

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020824\
 Data File : VD078374.D
 Acq On : 08 Feb 2024 17:29
 Operator : RP/MD
 Sample : P1413-04
 Misc : 5.08G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 09 03:12:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D013024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 03:58:19 2024
 Response via : Initial Calibration

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

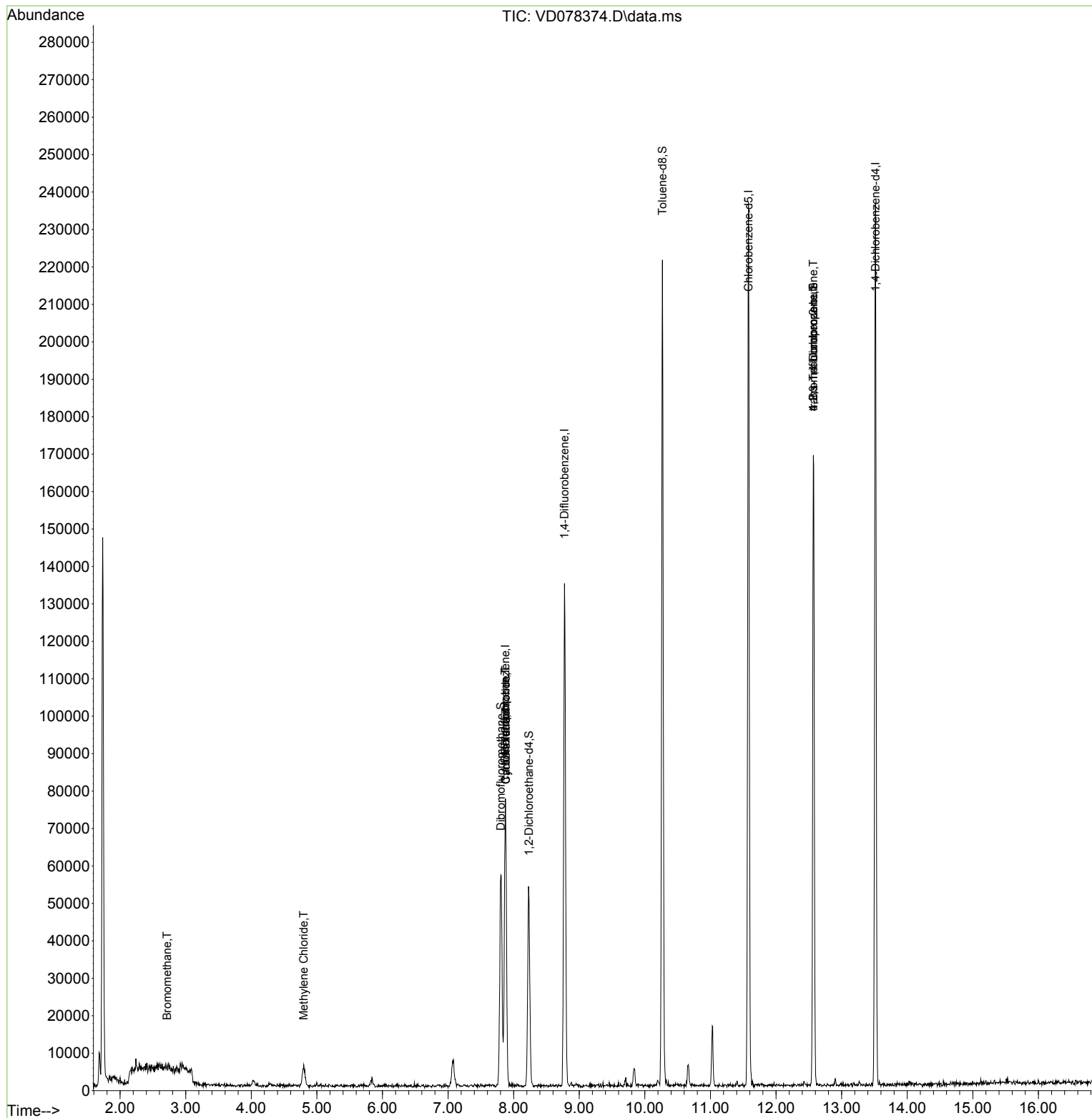
Internal Standards						
1) Pentafluorobenzene	7.875	168	55226	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	116410	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	134017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	62152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	39867	58.314	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.620%	
35) Dibromofluoromethane	7.804	113	42083	50.779	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.560%	
50) Toluene-d8	10.269	98	145923	46.506	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.020%	
62) 4-Bromofluorobenzene	12.569	95	53550	56.989	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.980%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.716	94	977	1.065	ug/l	# 2
16) Acetone	4.022	43	1445	Below Cal		99
20) Methylene Chloride	4.799	84	3831	1.895	ug/l	# 81
31) Cyclohexane	7.881	56	1515	1.183	ug/l	# 56
36) 1,1-Dichloropropene	7.869	75	4719	3.434	ug/l	# 45
38) Carbon Tetrachloride	7.881	117	6037	4.468	ug/l	# 23
76) 1,2,3-Trichloropropane	12.569	75	27633	42.538	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	27633	84.600	ug/l	# 17

