

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070924\
 Data File : VD079366.D
 Acq On : 09 Jul 2024 17:26
 Operator : RP/MD
 Sample : P3170-01
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 10 03:05:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

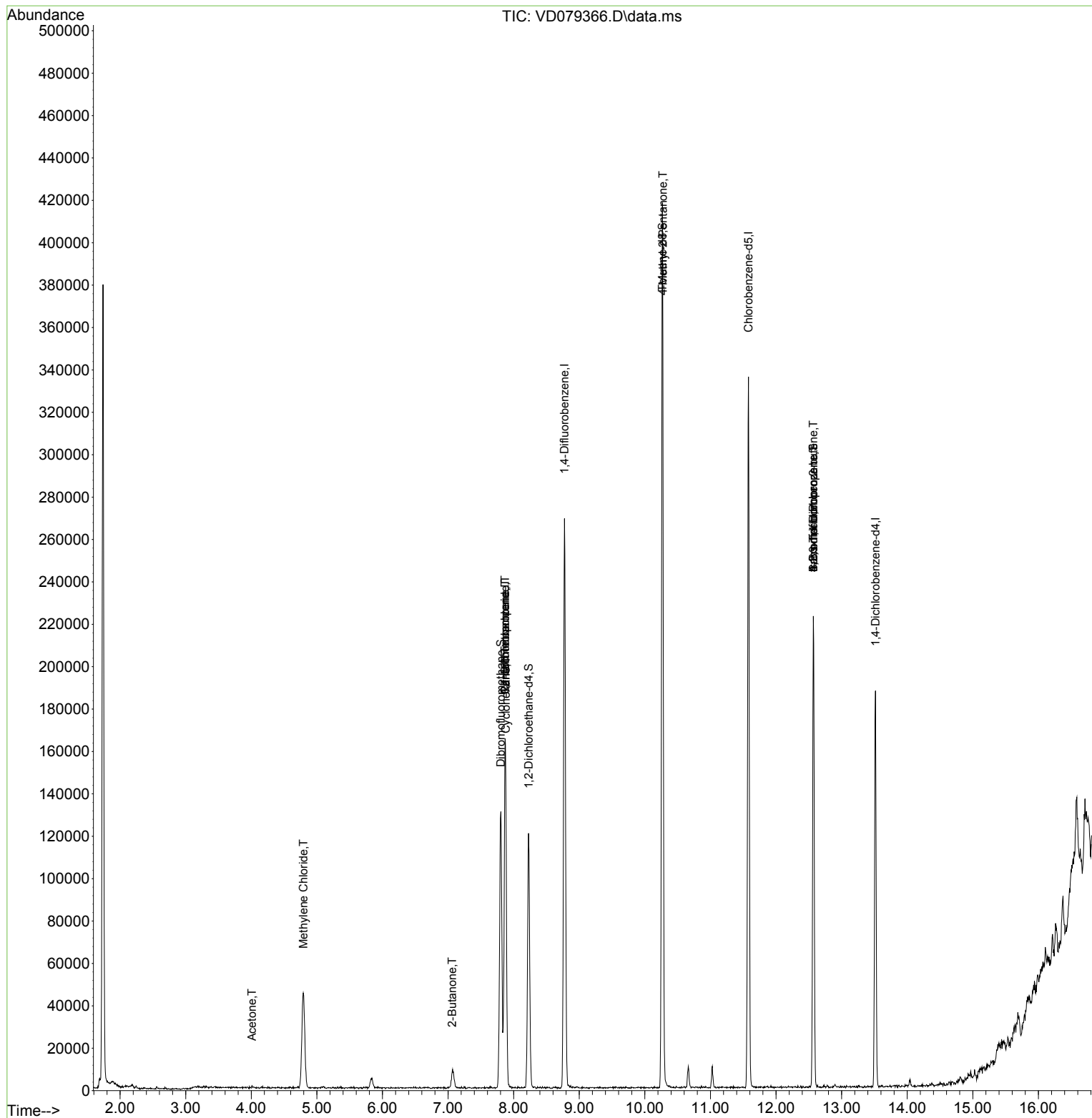
Internal Standards						
1) Pentafluorobenzene	7.869	168	122584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	247390	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	200243	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	50660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	91524	63.357	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.720%	
35) Dibromofluoromethane	7.804	113	101854	58.360	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.720%	
50) Toluene-d8	10.269	98	298395	44.353	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.700%	
62) 4-Bromofluorobenzene	12.569	95	74580	35.666	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 71.340%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.681	94	232	Below Cal		92
16) Acetone	4.010	43	511	1.860	ug/l	90
20) Methylene Chloride	4.793	84	38513	11.206	ug/l	98
25) 2-Butanone	7.063	43	444	1.138	ug/l #	42
31) Cyclohexane	7.881	56	2630	1.204	ug/l #	37
36) 1,1-Dichloropropene	7.869	75	11084	4.999	ug/l #	47
38) Carbon Tetrachloride	7.869	117	13550	5.806	ug/l #	16
51) 4-Methyl-2-Pentanone	10.275	43	1234	1.313	ug/l #	1
71) Bromoform	12.569	173	928	1.130	ug/l #	29
76) 1,2,3-Trichloropropane	12.569	75	36071	74.106	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	36071	139.724	ug/l #	19

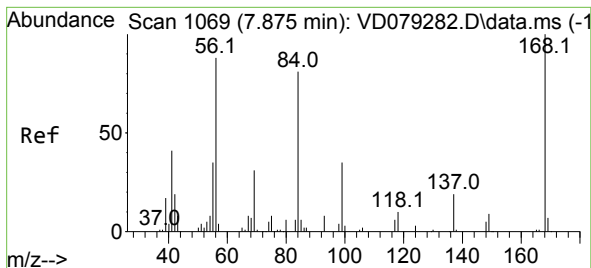
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD079366.D
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Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
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MSVOA_D
ClientSampleId :

Quant Time: Jul 10 03:05:30 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 17:06:59 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1069

