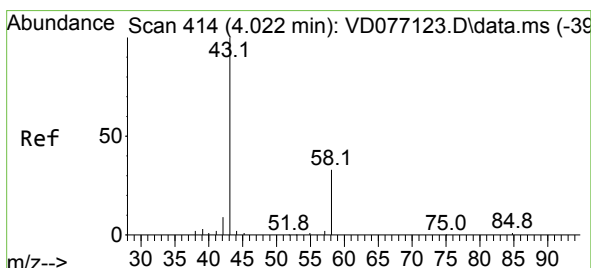
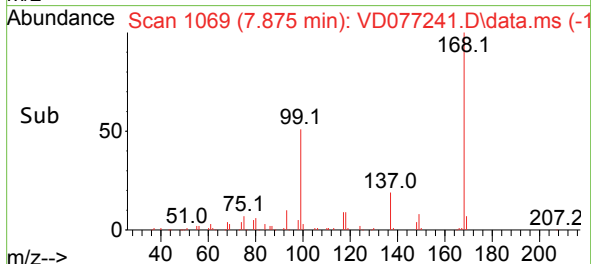
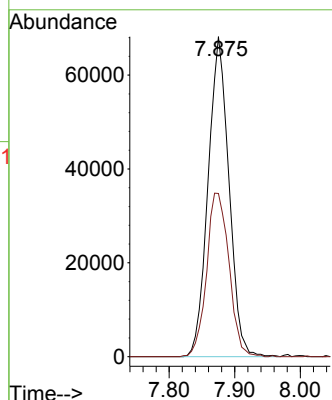
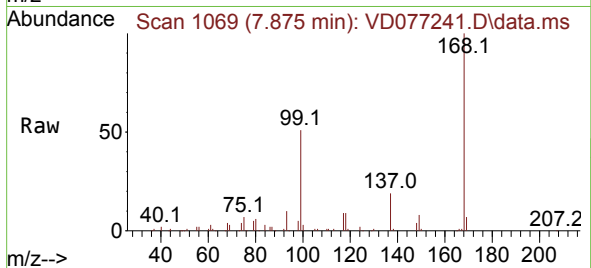
ClientSampleId :

Tgt Ion:168 Resp: 150591

Ion Ratio Lower Upper

168 100

99 51.0 36.7 55.1



#16

Acetone

Concen: 4.157 ug/l

RT: 4.022 min Scan# 414

Delta R.T. 0.000 min

Lab File: VD077241.D

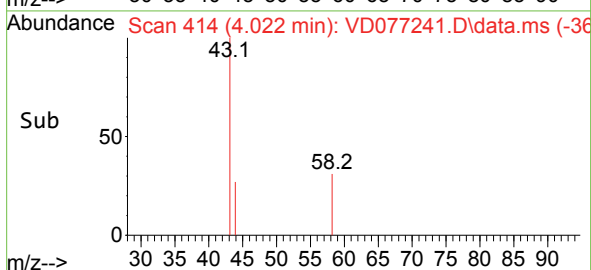
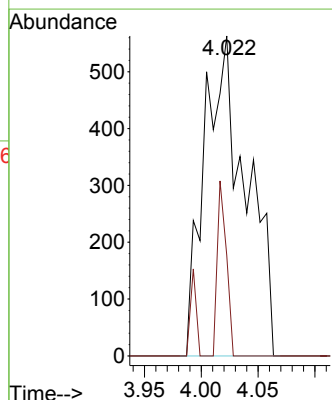
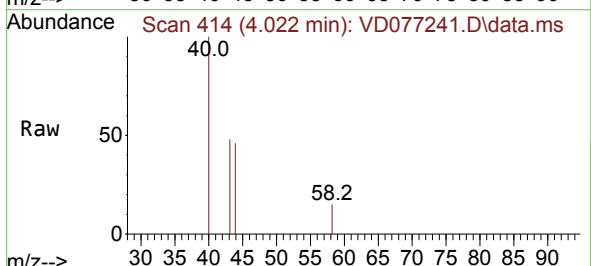
Acq: 28 Sep 2023 20:35

