

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078228.D
 Acq On : 24 Jan 2024 17:32
 Operator : RP/MD
 Sample : P1235-02
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 140

Quant Time: Jan 25 00:29:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

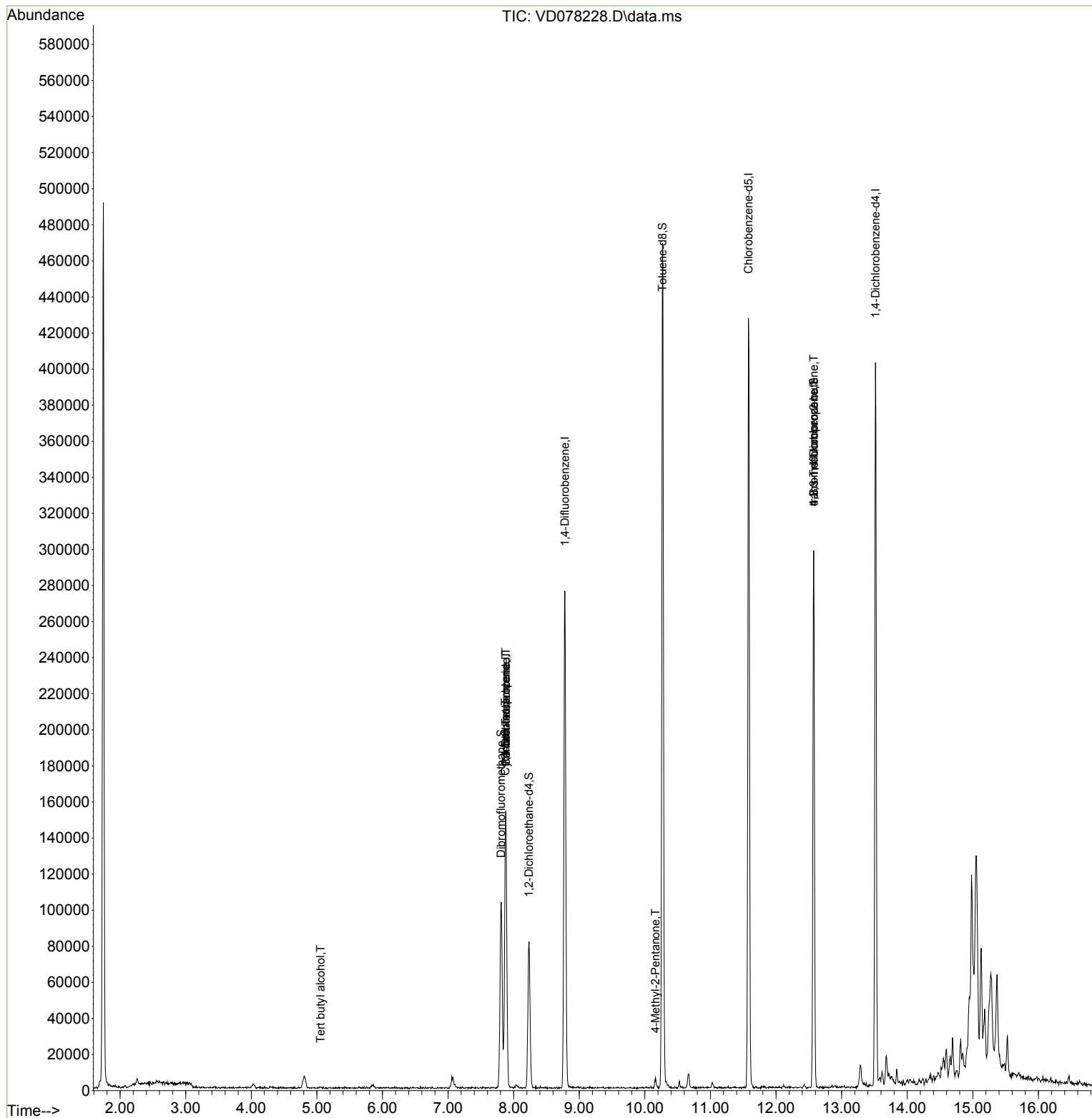
Internal Standards						
1) Pentafluorobenzene	7.881	168	113800	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	245106	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	244549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	99269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	63238	48.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.360%
35) Dibromofluoromethane	7.810	113	76258	47.273	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.540%
50) Toluene-d8	10.269	98	321288	50.300	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.600%
62) 4-Bromofluorobenzene	12.575	95	93219	50.325	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.640%
Target Compounds						
					Qvalue	
3) Chloromethane	2.158	50	184	Below Cal	#	41
11) Tert butyl alcohol	5.057	59	229	3.581	ug/l #	73
16) Acetone	4.028	43	3897	Below Cal		87
20) Methylene Chloride	4.804	84	5648	Below Cal	#	92
25) 2-Butanone	7.087	43	483	Below Cal	#	37
31) Cyclohexane	7.875	56	3023	1.259	ug/l #	40
36) 1,1-Dichloropropene	7.881	75	10024	3.779	ug/l #	48
38) Carbon Tetrachloride	7.881	117	12707	4.850	ug/l #	19
51) 4-Methyl-2-Pentanone	10.163	43	3314	3.486	ug/l	91
76) 1,2,3-Trichloropropane	12.575	75	50153	52.675	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	50153	113.465	ug/l #	17

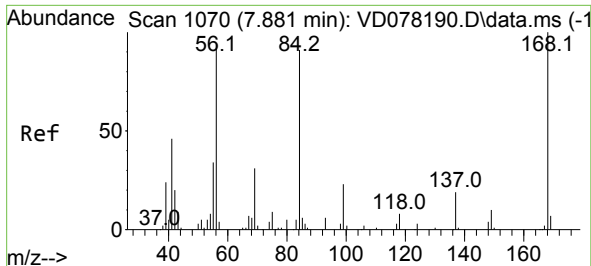
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
Data File : VD078228.D
Acq On : 24 Jan 2024 17:32
Operator : RP/MD
Sample : P1235-02
Misc : 5.02G/5.0ml/MSVOA_D/SOIL/A
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
140

