

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017209.D
 Acq On : 03 Feb 2024 02:31
 Operator : SY/MD
 Sample : P1318-02
 Misc : 4.83g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CO-11-GRID-2

Quant Time: Feb 03 04:29:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

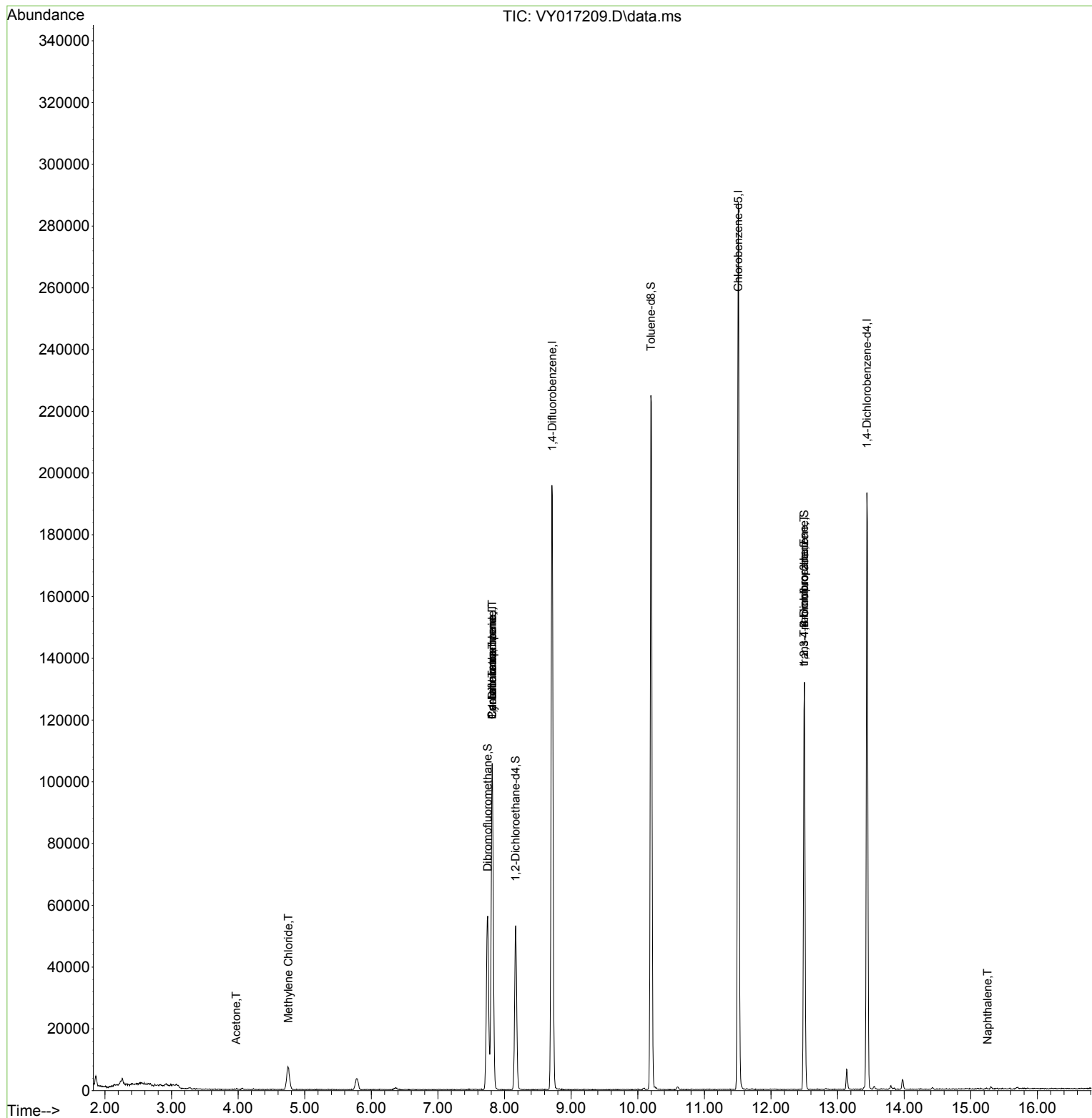
Internal Standards						
1) Pentafluorobenzene	7.813	168	79586	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	170056	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	157607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	49187	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	39181	55.109	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.220%
35) Dibromofluoromethane	7.746	113	41348	45.032	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.060%
50) Toluene-d8	10.197	98	148759	44.498	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.000%
62) 4-Bromofluorobenzene	12.502	95	41083	37.514	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.020%
Target Compounds						
					Qvalue	
16) Acetone	3.973	43	369	1.766	ug/l #	41
20) Methylene Chloride	4.753	84	5703	3.398	ug/l	95
31) Cyclohexane	7.813	56	1971	1.375	ug/l #	31
36) 1,1-Dichloropropene	7.813	75	6655	4.202	ug/l #	49
38) Carbon Tetrachloride	7.813	117	7769	5.123	ug/l #	18
76) 1,2,3-Trichloropropane	12.496	75	21247	46.801	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.496	75	21247	97.246	ug/l #	12
95) Naphthalene	15.251	128	133	3.518	ug/l #	69