Delta R.T. -0.006 min

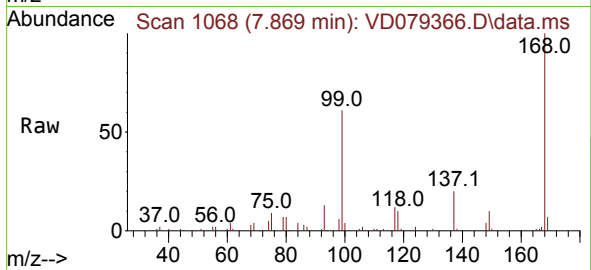
Lab File: VD079366.D

Acq: 09 Jul 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :

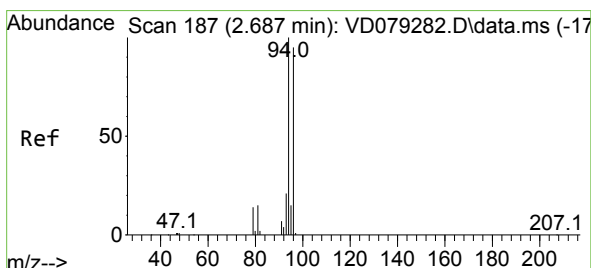
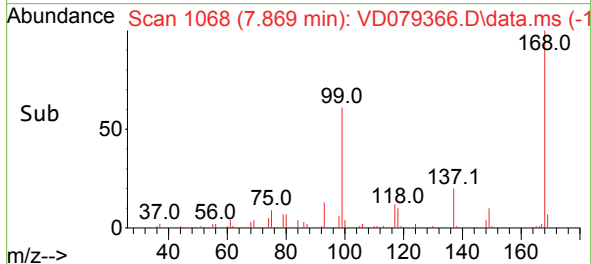
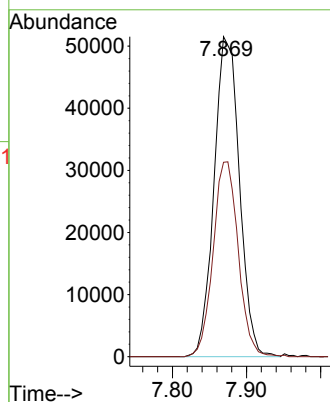


Tgt Ion:168 Resp: 122584

Ion Ratio Lower Upper

168 100

99 60.7 41.1 61.7



#5

Bromomethane

Concen: Below Cal

RT: 2.681 min Scan# 186

Delta R.T. 0.023 min

Lab File: VD079366.D

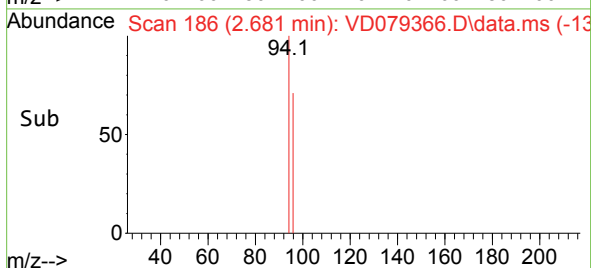
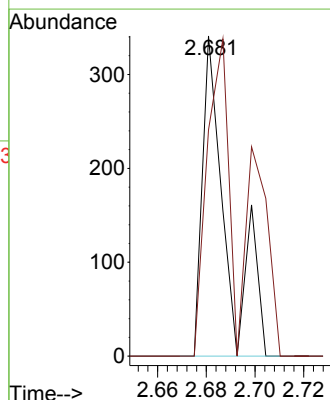
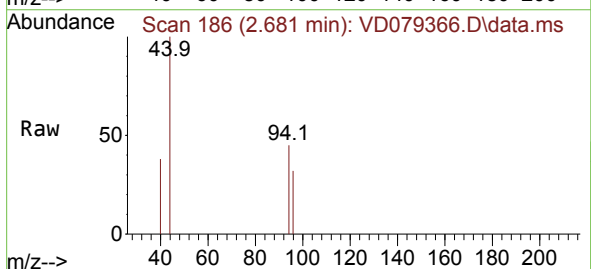
Acq: 09 Jul 2024 17:26

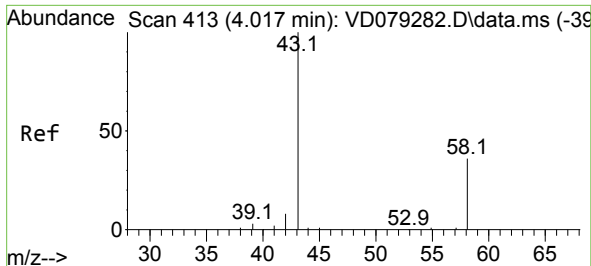
Tgt Ion: 94 Resp: 232

Ion Ratio Lower Upper

94 100

96 87.9 76.9 115.3

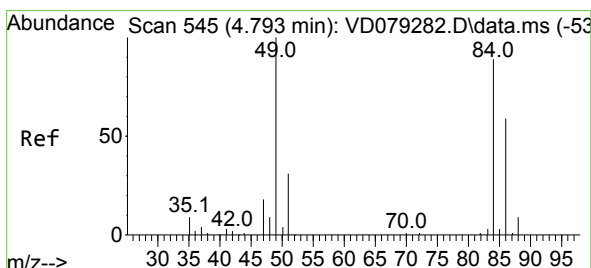
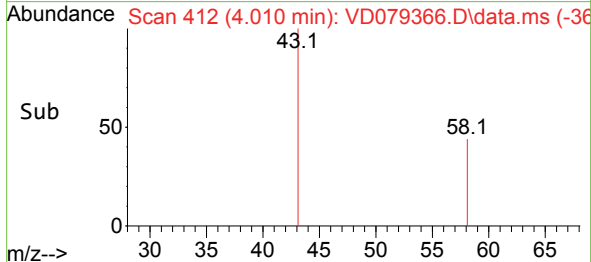
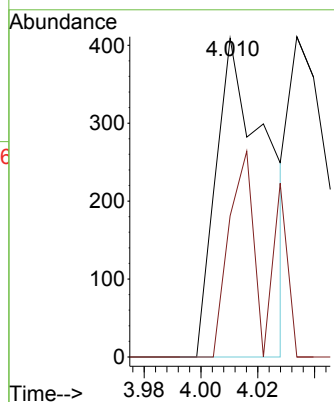
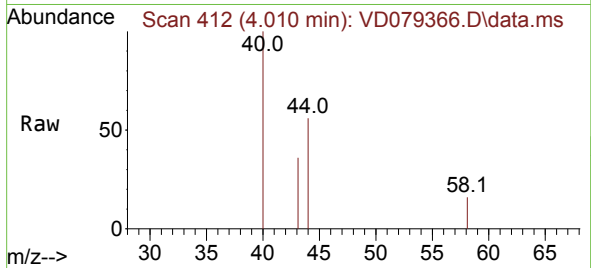