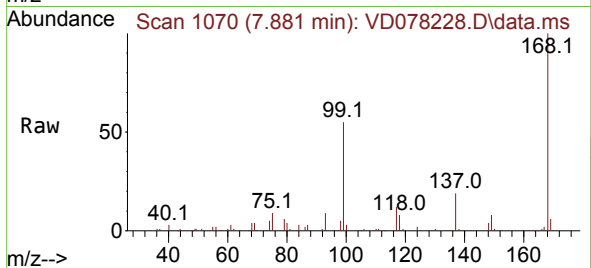
Quant Time: Jan 25 00:29:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration



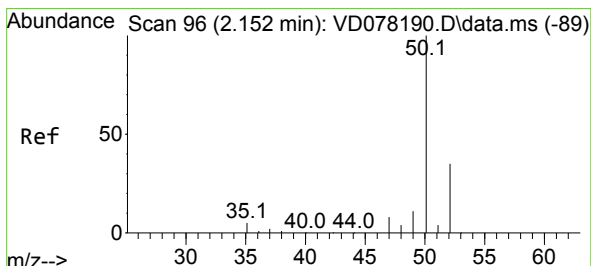
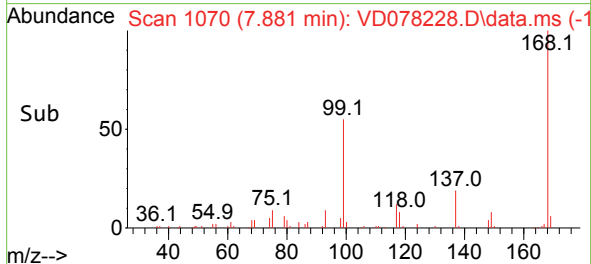
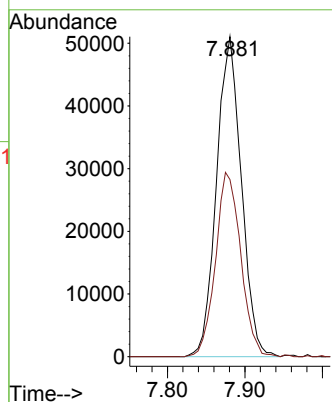


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

Instrument :
MSVOA_D
ClientSampleId :
140

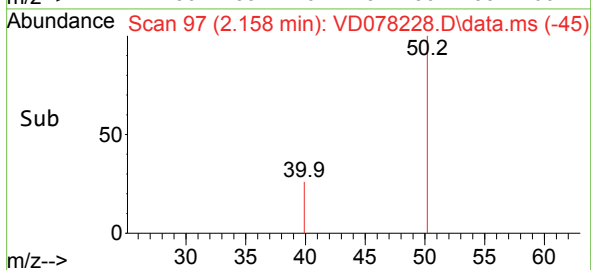
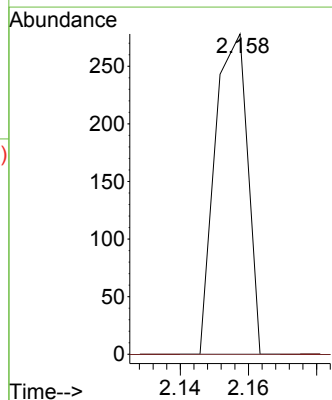
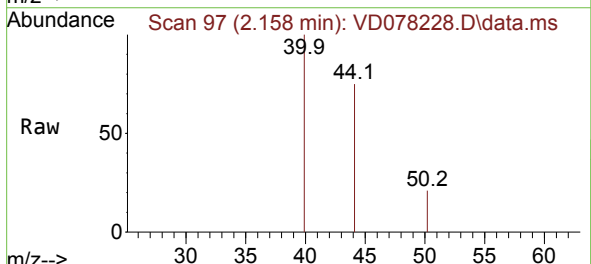


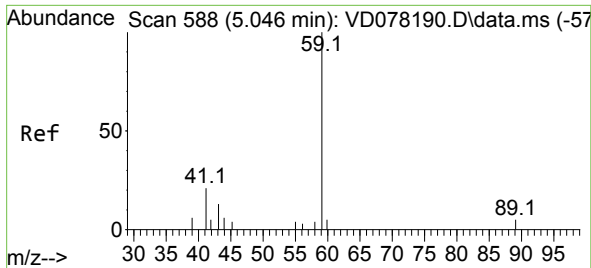
Tgt Ion:168 Resp: 113800
Ion Ratio Lower Upper
168 100
99 55.4 36.7 55.1#



#3
Chloromethane
Concen: Below Cal
RT: 2.158 min Scan# 97
Delta R.T. 0.006 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

Tgt Ion: 50 Resp: 184
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#





#11

Tert butyl alcohol

Concen: 3.581 ug/l

RT: 5.057 min Scan# 59

Delta R.T. 0.012 min

Lab File: VD078228.D

Acq: 24 Jan 2024 17:32

Instrument :

MSVOA_D

ClientSampleId :