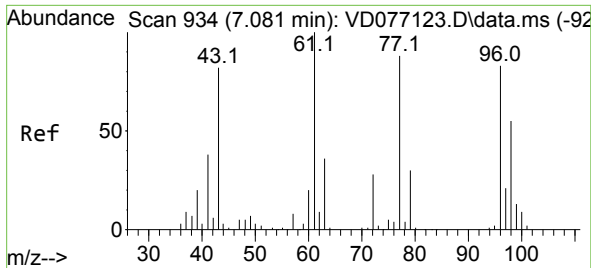
Tgt Ion: 43 Resp: 1444

Ion Ratio Lower Upper

43 100

58 31.4 34.7 52.1#

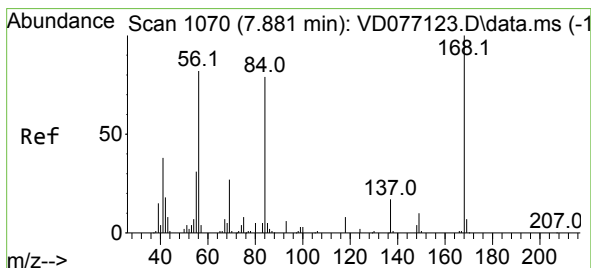
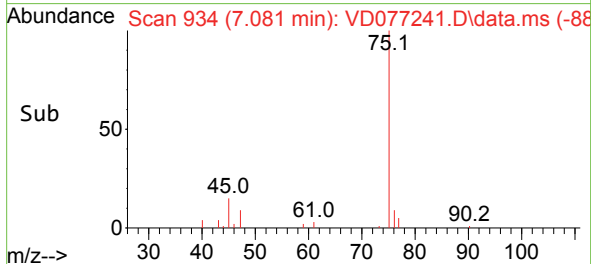
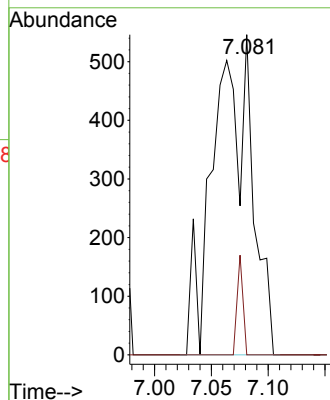
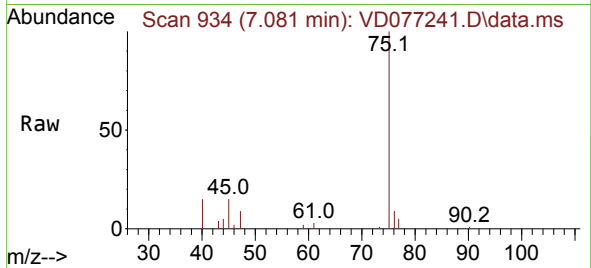




#25
2-Butanone
Concen: 2.792 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077241.D
Acq: 28 Sep 2023 20:35

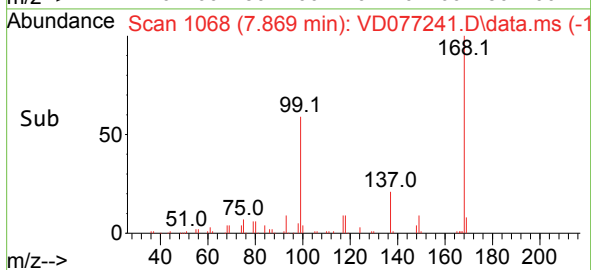
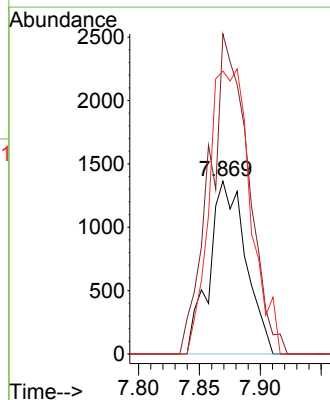
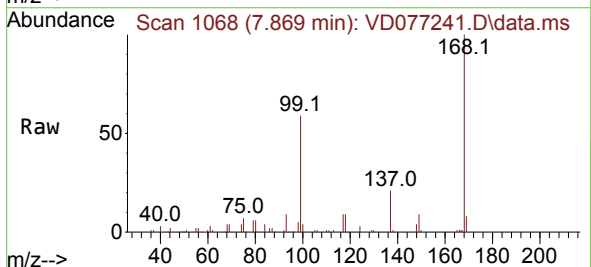
Instrument :
MSVOA_D
ClientSampleId :

