

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020224\
 Data File : VY017211.D
 Acq On : 03 Feb 2024 03:18
 Operator : SY/MD
 Sample : P1338-03
 Misc : 5.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-S-GRAB

Quant Time: Feb 03 04:30:39 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)

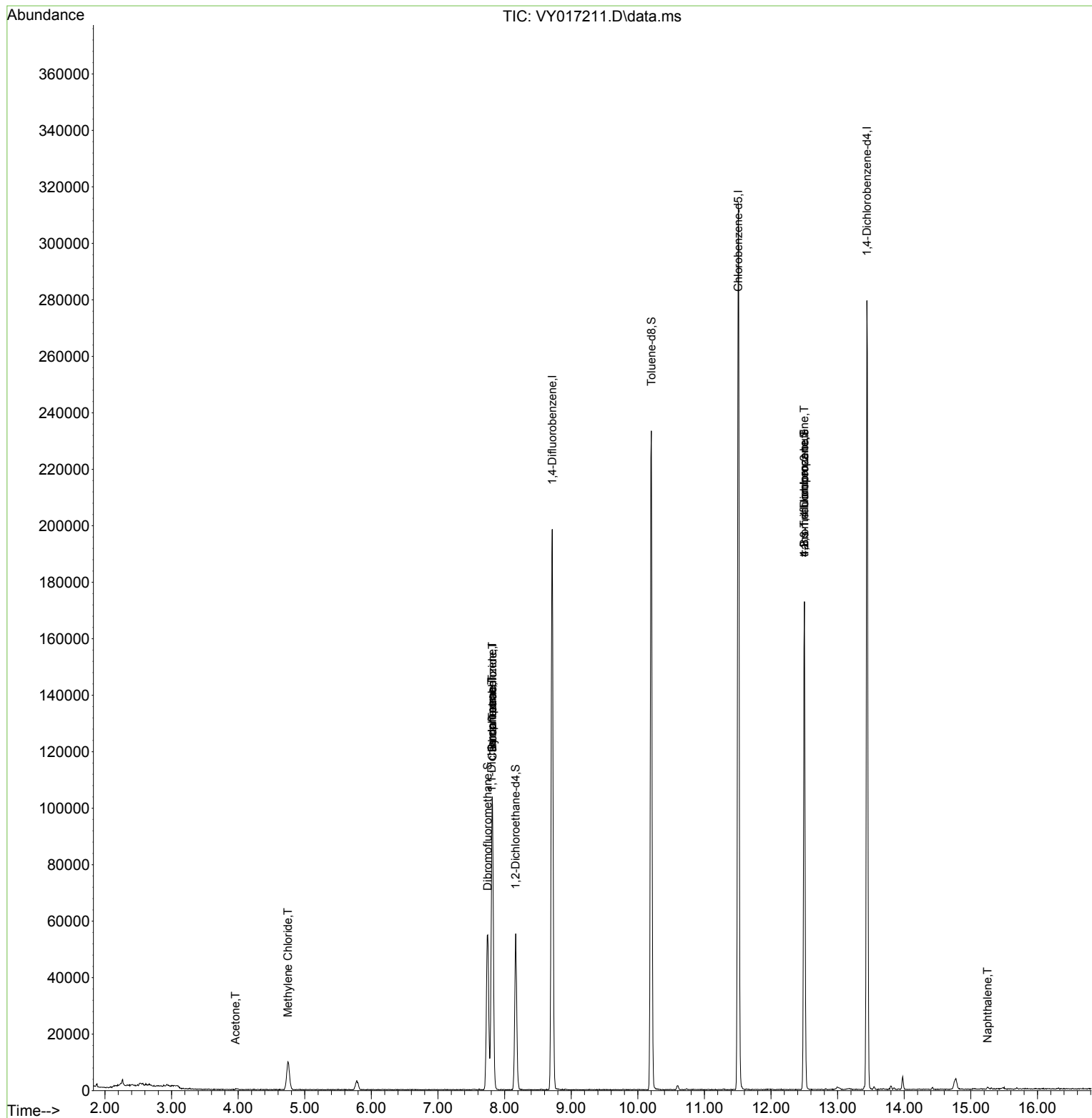
Internal Standards						
1) Pentafluorobenzene	7.813	168	79751	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	172584	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.508	117	175739	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	68808	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	40288	56.549	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.100%
35) Dibromofluoromethane	7.746	113	42137	45.219	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.440%
50) Toluene-d8	10.203	98	152858	45.054	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.100%
62) 4-Bromofluorobenzene	12.501	95	49999	44.987	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.980%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	222	1.060	ug/l #	67
20) Methylene Chloride	4.747	84	7655	5.831	ug/l #	92
31) Cyclohexane	7.813	56	1720	1.198	ug/l #	1
36) 1,1-Dichloropropene	7.807	75	6671	4.150	ug/l #	48
38) Carbon Tetrachloride	7.819	117	7824	5.084	ug/l #	18
76) 1,2,3-Trichloropropane	12.501	75	26749	42.119	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	26749	87.517	ug/l #	12
95) Naphthalene	15.251	128	1047	3.960	ug/l #	76