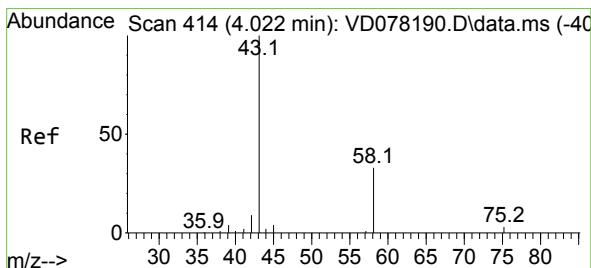
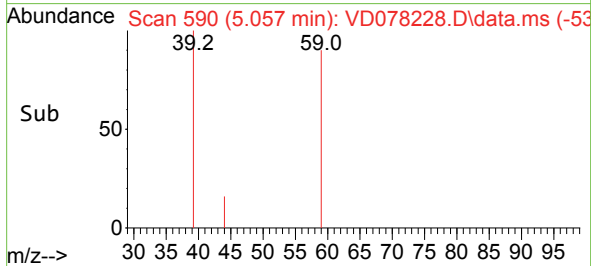
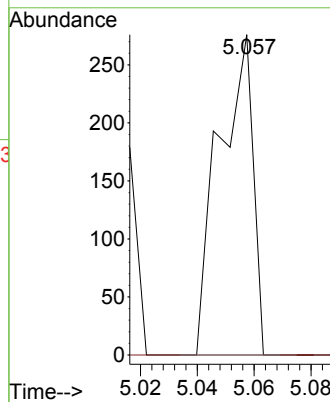
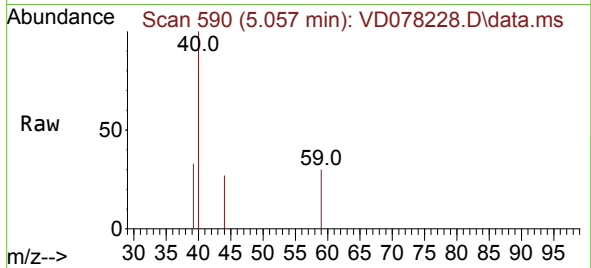
140

Tgt Ion: 59 Resp: 229

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: Below Cal

RT: 4.028 min Scan# 415

Delta R.T. 0.006 min

Lab File: VD078228.D

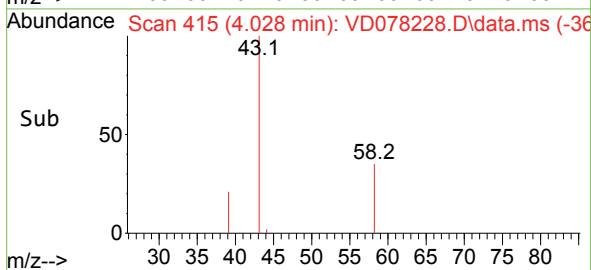
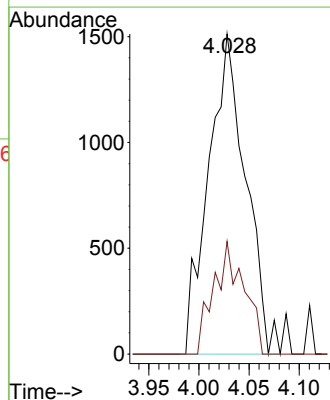
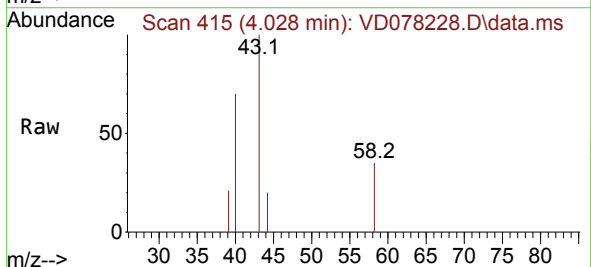
Acq: 24 Jan 2024 17:32

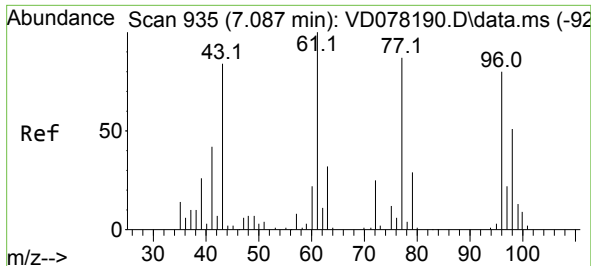
Tgt Ion: 43 Resp: 3897

Ion Ratio Lower Upper

43 100

58 35.2 34.7 52.1

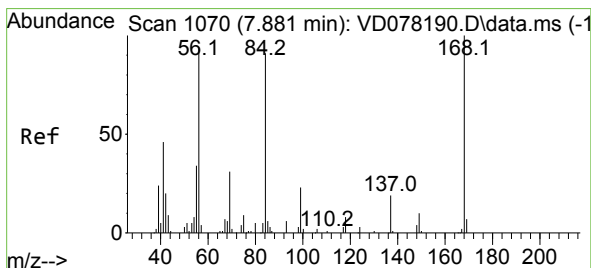
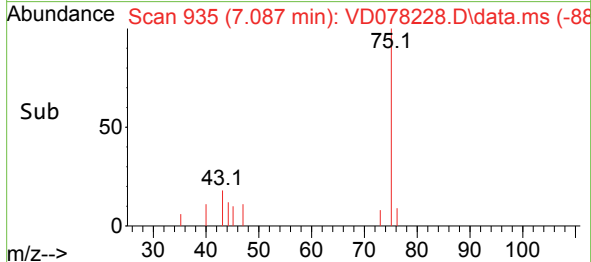
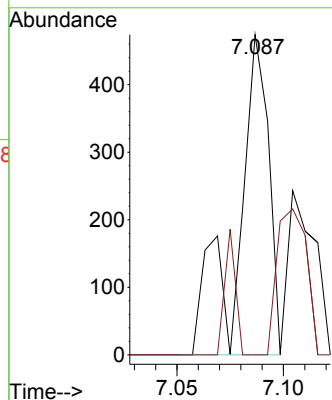
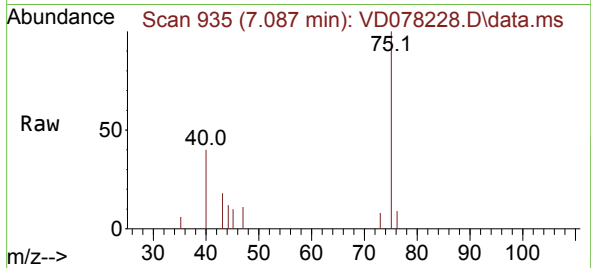




