

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077370.D
 Acq On : 20 Oct 2023 17:46
 Operator : JC/SY
 Sample : 04976-02
 Misc : 5.12G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 21 05:31:38 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)

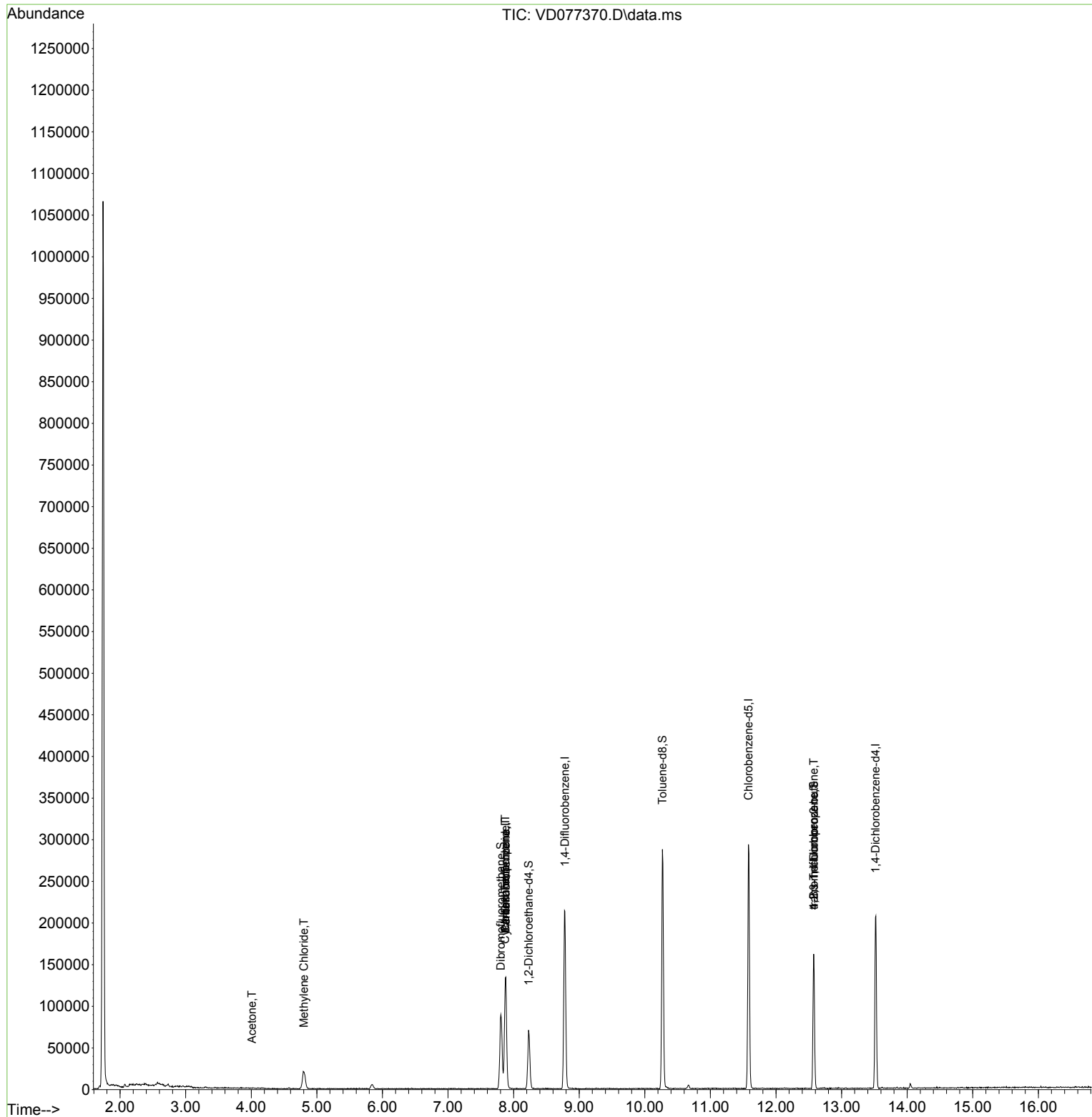
Internal Standards						
1) Pentafluorobenzene	7.881	168	105987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	202825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	183467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61395	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	51833	54.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.540%	
35) Dibromofluoromethane	7.805	113	67427	47.319	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 94.640%	
50) Toluene-d8	10.269	98	209284	41.011	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 82.020%	
62) 4-Bromofluorobenzene	12.575	95	46735	31.815	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 63.620%	
Target Compounds						
					Qvalue	
16) Acetone	4.011	43	283	1.364	ug/l #	32
20) Methylene Chloride	4.805	84	18412	10.931	ug/l #	90
31) Cyclohexane	7.869	56	2375	1.613	ug/l #	4
36) 1,1-Dichloropropene	7.875	75	8659	4.625	ug/l #	46
38) Carbon Tetrachloride	7.875	117	10945	5.255	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	22131	27.837	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	22131	96.589	ug/l #	17