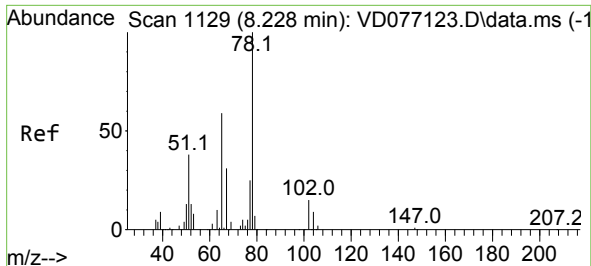
Tgt Ion: 43 Resp: 1276
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.071 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD077241.D
Acq: 28 Sep 2023 20:35

Tgt Ion: 56 Resp: 2847
Ion Ratio Lower Upper
56 100
69 185.3 28.6 43.0#
84 163.8 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 57.221 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077241.D

Acq: 28 Sep 2023 20:35

Instrument :

MSVOA_D

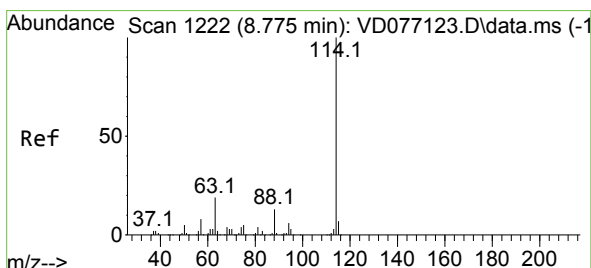
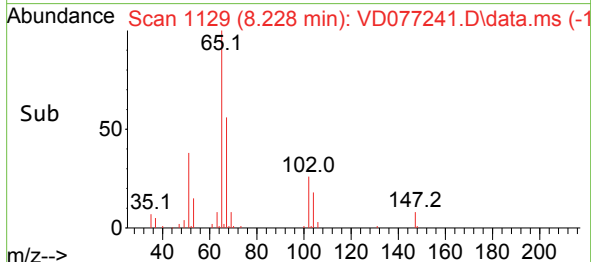
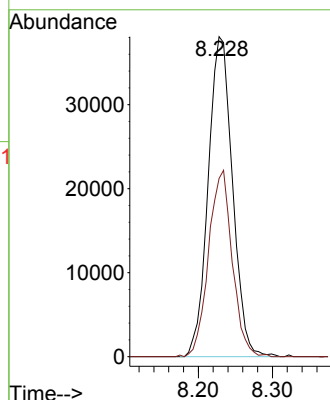
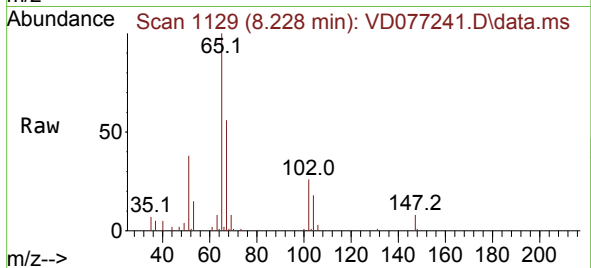
ClientSampleId :

Tgt Ion: 65 Resp: 86964

Ion Ratio Lower Upper

65 100

67 56.6 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: VD077241.D

Acq: 28 Sep 2023 20:35

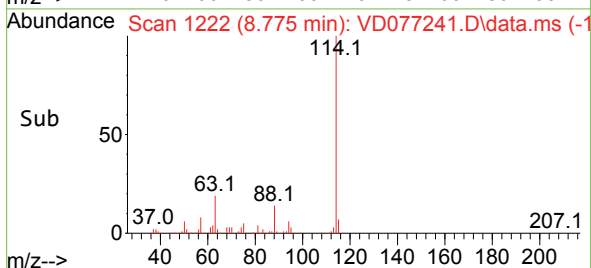
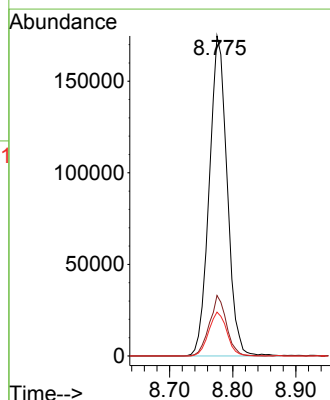
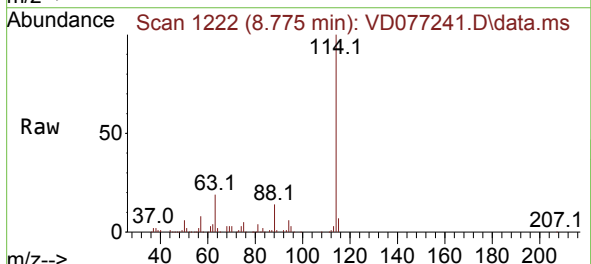
Tgt Ion:114 Resp: 343426

