

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070324\
 Data File : VD079332.D
 Acq On : 03 Jul 2024 13:43
 Operator : RP/MD
 Sample : P3148-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 04 06:22:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

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

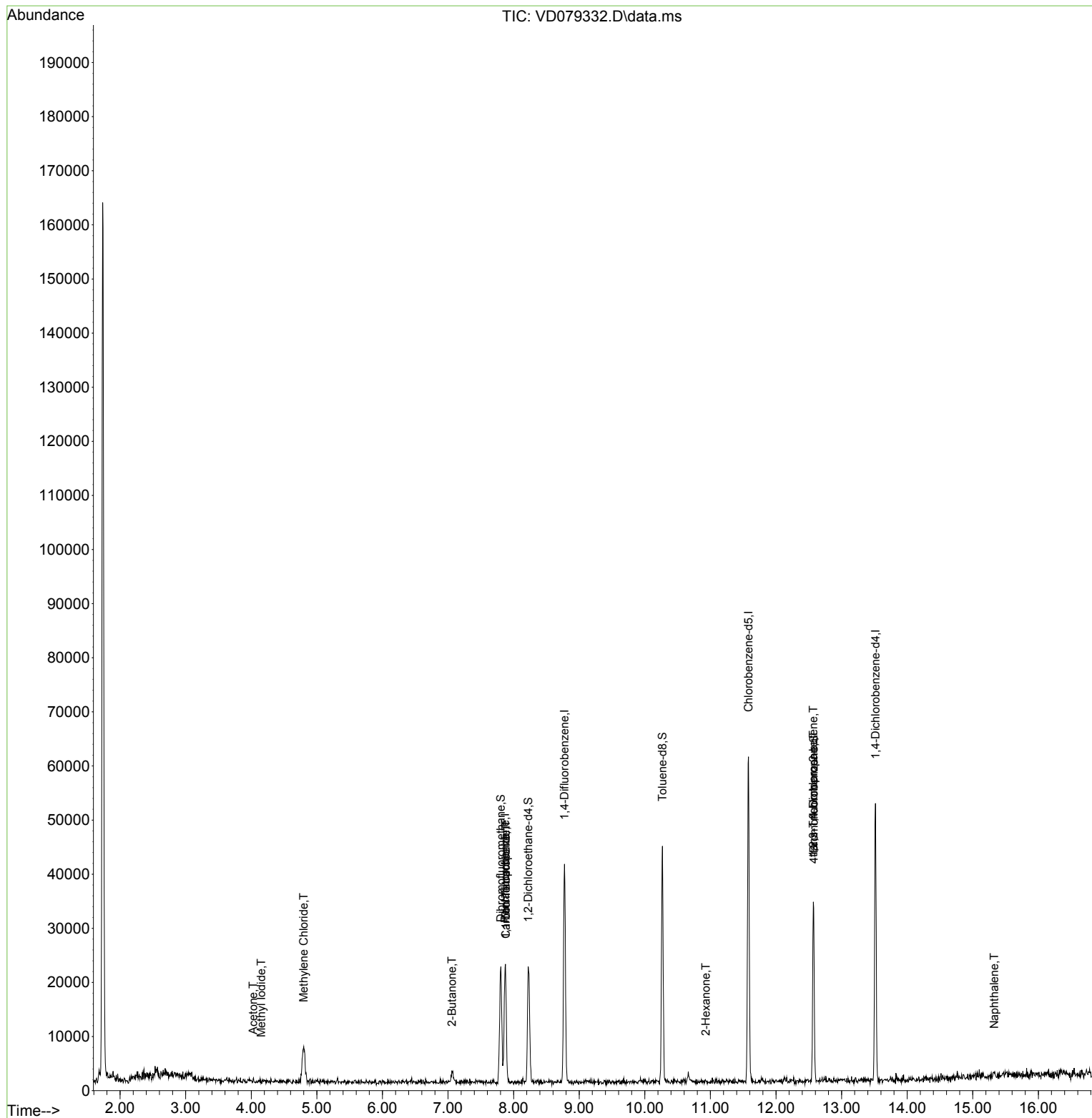
Internal Standards						
1) Pentafluorobenzene	7.869	168	16091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	36449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	35309	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	13823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	17991	120.069	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 240.140%#	
35) Dibromofluoromethane	7.805	113	15468	64.652	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.300%	
50) Toluene-d8	10.269	98	30553	35.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 71.000%	
62) 4-Bromofluorobenzene	12.575	95	11694	42.370	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 84.740%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.705	94	562	Below Cal	#	63
10) Methyl Iodide	4.152	142	122	6.645	ug/l #	41
16) Acetone	4.028	43	144	3.771	ug/l #	37
20) Methylene Chloride	4.799	84	5679	18.063	ug/l #	91
25) 2-Butanone	7.058	43	59	1.109	ug/l #	42
36) 1,1-Dichloropropene	7.881	75	1545	4.156	ug/l #	39
38) Carbon Tetrachloride	7.881	117	1946	5.155	ug/l #	13
59) 2-Hexanone	10.928	43	169	1.675	ug/l #	19
76) 1,2,3-Trichloropropane	12.569	75	5837	42.195	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	5837	78.298	ug/l #	19
95) Naphthalene	15.328	128	1029	2.337	ug/l #	70

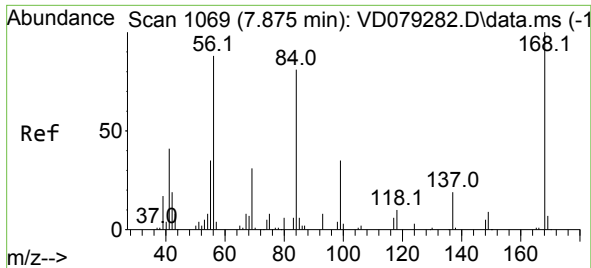
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070324\
Data File : VD079332.D
Acq On : 03 Jul 2024 13:43
Operator : RP/MD
Sample : P3148-01
Misc : 5.06G/5.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 04 06:22:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration

