

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079318.D
 Acq On : 02 Jul 2024 14:52
 Operator : RP/MD
 Sample : P3141-04
 Misc : 8.32G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-129-SB01RE

Quant Time: Jul 03 01:22:50 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)

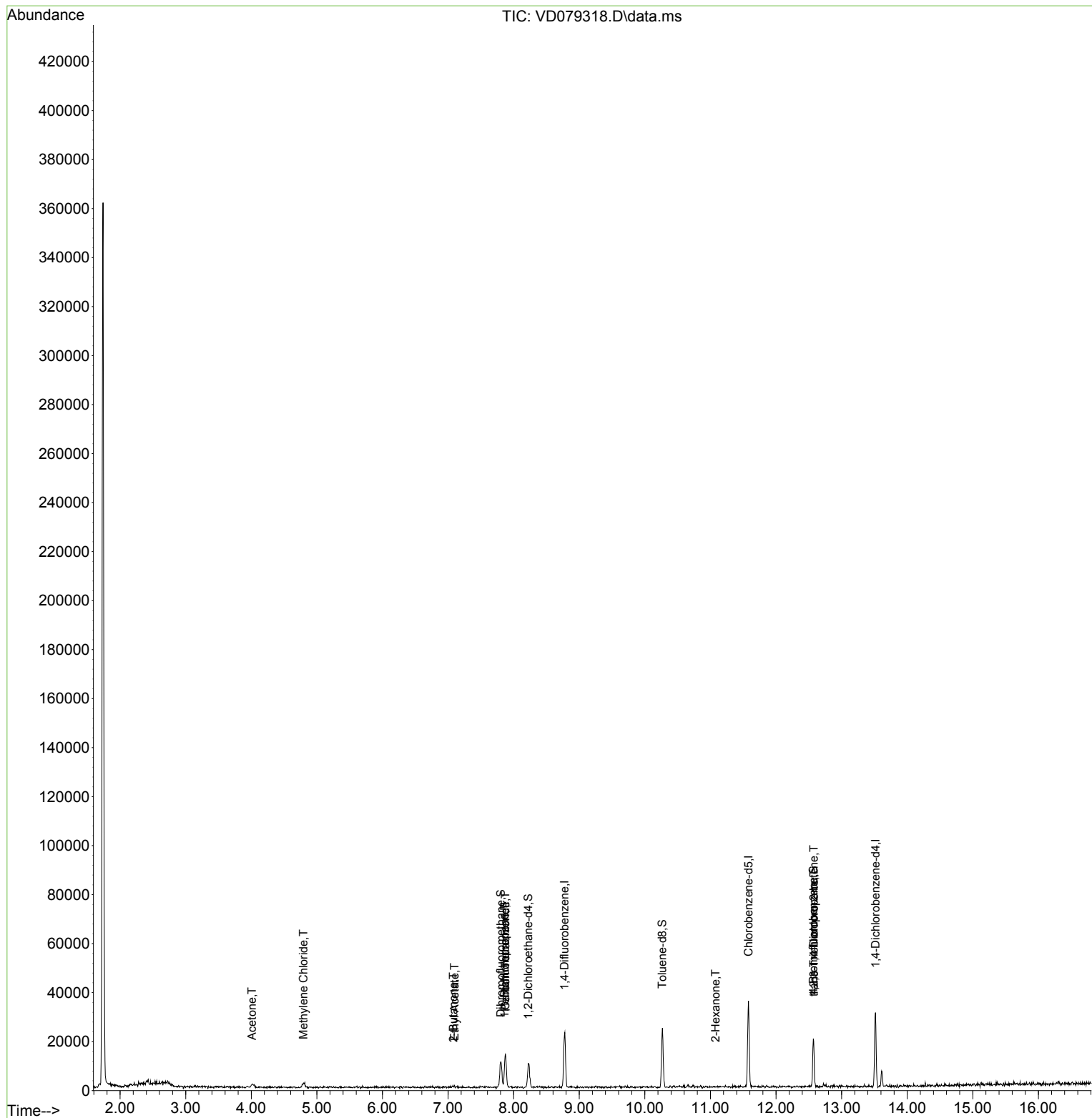
Internal Standards						
1) Pentafluorobenzene	7.869	168	10309	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	19668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	21549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	7841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	7910	81.000	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 162.000%	
35) Dibromofluoromethane	7.804	113	7878	61.022	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.040%	
50) Toluene-d8	10.263	98	18123	39.021	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 78.040%	
62) 4-Bromofluorobenzene	12.569	95	6990	46.935	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.860%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.699	94	403	Below Cal	#	10
16) Acetone	4.010	43	2294	93.758	ug/l	94
20) Methylene Chloride	4.793	84	1518	3.903	ug/l #	62
25) 2-Butanone	7.081	43	136	3.990	ug/l #	42
36) 1,1-Dichloropropene	7.863	75	1032	5.145	ug/l #	39
37) Ethyl Acetate	7.099	43	288	3.772	ug/l #	64
38) Carbon Tetrachloride	7.875	117	1256	6.166	ug/l #	13
59) 2-Hexanone	11.081	43	59	1.083	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	3393	43.240	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	3393	80.237	ug/l #	19

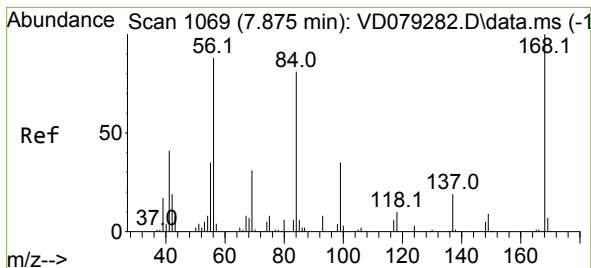
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD079318.D

Acq: 02 Jul 2024 14:52

Instrument :

MSVOA_D

ClientSampleId :