#25
2-Butanone
Concen: Below Cal
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

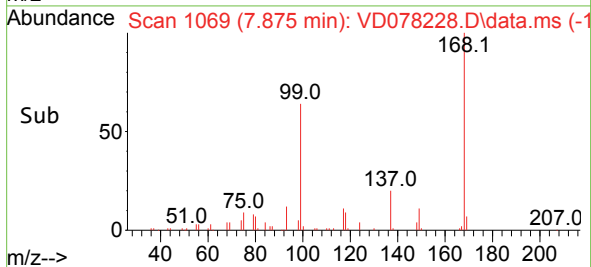
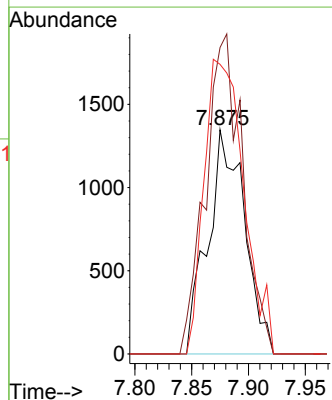
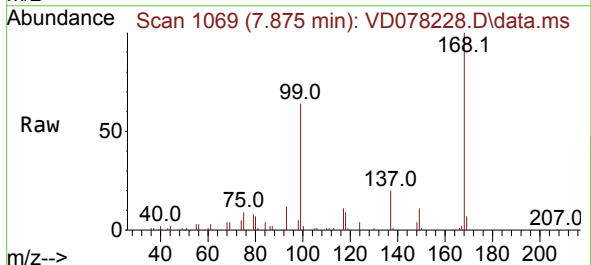
Instrument :
MSVOA_D
ClientSampleId :
140

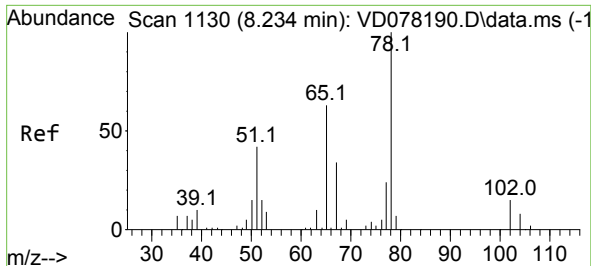
Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
72 0.0 30.7 46.1#



#31
Cyclohexane
Concen: 1.259 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

Tgt Ion: 56 Resp: 3023
Ion Ratio Lower Upper
56 100
69 136.7 28.6 43.0#
84 129.2 84.8 127.2#

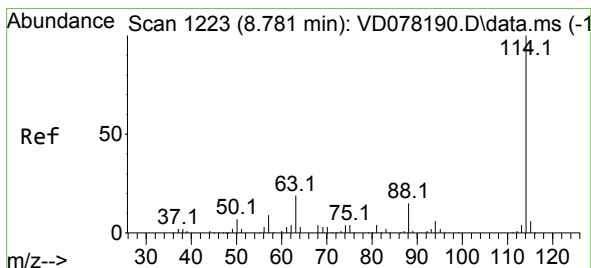
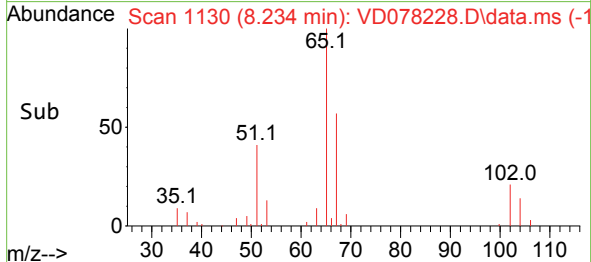
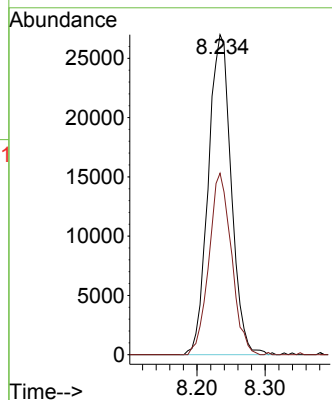
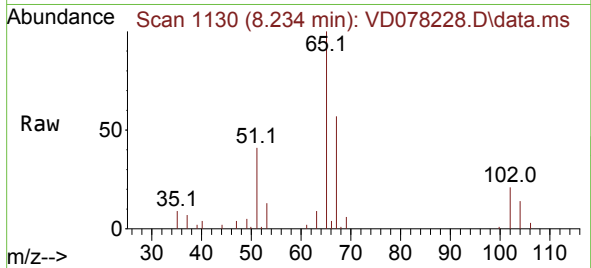




#33
 1,2-Dichloroethane-d4
 Concen: 48.677 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VD078228.D
 Acq: 24 Jan 2024 17:32