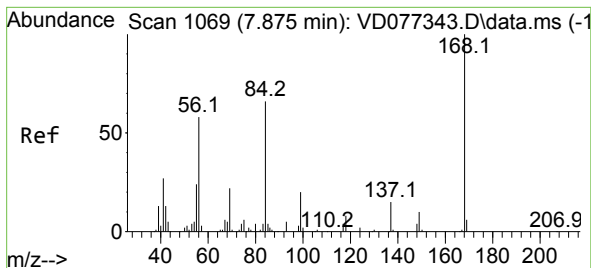
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 10

Delta R.T. 0.006 min

Lab File: VD077370.D

Acq: 20 Oct 2023 17:46

Instrument :

MSVOA_D

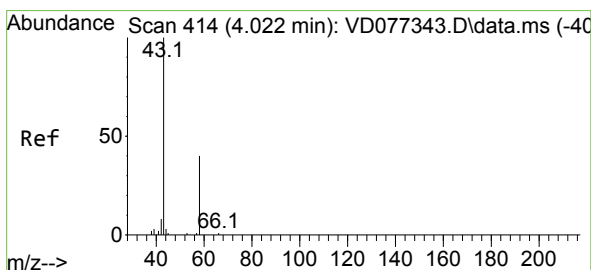
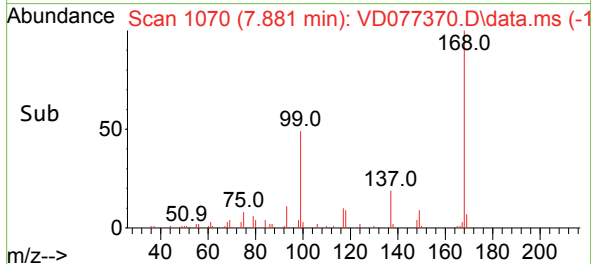
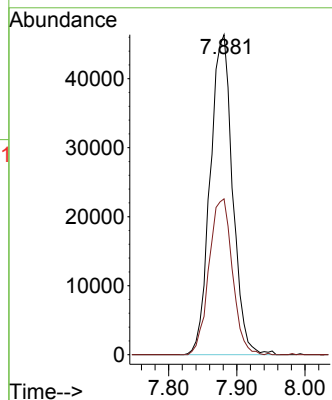
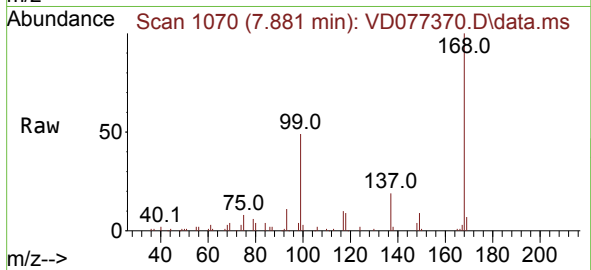
ClientSampleId :

Tgt Ion:168 Resp: 105987

Ion Ratio Lower Upper

168 100

99 48.7 36.7 55.1



#16

Acetone

Concen: 1.364 ug/l

RT: 4.011 min Scan# 412

Delta R.T. -0.011 min

Lab File: VD077370.D

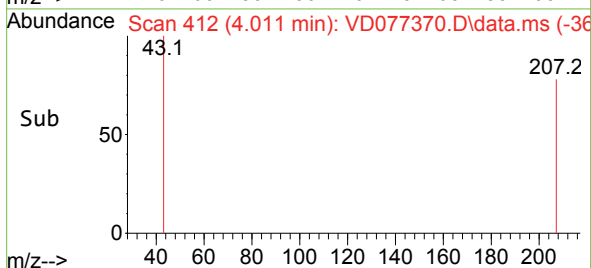
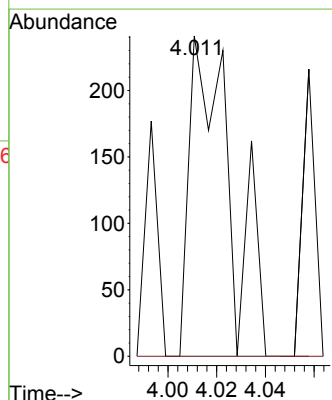
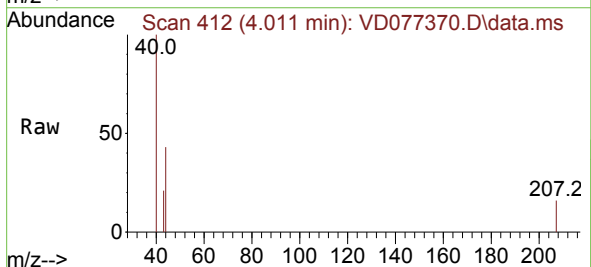
Acq: 20 Oct 2023 17:46