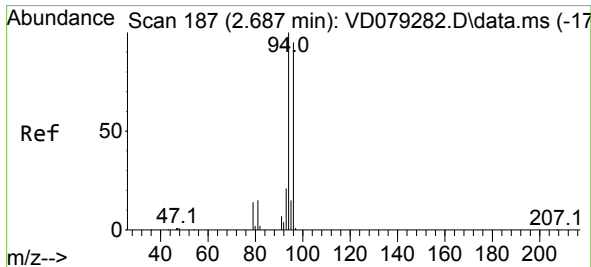
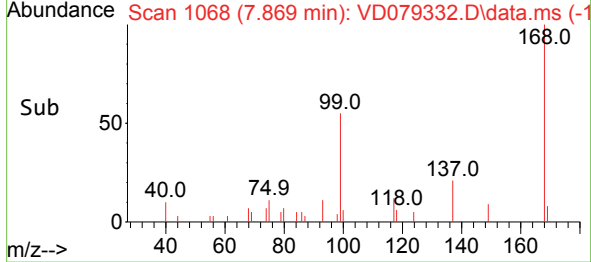
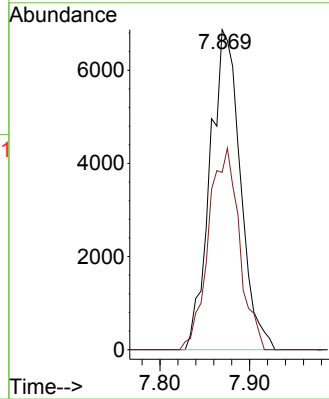
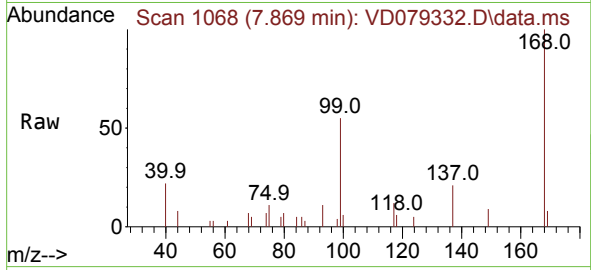




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

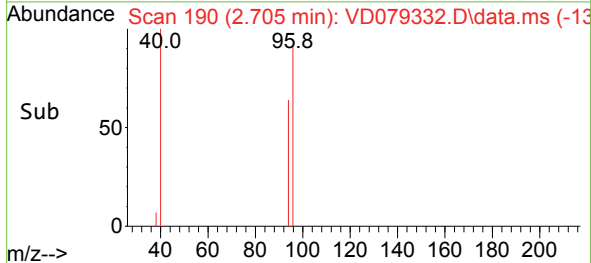
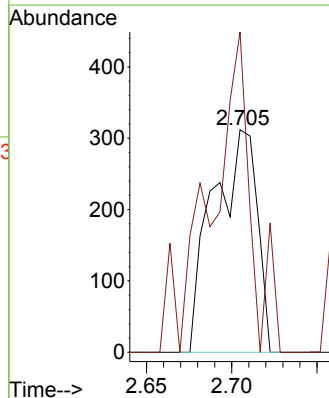
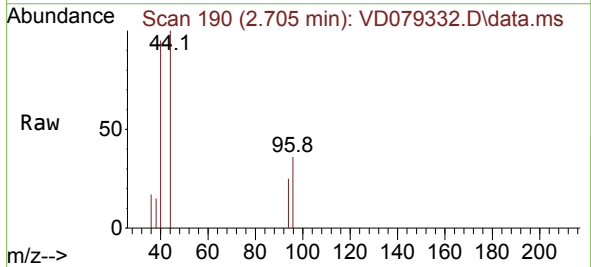
Instrument :
MSVOA_D
ClientSampleId :

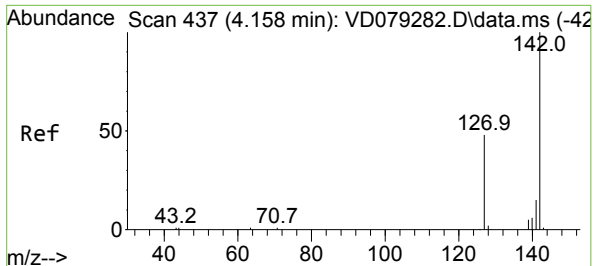
Tgt Ion:168 Resp: 16091
Ion Ratio Lower Upper
168 100
99 55.4 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.705 min Scan# 190
Delta R.T. 0.047 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

Tgt Ion: 94 Resp: 562
Ion Ratio Lower Upper
94 100
96 132.4 76.9 115.3#

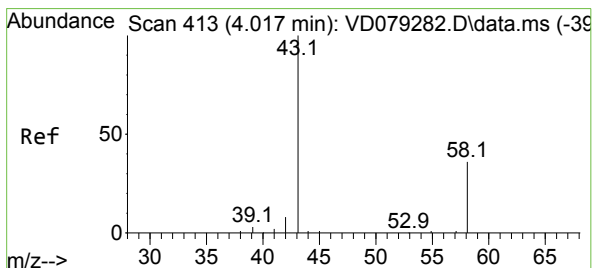
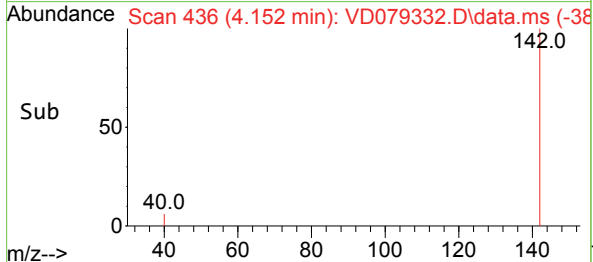
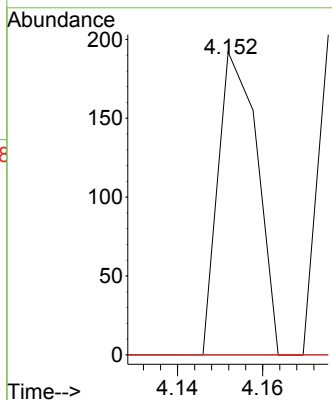
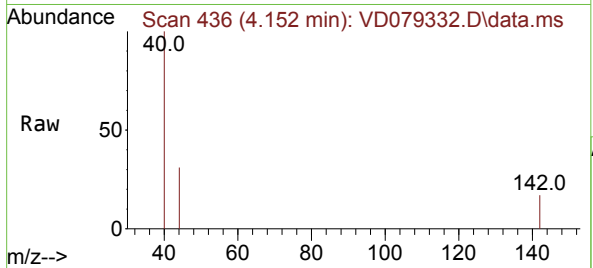