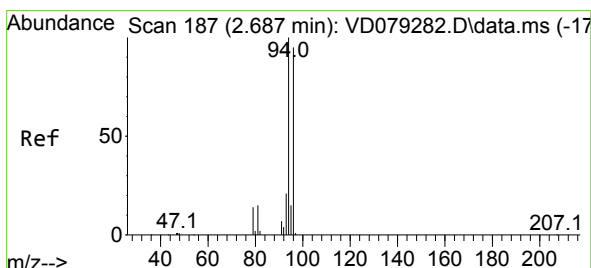
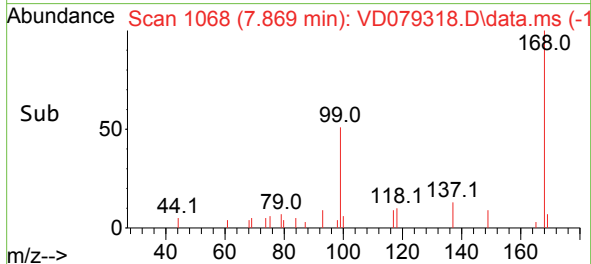
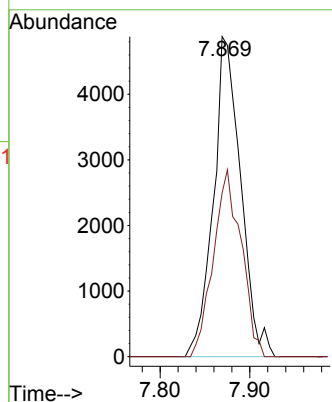
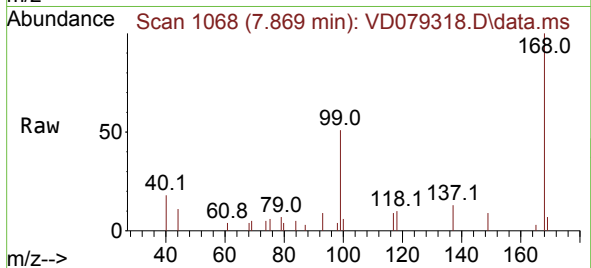
B-129-SB01RE

Tgt Ion:168 Resp: 10309

Ion Ratio Lower Upper

168 100

99 51.1 41.1 61.7



#5

Bromomethane

Concen: Below Cal

RT: 2.699 min Scan# 189

Delta R.T. 0.041 min

Lab File: VD079318.D

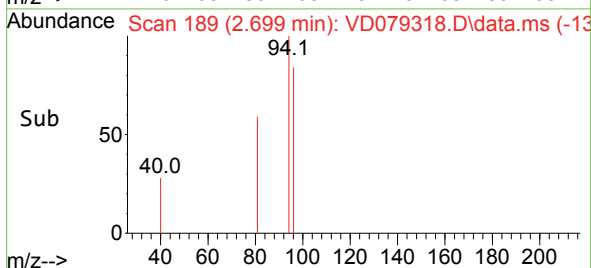
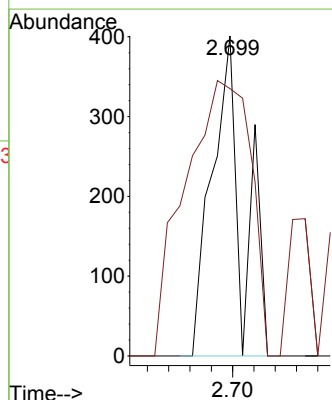
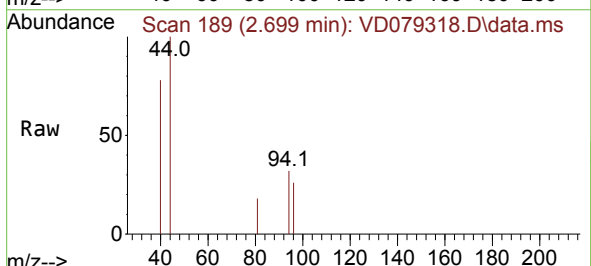
Acq: 02 Jul 2024 14:52

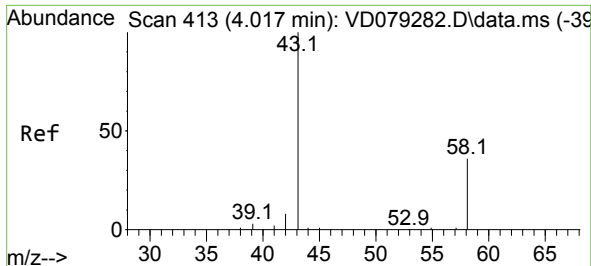
Tgt Ion: 94 Resp: 403

Ion Ratio Lower Upper

94 100

96 184.4 76.9 115.3#





#16

Acetone

Concen: 93.758 ug/l

RT: 4.010 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD079318.D

Acq: 02 Jul 2024 14:52

Instrument :

MSVOA_D

ClientSampleId :