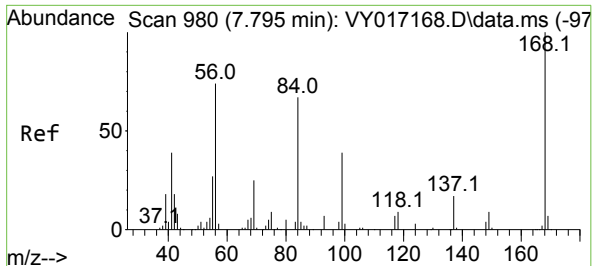
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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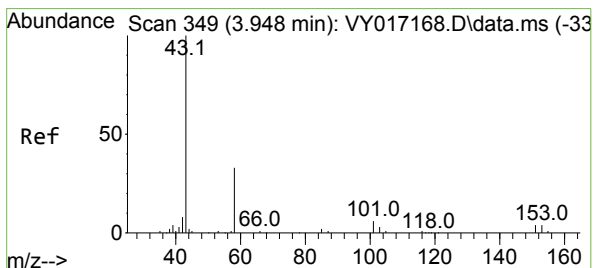
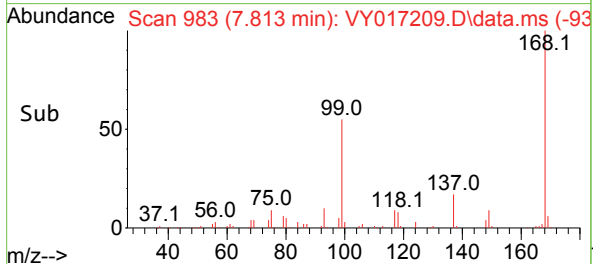
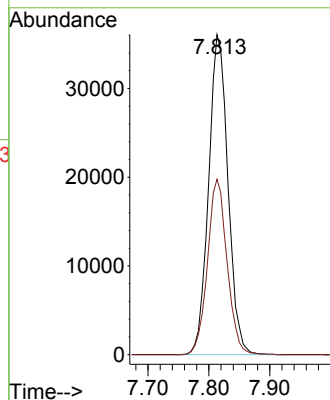
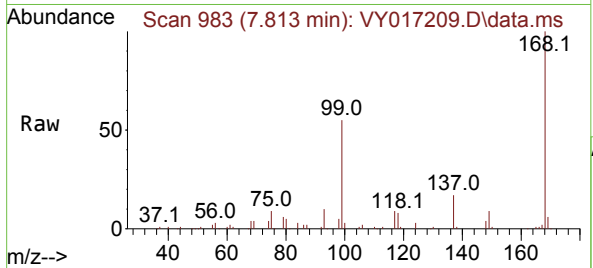




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31

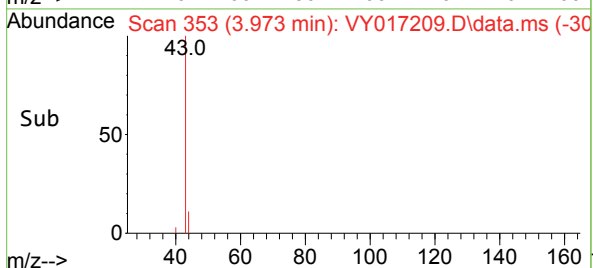
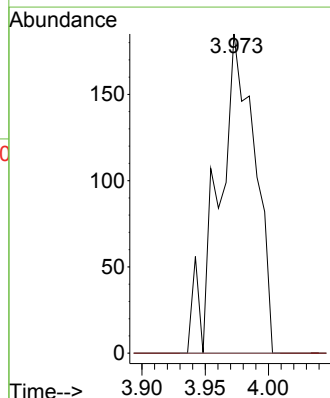
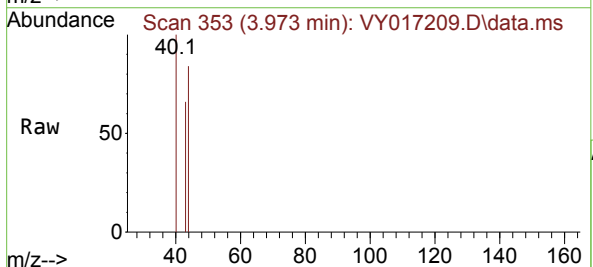
Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-2

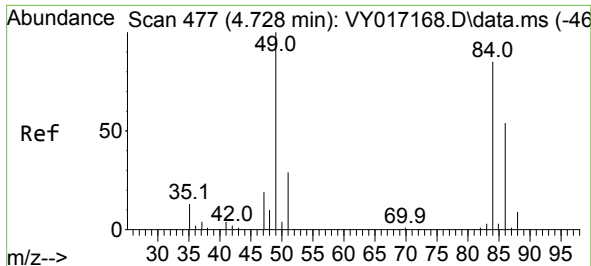
Tgt Ion:168 Resp: 79586
Ion Ratio Lower Upper
168 100
99 54.8 44.2 66.4



#16
Acetone
Concen: 1.766 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.025 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31