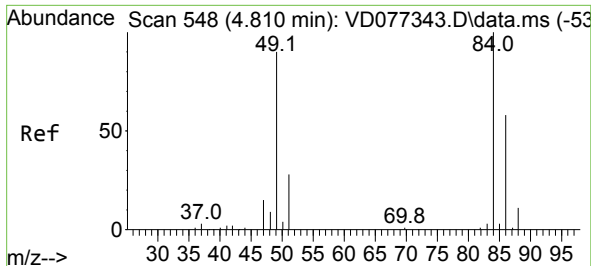
Tgt Ion: 43 Resp: 283

Ion Ratio Lower Upper

43 100

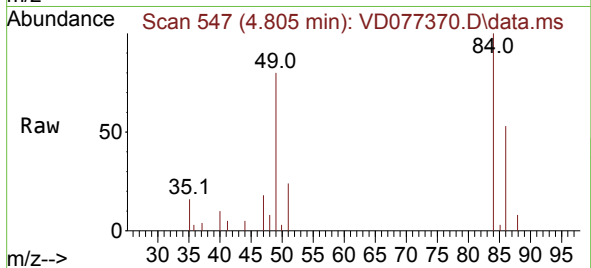
58 0.0 34.7 52.1#



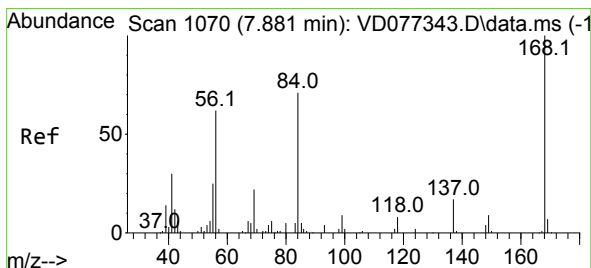
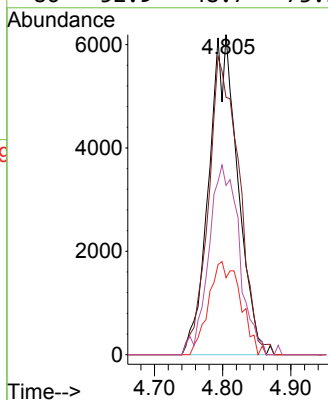
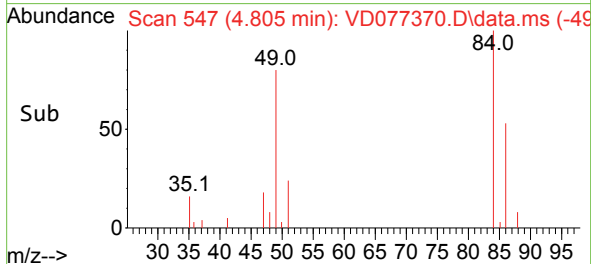


#20
Methylene Chloride
Concen: 10.931 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD077370.D
Acq: 20 Oct 2023 17:46

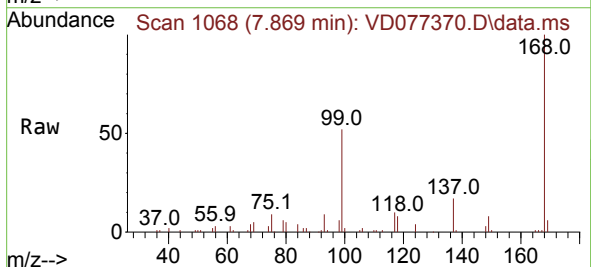
Instrument :
MSVOA_D
ClientSampleId :



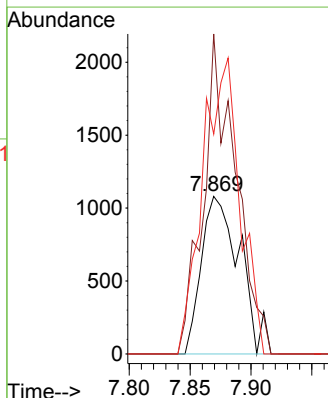
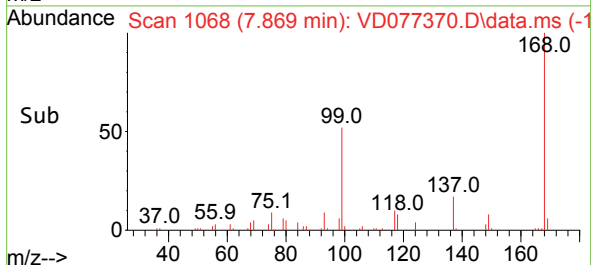
Tgt Ion: 84 Resp: 18412
Ion Ratio Lower Upper
84 100
49 80.4 71.4 107.2
51 24.0 24.5 36.7#
86 52.9 48.7 73.1

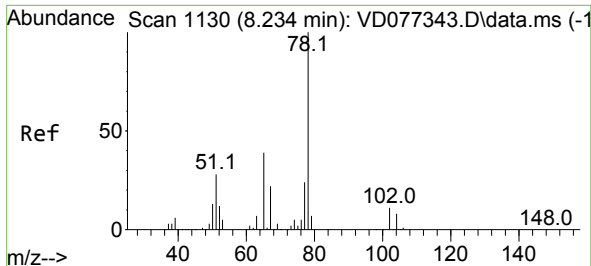


#31
Cyclohexane
Concen: 1.613 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.012 min
Lab File: VD077370.D
Acq: 20 Oct 2023 17:46