#16
Acetone
Concen: 1.860 ug/l
RT: 4.010 min Scan# 41
Delta R.T. -0.007 min
Lab File: VD079366.D
Acq: 09 Jul 2024 17:26

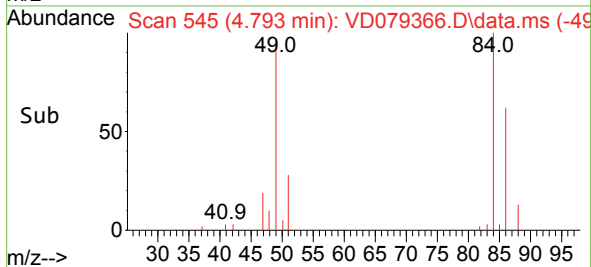
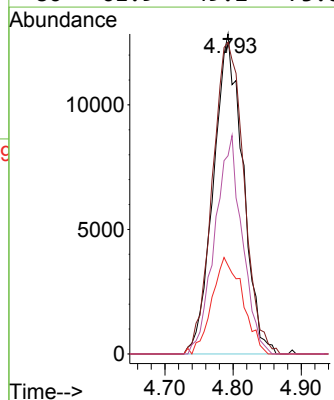
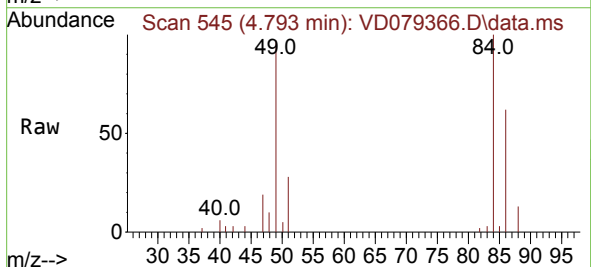
Instrument :
MSVOA_D
ClientSampleId :

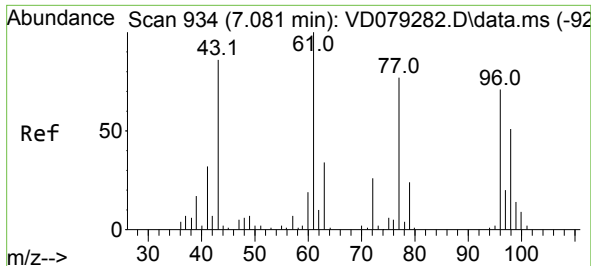
Tgt Ion: 43 Resp: 511
Ion Ratio Lower Upper
43 100
58 44.3 30.4 45.6



#20
Methylene Chloride
Concen: 11.206 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.000 min
Lab File: VD079366.D
Acq: 09 Jul 2024 17:26

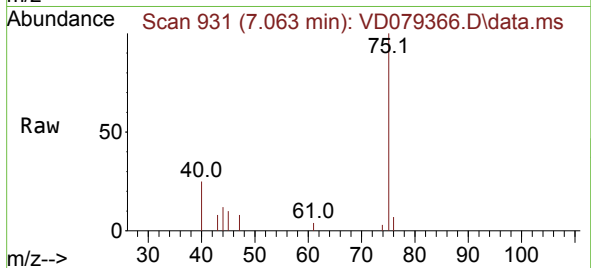
Tgt Ion: 84 Resp: 38513
Ion Ratio Lower Upper
84 100
49 97.4 75.6 113.4
51 27.7 24.2 36.2
86 61.9 49.2 73.8



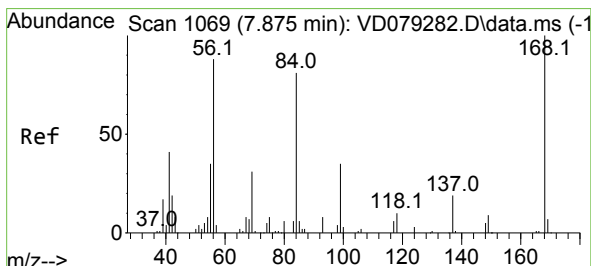
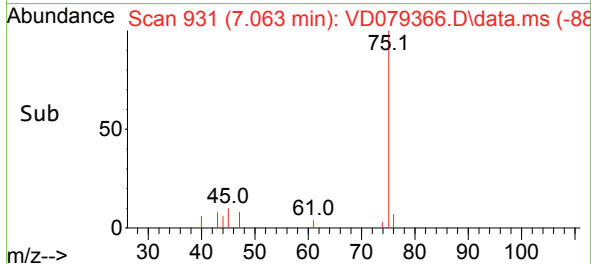
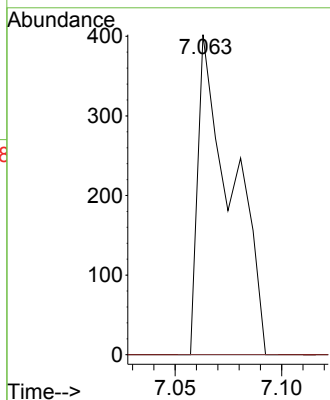


#25
2-Butanone
Concen: 1.138 ug/l
RT: 7.063 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD079366.D
Acq: 09 Jul 2024 17:26

Instrument :
MSVOA_D
ClientSampleId :