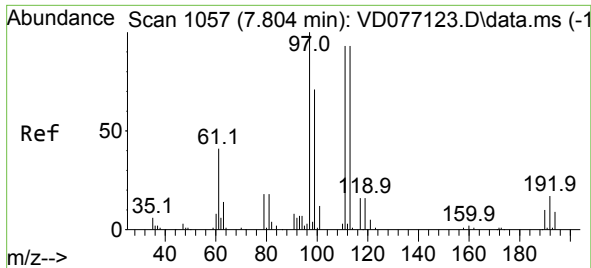
Ion Ratio Lower Upper

114 100

63 18.9 0.0 33.4

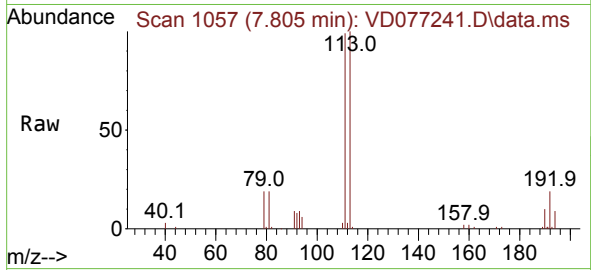
88 13.7 0.0 26.2



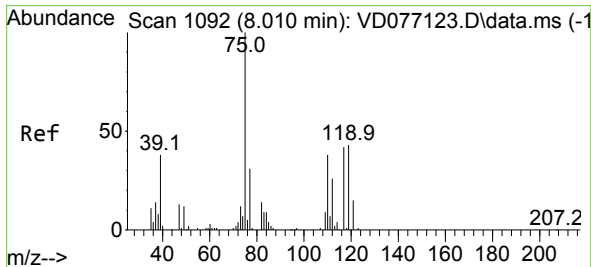
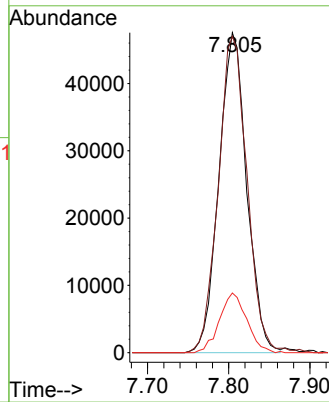
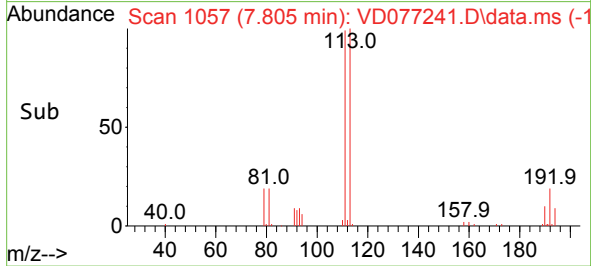


#35
Dibromofluoromethane
Concen: 47.464 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077241.D
Acq: 28 Sep 2023 20:35

Instrument :
MSVOA_D
ClientSampleId :

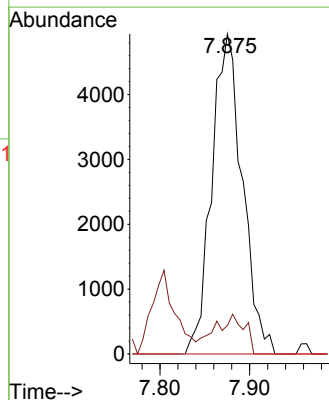
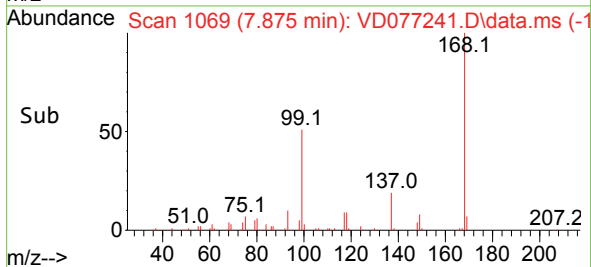
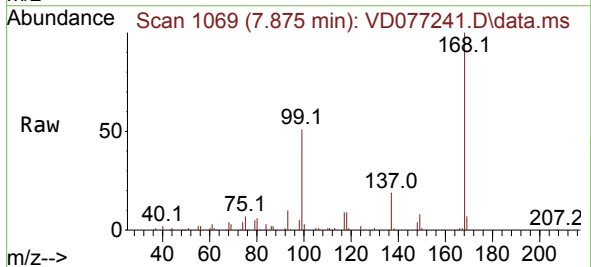