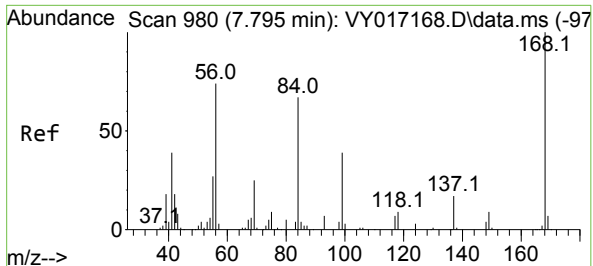
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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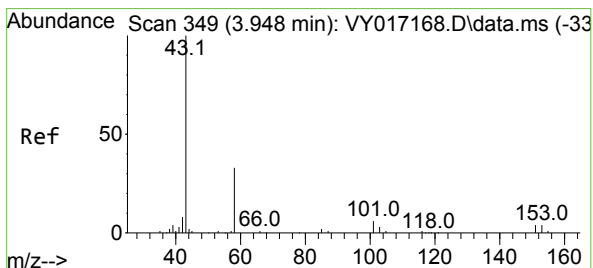
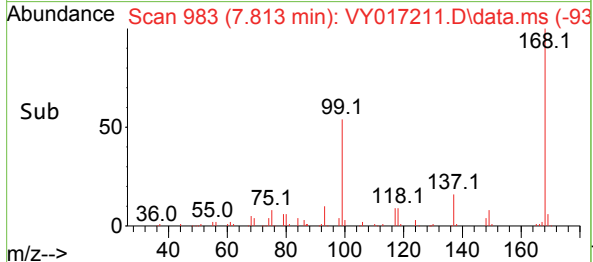
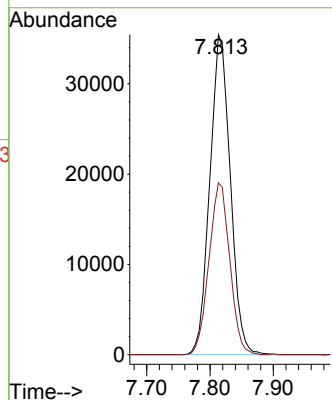
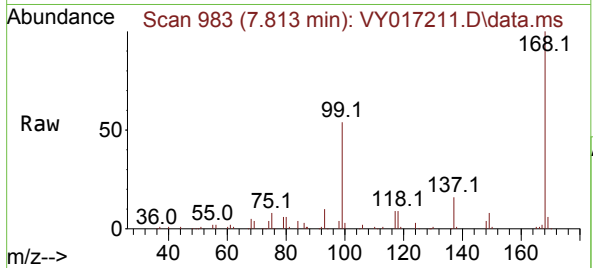




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

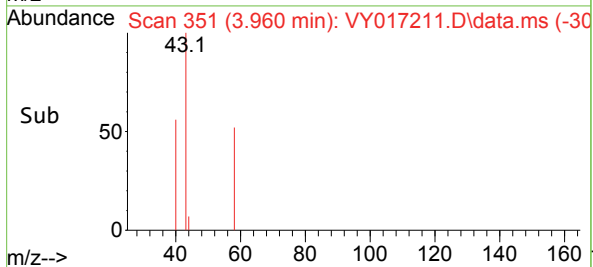
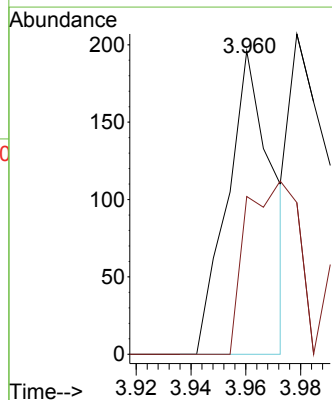
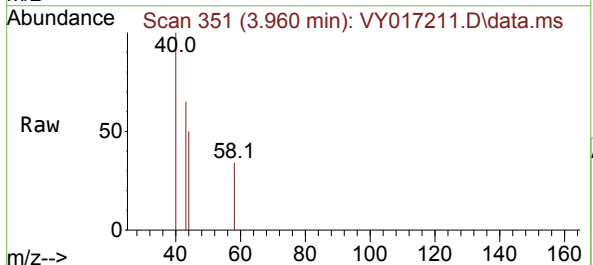
Instrument :
MSVOA_Y
ClientSampleId :
WC-S-GRAB

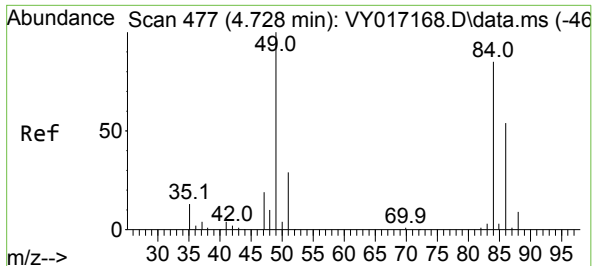
Tgt Ion:168 Resp: 79751
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#16
Acetone
Concen: 1.060 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.013 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
58 52.0 26.6 39.8#





#20

Methylene Chloride

Concen: 5.831 ug/l

RT: 4.747 min Scan# 41

Delta R.T. 0.019 min

Lab File: VY017211.D

Acq: 03 Feb 2024 03:18

Instrument :