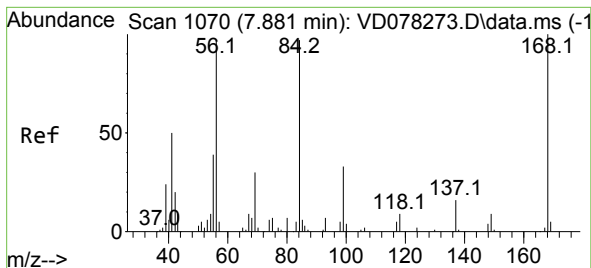
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Feb 01 03:58:19 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD078374.D

Acq: 08 Feb 2024 17:29

Instrument :

MSVOA_D

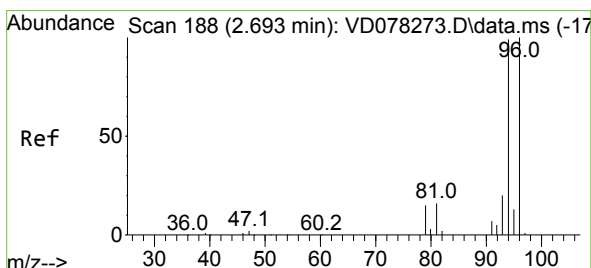
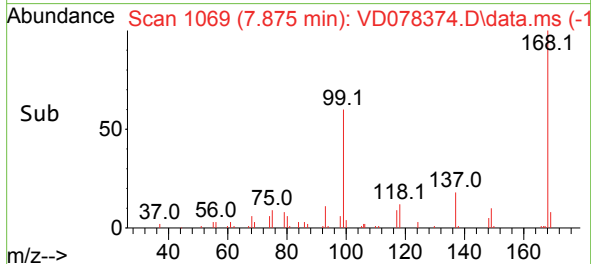
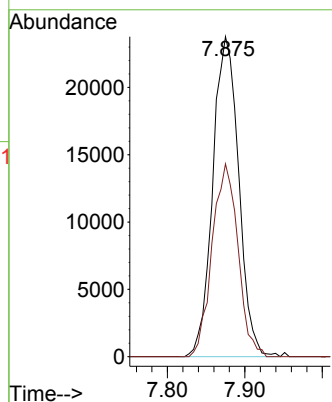
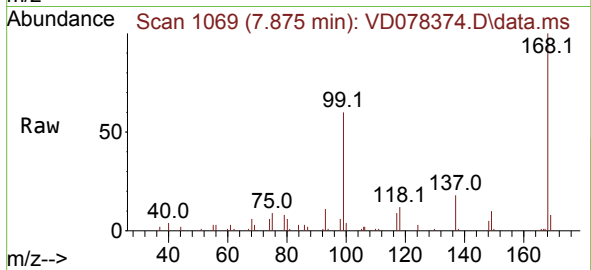
ClientSampleId :

Tgt Ion:168 Resp: 55226

Ion Ratio Lower Upper

168 100

99 60.3 36.7 55.1#



#5

Bromomethane

Concen: 1.065 ug/l

RT: 2.716 min Scan# 192

Delta R.T. 0.024 min

Lab File: VD078374.D

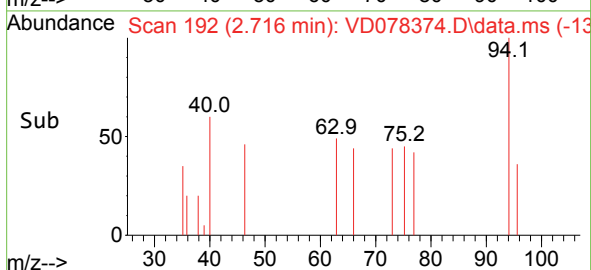
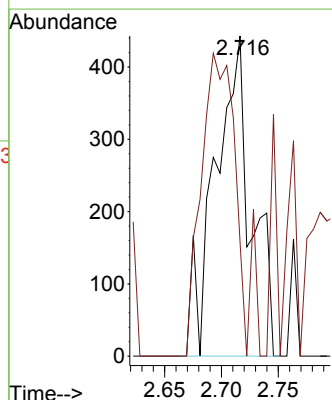
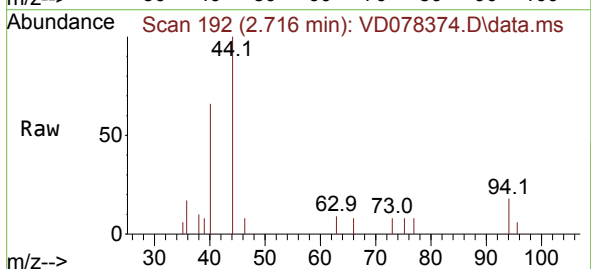
Acq: 08 Feb 2024 17:29

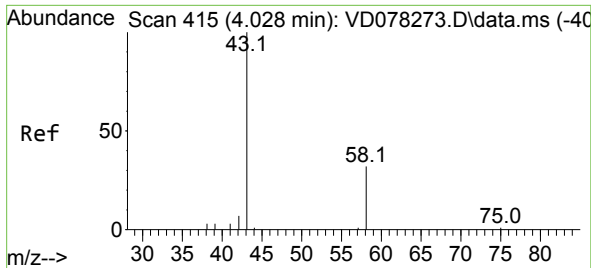
Tgt Ion: 94 Resp: 977

Ion Ratio Lower Upper

94 100

96 0.0 75.8 113.8#





#16

Acetone

Concen: Below Cal

RT: 4.022 min Scan# 415

Delta R.T. -0.006 min

Lab File: VD078374.D

Acq: 08 Feb 2024 17:29

Instrument :