Tgt Ion: 56 Resp: 2375
Ion Ratio Lower Upper
56 100
69 203.0 28.6 43.0#
84 139.4 84.8 127.2#





#33

1,2-Dichloroethane-d4

Concen: 54.768 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077370.D

Acq: 20 Oct 2023 17:46

Instrument :

MSVOA_D

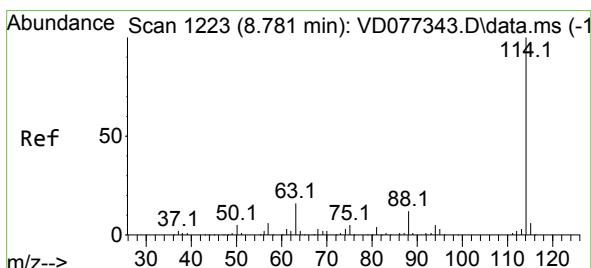
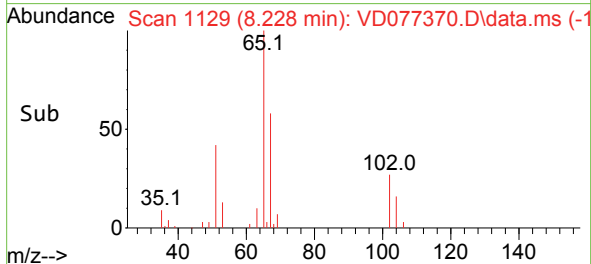
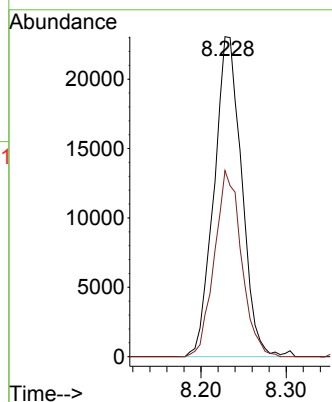
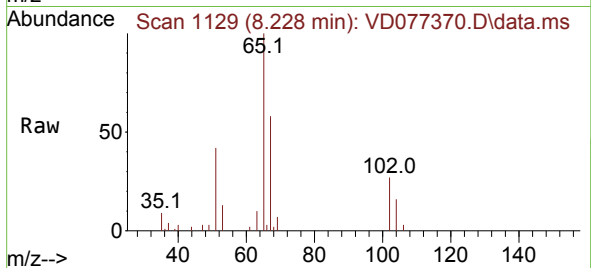
ClientSampleId :

Tgt Ion: 65 Resp: 51833

Ion Ratio Lower Upper

65 100

67 57.0 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: VD077370.D

Acq: 20 Oct 2023 17:46

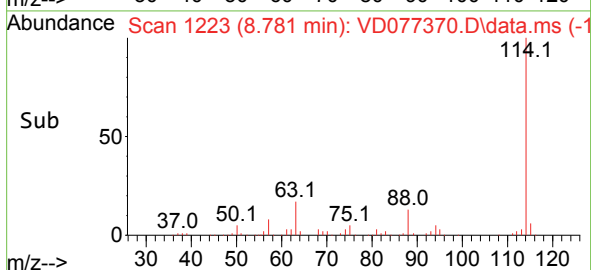
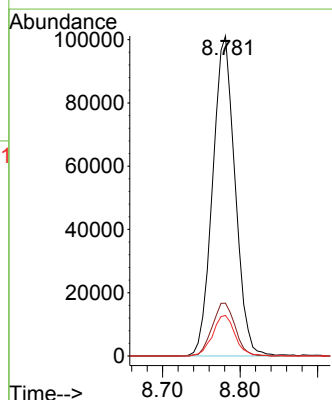
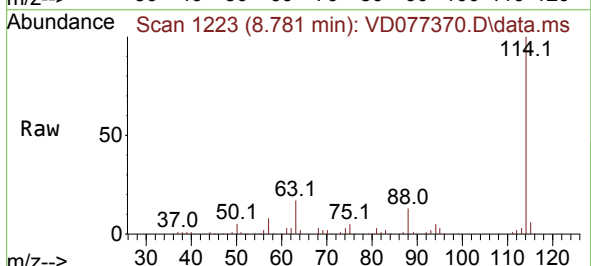
Tgt Ion:114 Resp: 202825

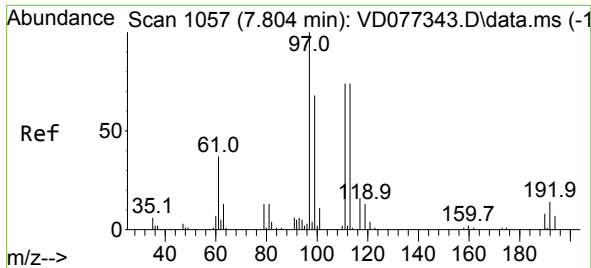
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