MSVOA_Y

ClientSampleId :

WC-S-GRAB

Tgt Ion: 84 Resp: 7655

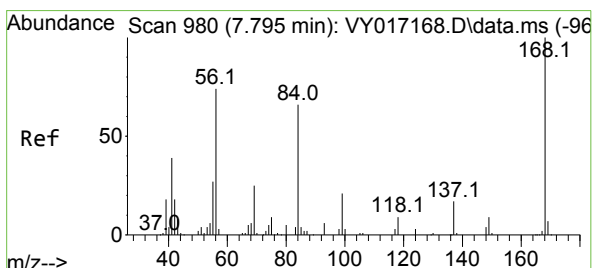
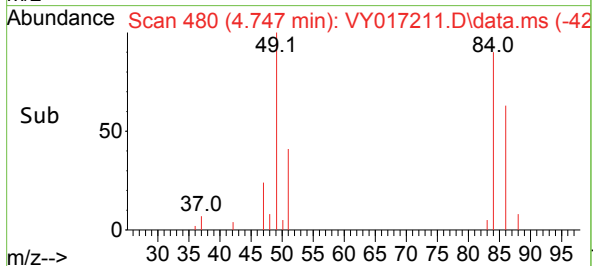
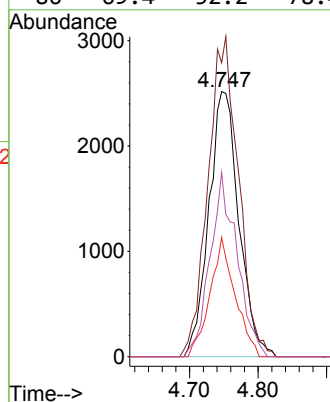
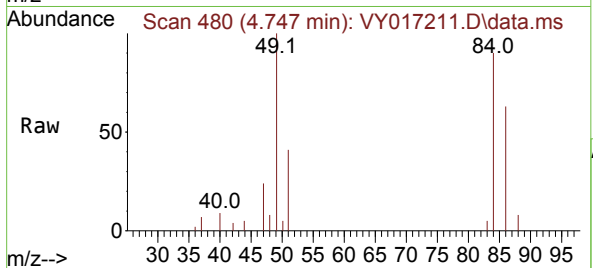
Ion Ratio Lower Upper

84 100

49 110.8 95.2 142.8

51 45.1 29.9 44.9#

86 69.4 52.2 78.4



#31

Cyclohexane

Concen: 1.198 ug/l

RT: 7.813 min Scan# 983

Delta R.T. 0.019 min

Lab File: VY017211.D

Acq: 03 Feb 2024 03:18

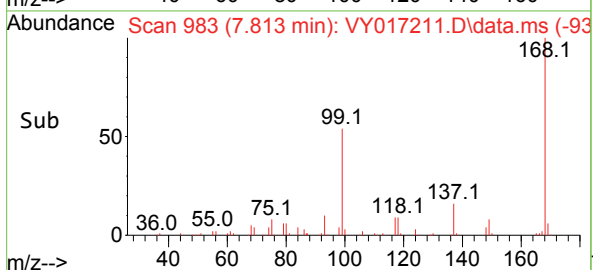
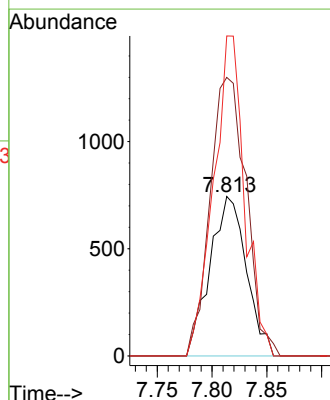
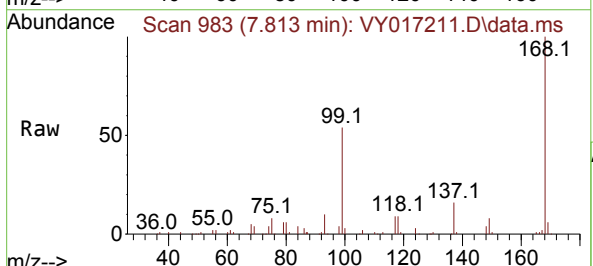
Tgt Ion: 56 Resp: 1720

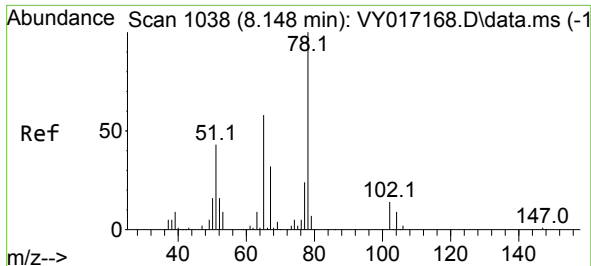
Ion Ratio Lower Upper

56 100

69 174.7 27.0 40.6#

84 200.7 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 56.549 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.019 min

Lab File: VY017211.D

Acq: 03 Feb 2024 03:18

Instrument :

MSVOA_Y

ClientSampleId :