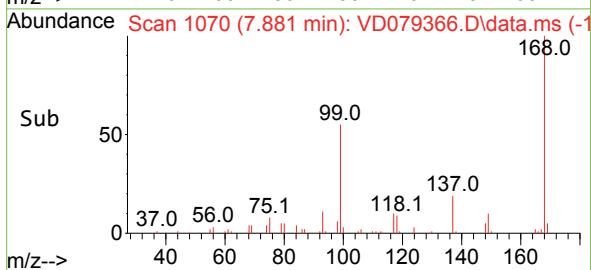
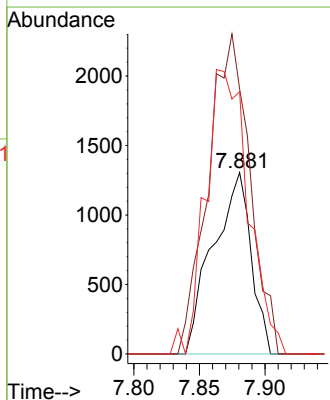
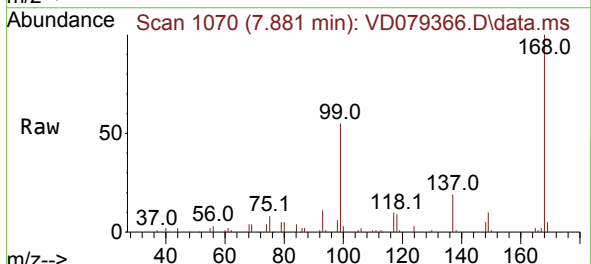


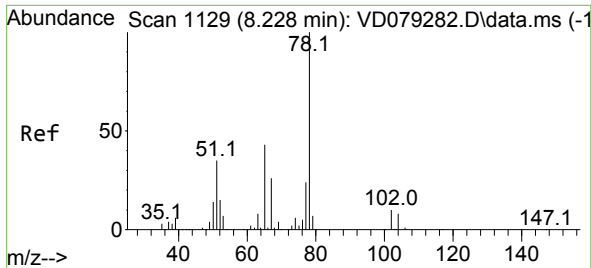
Tgt Ion: 43 Resp: 444
Ion Ratio Lower Upper
43 100
72 0.0 26.4 39.6#



#31
Cyclohexane
Concen: 1.204 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.005 min
Lab File: VD079366.D
Acq: 09 Jul 2024 17:26

Tgt Ion: 56 Resp: 2630
Ion Ratio Lower Upper
56 100
69 146.0 28.0 42.0#
84 132.8 87.4 131.0#





#33

1,2-Dichloroethane-d4

Concen: 63.357 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079366.D

Acq: 09 Jul 2024 17:26

Instrument :

MSVOA_D

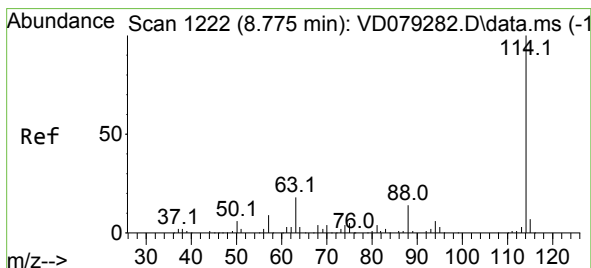
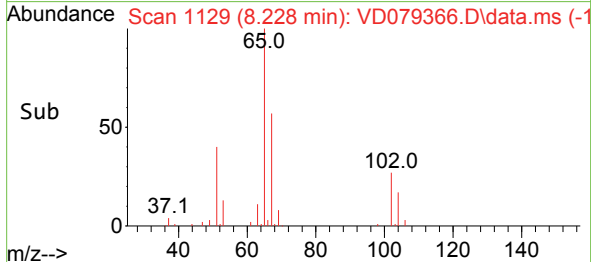
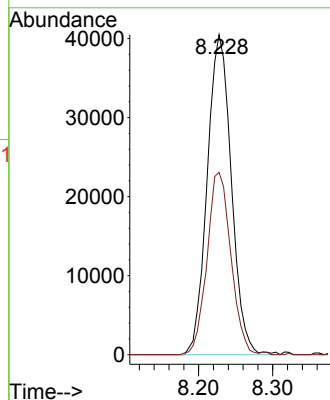
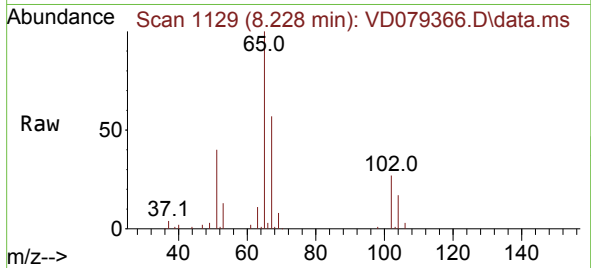
ClientSampleId :

Tgt Ion: 65 Resp: 91524

Ion Ratio Lower Upper

65 100

67 56.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079366.D

Acq: 09 Jul 2024 17:26

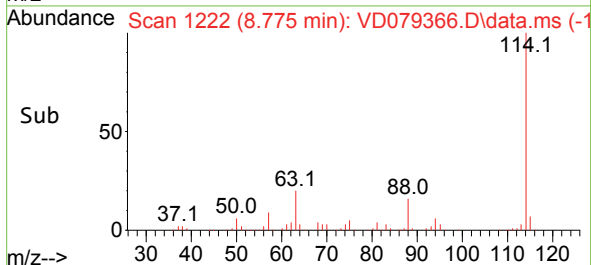
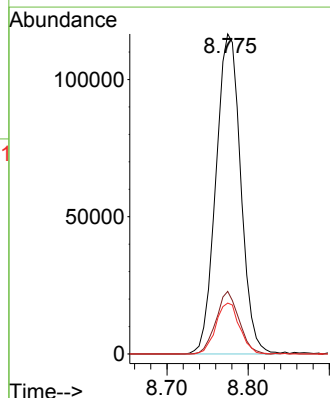
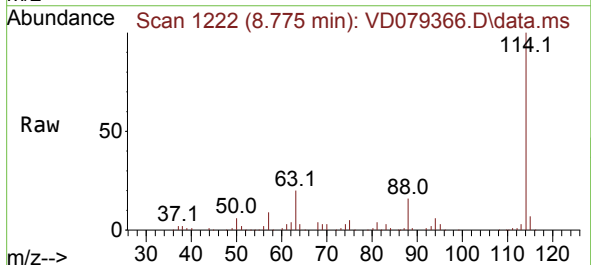
Tgt Ion: 114 Resp: 247390