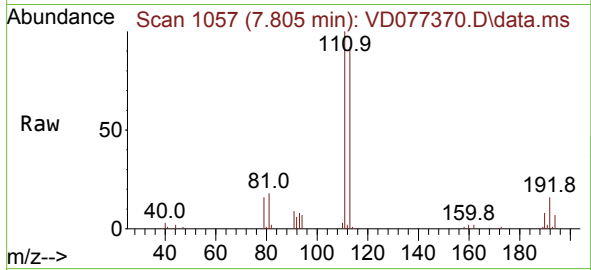
88 12.6 0.0 26.2



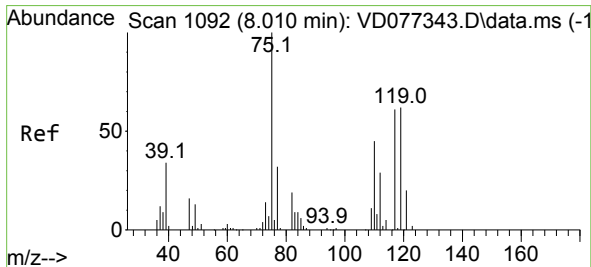
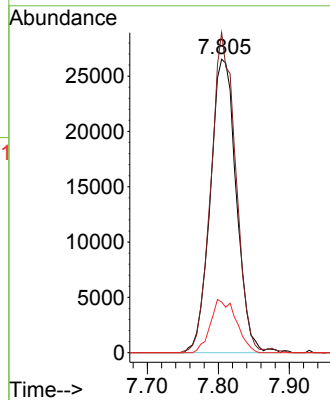
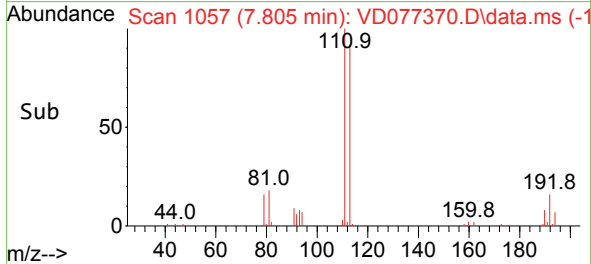


#35
Dibromofluoromethane
Concen: 47.319 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD077370.D
Acq: 20 Oct 2023 17:46

Instrument :
MSVOA_D
ClientSampleId :

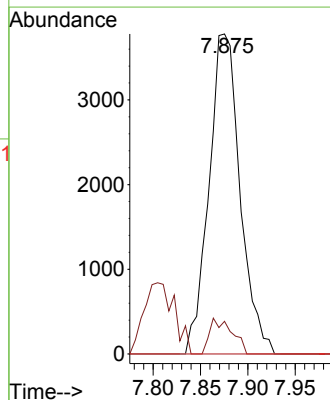
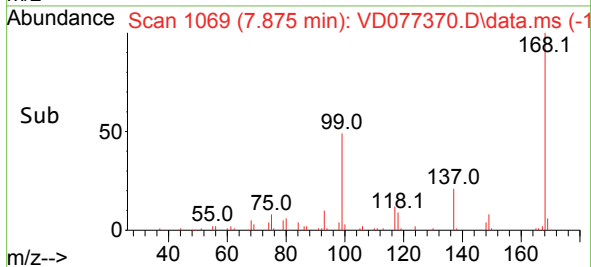
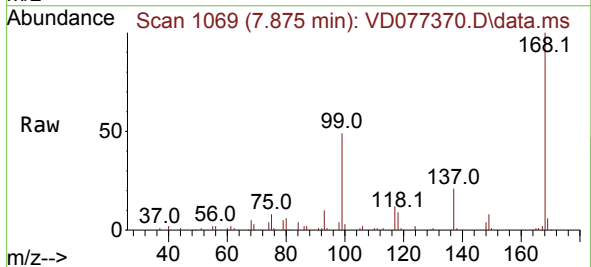


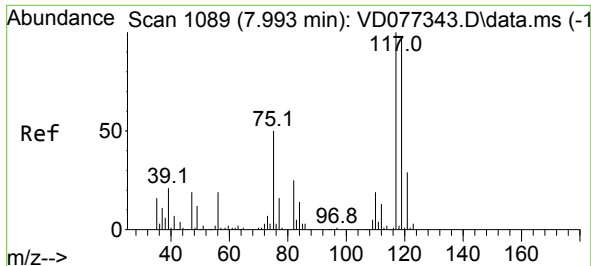
Tgt Ion:113 Resp: 67427
Ion Ratio Lower Upper
113 100
111 103.5 84.7 127.1
192 18.0 16.8 25.2



#36
1,1-Dichloropropene
Concen: 4.625 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD077370.D
Acq: 20 Oct 2023 17:46