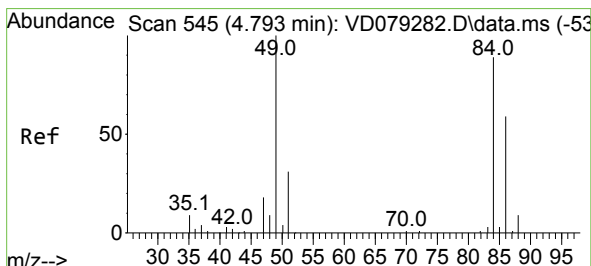
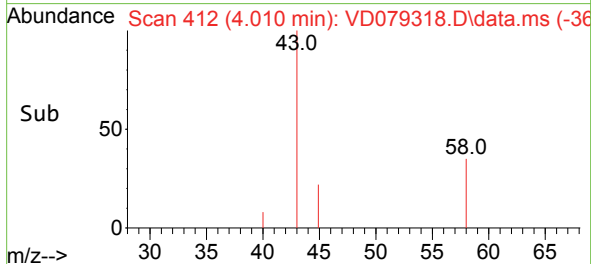
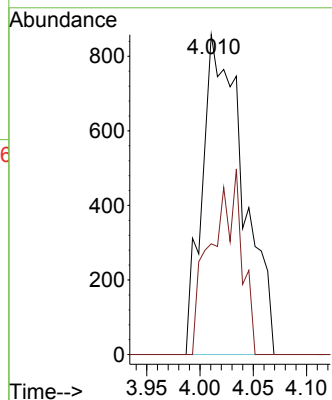
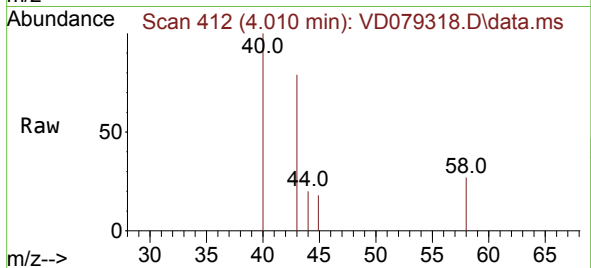
B-129-SB01RE

Tgt Ion: 43 Resp: 2294

Ion Ratio Lower Upper

43 100

58 34.6 30.4 45.6



#20

Methylene Chloride

Concen: 3.903 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.000 min

Lab File: VD079318.D

Acq: 02 Jul 2024 14:52

Tgt Ion: 84 Resp: 1518

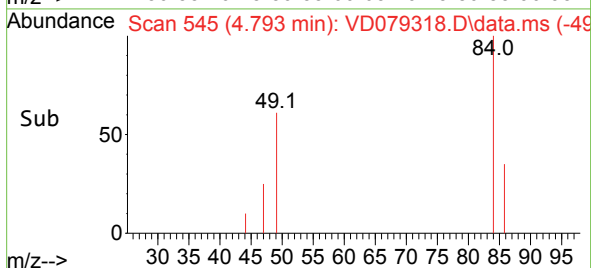
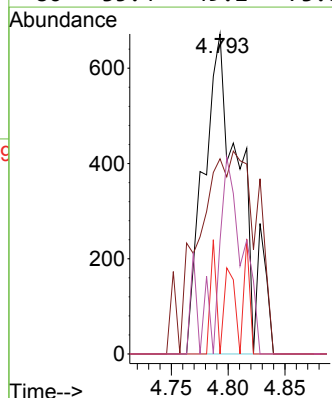
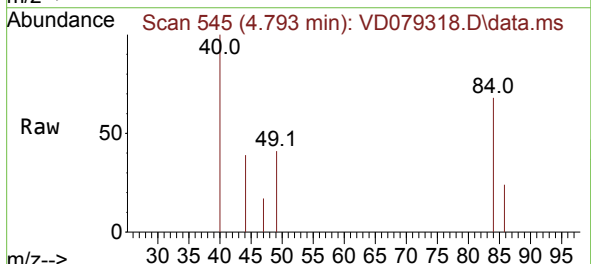
Ion Ratio Lower Upper

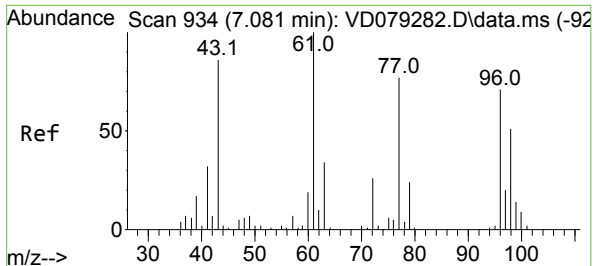
84 100

49 61.0 75.6 113.4#

51 0.0 24.2 36.2#

86 35.4 49.2 73.8#





#25

2-Butanone

Concen: 3.990 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079318.D

Acq: 02 Jul 2024 14:52

Instrument :

MSVOA_D

ClientSampleId :

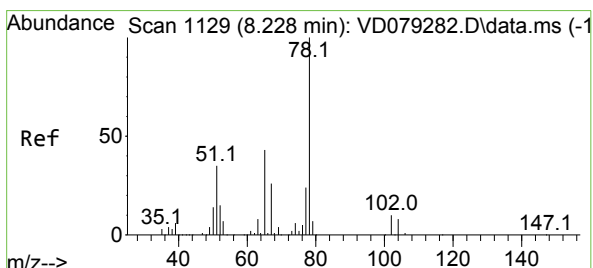
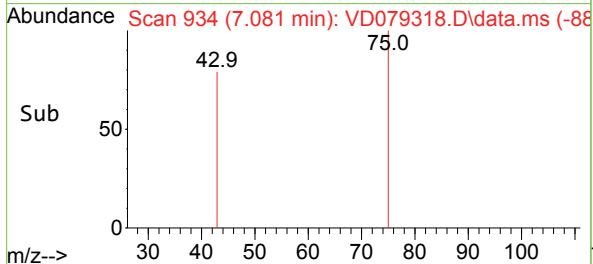
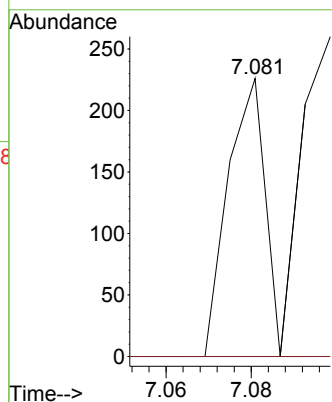
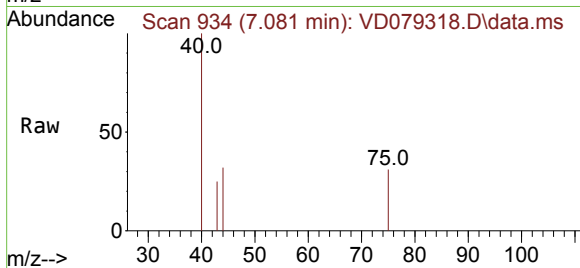
B-129-SB01RE