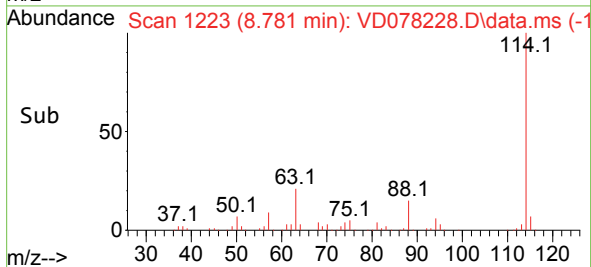
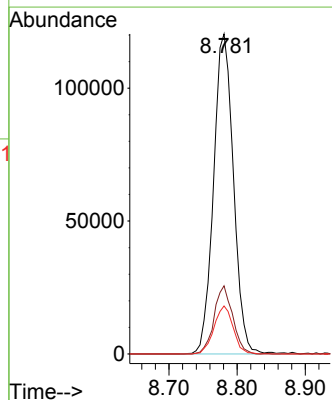
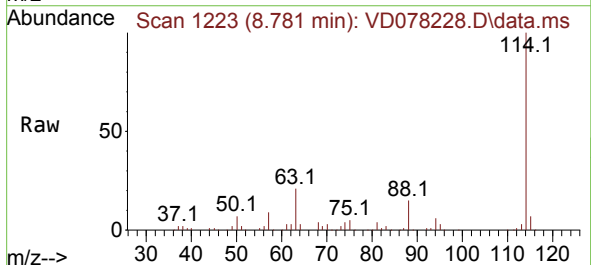
Instrument :
 MSVOA_D
 ClientSampleId :
 140

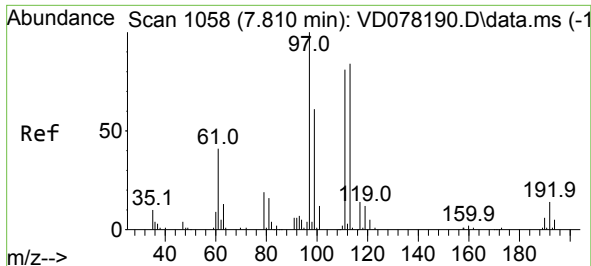
Tgt Ion: 65 Resp: 63238
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: VD078228.D
 Acq: 24 Jan 2024 17:32

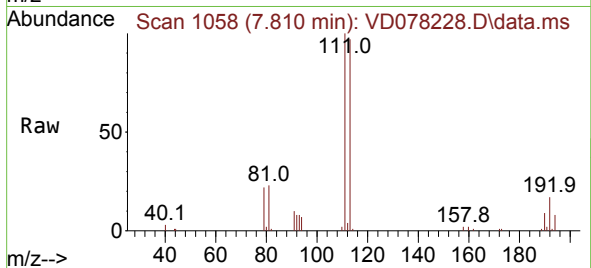
Tgt Ion:114 Resp: 245106
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 33.4
 88 15.0 0.0 26.2



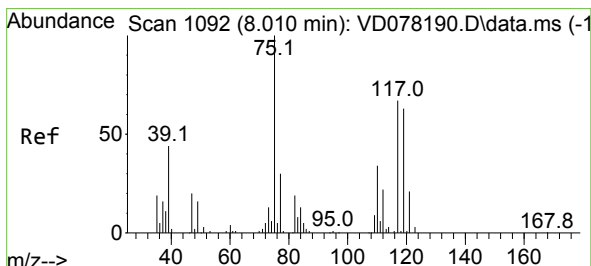
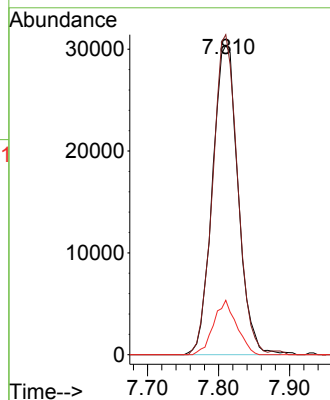
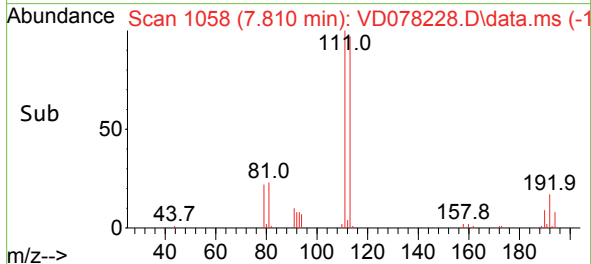


#35
Dibromofluoromethane
Concen: 47.273 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

Instrument :
MSVOA_D
ClientSampleId :
140

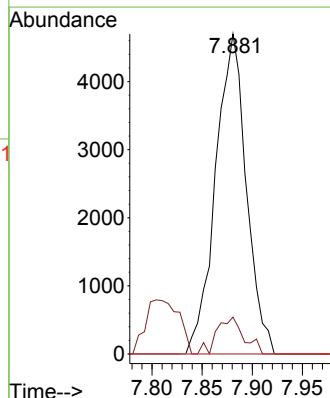
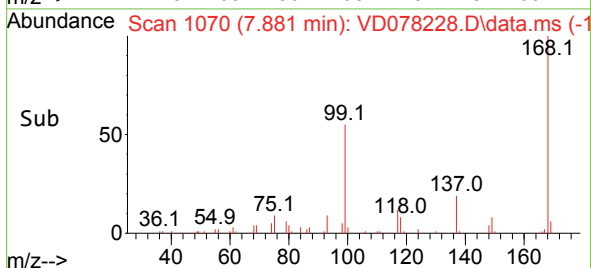
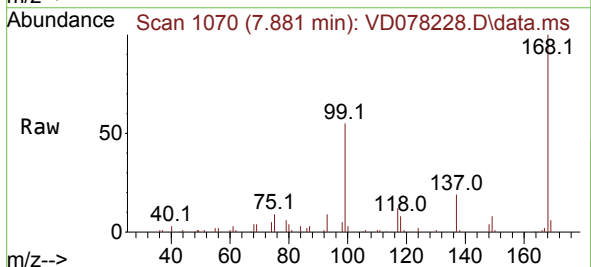


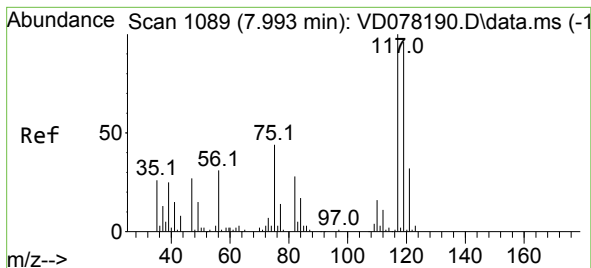
Tgt Ion:113 Resp: 76258
Ion Ratio Lower Upper
113 100
111 100.1 84.7 127.1
192 15.8 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 3.779 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.130 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