MSVOA_D

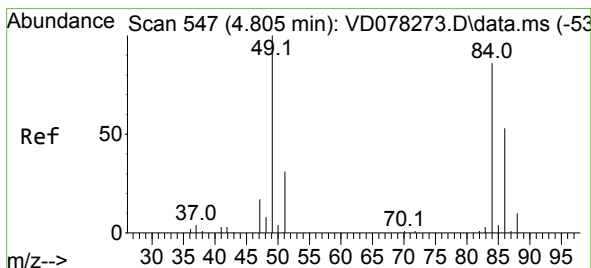
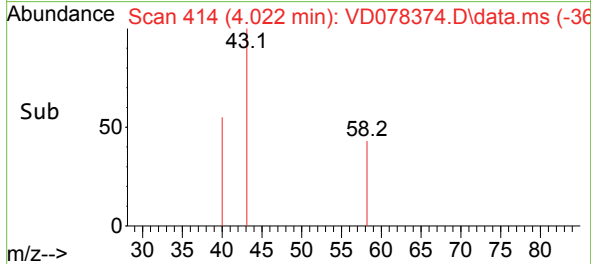
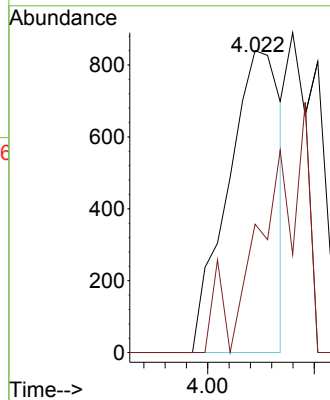
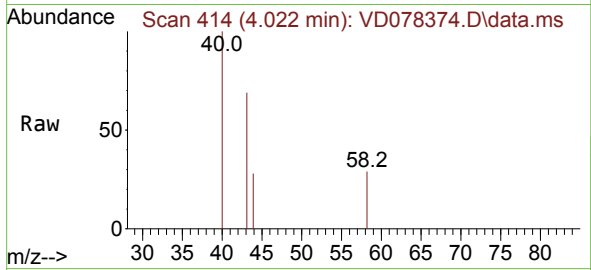
ClientSampleId :

Tgt Ion: 43 Resp: 1445

Ion Ratio Lower Upper

43 100

58 42.5 34.7 52.1



#20

Methylene Chloride

Concen: 1.895 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD078374.D

Acq: 08 Feb 2024 17:29

Tgt Ion: 84 Resp: 3831

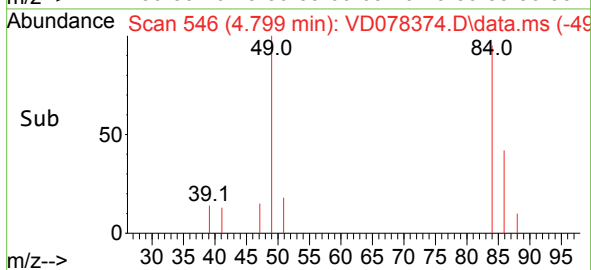
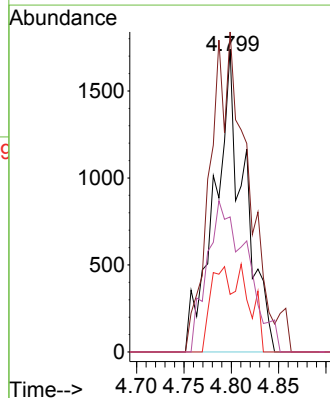
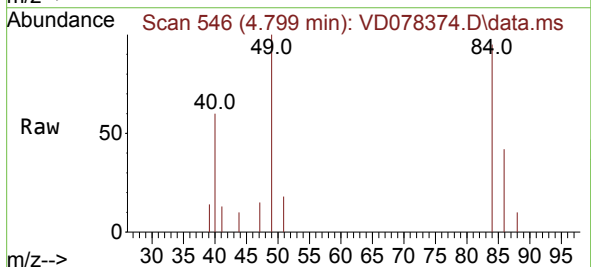
Ion Ratio Lower Upper