Tgt Ion: 43 Resp: 136

Ion Ratio Lower Upper

43 100

72 0.0 26.4 39.6#



#33

1,2-Dichloroethane-d4

Concen: 81.000 ug/l

RT: 8.222 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VD079318.D

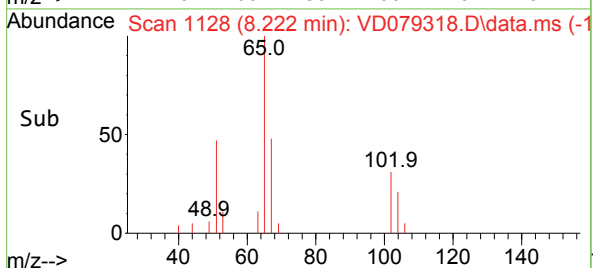
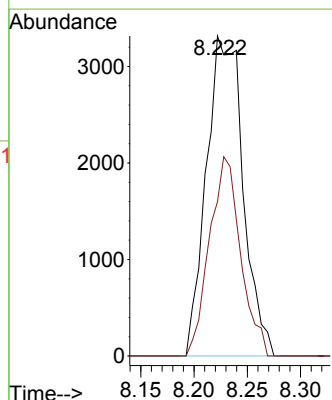
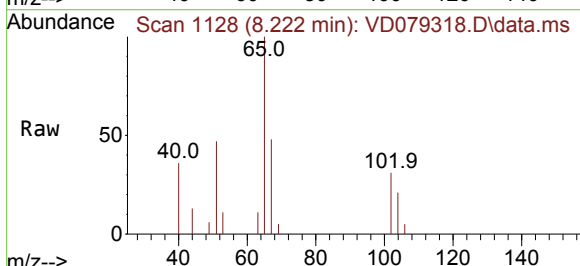
Acq: 02 Jul 2024 14:52

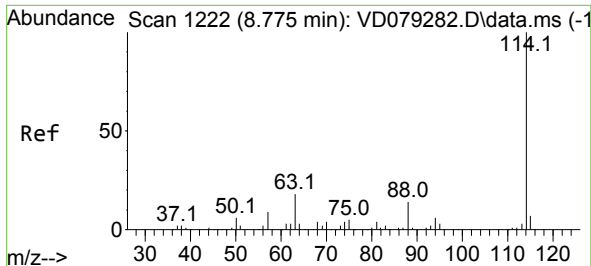
Tgt Ion: 65 Resp: 7910

Ion Ratio Lower Upper

65 100

67 53.0 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079318.D

Acq: 02 Jul 2024 14:52

Instrument :

MSVOA_D

ClientSampleId :

B-129-SB01RE

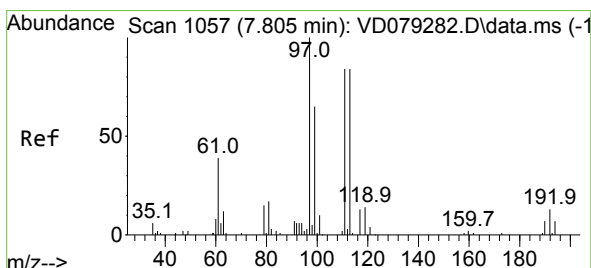
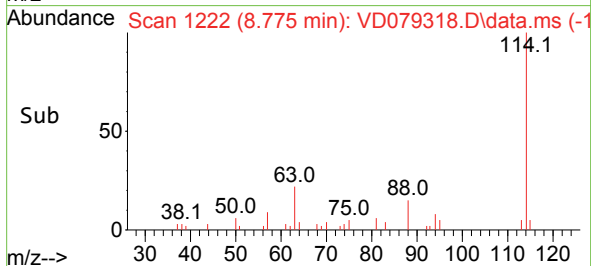
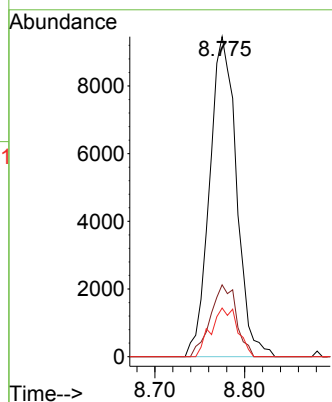
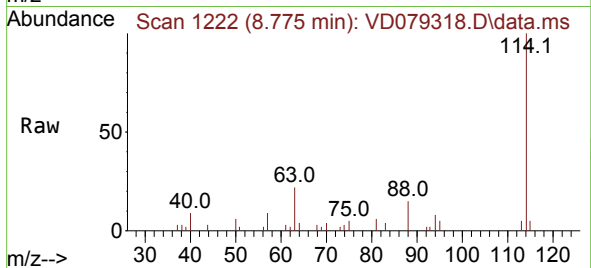
Tgt Ion:114 Resp: 19668

Ion Ratio Lower Upper

114 100

63 22.5 0.0 34.0

88 15.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 61.022 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079318.D

Acq: 02 Jul 2024 14:52

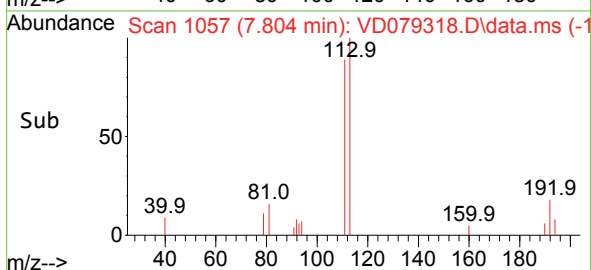
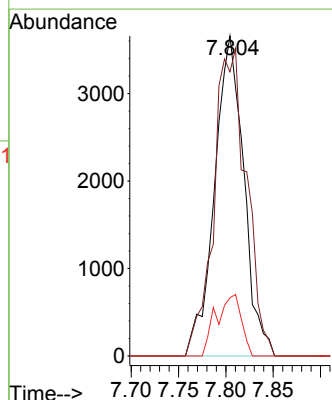
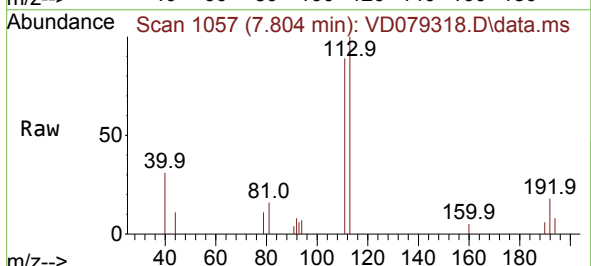
Tgt Ion:113 Resp: 7878