Tgt Ion: 75 Resp: 10024
Ion Ratio Lower Upper
75 100
110 10.1 19.9 59.6#
77 0.0 24.7 37.1#





#38

Carbon Tetrachloride

Concen: 4.850 ug/l

RT: 7.881 min Scan# 1

Delta R.T. -0.112 min

Lab File: VD078228.D

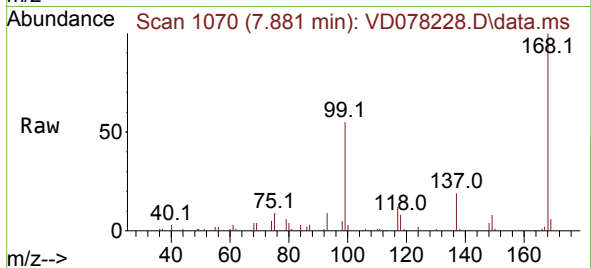
Acq: 24 Jan 2024 17:32

Instrument :

MSVOA_D

ClientSampleId :

140



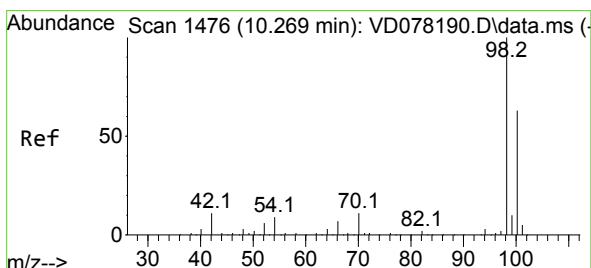
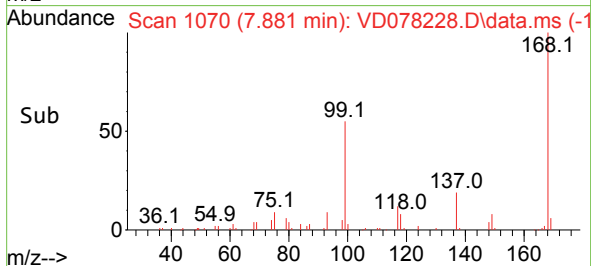
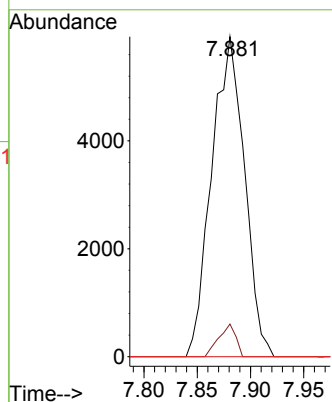
Tgt Ion:117 Resp: 12707

Ion Ratio Lower Upper

117 100

119 10.2 78.0 117.0#

121 0.0 24.2 36.2#



#50

Toluene-d8

Concen: 50.300 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078228.D

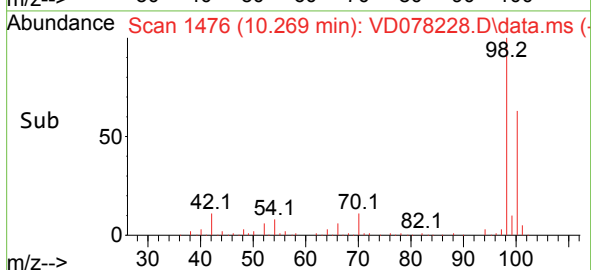
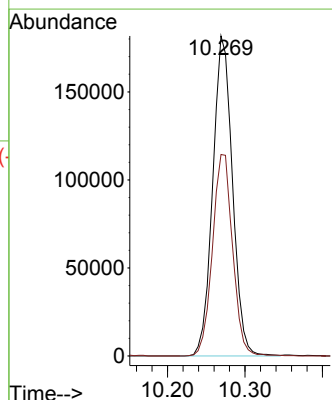
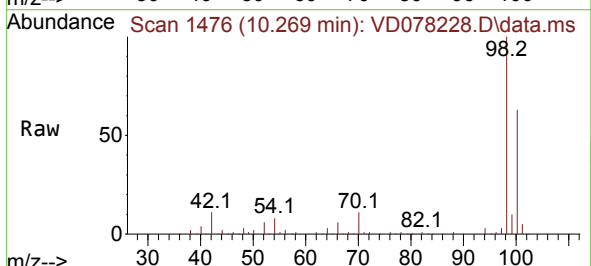
Acq: 24 Jan 2024 17:32