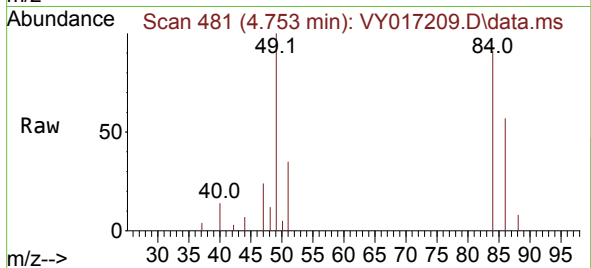
Tgt Ion: 43 Resp: 369
Ion Ratio Lower Upper
43 100
58 0.0 26.6 39.8#



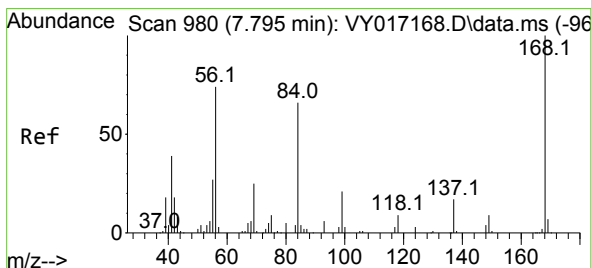
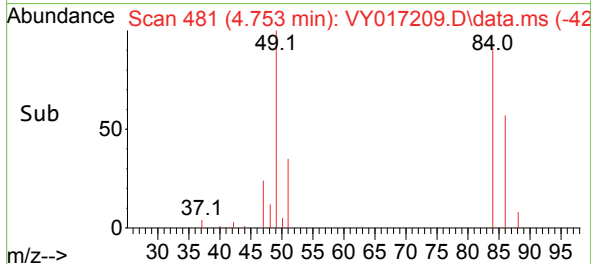
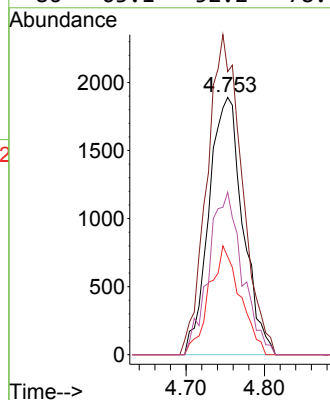


#20
Methylene Chloride
Concen: 3.398 ug/l
RT: 4.753 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31

Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-2

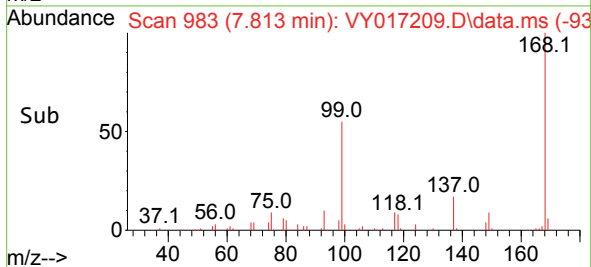
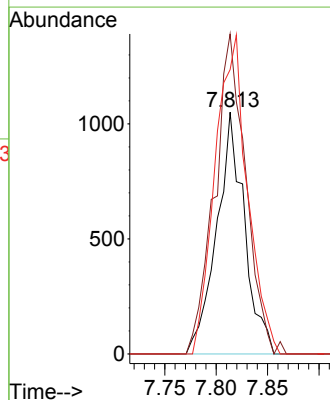
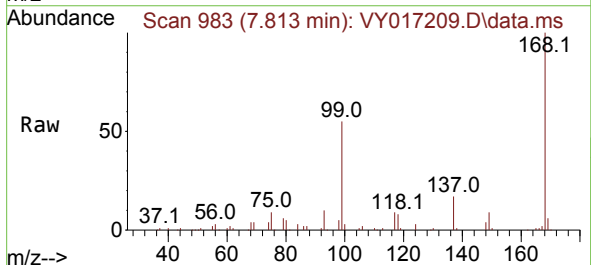


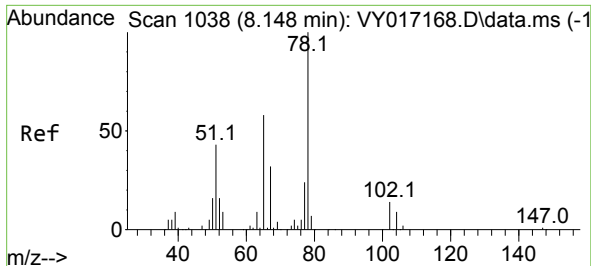
Tgt Ion:	84	Resp:	5703
Ion	Ratio	Lower	Upper
84	100		
49	110.0	95.2	142.8
51	38.0	29.9	44.9
86	63.1	52.2	78.4



#31
Cyclohexane
Concen: 1.375 ug/l
RT: 7.813 min Scan# 983
Delta R.T. 0.019 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31

Tgt Ion:	56	Resp:	1971
Ion	Ratio	Lower	Upper
56	100		
69	132.4	27.0	40.6#
84	117.6	71.8	107.6#





#33

1,2-Dichloroethane-d4

Concen: 55.109 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.019 min

Lab File: VY017209.D

Acq: 03 Feb 2024 02:31

Instrument :

MSVOA_Y

ClientSampleId :