#10
Methyl Iodide
Concen: 6.645 ug/l
RT: 4.152 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

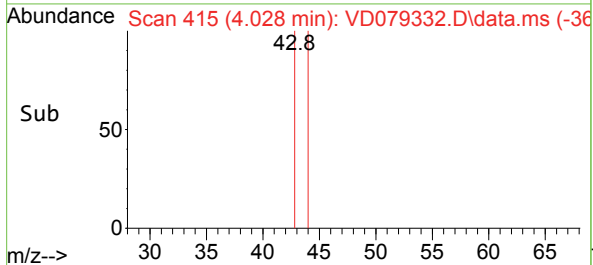
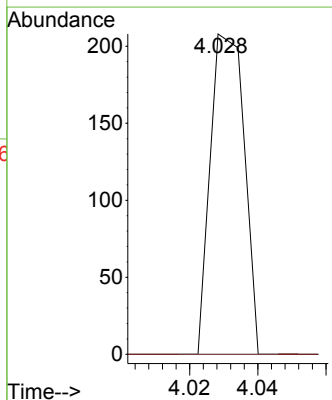
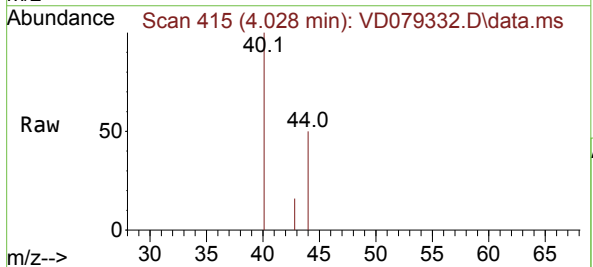
Instrument :
MSVOA_D
ClientSampleId :

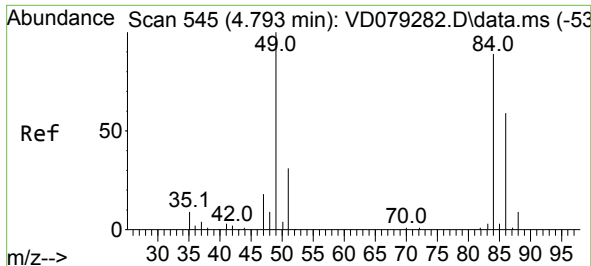
Tgt Ion:142 Resp: 122
Ion Ratio Lower Upper
142 100
127 0.0 34.2 51.4#
141 0.0 11.7 17.5#



#16
Acetone
Concen: 3.771 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.012 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

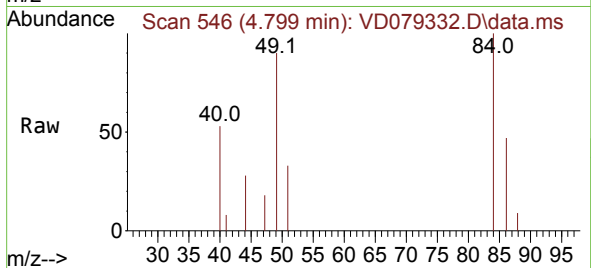
Tgt Ion: 43 Resp: 144
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



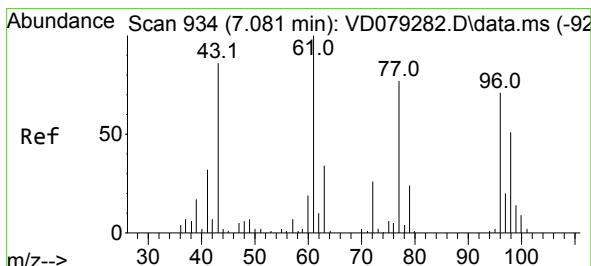
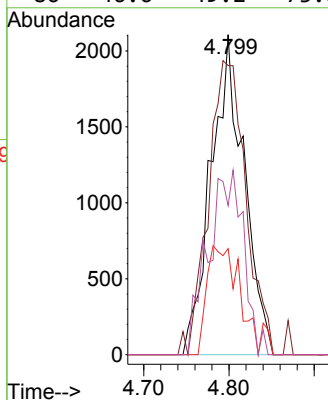
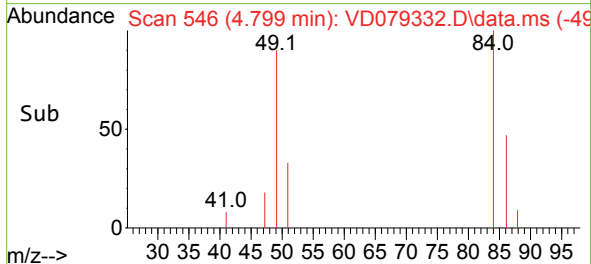


#20
Methylene Chloride
Concen: 18.063 ug/l
RT: 4.799 min Scan# 54
Delta R.T. 0.006 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

Instrument :
MSVOA_D
ClientSampleId :

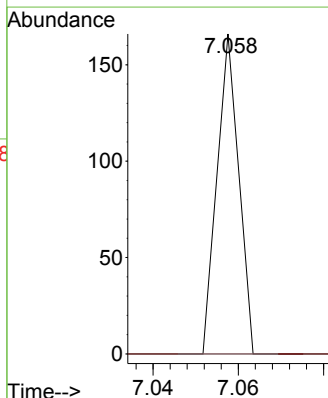
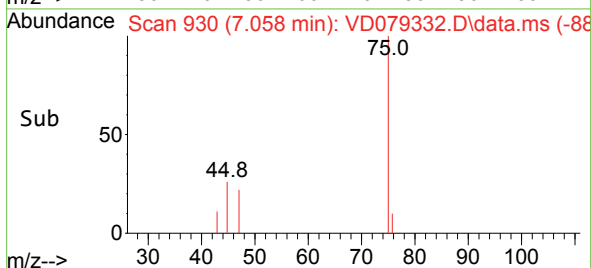
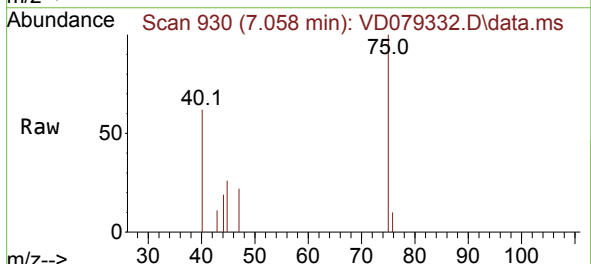