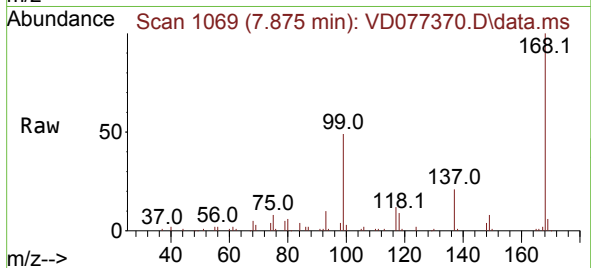
Tgt Ion: 75 Resp: 8659
Ion Ratio Lower Upper
75 100
110 8.0 19.9 59.6#
77 0.0 24.7 37.1#



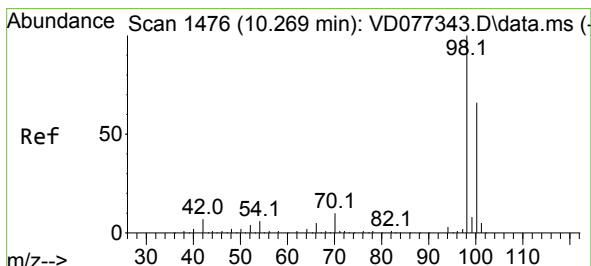
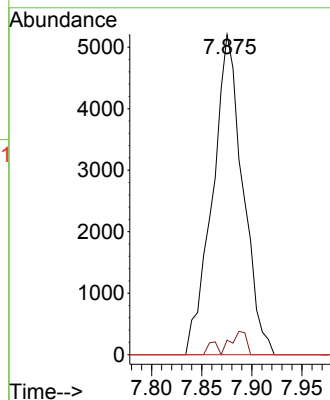
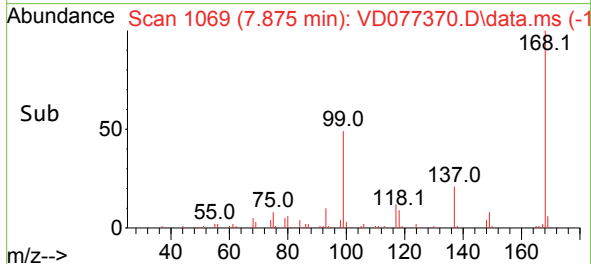


#38
Carbon Tetrachloride
Concen: 5.255 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD077370.D
Acq: 20 Oct 2023 17:46

Instrument :
MSVOA_D
ClientSampleId :

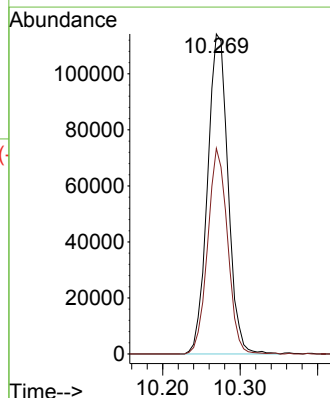
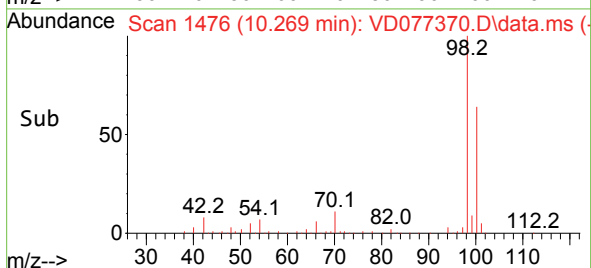
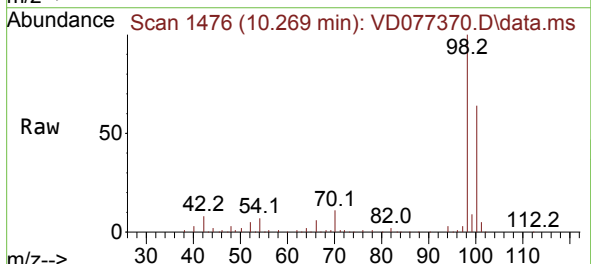


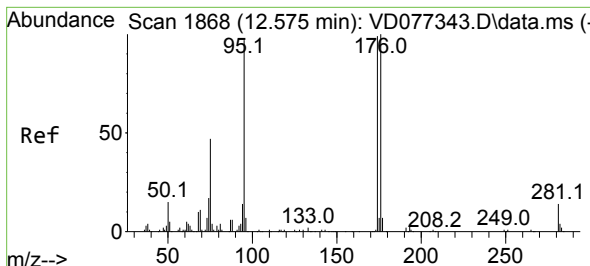
Tgt Ion:117 Resp: 10945
Ion Ratio Lower Upper
117 100
119 4.5 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 41.011 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077370.D
Acq: 20 Oct 2023 17:46