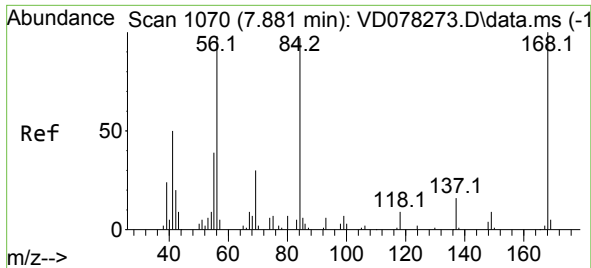
84 100

49 105.6 71.4 107.2

51 19.0 24.5 36.7#

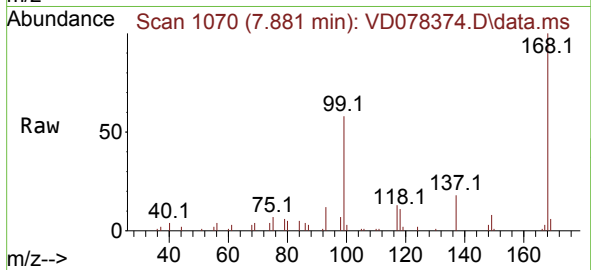
86 44.6 48.7 73.1#



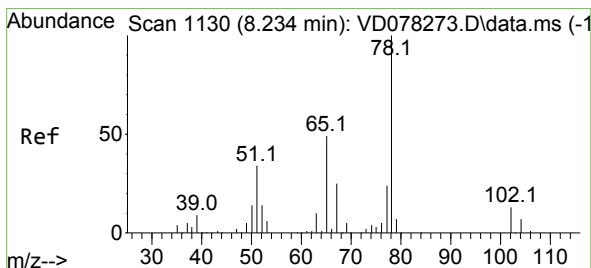
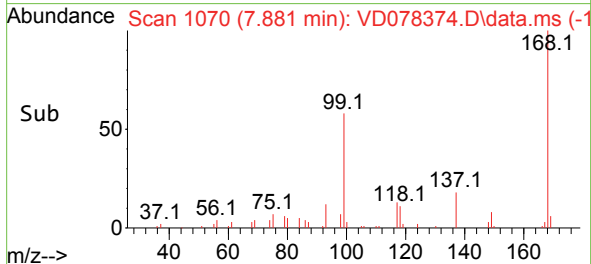
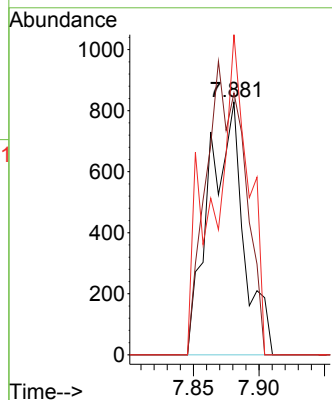


#31
Cyclohexane
Concen: 1.183 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078374.D
Acq: 08 Feb 2024 17:29

Instrument :
MSVOA_D
ClientSampleId :

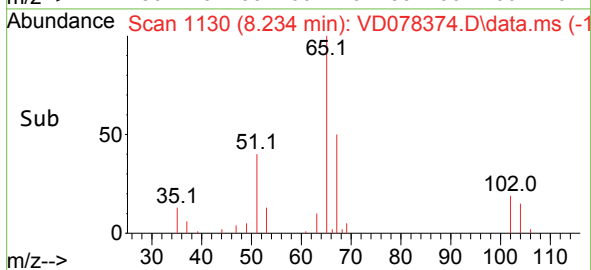
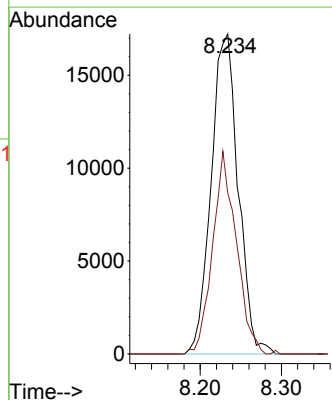
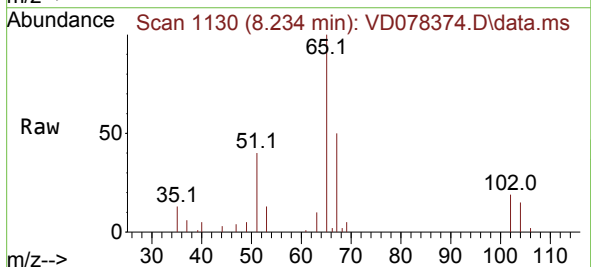


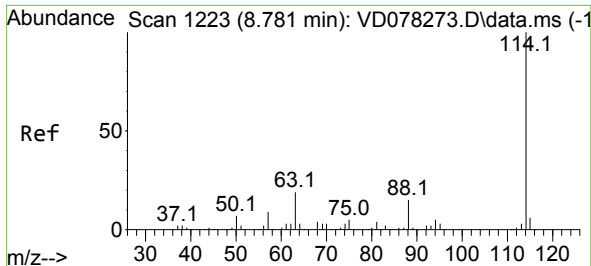
Tgt Ion: 56 Resp: 1515
Ion Ratio Lower Upper
56 100
69 103.6 28.6 43.0#
84 126.7 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 58.314 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078374.D
Acq: 08 Feb 2024 17:29

Tgt Ion: 65 Resp: 39867
Ion Ratio Lower Upper
65 100
67 55.6 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078374.D

Acq: 08 Feb 2024 17:29

Instrument :

MSVOA_D

ClientSampleId :