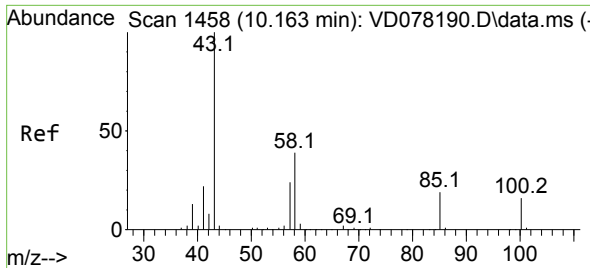
Tgt Ion: 98 Resp: 321288

Ion Ratio Lower Upper

98 100

100 64.3 50.3 75.5

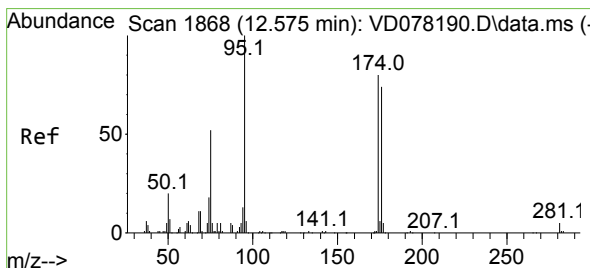
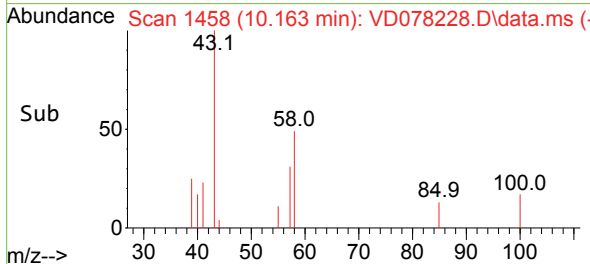
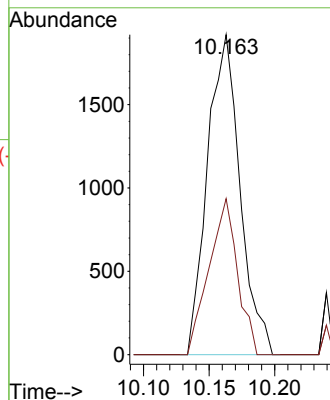
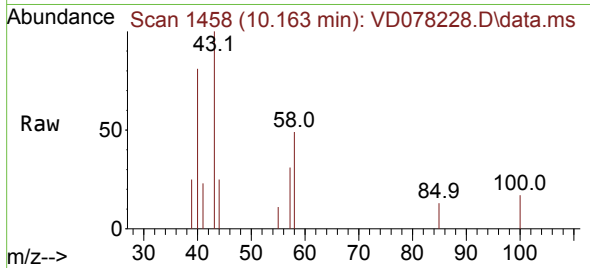




#51
4-Methyl-2-Pentanone
Concen: 3.486 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

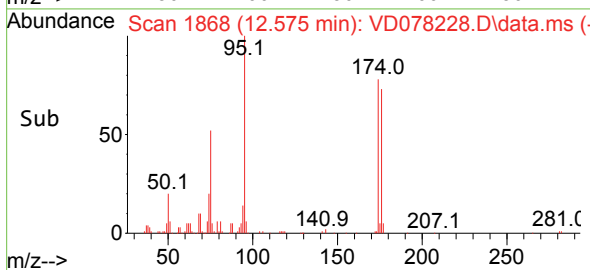
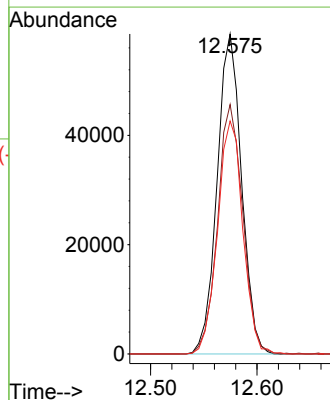
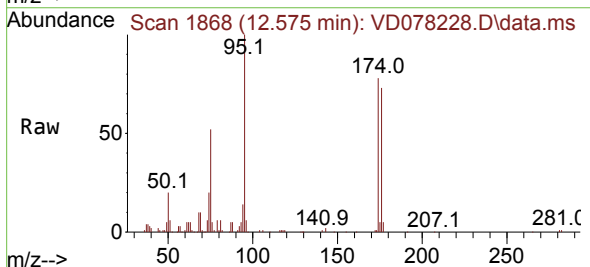
Instrument :
MSVOA_D
ClientSampleId :
140

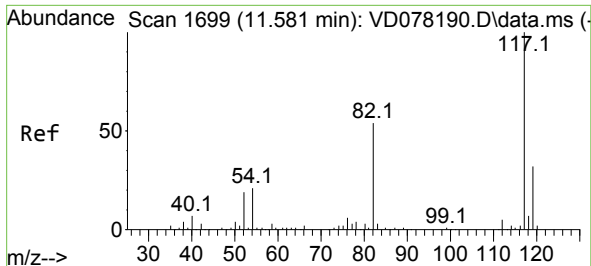
Tgt Ion: 43 Resp: 3314
Ion Ratio Lower Upper
43 100
58 42.6 38.9 58.3



#62
4-Bromofluorobenzene
Concen: 50.325 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

Tgt Ion: 95 Resp: 93219
Ion Ratio Lower Upper
95 100
174 80.1 0.0 201.8
176 75.4 0.0 191.8

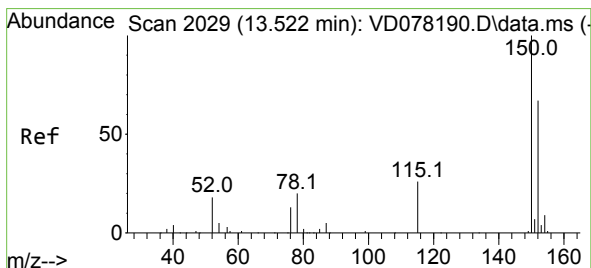
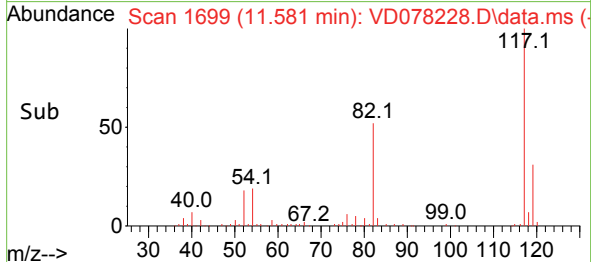
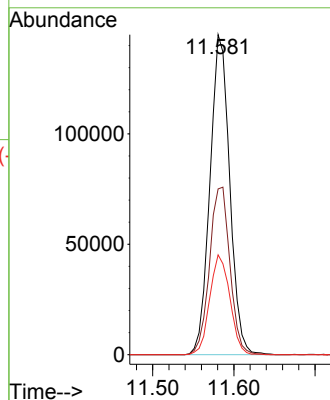
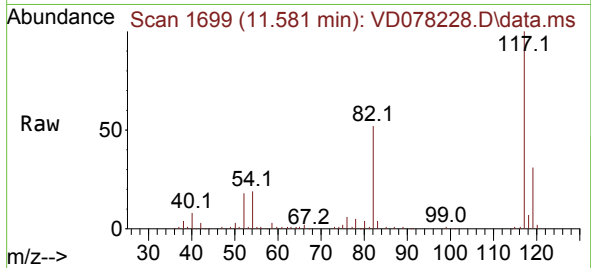