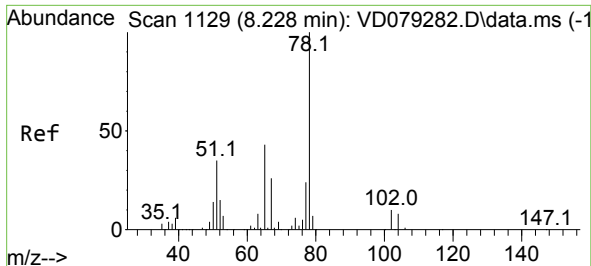
Tgt Ion: 84	Resp: 5679
Ion Ratio	Lower Upper
84 100	
49 90.4	75.6 113.4
51 33.2	24.2 36.2
86 46.6	49.2 73.8#



#25
2-Butanone
Concen: 1.109 ug/l
RT: 7.058 min Scan# 930
Delta R.T. -0.018 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

Tgt Ion: 43	Resp: 59
Ion Ratio	Lower Upper
43 100	
72 0.0	26.4 39.6#





#33

1,2-Dichloroethane-d4

Concen: 120.069 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD079332.D

Acq: 03 Jul 2024 13:43

Instrument :

MSVOA_D

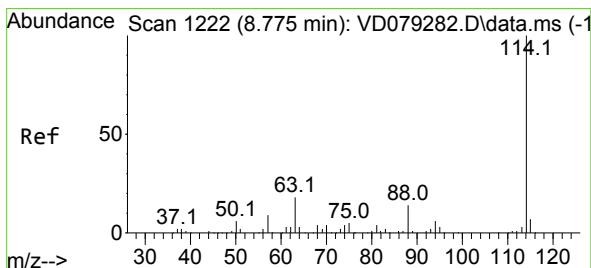
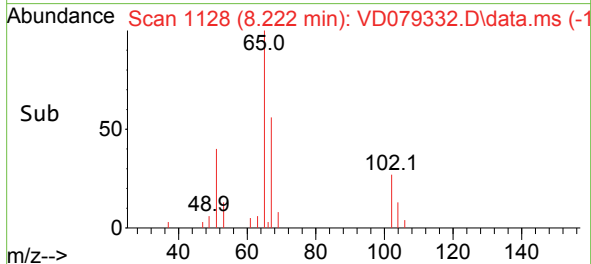
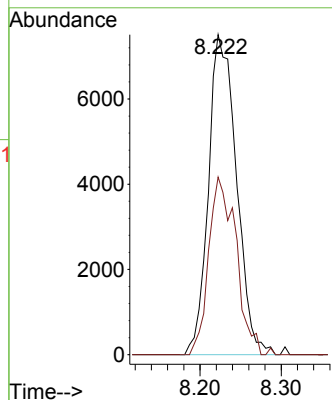
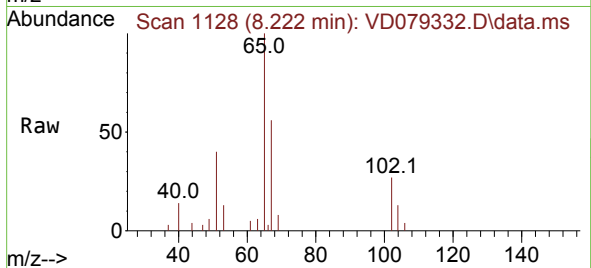
ClientSampleId :

Tgt Ion: 65 Resp: 17991

Ion Ratio Lower Upper

65 100

67 54.1 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: VD079332.D

Acq: 03 Jul 2024 13:43

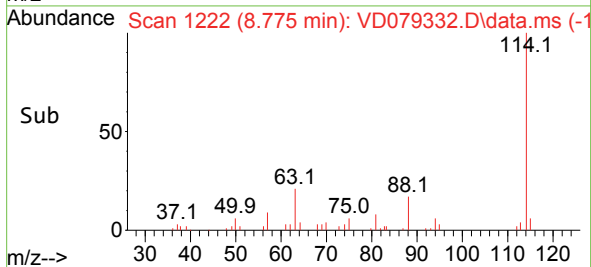
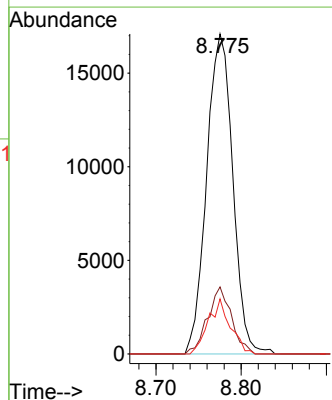
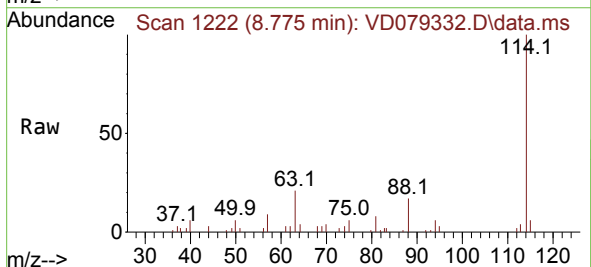
Tgt Ion: 114 Resp: 36449