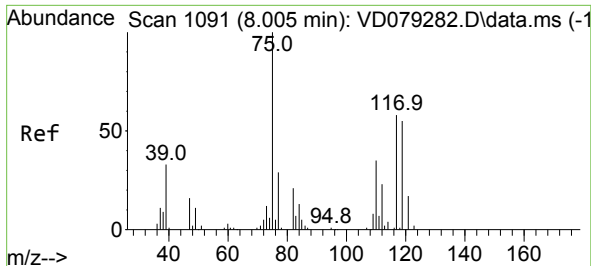
Ion Ratio Lower Upper

113 100

111 106.5 84.0 126.0

192 16.5 15.4 23.0

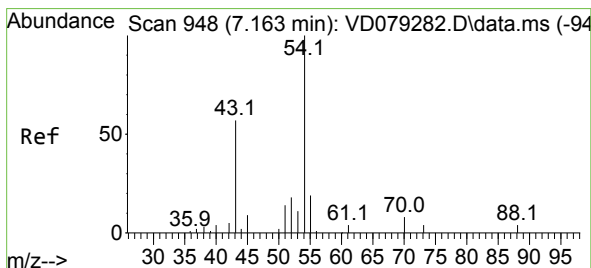
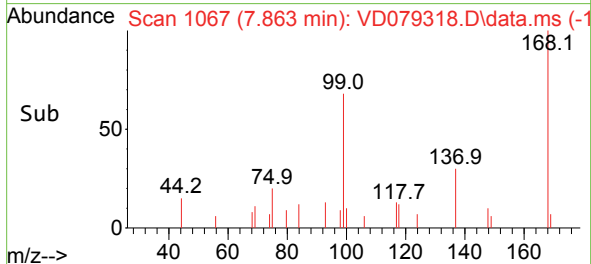
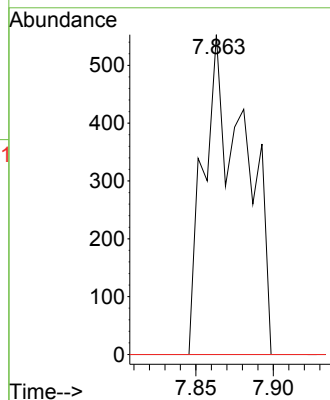
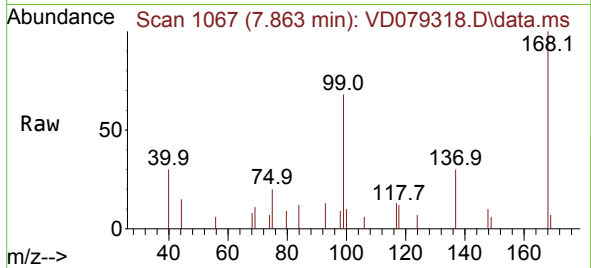




#36
1,1-Dichloropropene
Concen: 5.145 ug/l
RT: 7.863 min Scan# 1091
Delta R.T. -0.141 min
Lab File: VD079318.D
Acq: 02 Jul 2024 14:52

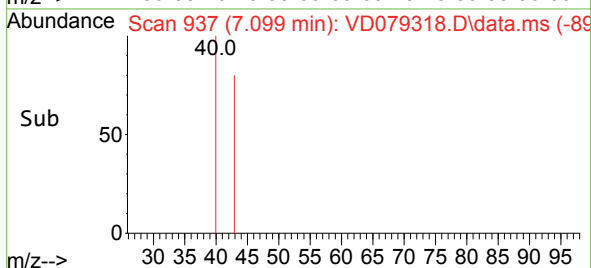
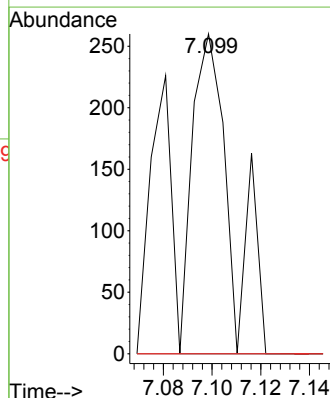
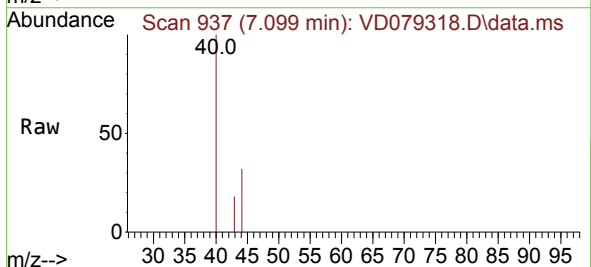
Instrument :
MSVOA_D
ClientSampleId :
B-129-SB01RE

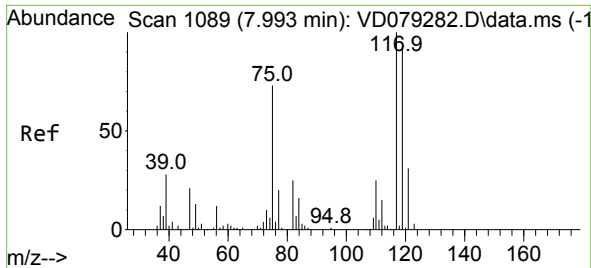
Tgt Ion: 75 Resp: 1032
Ion Ratio Lower Upper
75 100
110 0.0 19.6 58.7#
77 0.0 26.1 39.1#