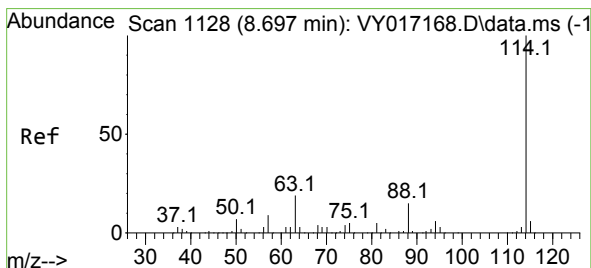
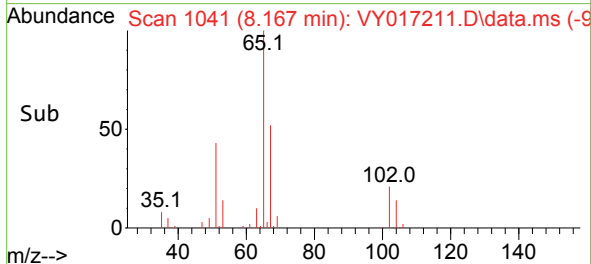
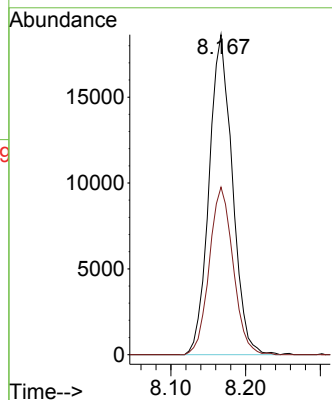
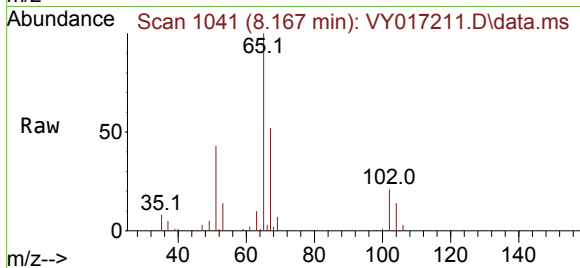
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Tgt Ion: 65 Resp: 40288

Ion Ratio Lower Upper

65 100

67 53.6 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: VY017211.D

Acq: 03 Feb 2024 03:18

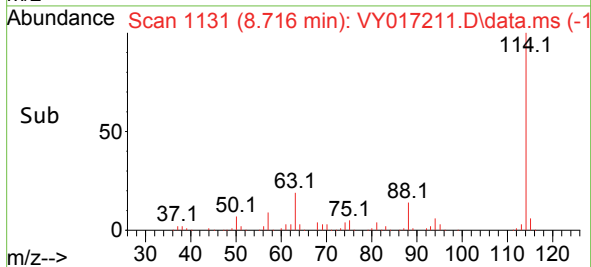
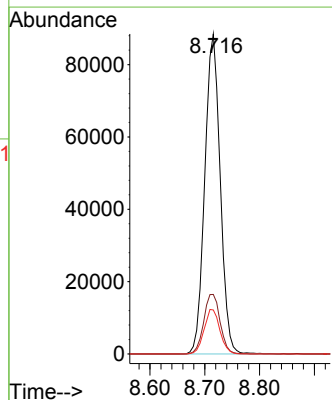
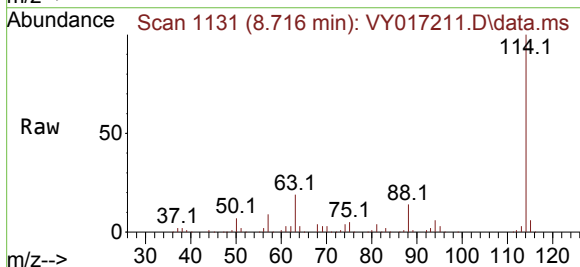
Tgt Ion:114 Resp: 172584

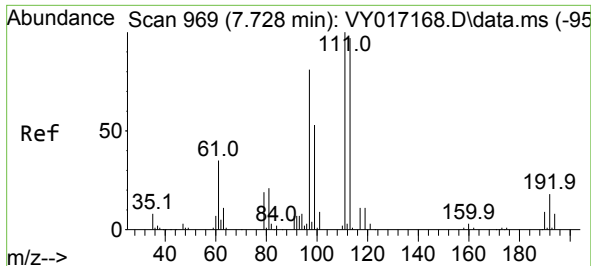
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