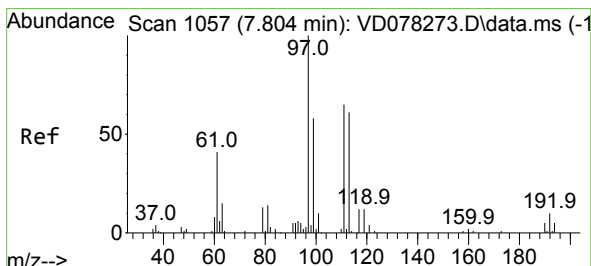
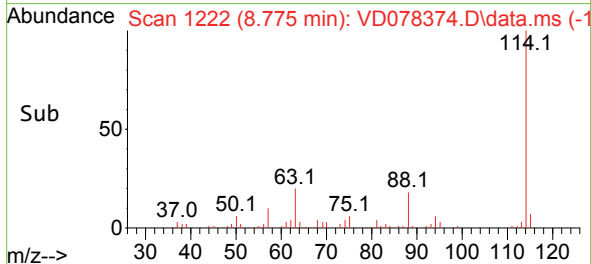
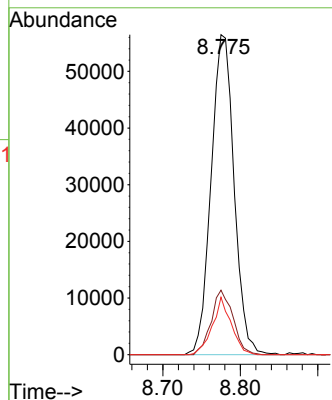
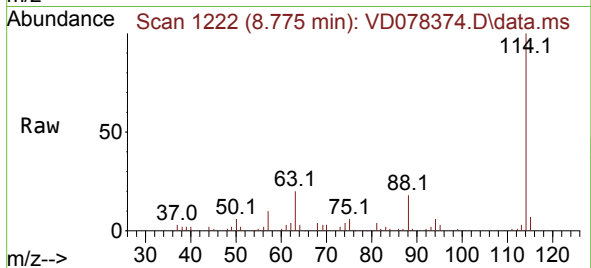
Tgt Ion:114 Resp: 116410

Ion Ratio Lower Upper

114 100

63 20.2 0.0 33.4

88 18.0 0.0 26.2



#35

Dibromofluoromethane

Concen: 50.779 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078374.D

Acq: 08 Feb 2024 17:29

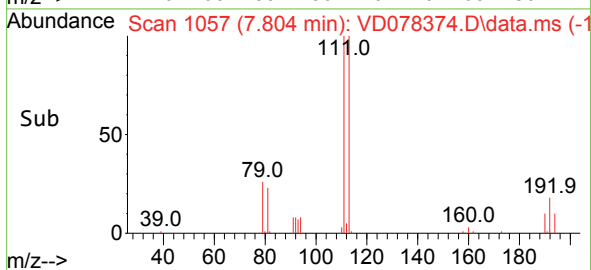
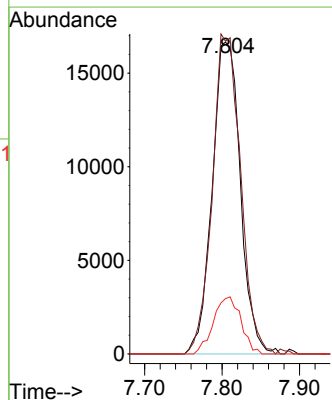
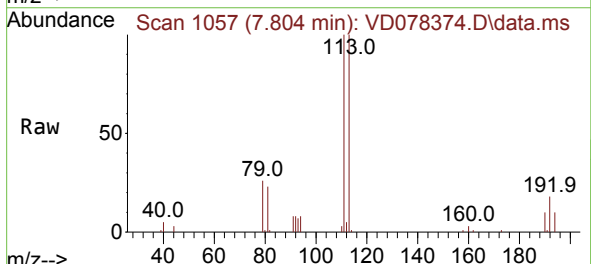
Tgt Ion:113 Resp: 42083