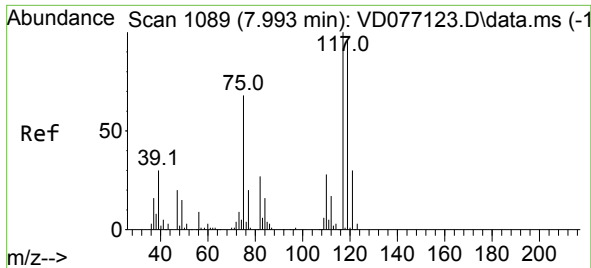
Tgt Ion:113 Resp: 113221
Ion Ratio Lower Upper
113 100
111 102.4 84.7 127.1
192 18.4 16.8 25.2



#36
1,1-Dichloropropene
Concen: 3.256 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD077241.D
Acq: 28 Sep 2023 20:35

Tgt Ion: 75 Resp: 11697
Ion Ratio Lower Upper
75 100
110 12.3 19.9 59.6#
77 0.0 24.7 37.1#

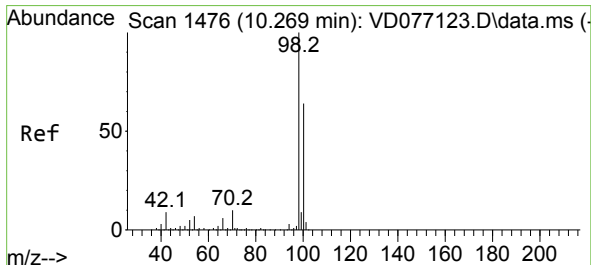
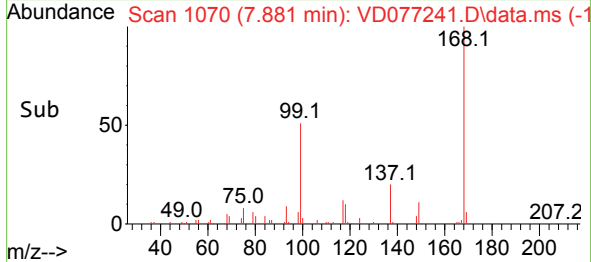
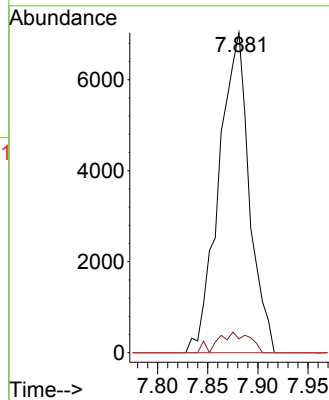
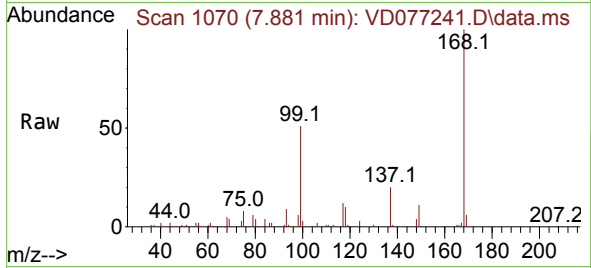




#38
Carbon Tetrachloride
Concen: 4.199 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD077241.D
Acq: 28 Sep 2023 20:35

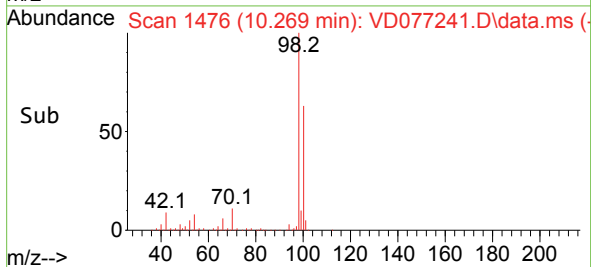
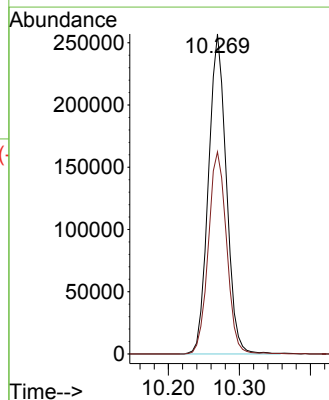
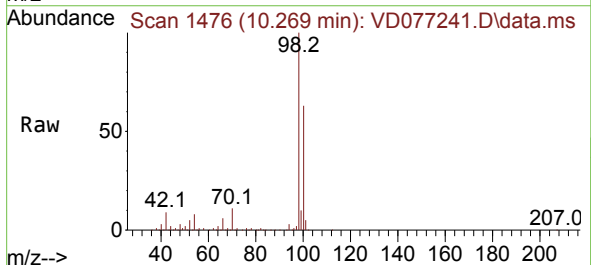
Instrument :
MSVOA_D
ClientSampleId :