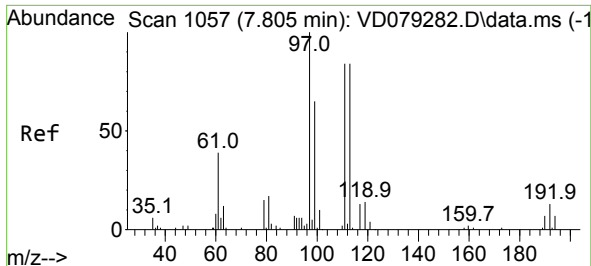
Ion Ratio Lower Upper

114 100

63 21.0 0.0 34.0

88 17.2 0.0 27.2





#35

Dibromofluoromethane

Concen: 64.652 ug/l

RT: 7.805 min Scan# 1070

Delta R.T. 0.000 min

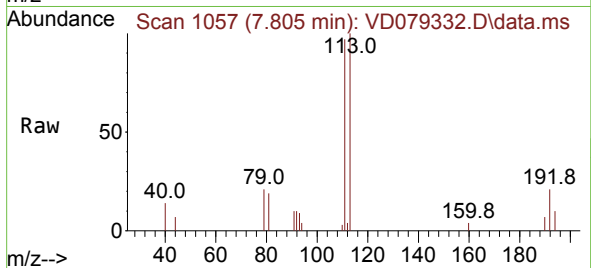
Lab File: VD079332.D

Acq: 03 Jul 2024 13:43

Instrument :

MSVOA_D

ClientSampleId :



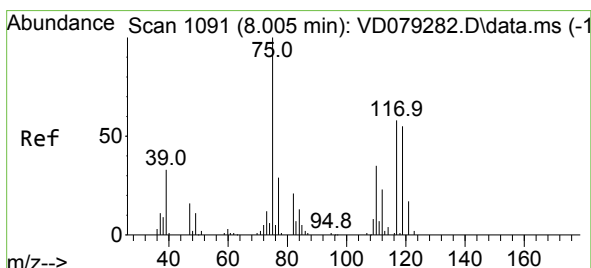
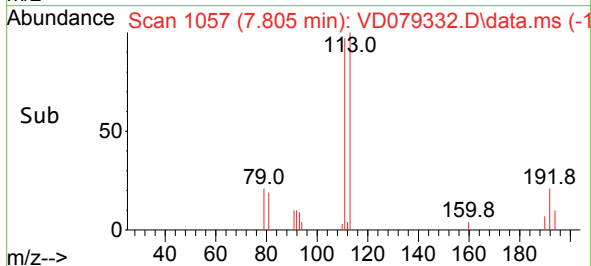
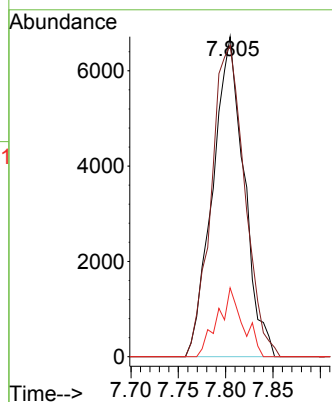
Tgt Ion:113 Resp: 15468

Ion Ratio Lower Upper

113 100

111 103.5 84.0 126.0

192 17.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.156 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.124 min

Lab File: VD079332.D

Acq: 03 Jul 2024 13:43

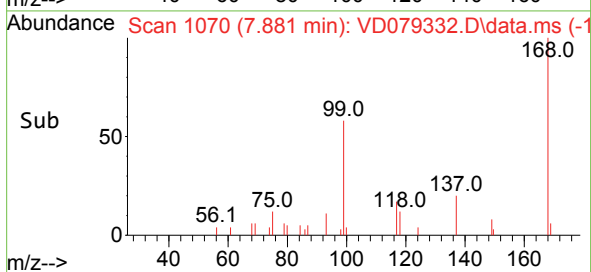
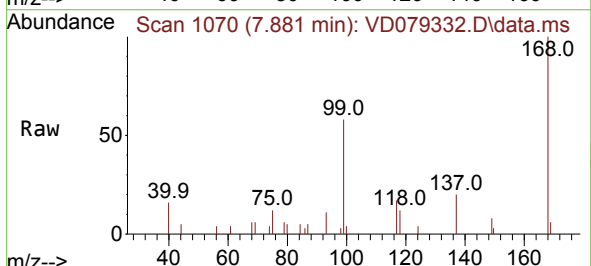
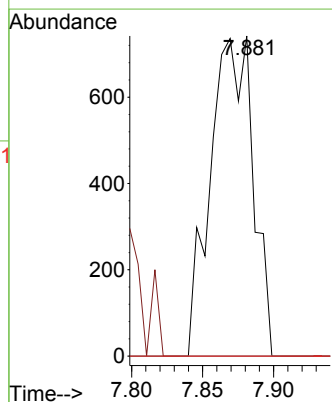
Tgt Ion: 75 Resp: 1545