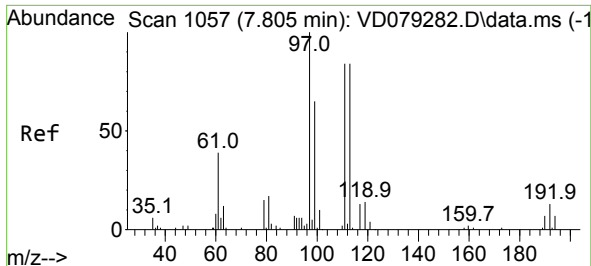
Ion Ratio Lower Upper

114 100

63 19.5 0.0 34.0

88 15.9 0.0 27.2





#35

Dibromofluoromethane

Concen: 58.360 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

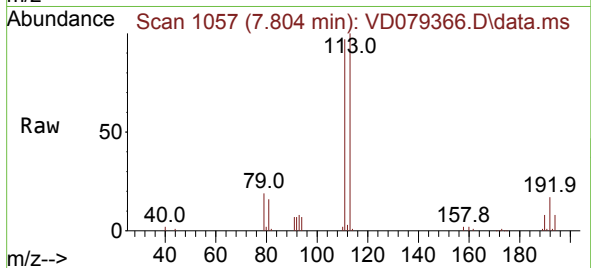
Lab File: VD079366.D

Acq: 09 Jul 2024 17:26

Instrument :

MSVOA_D

ClientSampleId :



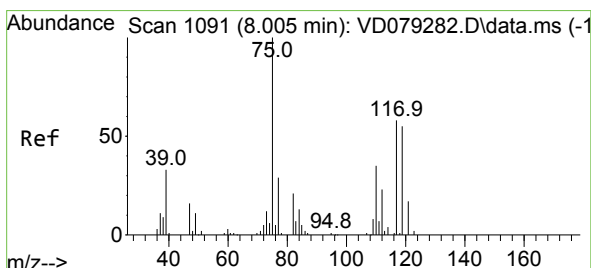
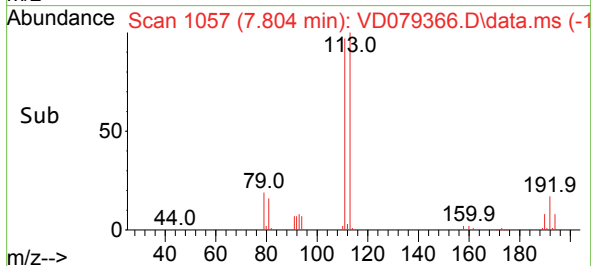
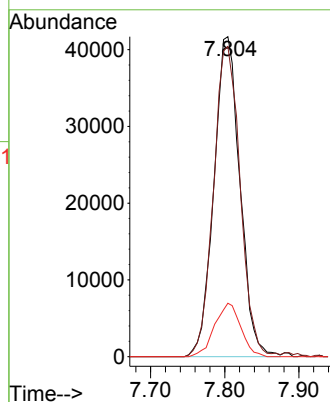
Tgt Ion:113 Resp: 101854

Ion Ratio Lower Upper

113 100

111 99.2 84.0 126.0

192 16.8 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.999 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.136 min

Lab File: VD079366.D

Acq: 09 Jul 2024 17:26

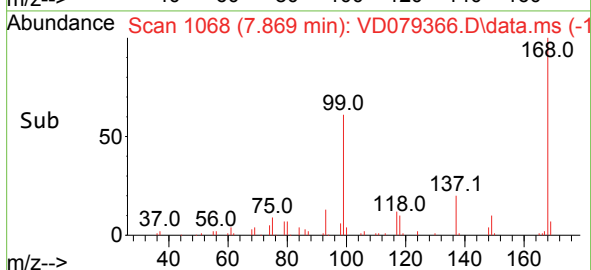
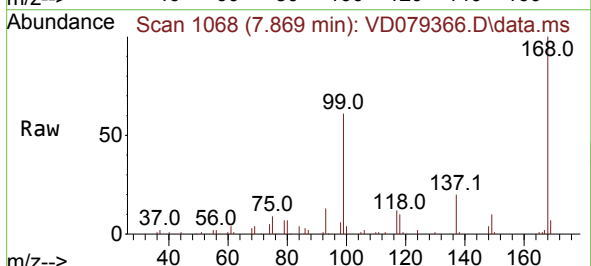
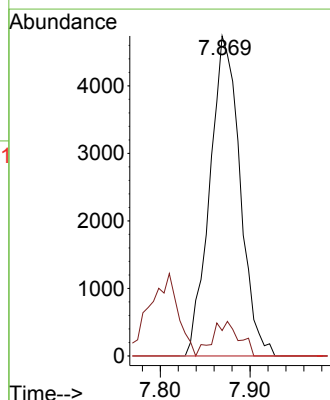
Tgt Ion: 75 Resp: 11084