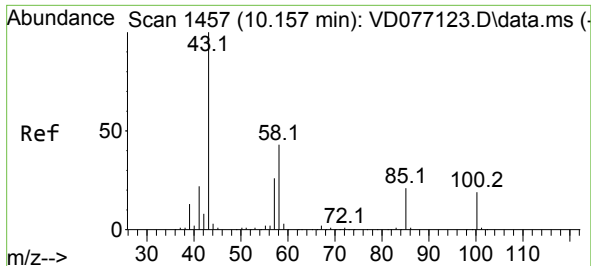
Tgt Ion:117 Resp: 14827
Ion Ratio Lower Upper
117 100
119 4.4 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 53.025 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077241.D
Acq: 28 Sep 2023 20:35

Tgt Ion: 98 Resp: 450221
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5

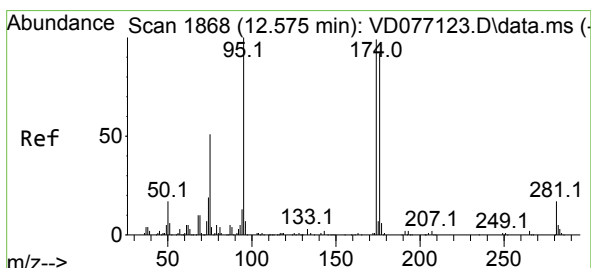
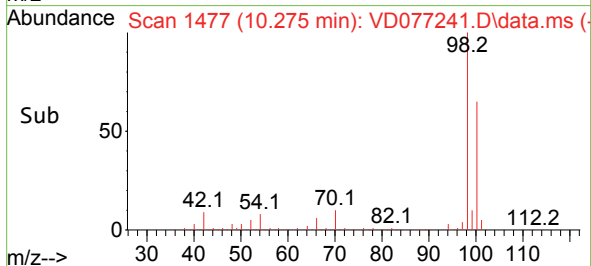
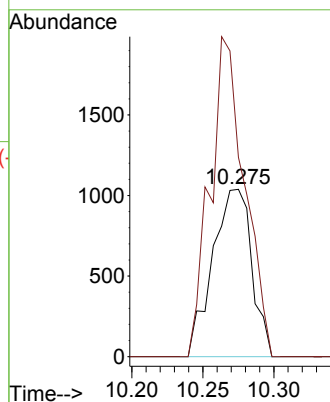
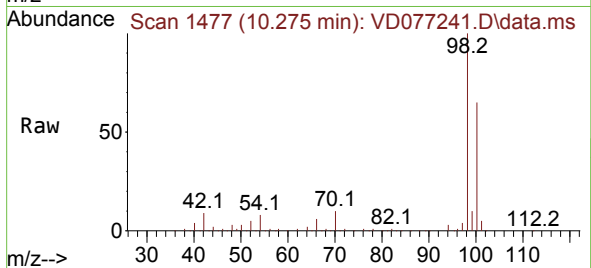




#51
4-Methyl-2-Pentanone
Concen: 1.497 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD077241.D
Acq: 28 Sep 2023 20:35