88 13.8 0.0 29.0

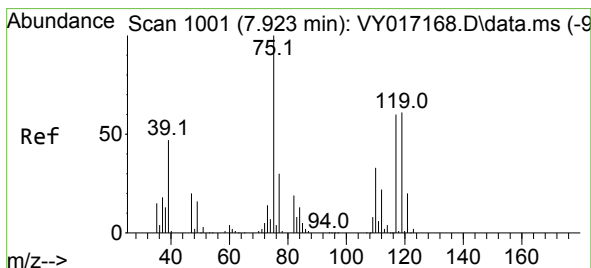
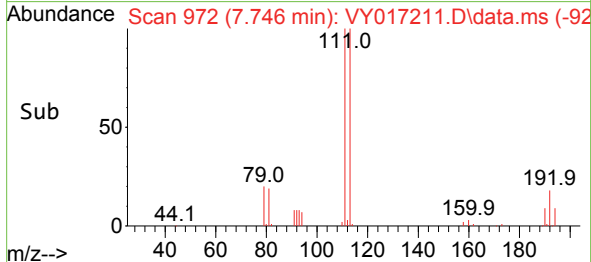
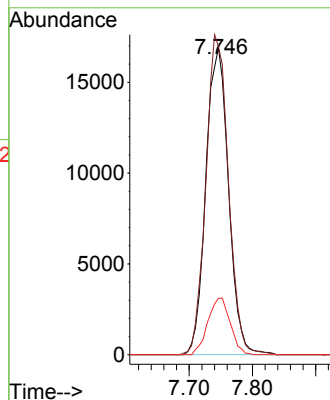
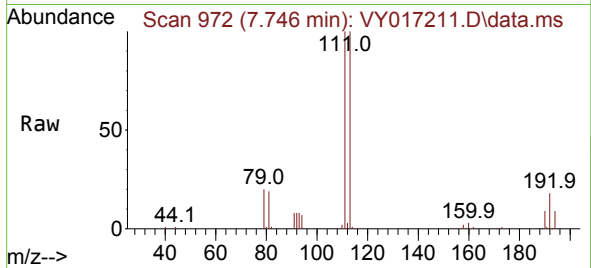




#35
Dibromofluoromethane
Concen: 45.219 ug/l
RT: 7.746 min Scan# 911
Delta R.T. 0.019 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

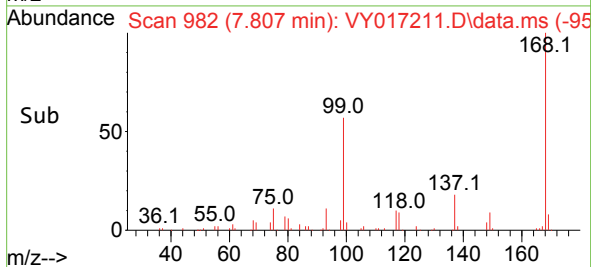
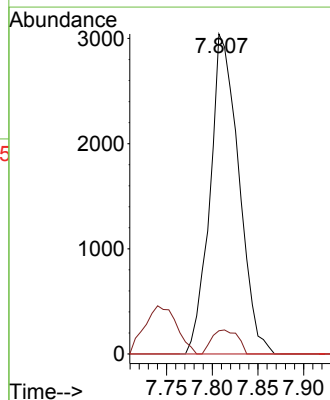
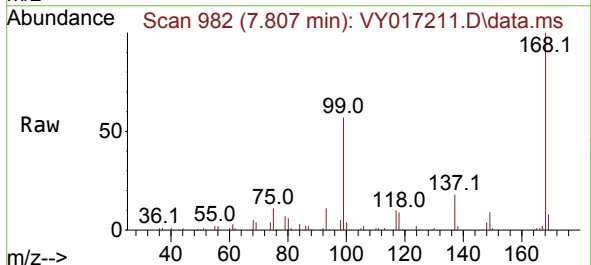
Instrument :
MSVOA_Y
ClientSampleId :
WC-S-GRAB

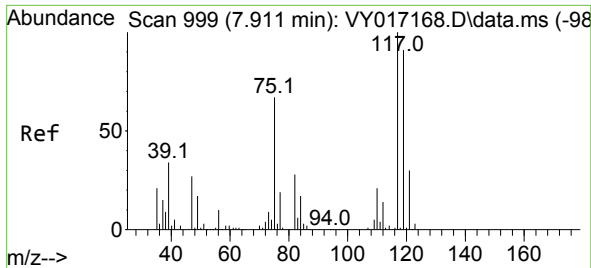
Tgt Ion:113 Resp: 42137
Ion Ratio Lower Upper
113 100
111 103.5 83.8 125.6
192 18.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.150 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.115 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

Tgt Ion: 75 Resp: 6671
Ion Ratio Lower Upper
75 100
110 6.7 17.4 52.3#
77 0.0 24.7 37.1#

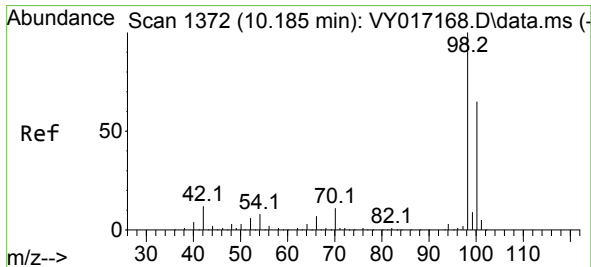
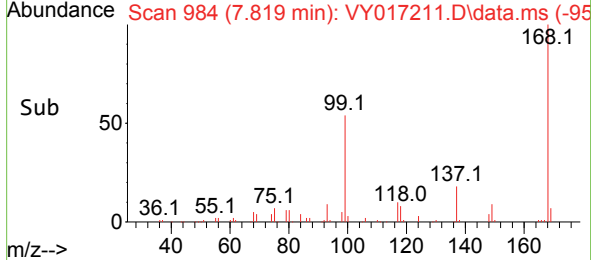
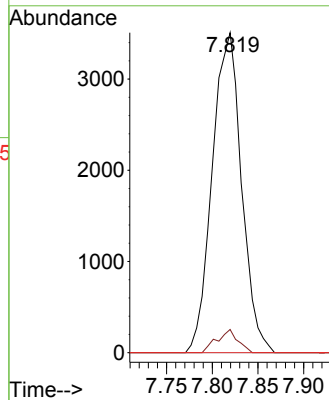
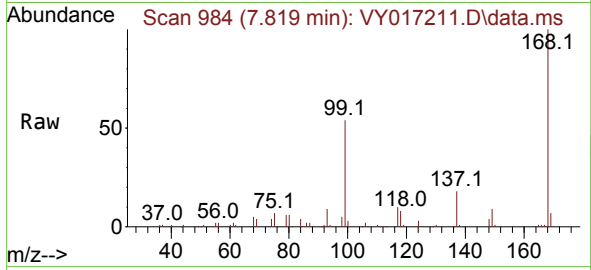