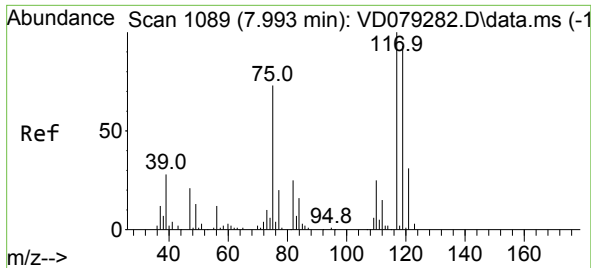
Ion Ratio Lower Upper

75 100

110 0.0 19.6 58.7#

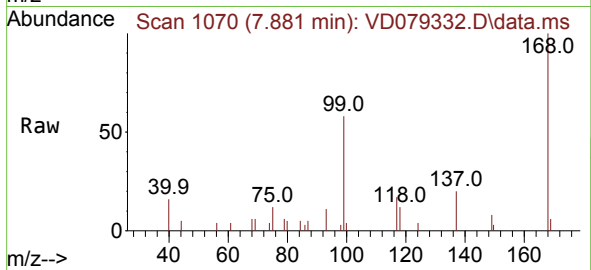
77 0.0 26.1 39.1#



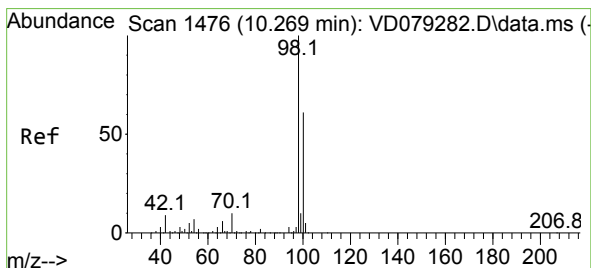
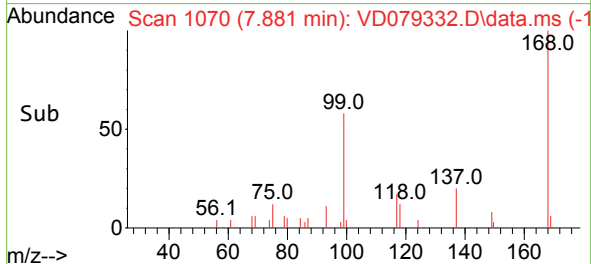
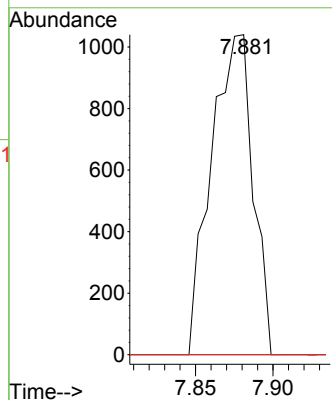


#38
Carbon Tetrachloride
Concen: 5.155 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.106 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

Instrument :
MSVOA_D
ClientSampleId :

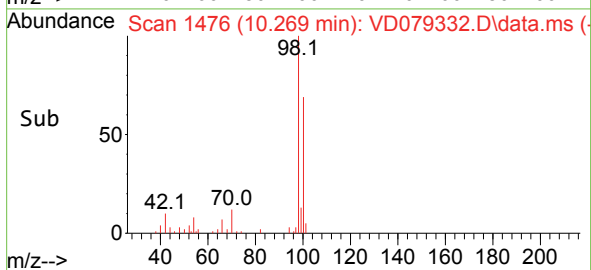
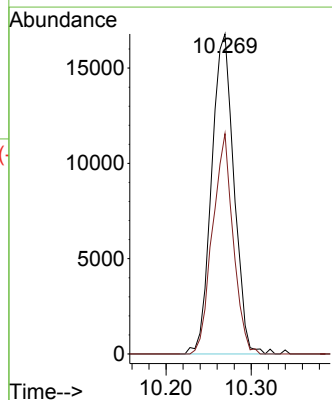
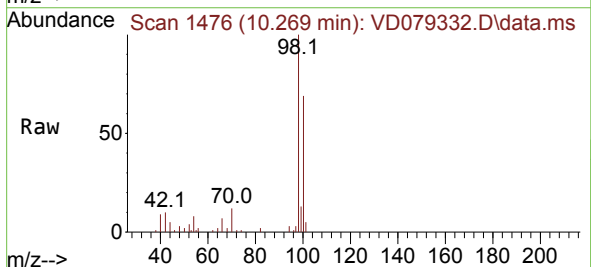


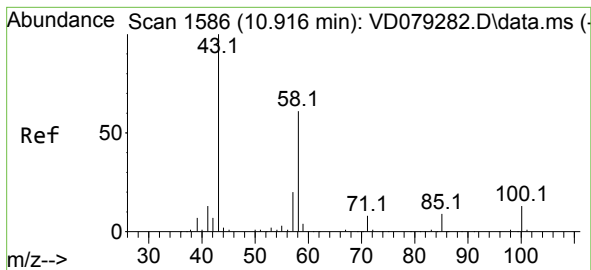
Tgt Ion:117 Resp: 1946
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 35.498 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

Tgt Ion: 98 Resp: 30553
Ion Ratio Lower Upper
98 100
100 63.6 51.6 77.4

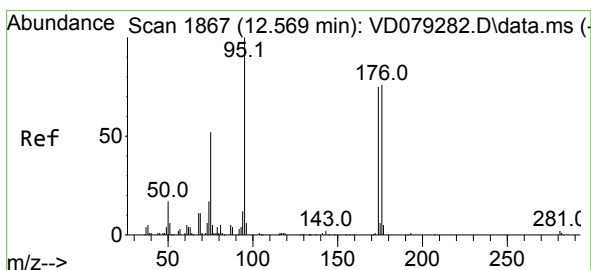
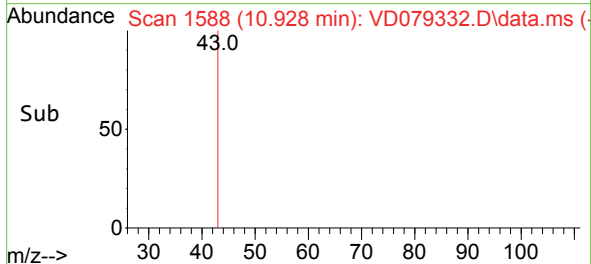
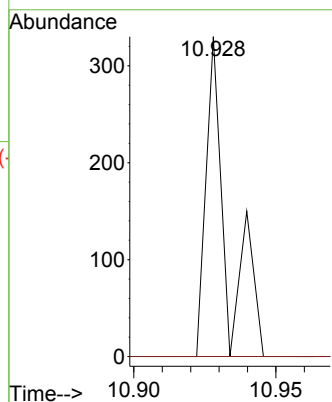
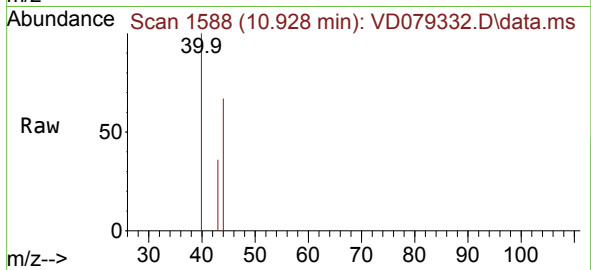




#59
2-Hexanone
Concen: 1.675 ug/l
RT: 10.928 min Scan# 1588
Delta R.T. 0.006 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