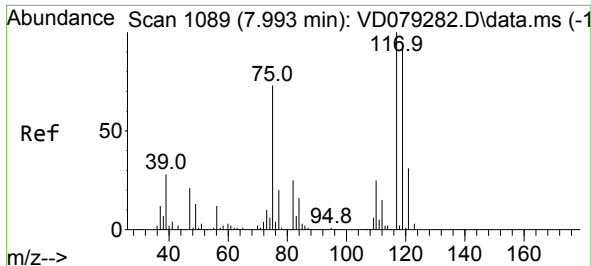
Ion Ratio Lower Upper

75 100

110 9.5 19.6 58.7#

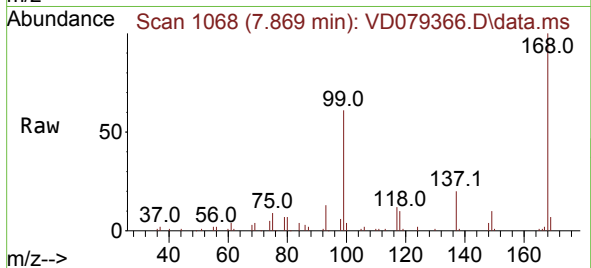
77 0.0 26.1 39.1#



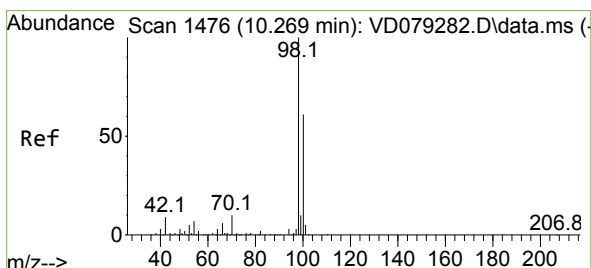
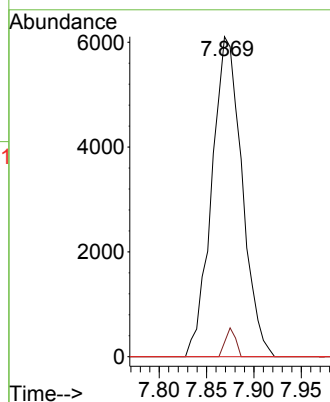
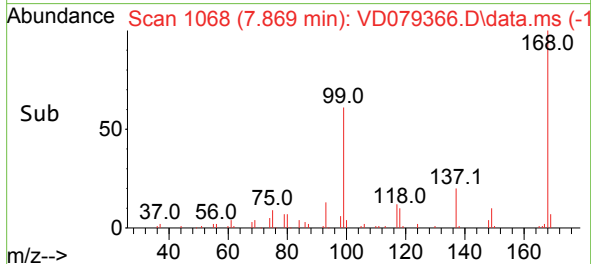


#38
Carbon Tetrachloride
Concen: 5.806 ug/l
RT: 7.869 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD079366.D
Acq: 09 Jul 2024 17:26

Instrument :
MSVOA_D
ClientSampleId :

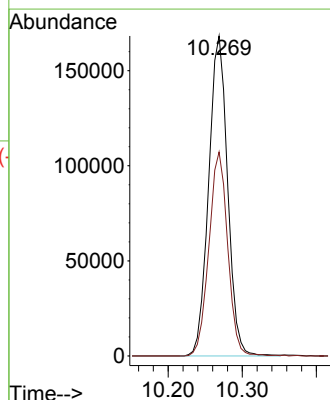
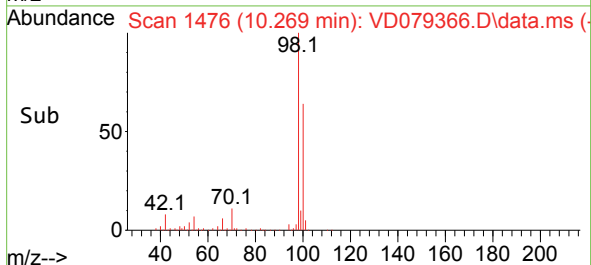
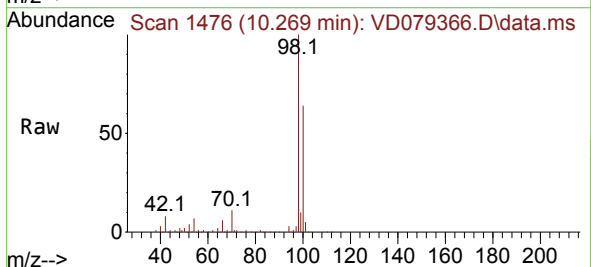


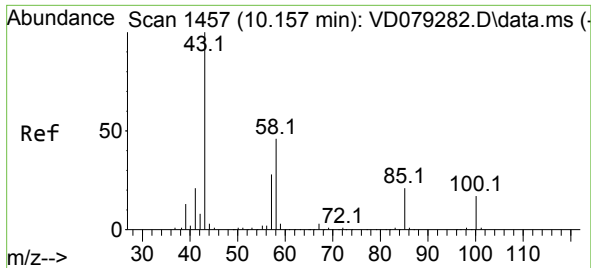
Tgt Ion:117 Resp: 13550
Ion Ratio Lower Upper
117 100
119 4.5 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 44.353 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079366.D
Acq: 09 Jul 2024 17:26

Tgt Ion: 98 Resp: 298395
Ion Ratio Lower Upper
98 100
100 63.3 51.6 77.4

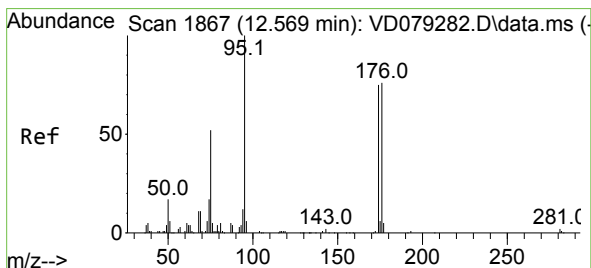
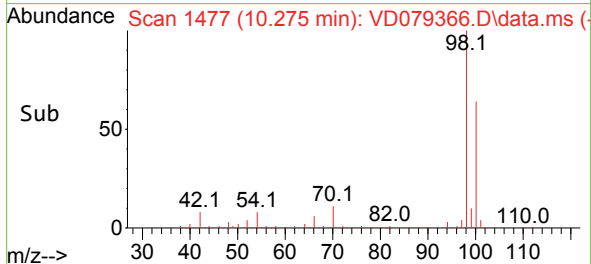
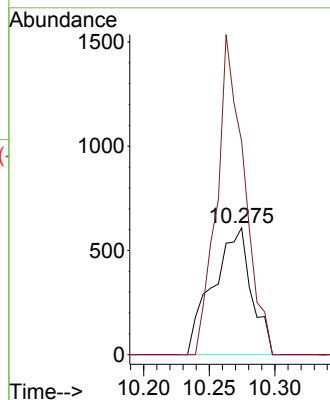
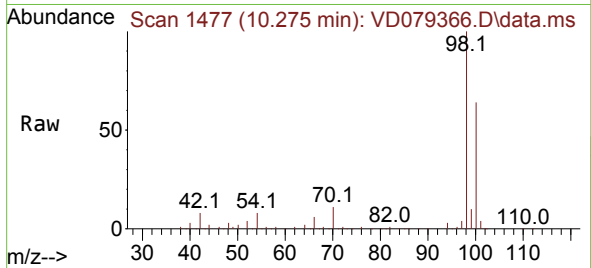




#51
4-Methyl-2-Pentanone
Concen: 1.313 ug/l
RT: 10.275 min Scan# 1457
Delta R.T. 0.118 min
Lab File: VD079366.D
Acq: 09 Jul 2024 17:26