#38
Carbon Tetrachloride
Concen: 5.084 ug/l
RT: 7.819 min Scan# 911
Delta R.T. -0.091 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

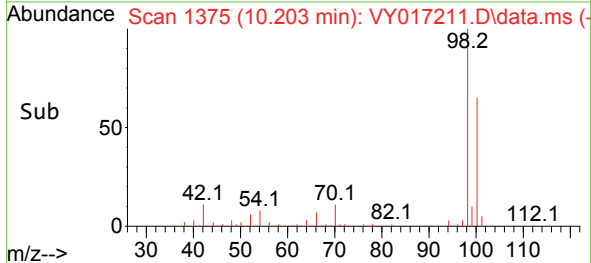
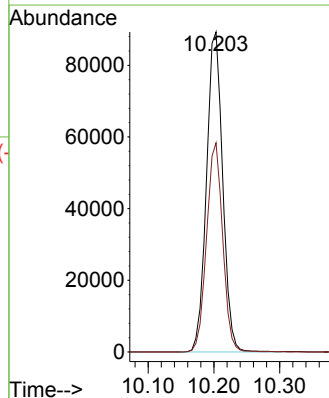
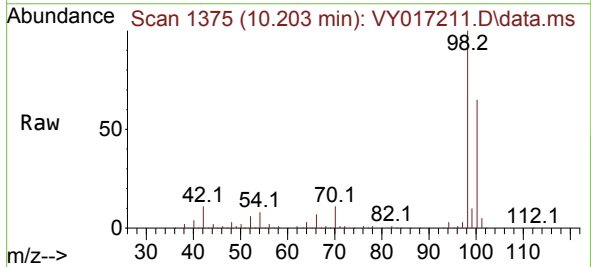
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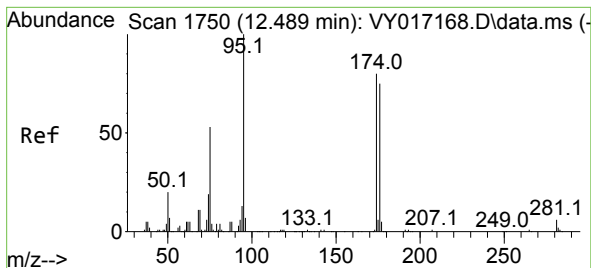
Tgt Ion:117 Resp: 7824
Ion Ratio Lower Upper
117 100
119 7.2 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 45.054 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.019 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

Tgt Ion: 98 Resp: 152858
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5

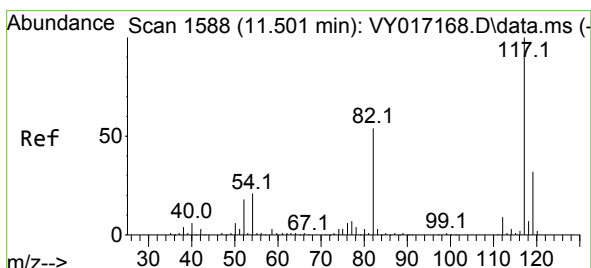
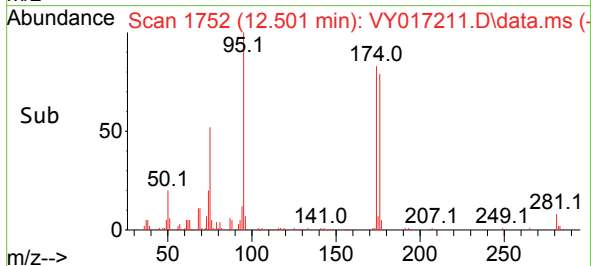
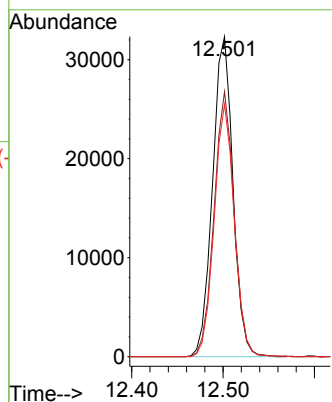
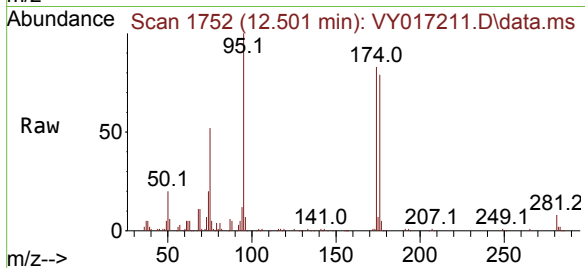