Tgt Ion: 98 Resp: 209284
Ion Ratio Lower Upper
98 100
100 62.2 50.3 75.5

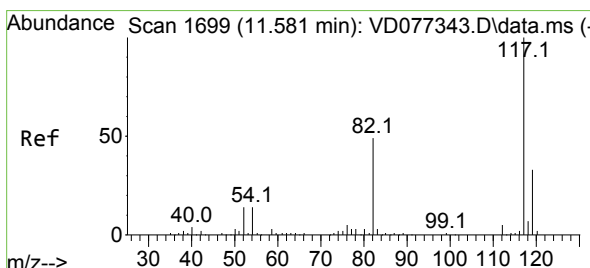
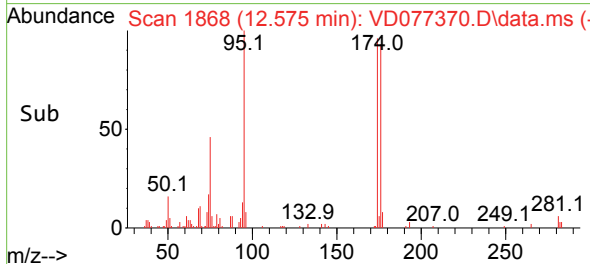
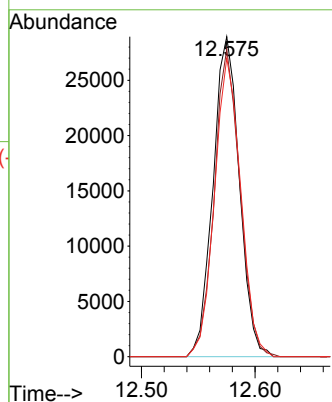
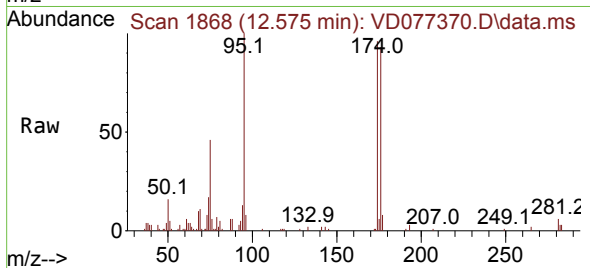




#62
4-Bromofluorobenzene
Concen: 31.815 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077370.D
Acq: 20 Oct 2023 17:46

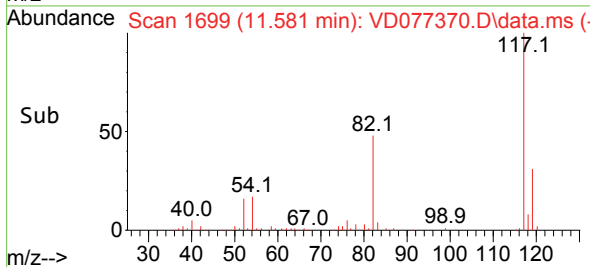
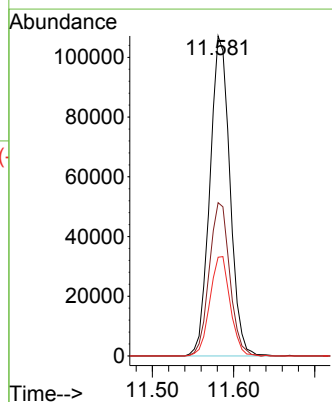
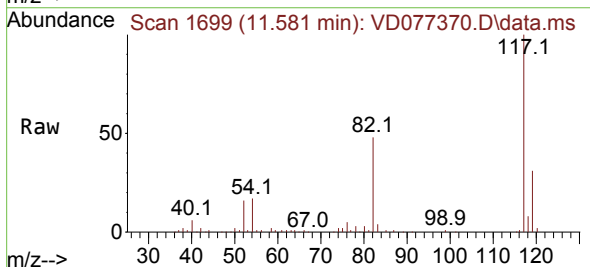
Instrument :
MSVOA_D
ClientSampleId :

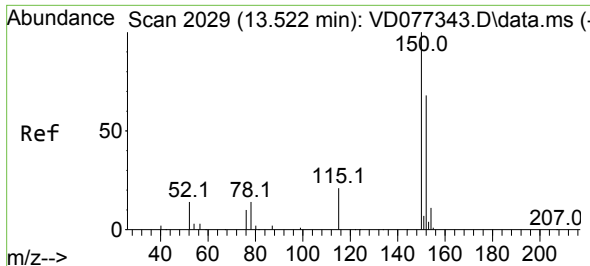
Tgt Ion:	95	Resp:	46735
Ion Ratio	Lower	Upper	
95	100		
174	93.5	0.0	201.8
176	92.7	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077370.D
Acq: 20 Oct 2023 17:46

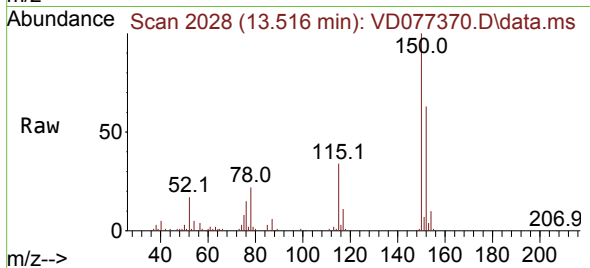
Tgt Ion:	117	Resp:	183467
Ion Ratio	Lower	Upper	
117	100		
82	47.9	38.3	57.5
119	30.9	25.0	37.4