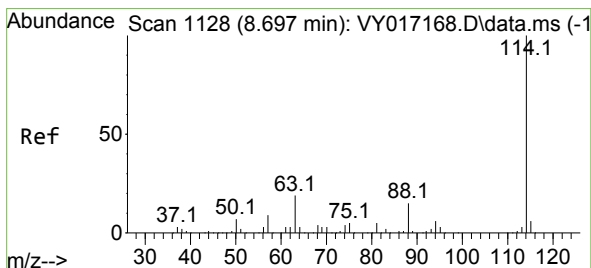
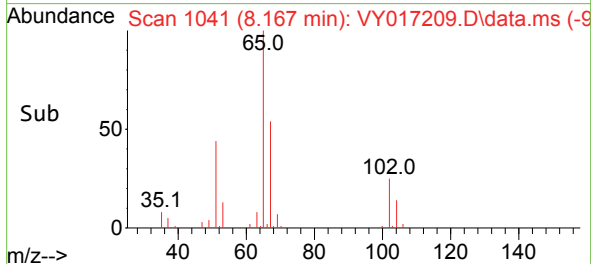
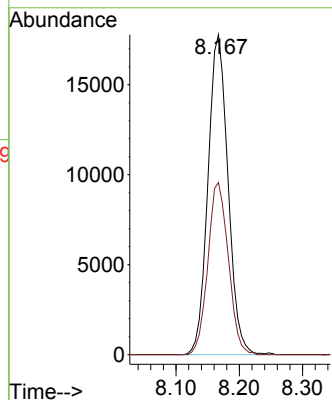
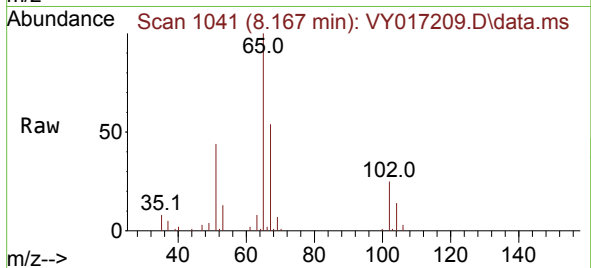
CO-11-GRID-2

Tgt Ion: 65 Resp: 39181

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.019 min

Lab File: VY017209.D

Acq: 03 Feb 2024 02:31

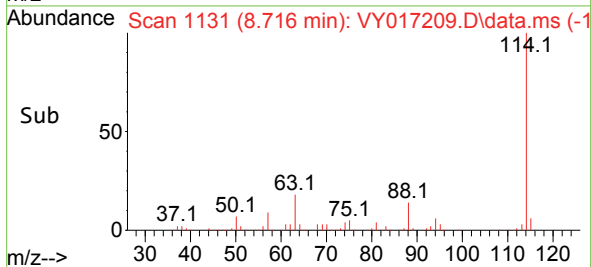
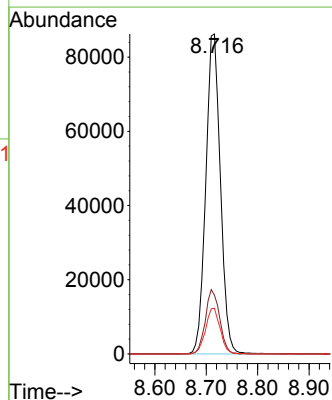
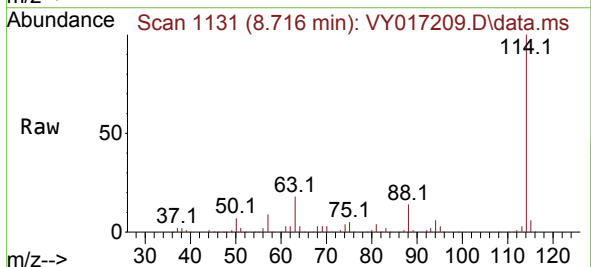
Tgt Ion: 114 Resp: 170056