#37
Ethyl Acetate
Concen: 3.772 ug/l
RT: 7.099 min Scan# 937
Delta R.T. -0.065 min
Lab File: VD079318.D
Acq: 02 Jul 2024 14:52

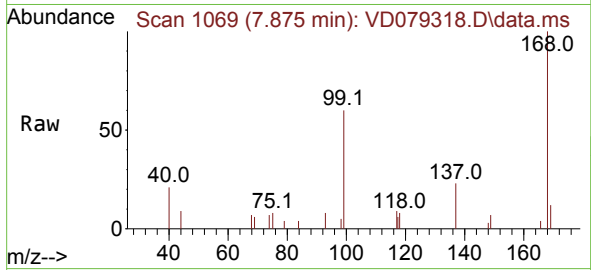
Tgt Ion: 43 Resp: 288
Ion Ratio Lower Upper
43 100
61 0.0 13.9 20.9#
70 0.0 9.8 14.6#



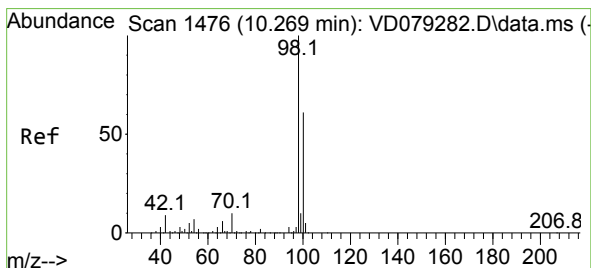
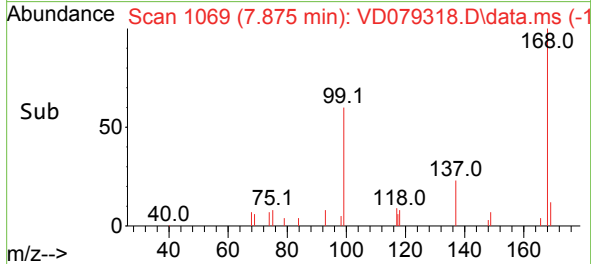
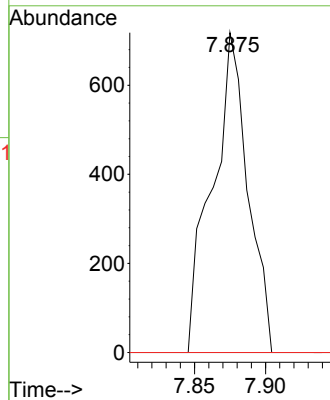


#38
Carbon Tetrachloride
Concen: 6.166 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.112 min
Lab File: VD079318.D
Acq: 02 Jul 2024 14:52

Instrument :
MSVOA_D
ClientSampleId :
B-129-SB01RE

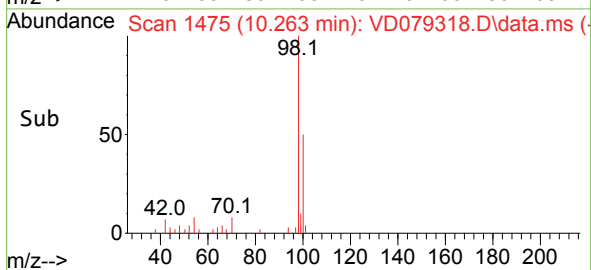
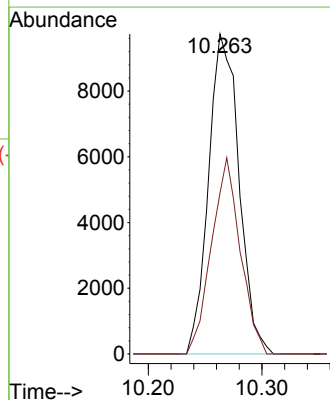
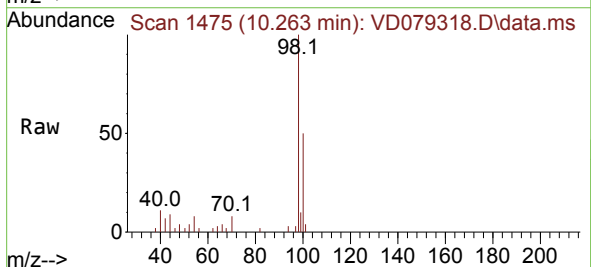


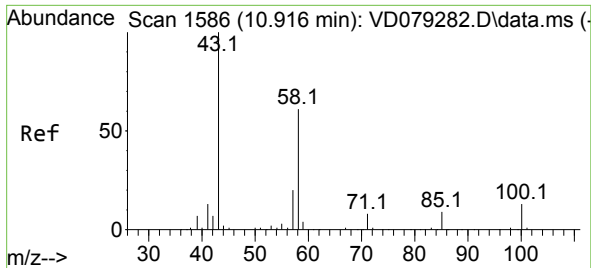
Tgt Ion:117 Resp: 1256
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 39.021 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD079318.D
Acq: 02 Jul 2024 14:52