#62
4-Bromofluorobenzene
Concen: 44.987 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. 0.013 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

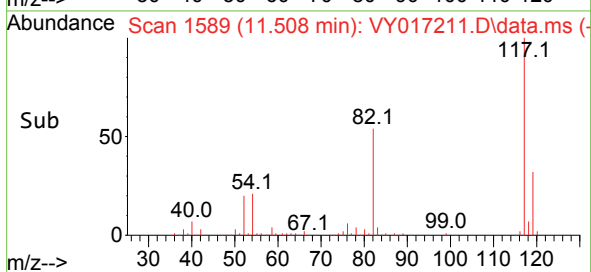
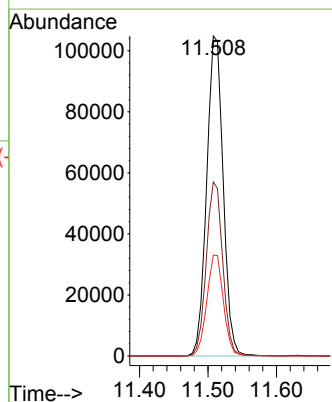
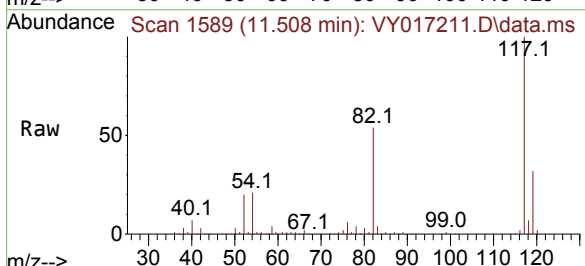
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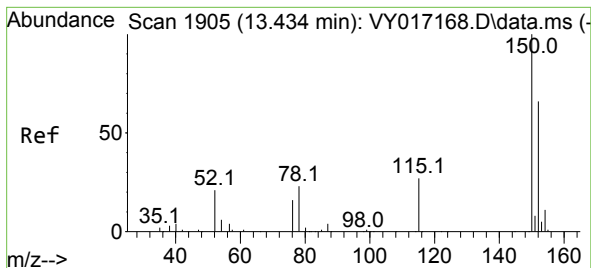
Tgt Ion: 95 Resp: 49999
Ion Ratio Lower Upper
95 100
174 81.9 0.0 160.0
176 78.1 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

Tgt Ion: 117 Resp: 175739
Ion Ratio Lower Upper
117 100
82 54.4 43.8 65.8
119 31.5 26.5 39.7

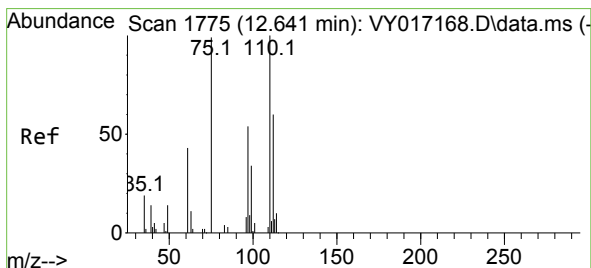
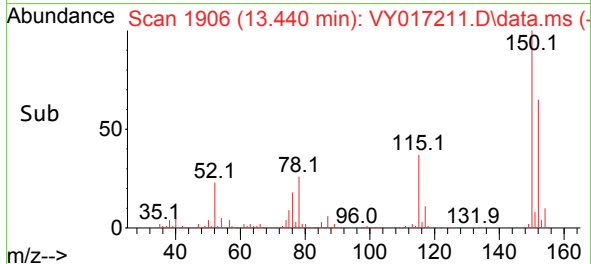
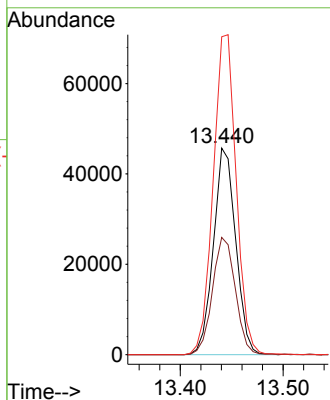
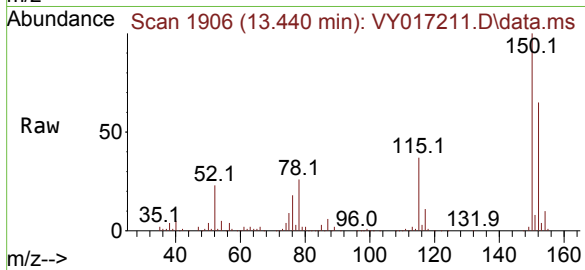




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.440 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