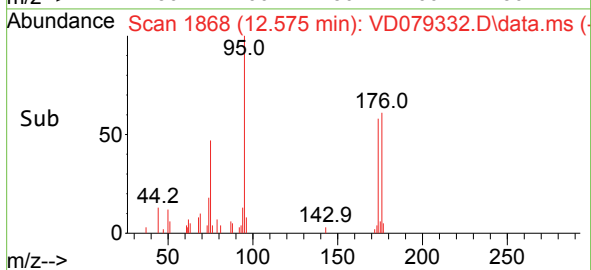
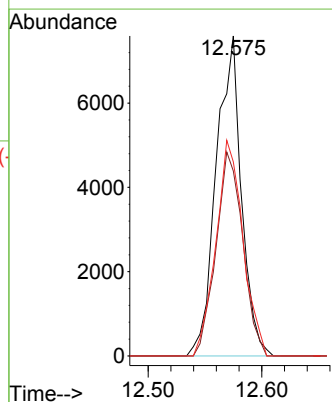
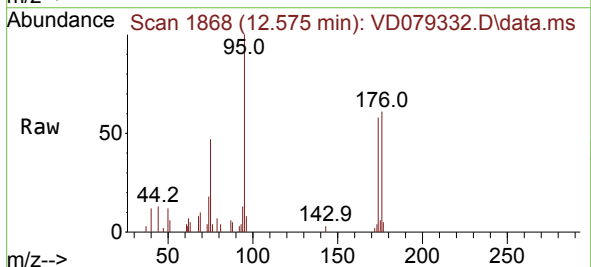
Instrument :
MSVOA_D
ClientSampleId :

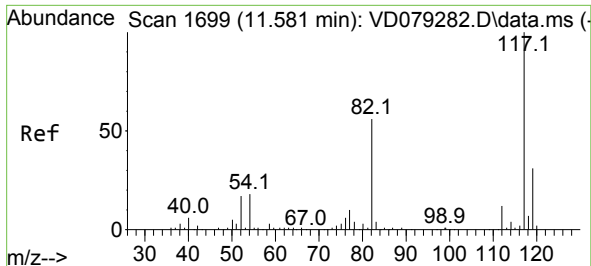
Tgt Ion: 43 Resp: 169
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#



#62
4-Bromofluorobenzene
Concen: 42.370 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

Tgt Ion: 95 Resp: 11694
Ion Ratio Lower Upper
95 100
174 67.8 0.0 195.4
176 72.5 0.0 192.6

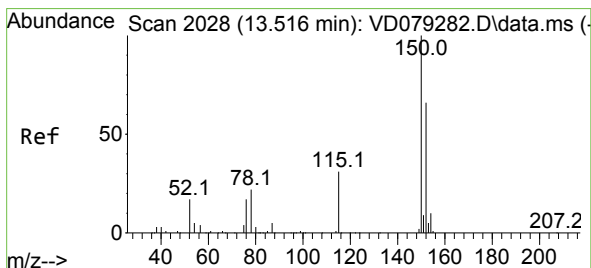
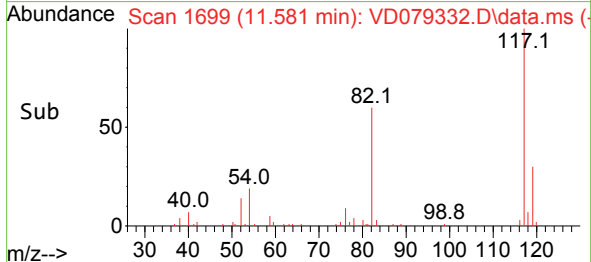
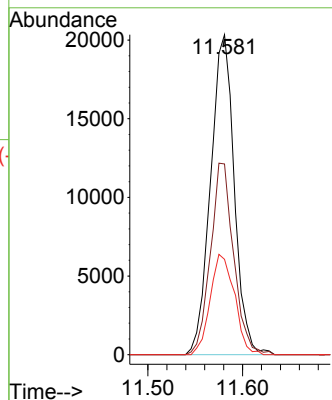
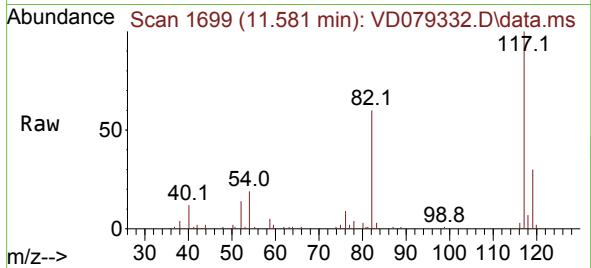




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

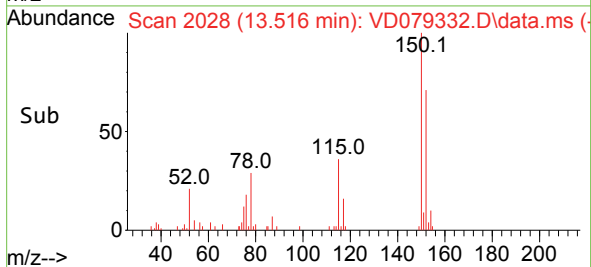
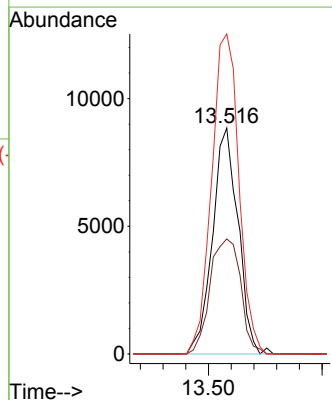
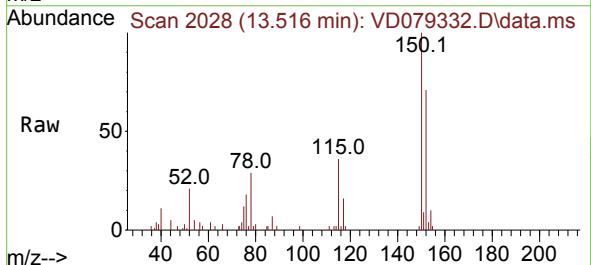
Instrument :
MSVOA_D
ClientSampleId :