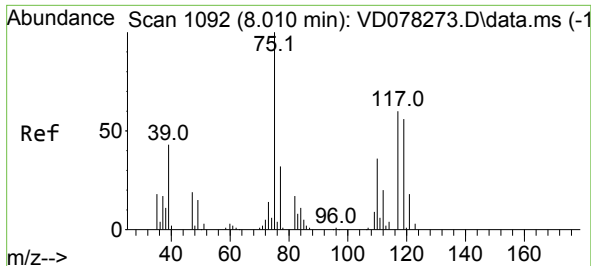
Ion Ratio Lower Upper

113 100

111 102.3 84.7 127.1

192 17.9 16.8 25.2





#36

1,1-Dichloropropene

Concen: 3.434 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

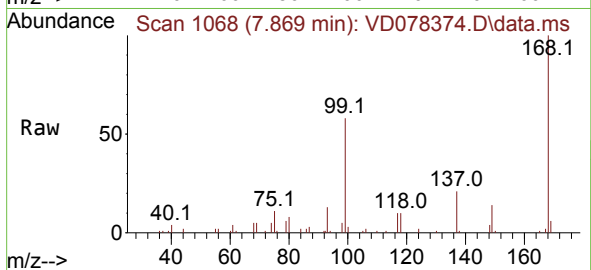
Lab File: VD078374.D

Acq: 08 Feb 2024 17:29

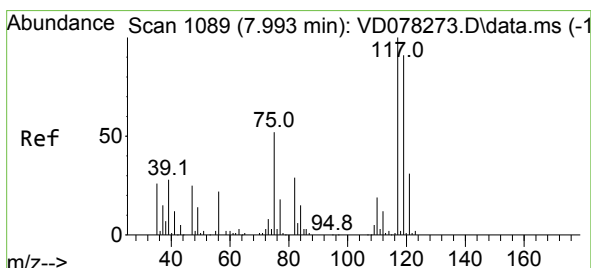
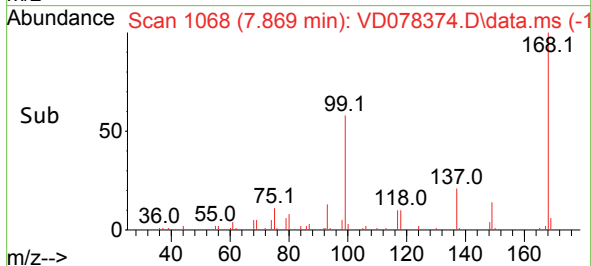
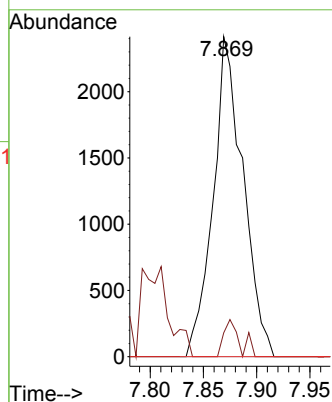
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 75	Resp: 4719
Ion Ratio	Lower Upper
75	100
110	6.2 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 4.468 ug/l

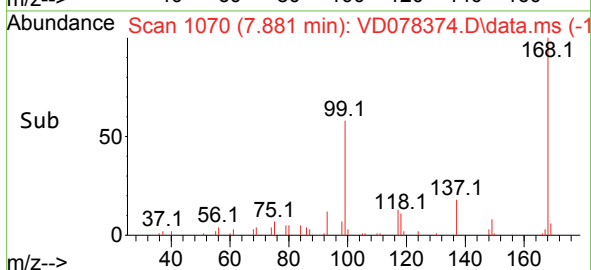
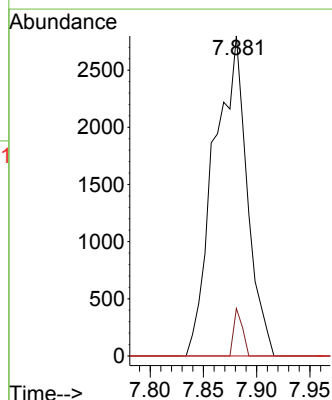
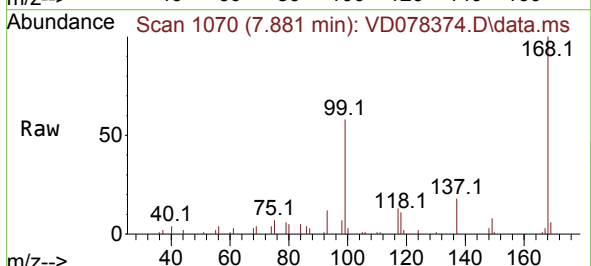
RT: 7.881 min Scan# 1070

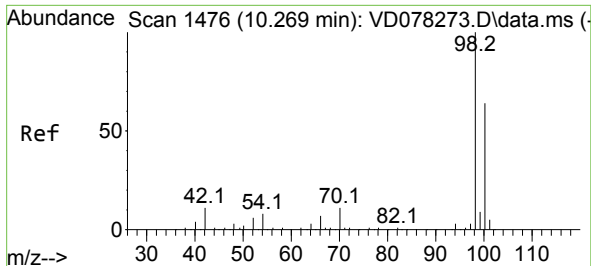
Delta R.T. -0.112 min

Lab File: VD078374.D

Acq: 08 Feb 2024 17:29

Tgt Ion: 117	Resp: 6037
Ion Ratio	Lower Upper
117	100
119	14.8 78.0 117.0#
121	0.0 24.2 36.2#

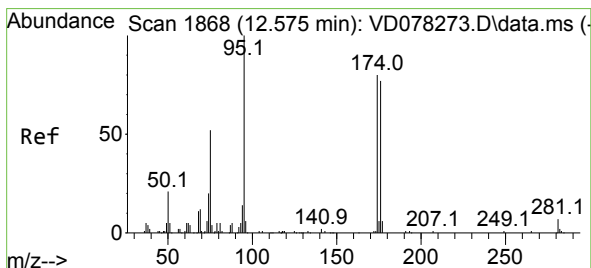
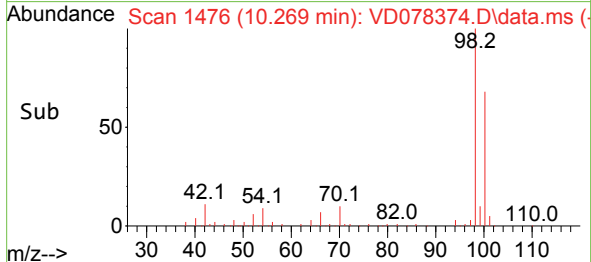
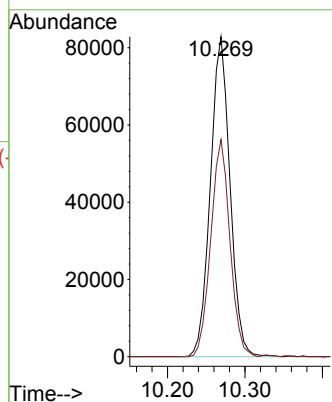
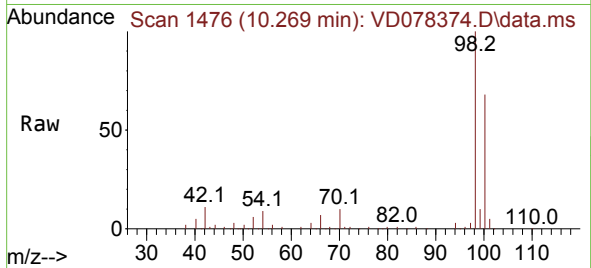