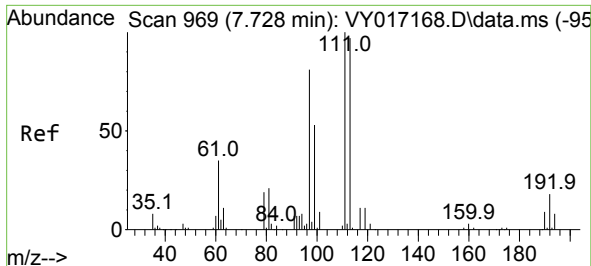
Ion Ratio Lower Upper

114 100

63 18.4 0.0 37.4

88 14.3 0.0 29.0

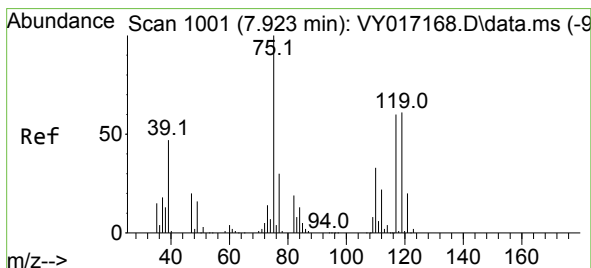
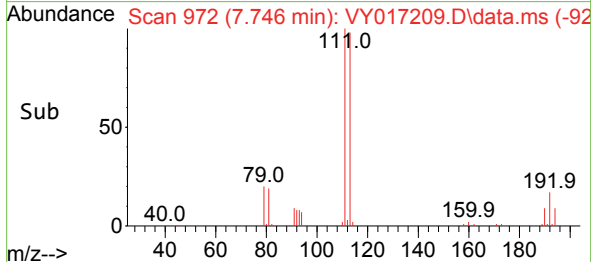
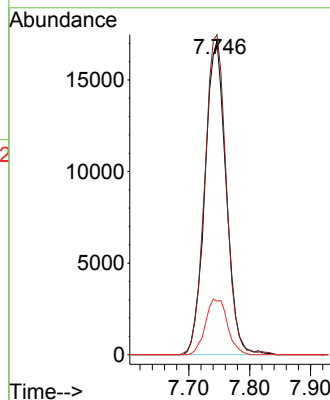
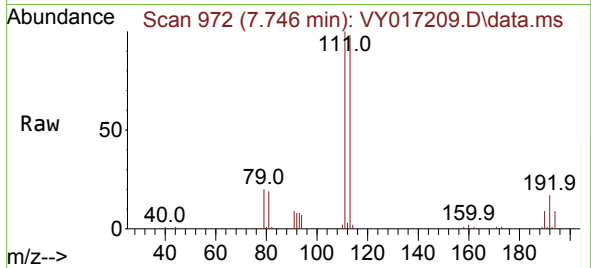




#35
Dibromofluoromethane
Concen: 45.032 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.019 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31

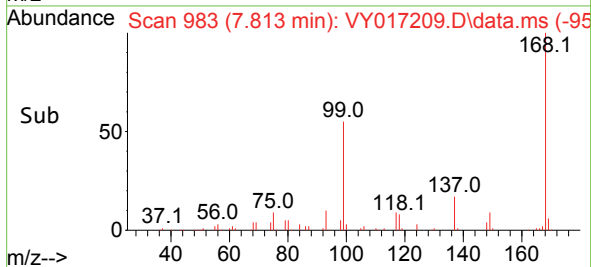
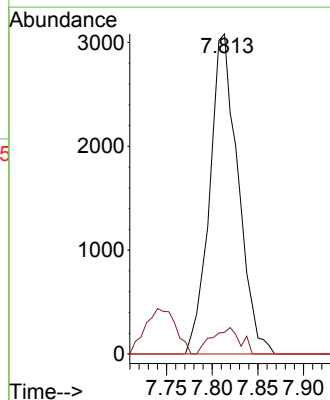
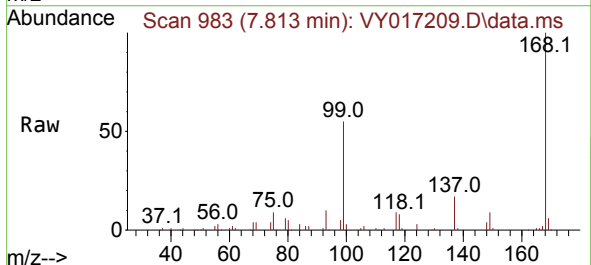
Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-2

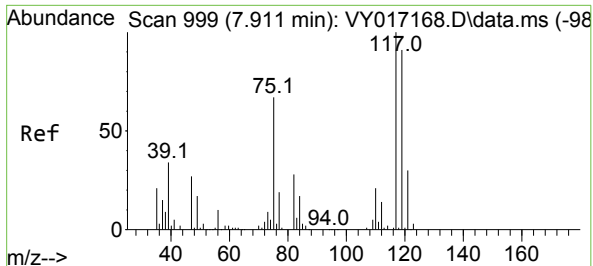
Tgt Ion:113 Resp: 41348
Ion Ratio Lower Upper
113 100
111 102.9 83.8 125.6
192 18.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.202 ug/l
RT: 7.813 min Scan# 983
Delta R.T. -0.109 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31

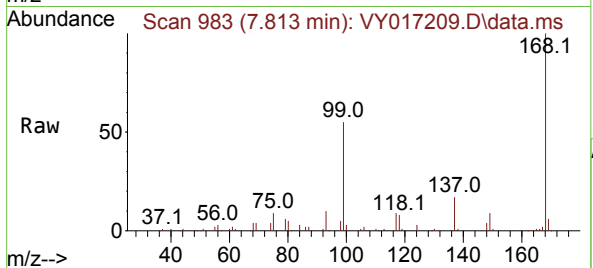
Tgt Ion: 75 Resp: 6655
Ion Ratio Lower Upper
75 100
110 8.2 17.4 52.3#
77 0.0 24.7 37.1#