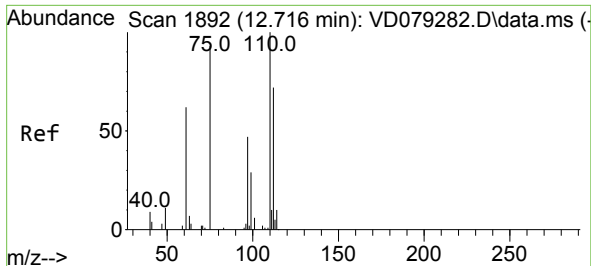
Tgt Ion:117 Resp: 35309
Ion Ratio Lower Upper
117 100
82 59.6 39.8 59.6
119 29.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

Tgt Ion:152 Resp: 13823
Ion Ratio Lower Upper
152 100
115 60.8 26.5 79.5
150 151.0 0.0 341.6

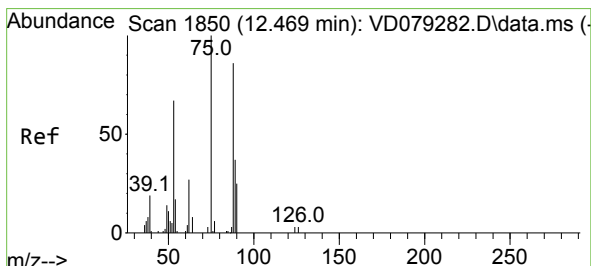
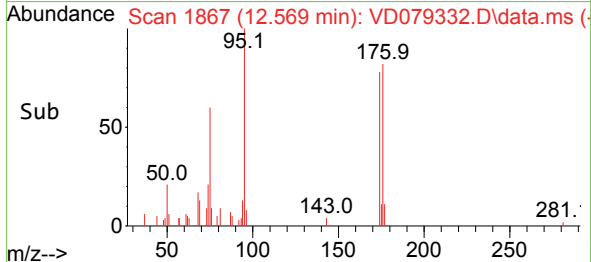
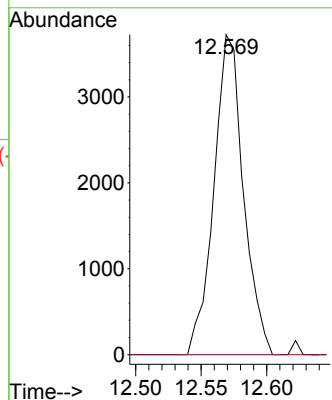
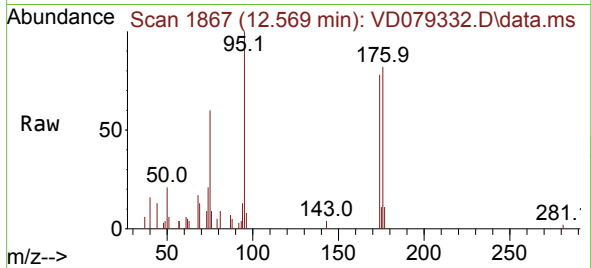




#76
1,2,3-Trichloropropane
Concen: 42.195 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

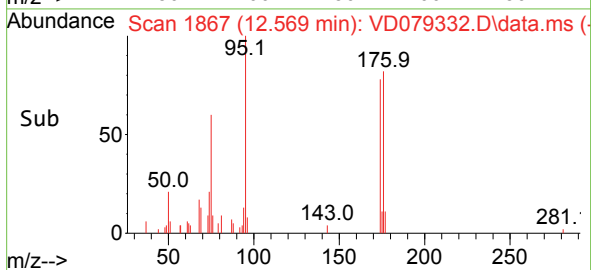
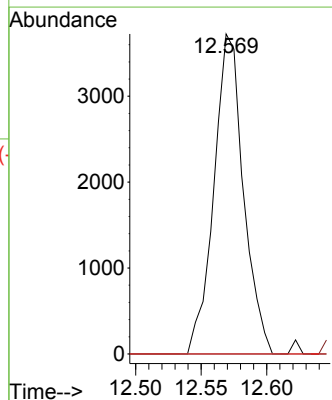
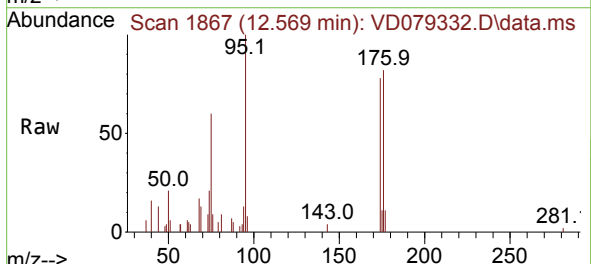
Instrument :
MSVOA_D
ClientSampleId :

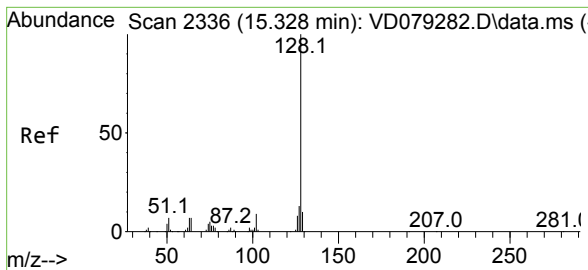
Tgt Ion: 75 Resp: 5837
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 78.298 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079332.D
Acq: 03 Jul 2024 13:43

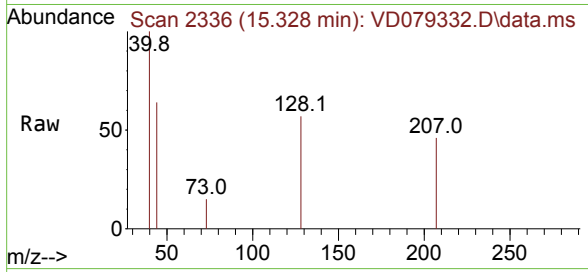
Tgt Ion: 75 Resp: 5837
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#





#95
 Naphthalene
 Concen: 2.337 ug/l
 RT: 15.328 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD079332.D
 Acq: 03 Jul 2024 13:43

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	128	Resp:	1029
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.4#
129	0.0	8.5	12.7#