Tgt Ion: 98 Resp: 18123
Ion Ratio Lower Upper
98 100
100 58.1 51.6 77.4

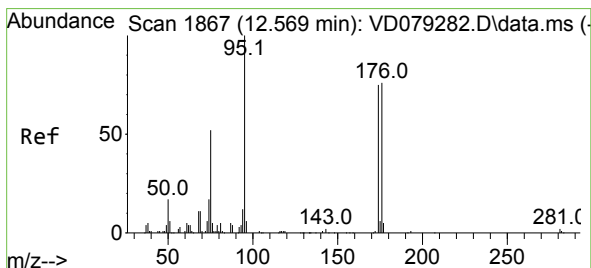
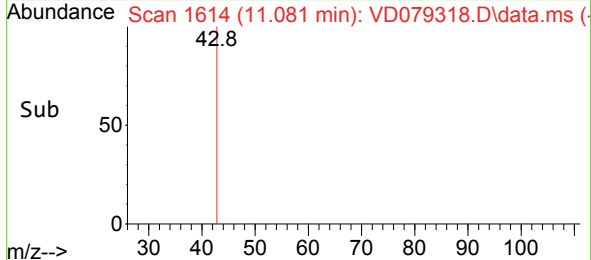
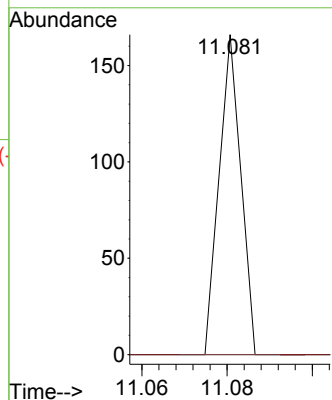
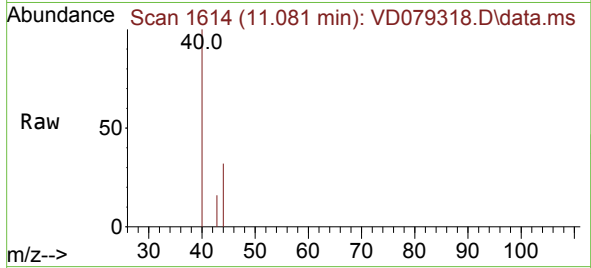




#59
2-Hexanone
Concen: 1.083 ug/l
RT: 11.081 min Scan# 1108
Delta R.T. 0.159 min
Lab File: VD079318.D
Acq: 02 Jul 2024 14:52

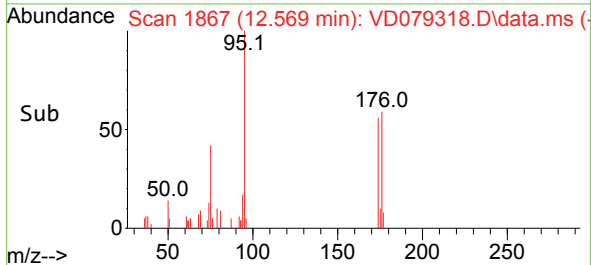
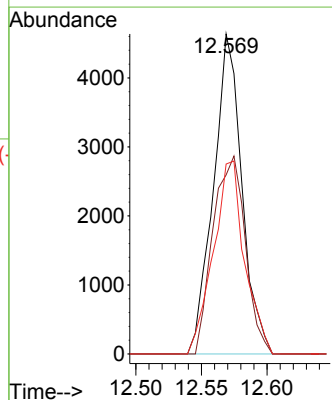
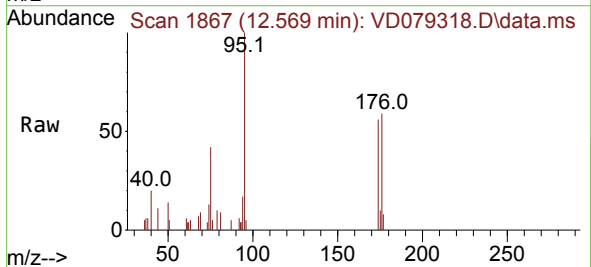
Instrument :
MSVOA_D
ClientSampleId :
B-129-SB01RE

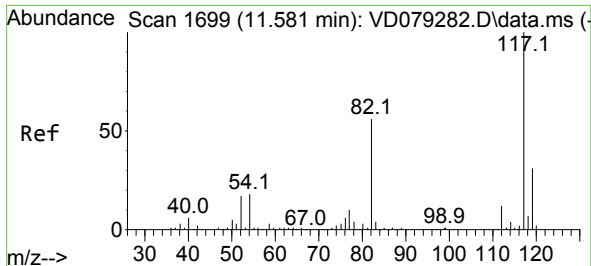
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
58 0.0 31.1 93.5#



#62
4-Bromofluorobenzene
Concen: 46.935 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079318.D
Acq: 02 Jul 2024 14:52

Tgt Ion: 95 Resp: 6990
Ion Ratio Lower Upper
95 100
174 70.3 0.0 195.4
176 66.3 0.0 192.6

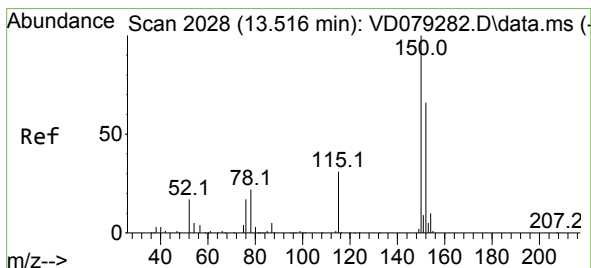
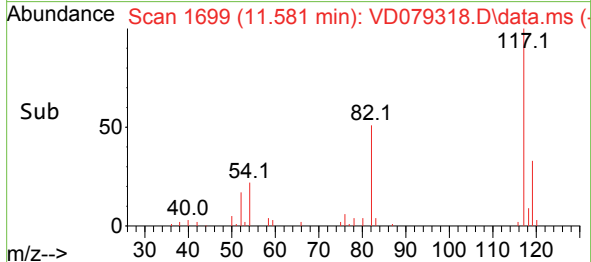
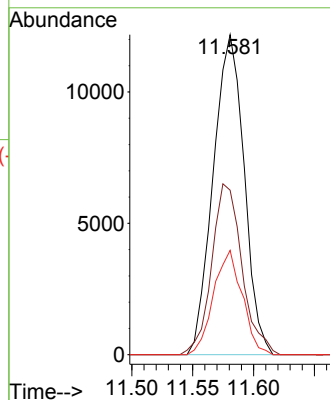
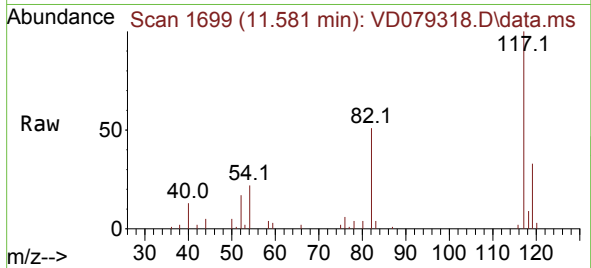