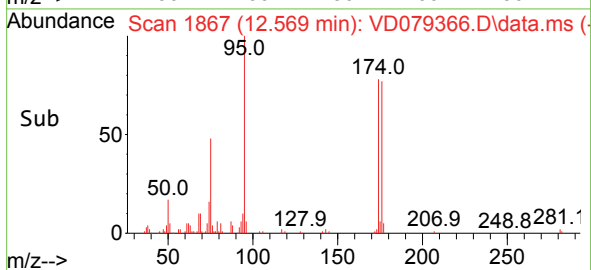
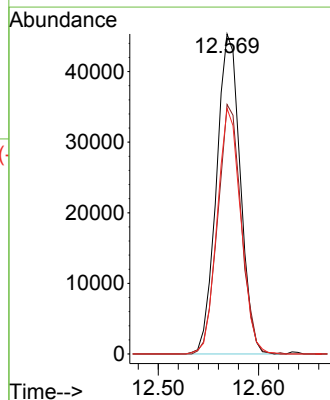
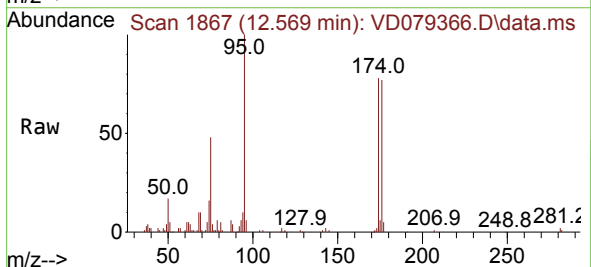
Instrument :
MSVOA_D
ClientSampleId :

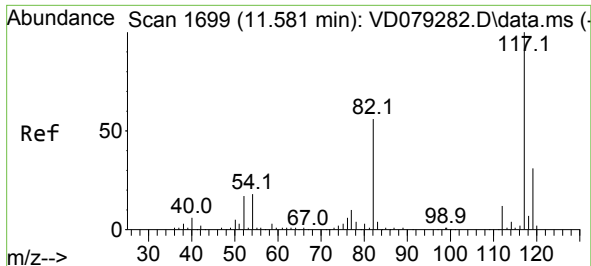
Tgt Ion: 43 Resp: 1234
Ion Ratio Lower Upper
43 100
58 181.3 36.6 55.0#



#62
4-Bromofluorobenzene
Concen: 35.666 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079366.D
Acq: 09 Jul 2024 17:26

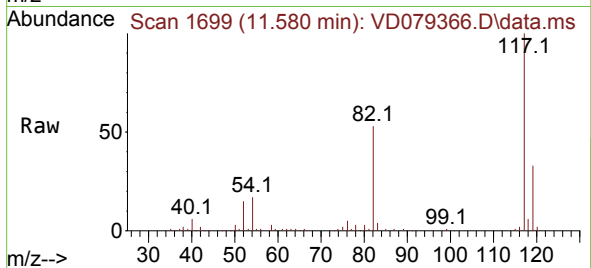
Tgt Ion: 95 Resp: 74580
Ion Ratio Lower Upper
95 100
174 76.9 0.0 195.4
176 76.4 0.0 192.6



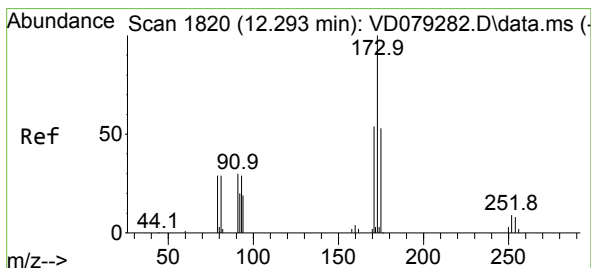
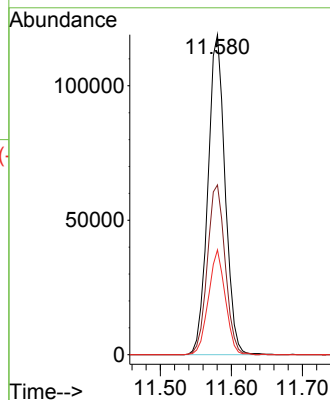
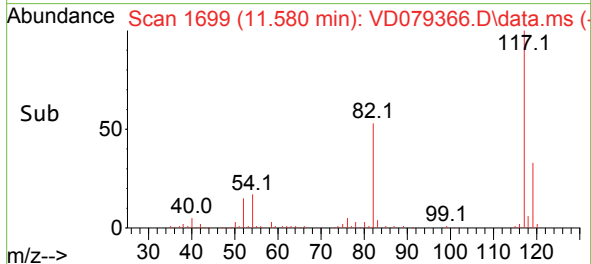


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079366.D
Acq: 09 Jul 2024 17:26

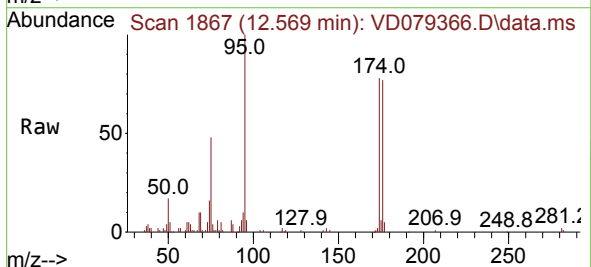
Instrument :
MSVOA_D
ClientSampleId :



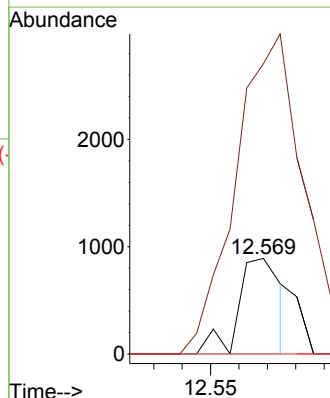
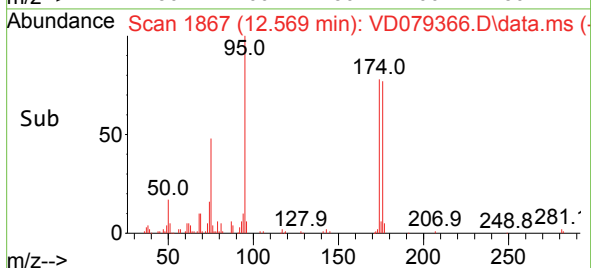
Tgt Ion:117 Resp: 200243
Ion Ratio Lower Upper
117 100
82 53.1 39.8 59.6
119 32.7 25.7 38.5