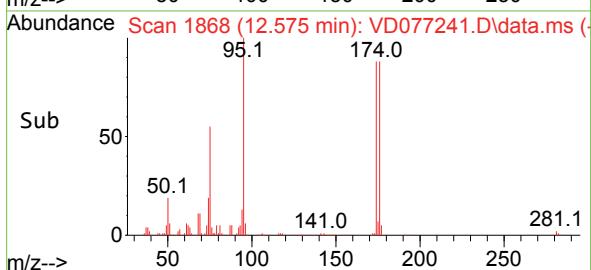
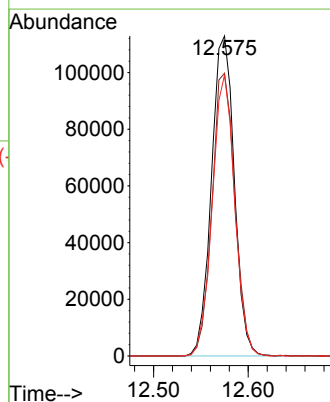
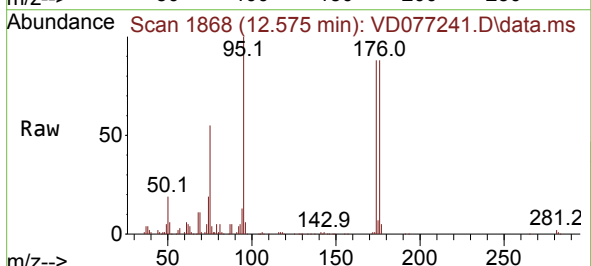
Instrument :
MSVOA_D
ClientSampleId :

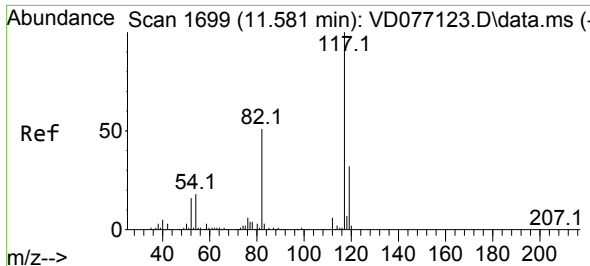
Tgt Ion: 43 Resp: 1987
Ion Ratio Lower Upper
43 100
58 169.0 38.9 58.3#



#62
4-Bromofluorobenzene
Concen: 71.767 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077241.D
Acq: 28 Sep 2023 20:35

Tgt Ion: 95 Resp: 188866
Ion Ratio Lower Upper
95 100
174 88.6 0.0 201.8
176 85.9 0.0 191.8

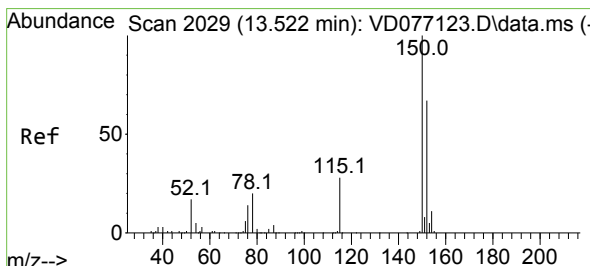
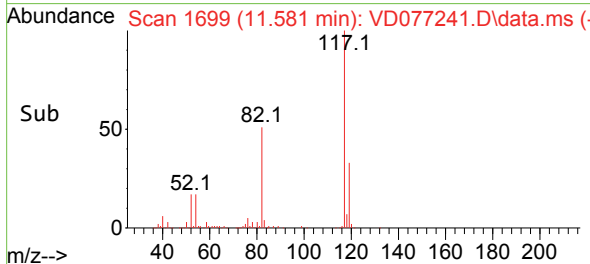
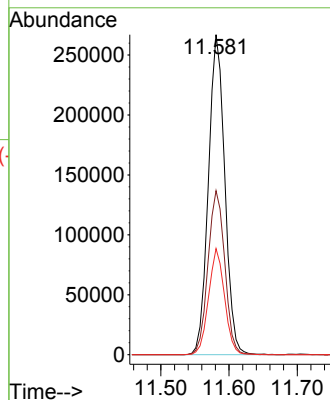
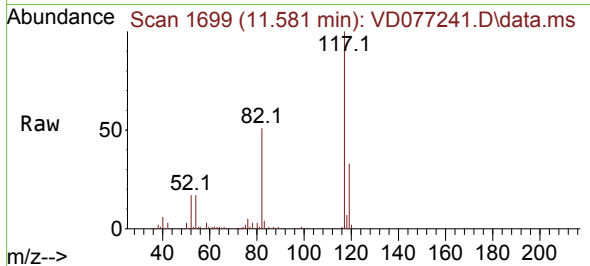




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077241.D
Acq: 28 Sep 2023 20:35