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079318.D
Acq: 02 Jul 2024 14:52

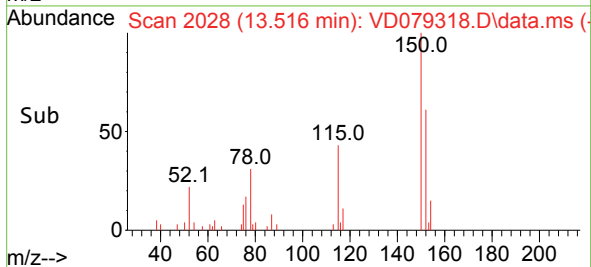
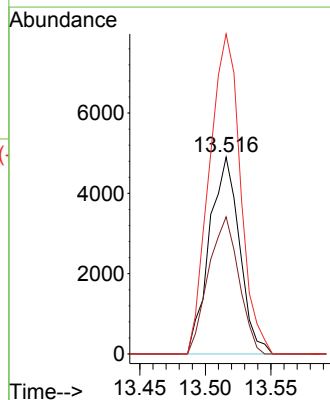
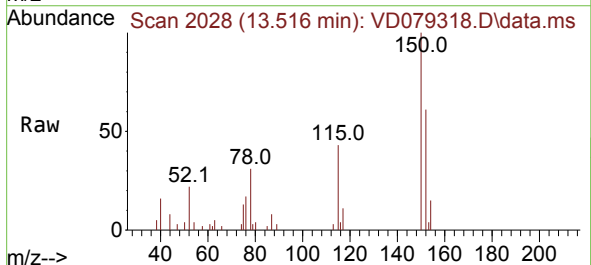
Instrument :
MSVOA_D
ClientSampleId :
B-129-SB01RE

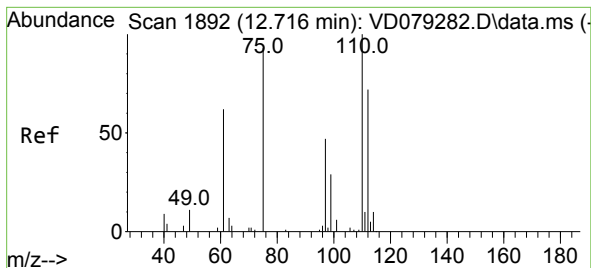
Tgt Ion:117	Resp:	21549
Ion Ratio	Lower	Upper
117	100	
82	51.4	39.8 59.6
119	32.6	25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079318.D
Acq: 02 Jul 2024 14:52

Tgt Ion:152	Resp:	7841
Ion Ratio	Lower	Upper
152	100	
115	70.1	26.5 79.5
150	167.9	0.0 341.6





#76

1,2,3-Trichloropropane

Concen: 43.240 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. -0.147 min

Lab File: VD079318.D

Acq: 02 Jul 2024 14:52

Instrument :

MSVOA_D

ClientSampleId :

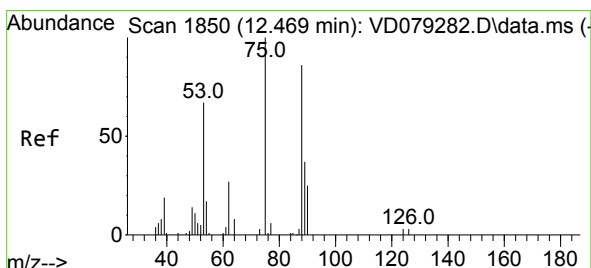
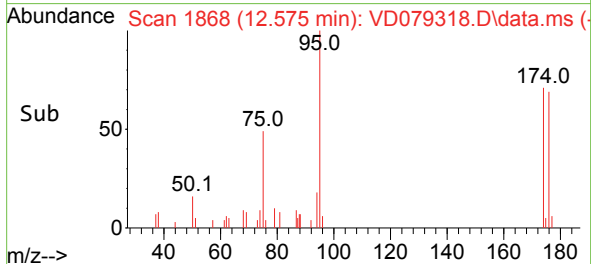
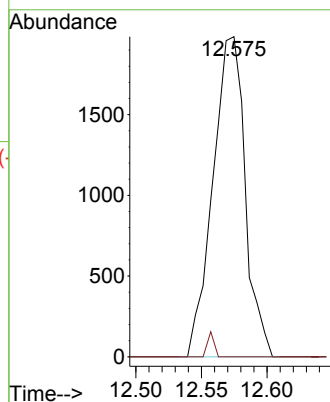
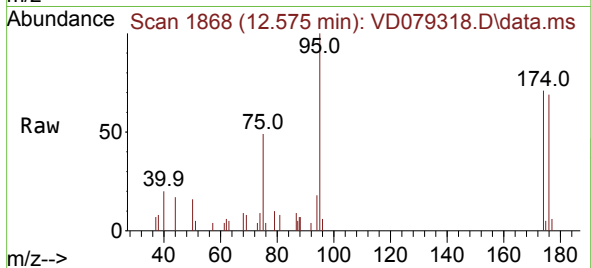
B-129-SB01RE

Tgt Ion: 75 Resp: 3393

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 80.237 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.106 min

Lab File: VD079318.D

Acq: 02 Jul 2024 14:52

Tgt Ion: 75 Resp: 3393

Ion Ratio Lower Upper

75 100

53 0.0 61.4 92.2#

89 0.0 35.4 53.0#