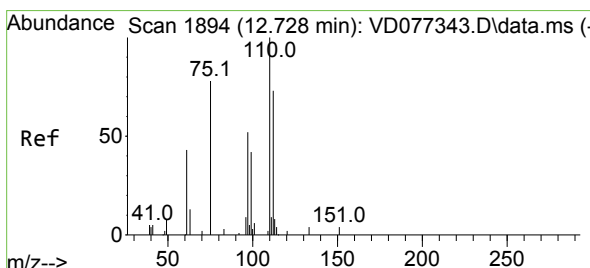
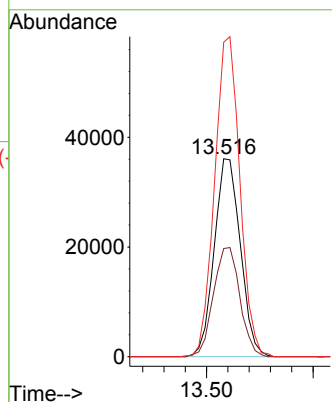
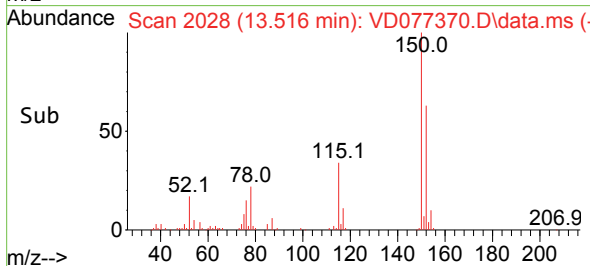


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077370.D
 Acq: 20 Oct 2023 17:46

Instrument :
 MSVOA_D
 ClientSampleId :

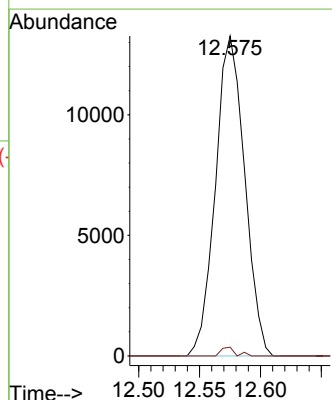
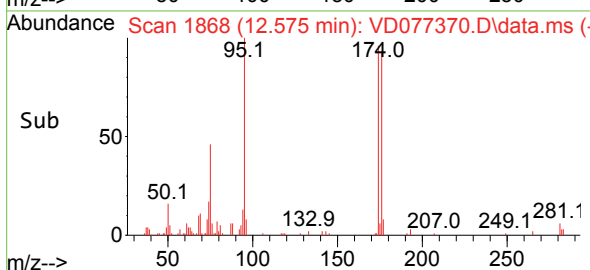
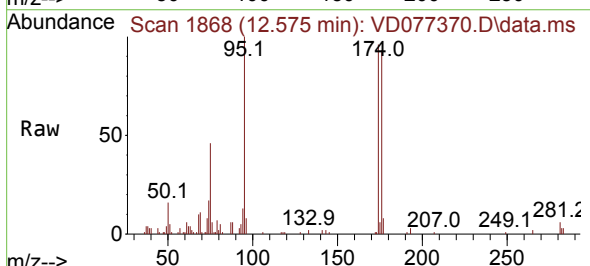


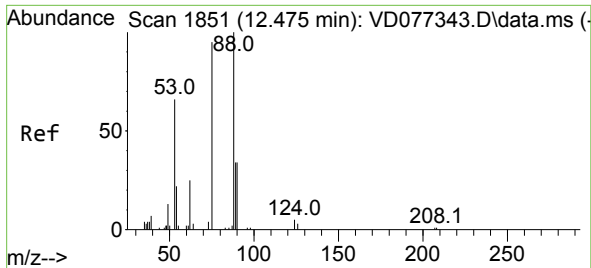
Tgt Ion:152 Resp: 61395
 Ion Ratio Lower Upper
 152 100
 115 55.7 27.1 81.3
 150 156.4 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 27.837 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD077370.D
 Acq: 20 Oct 2023 17:46

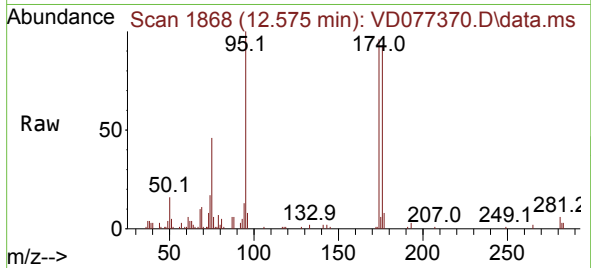
Tgt Ion: 75 Resp: 22131
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.589 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD077370.D
 Acq: 20 Oct 2023 17:46

Instrument :
 MSVOA_D
 ClientSampleId :



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