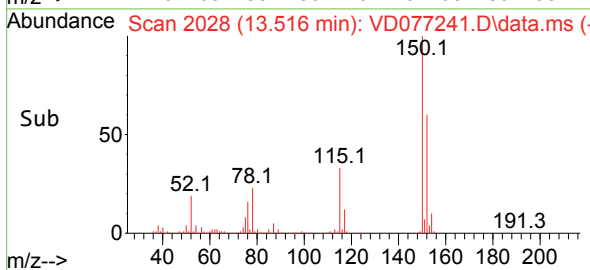
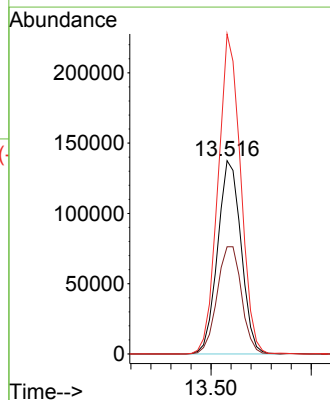
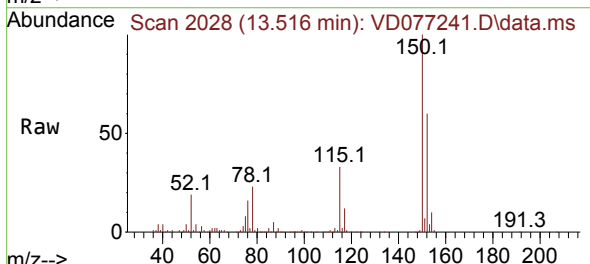
Instrument :
MSVOA_D
ClientSampleId :

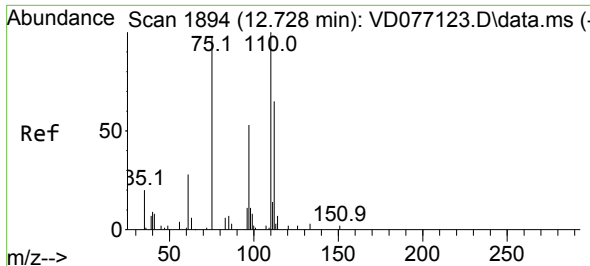
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.3	38.3	57.5
119	33.2	25.0	37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077241.D
Acq: 28 Sep 2023 20:35

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	27.1	81.3
150	159.2	0.0	353.6

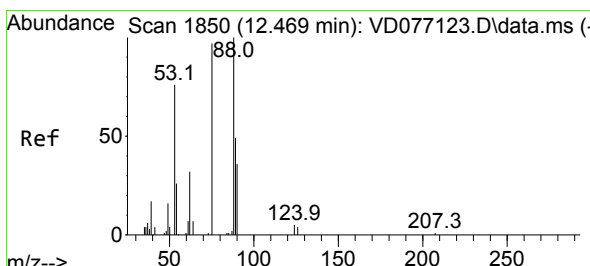
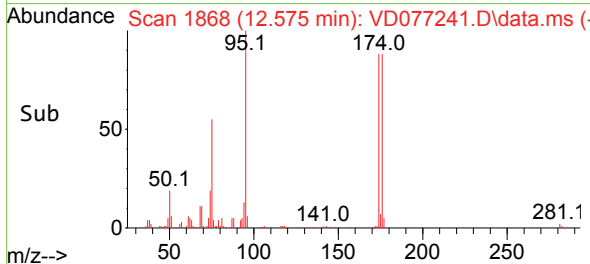
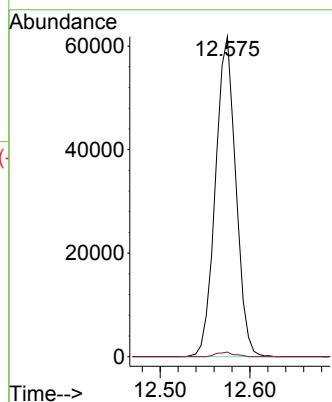
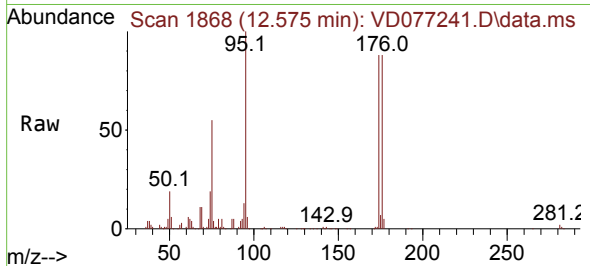




#76
1,2,3-Trichloropropane
Concen: 54.699 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD077241.D
Acq: 28 Sep 2023 20:35

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 97473
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 103.533 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD077241.D
Acq: 28 Sep 2023 20:35

Tgt Ion: 75 Resp: 97473
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