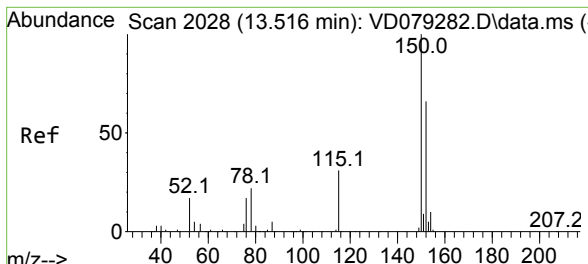


#71
Bromoform
Concen: 1.130 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.270 min
Lab File: VD079366.D
Acq: 09 Jul 2024 17:26



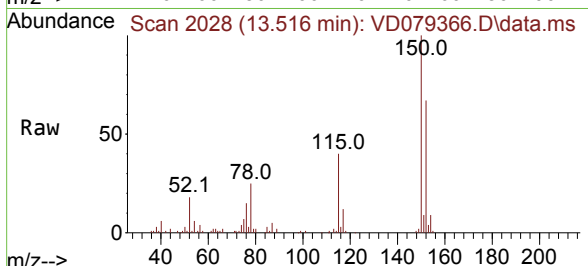
Tgt Ion:173 Resp: 928
Ion Ratio Lower Upper
173 100
175 0.0 23.7 71.1#
254 0.0 0.0 0.0



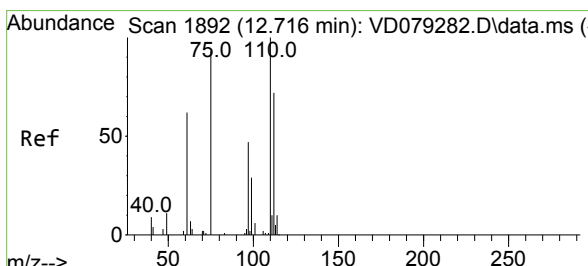
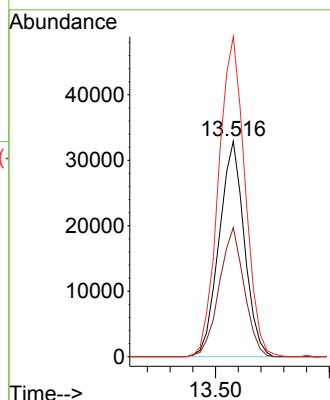
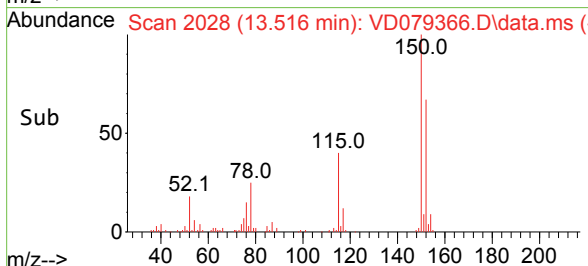


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079366.D
 Acq: 09 Jul 2024 17:26

Instrument :
 MSVOA_D
 ClientSampleId :

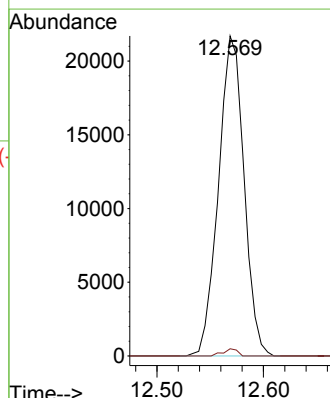
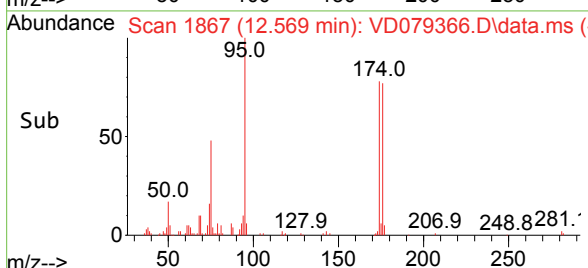
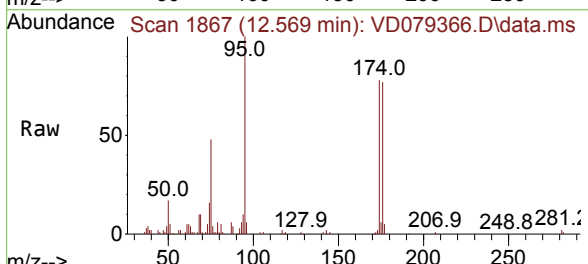


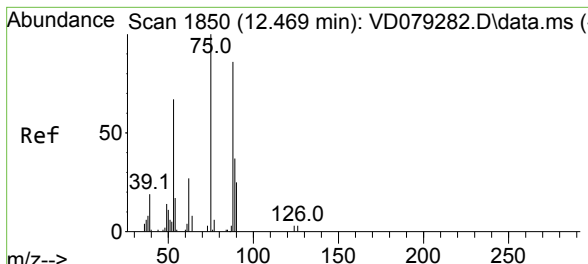
Tgt Ion:152 Resp: 50660
 Ion Ratio Lower Upper
 152 100
 115 59.5 26.5 79.5
 150 155.8 0.0 341.6



#76
 1,2,3-Trichloropropane
 Concen: 74.106 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079366.D
 Acq: 09 Jul 2024 17:26

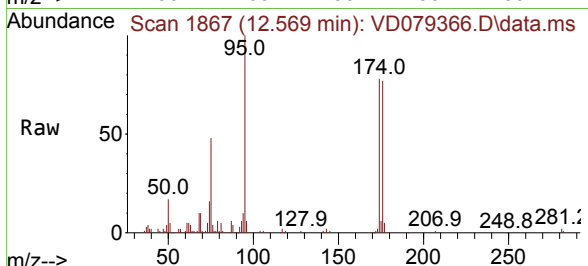
Tgt Ion: 75 Resp: 36071
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 139.724 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD079366.D
Acq: 09 Jul 2024 17:26

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:	75	Resp:	36071
Ion	Ratio	Lower	Upper
75	100		
53	0.2	61.4	92.2#
89	0.0	35.4	53.0#