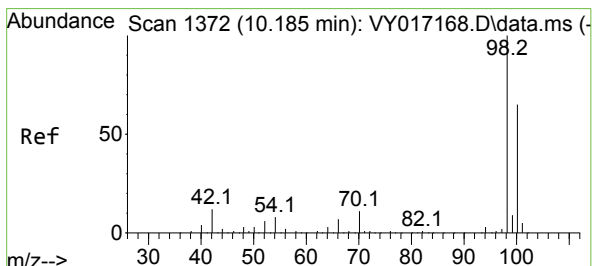
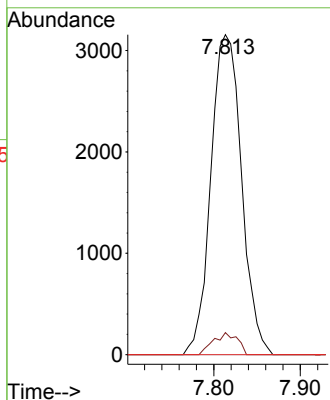
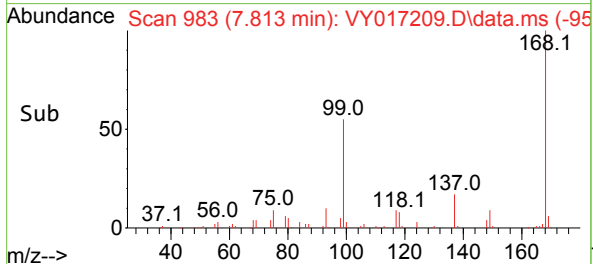


#38
Carbon Tetrachloride
Concen: 5.123 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.097 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31

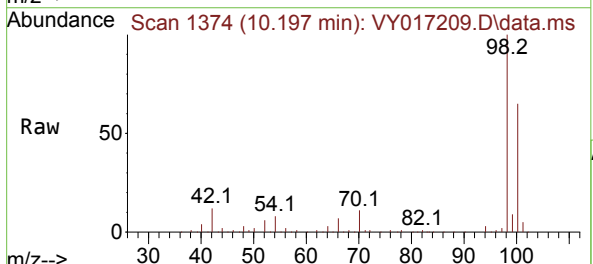
Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-2



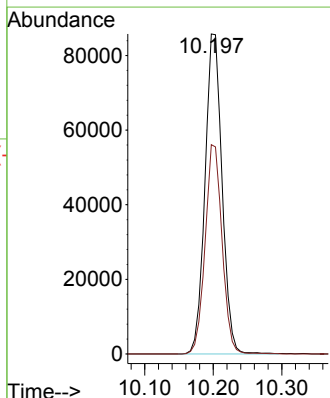
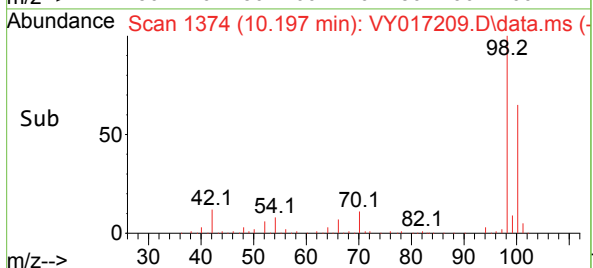
Tgt Ion:117 Resp: 7769
Ion Ratio Lower Upper
117 100
119 6.9 76.0 114.0#
121 0.0 24.2 36.2#

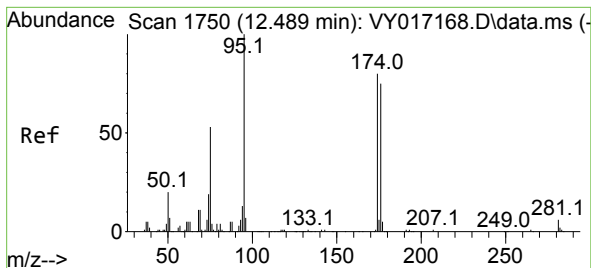


#50
Toluene-d8
Concen: 44.498 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.013 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31



Tgt Ion: 98 Resp: 148759
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5

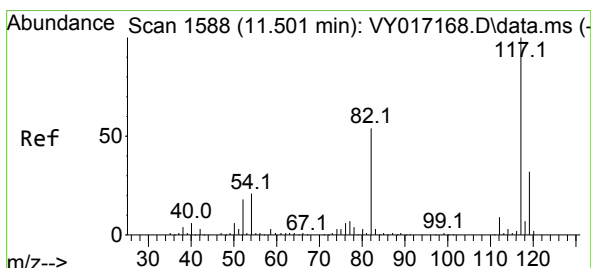
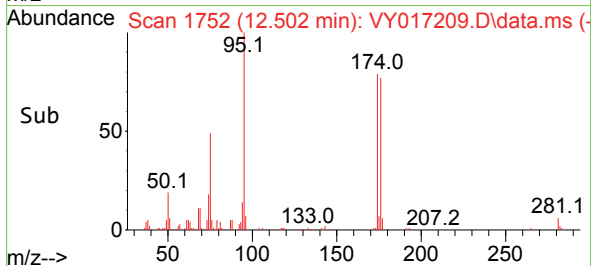
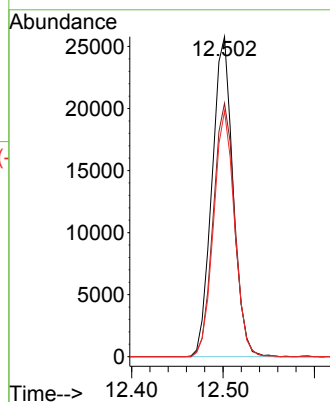
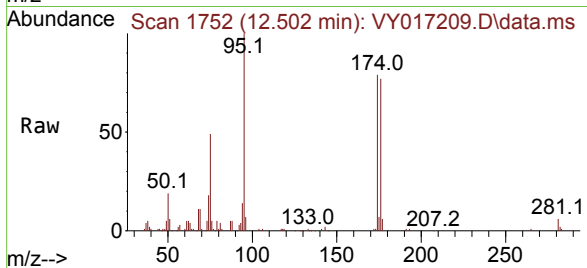