#50
Toluene-d8
Concen: 46.506 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078374.D
Acq: 08 Feb 2024 17:29

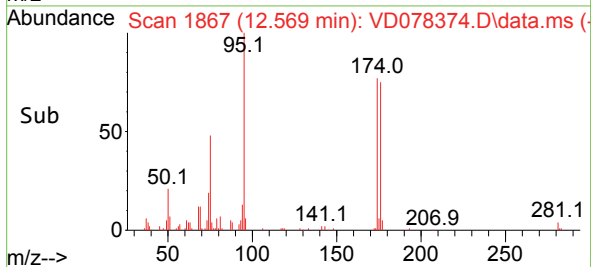
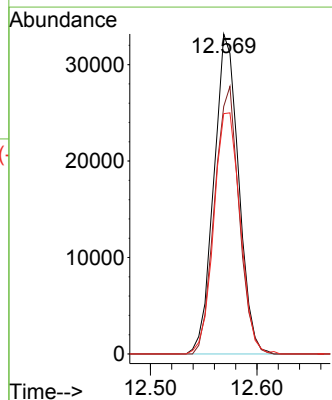
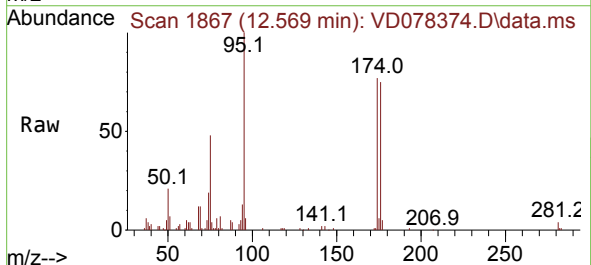
Instrument :
MSVOA_D
ClientSampleId :

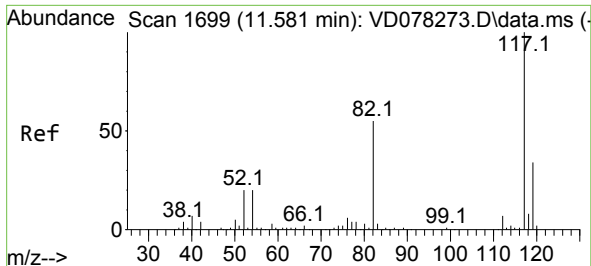
Tgt Ion: 98 Resp: 145923
Ion Ratio Lower Upper
98 100
100 66.1 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 56.989 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD078374.D
Acq: 08 Feb 2024 17:29

Tgt Ion: 95 Resp: 53550
Ion Ratio Lower Upper
95 100
174 82.4 0.0 201.8
176 80.2 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078374.D

Acq: 08 Feb 2024 17:29

Instrument :

MSVOA_D

ClientSampleId :

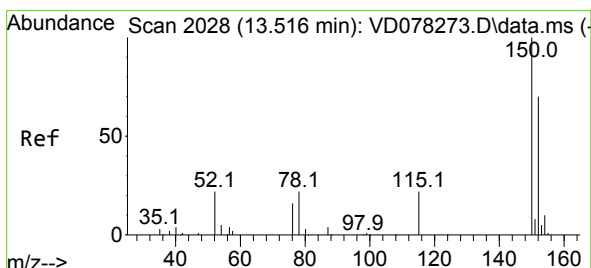
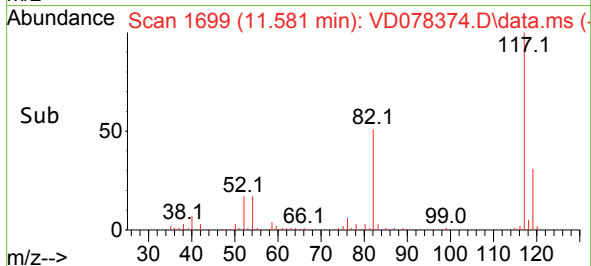
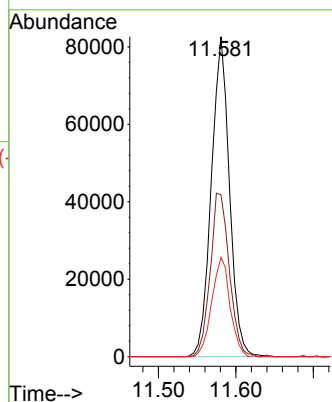
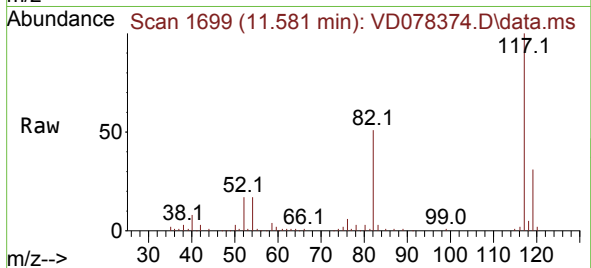
Tgt Ion:117 Resp: 134017