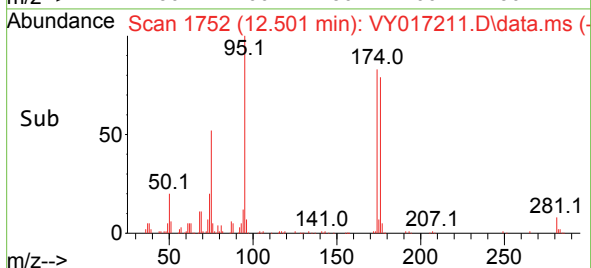
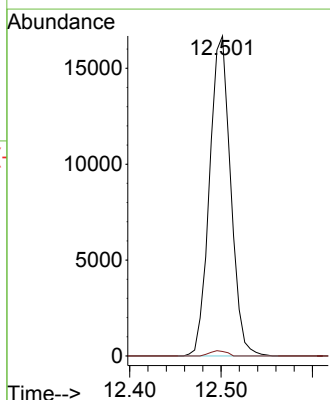
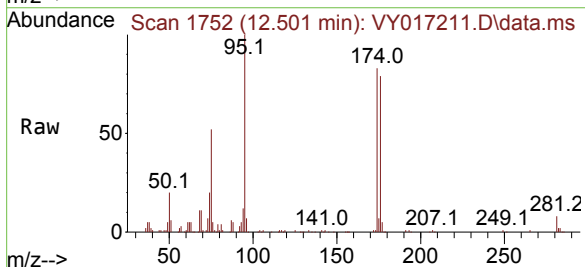
Instrument :
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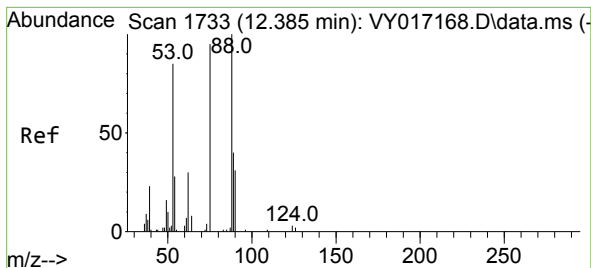
Tgt Ion:152 Resp: 68808
Ion Ratio Lower Upper
152 100
115 58.4 30.0 90.0
150 159.7 0.0 344.6



#76
1,2,3-Trichloropropane
Concen: 42.119 ug/l
RT: 12.501 min Scan# 1752
Delta R.T. -0.140 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

Tgt Ion: 75 Resp: 26749
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#

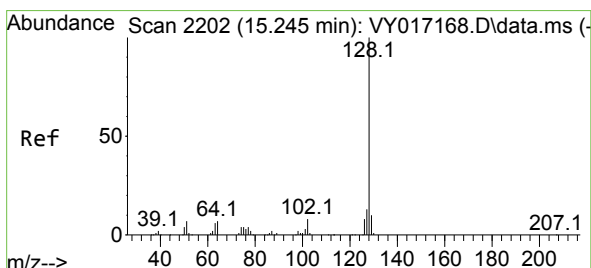
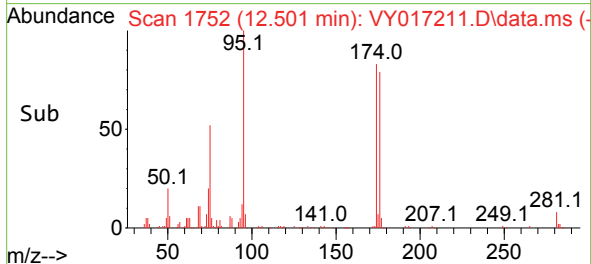
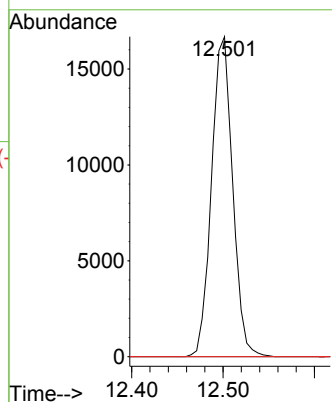
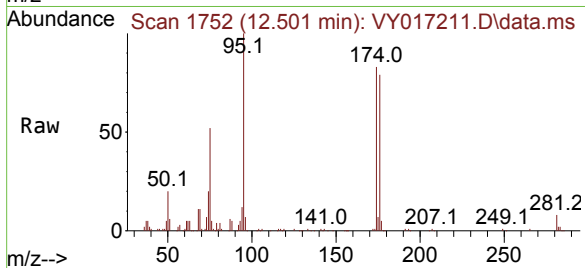




#81
trans-1,4-Dichloro-2-butene
Concen: 87.517 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

Instrument :
MSVOA_Y
ClientSampleId :
WC-S-GRAB

Tgt Ion: 75 Resp: 26749
Ion Ratio Lower Upper
75 100
53 0.0 74.0 111.0#
89 0.0 36.5 54.7#



#95
Naphthalene
Concen: 3.960 ug/l
RT: 15.251 min Scan# 2203
Delta R.T. 0.006 min
Lab File: VY017211.D
Acq: 03 Feb 2024 03:18

Tgt Ion:128 Resp: 1047
Ion Ratio Lower Upper
128 100
127 2.8 10.2 15.4#
129 2.0 8.6 12.8#