#62
4-Bromofluorobenzene
Concen: 37.514 ug/l
RT: 12.502 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31

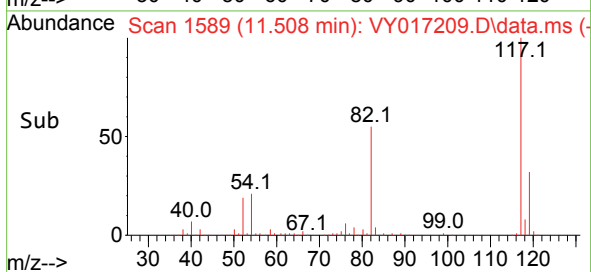
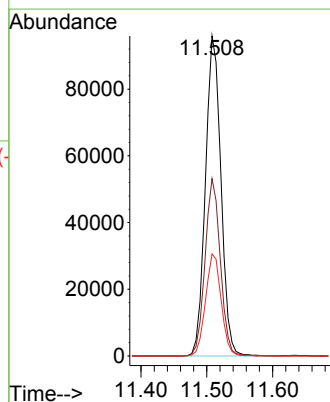
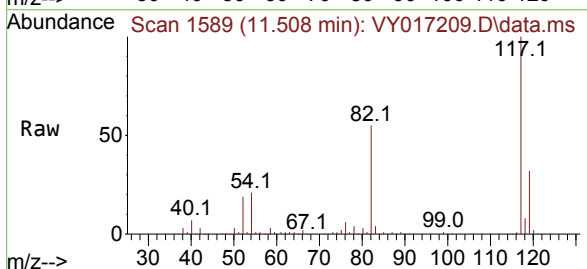
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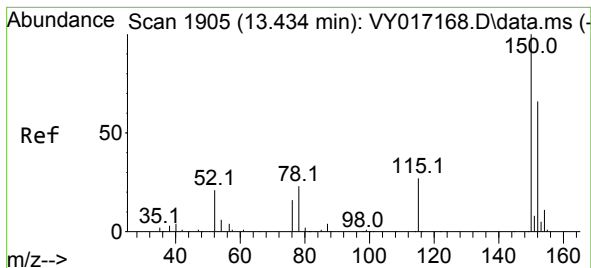
Tgt Ion: 95 Resp: 41083
Ion Ratio Lower Upper
95 100
174 81.4 0.0 160.0
176 76.8 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.007 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31

Tgt Ion: 117 Resp: 157607
Ion Ratio Lower Upper
117 100
82 55.4 43.8 65.8
119 31.8 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1905

Delta R.T. 0.007 min

Lab File: VY017209.D

Acq: 03 Feb 2024 02:31

Instrument :

MSVOA_Y

ClientSampleId :

CO-11-GRID-2

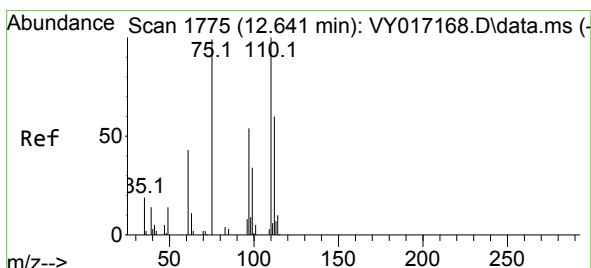
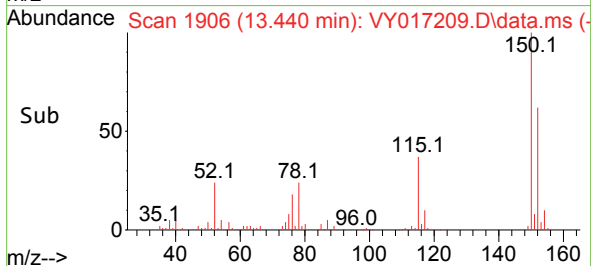
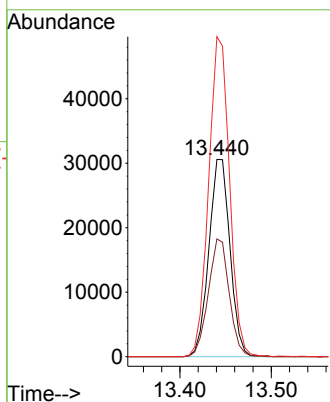
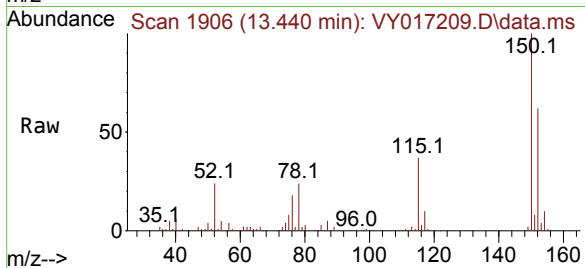
Tgt Ion:152 Resp: 49187

Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 159.9 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 46.801 ug/l

RT: 12.496 min Scan# 1751

Delta R.T. -0.146 min

Lab File: VY017209.D

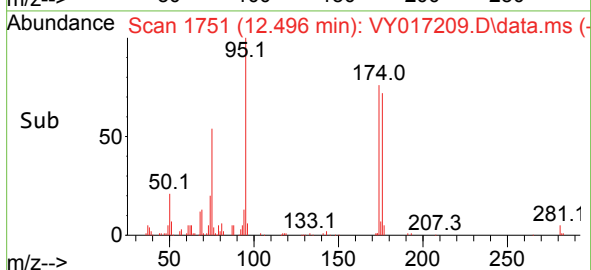
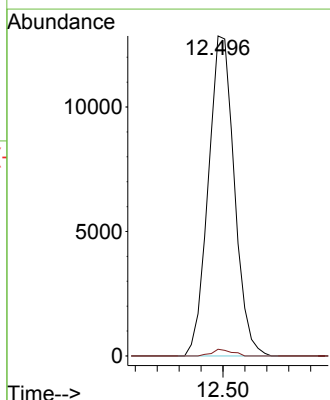
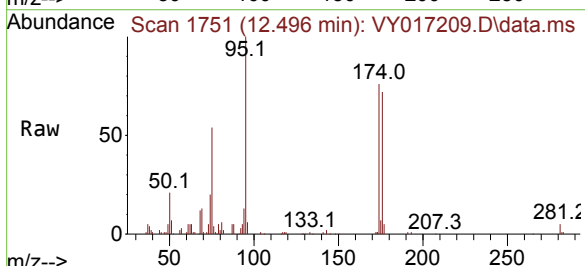
Acq: 03 Feb 2024 02:31

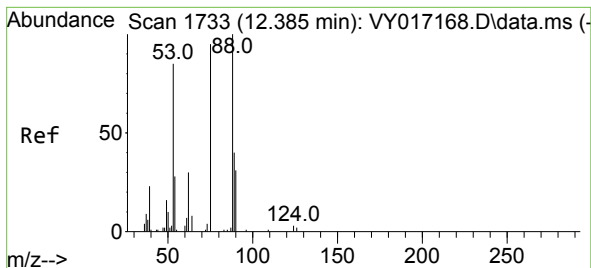
Tgt Ion: 75 Resp: 21247

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

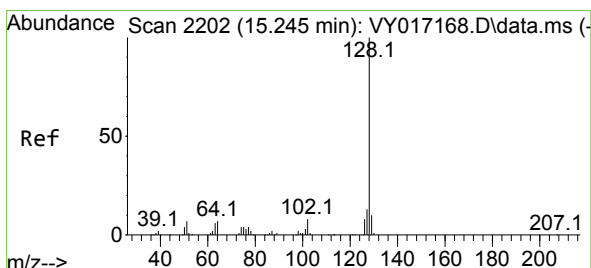
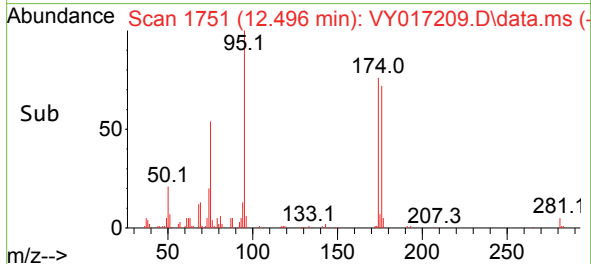
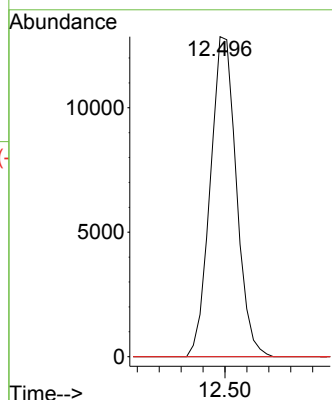
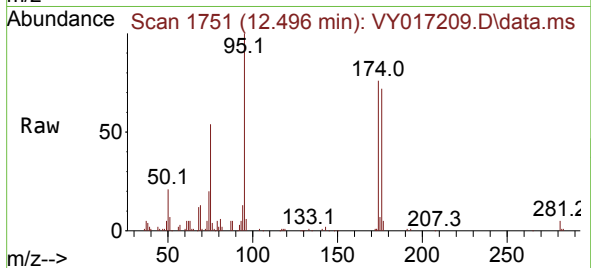




#81
trans-1,4-Dichloro-2-butene
Concen: 97.246 ug/l
RT: 12.496 min Scan# 1751
Delta R.T. 0.110 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31

Instrument :
MSVOA_Y
ClientSampleId :
CO-11-GRID-2

Tgt Ion: 75 Resp: 21247
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.518 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY017209.D
Acq: 03 Feb 2024 02:31

Tgt Ion: 128 Resp: 133
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.6 12.8#