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

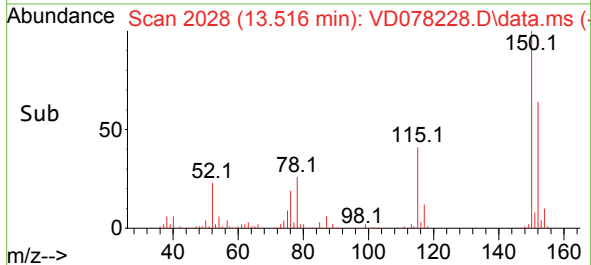
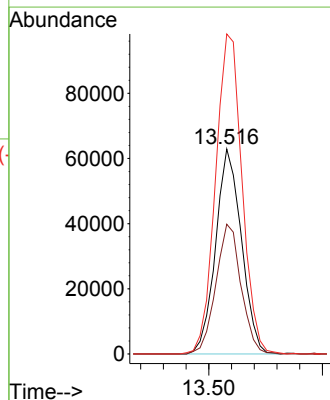
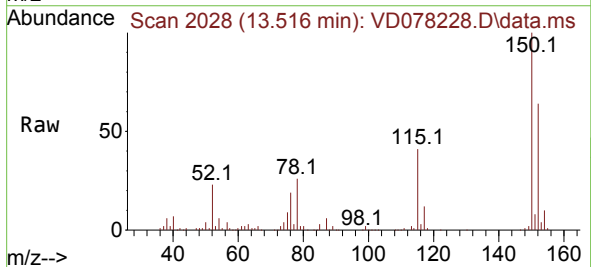
Instrument :
MSVOA_D
ClientSampleId :
140

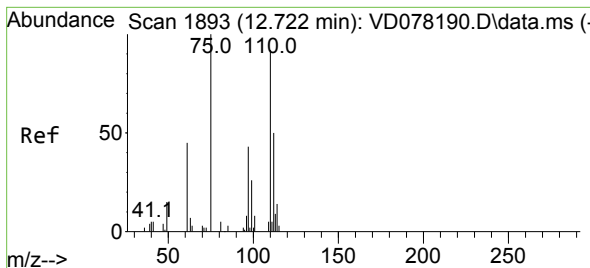
Tgt Ion:117 Resp: 244549
Ion Ratio Lower Upper
117 100
82 51.8 38.3 57.5
119 31.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078228.D
Acq: 24 Jan 2024 17:32

Tgt Ion:152 Resp: 99269
Ion Ratio Lower Upper
152 100
115 61.9 27.1 81.3
150 160.4 0.0 353.6





#76

1,2,3-Trichloropropane

Concen: 52.675 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD078228.D

Acq: 24 Jan 2024 17:32

Instrument :

MSVOA_D

ClientSampleId :

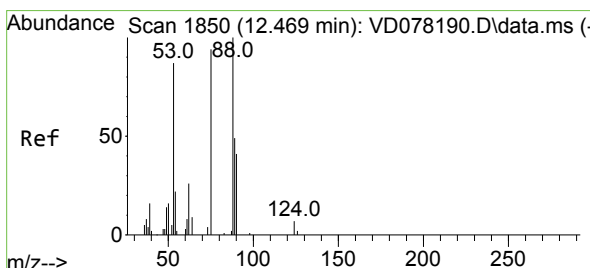
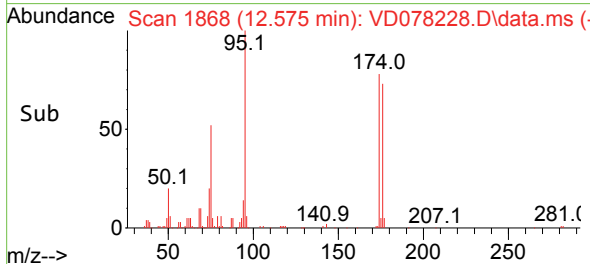
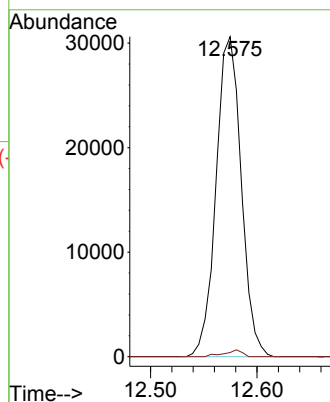
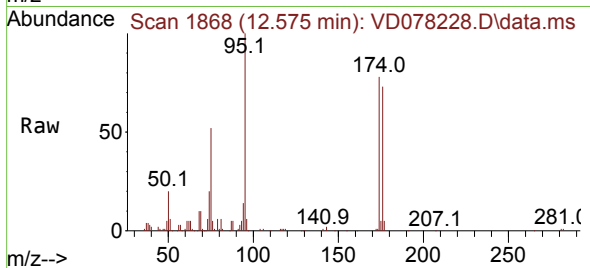
140

Tgt Ion: 75 Resp: 50153

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 113.465 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD078228.D

Acq: 24 Jan 2024 17:32

Tgt Ion: 75 Resp: 50153

Ion Ratio Lower Upper

75 100

53 0.0 63.0 94.4#

89 0.0 37.9 56.9#