Ion Ratio Lower Upper

117 100

82 50.6 38.3 57.5

119 31.0 25.0 37.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.000 min

Lab File: VD078374.D

Acq: 08 Feb 2024 17:29

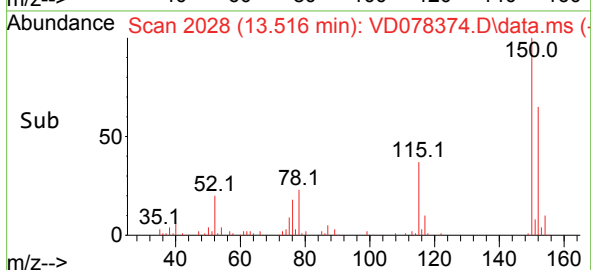
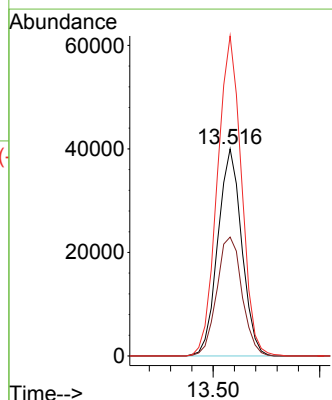
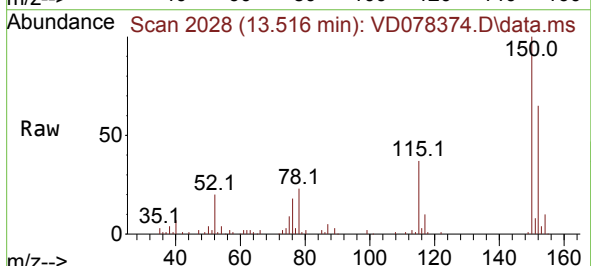
Tgt Ion:152 Resp: 62152

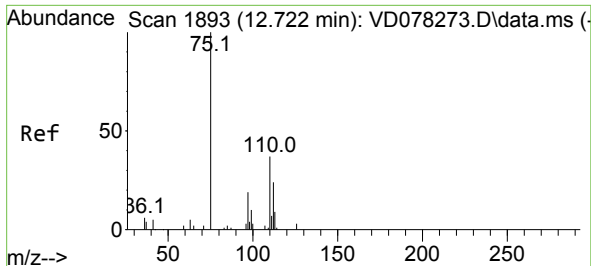
Ion Ratio Lower Upper

152 100

115 60.7 27.1 81.3

150 156.0 0.0 353.6

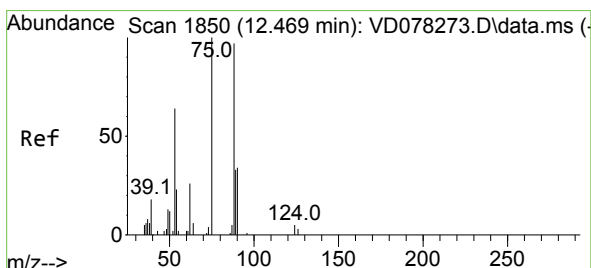
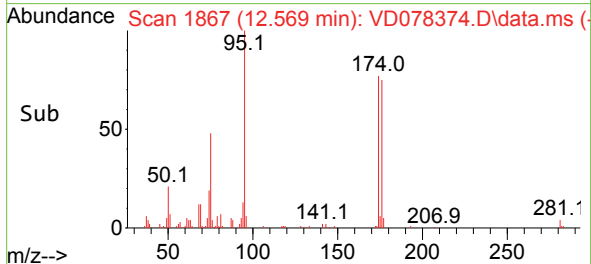
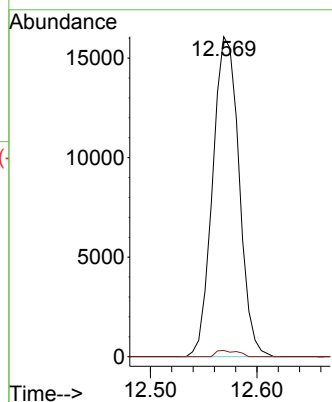
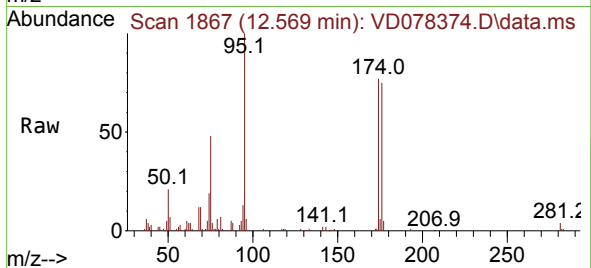




#76
1,2,3-Trichloropropane
Concen: 42.538 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD078374.D
Acq: 08 Feb 2024 17:29

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 27633
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.600 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD078374.D
Acq: 08 Feb 2024 17:29

Tgt Ion: 75 Resp: 27633
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

