

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011824\
 Data File : VY017036.D
 Acq On : 18 Jan 2024 13:47
 Operator : SY/MD
 Sample : P1169-09
 Misc : 2.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 19 02:28:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

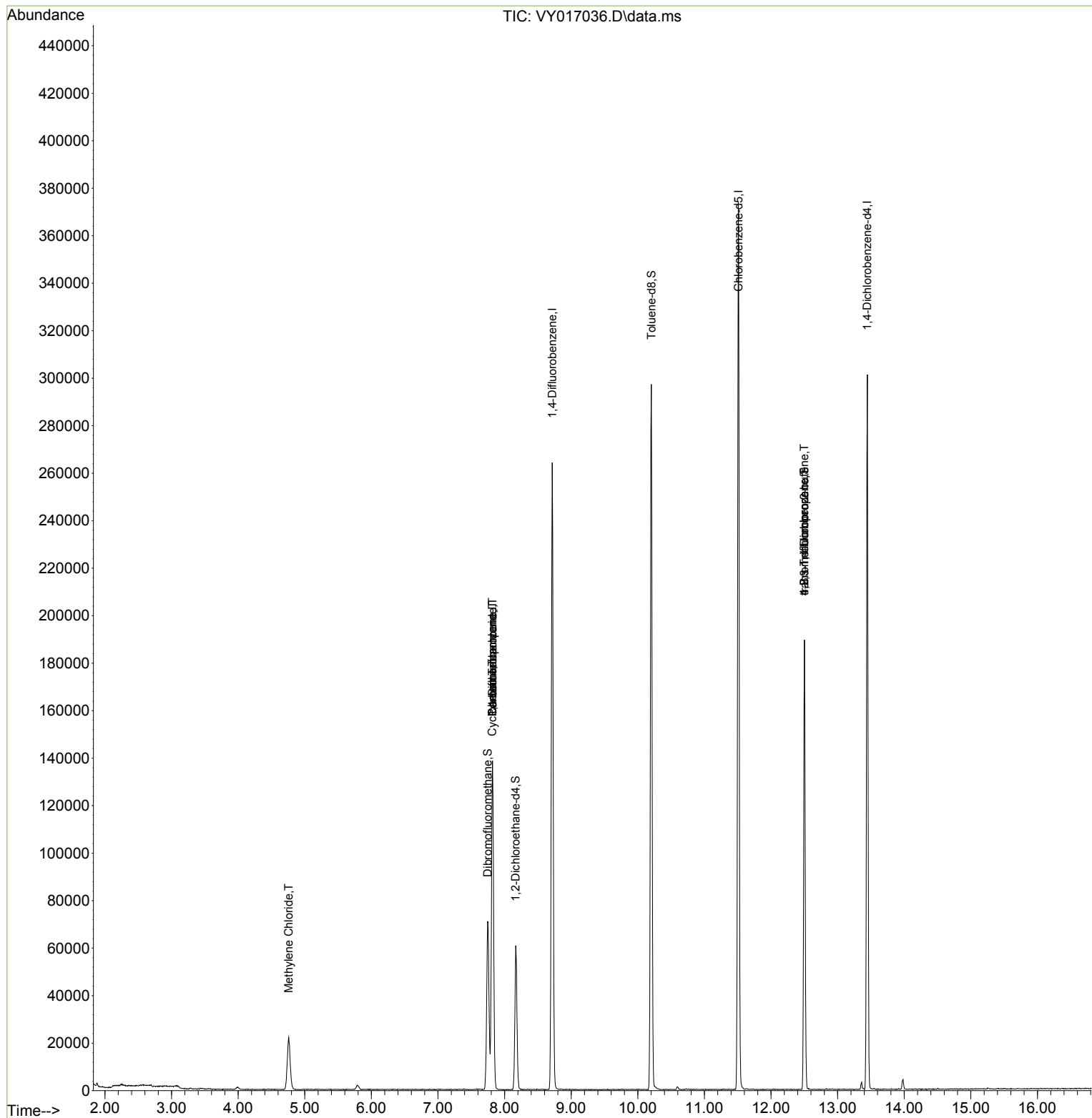
Internal Standards						
1) Pentafluorobenzene	7.819	168	104231	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.716	114	224360	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.514	117	207966	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	73458	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	45119	43.797	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.600%
35) Dibromofluoromethane	7.746	113	53158	37.181	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.360%
50) Toluene-d8	10.203	98	194636	39.534	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.060%
62) 4-Bromofluorobenzene	12.501	95	57102	34.377	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	68.760%
Target Compounds						
					Qvalue	
16) Acetone	3.985	43	1791	Below Cal	#	85
20) Methylene Chloride	4.759	84	16225	5.783	ug/l	97
31) Cyclohexane	7.813	56	2352	1.330	ug/l #	1
36) 1,1-Dichloropropene	7.819	75	8679	4.165	ug/l #	45
38) Carbon Tetrachloride	7.819	117	10452	4.937	ug/l #	17
76) 1,2,3-Trichloropropane	12.501	75	30561	38.338	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.501	75	30561	87.055	ug/l #	12

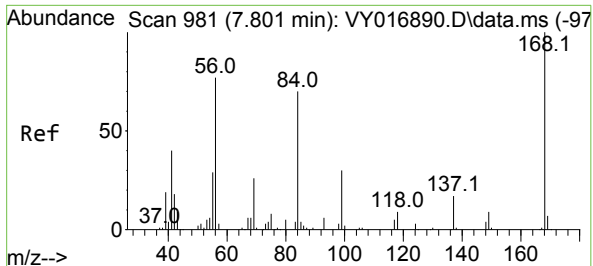
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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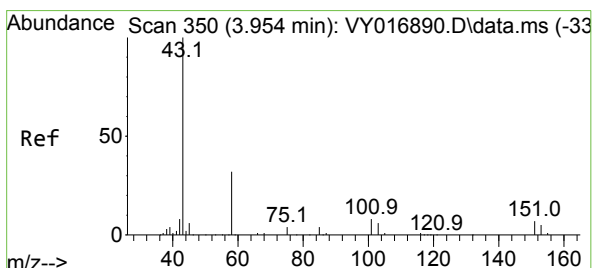
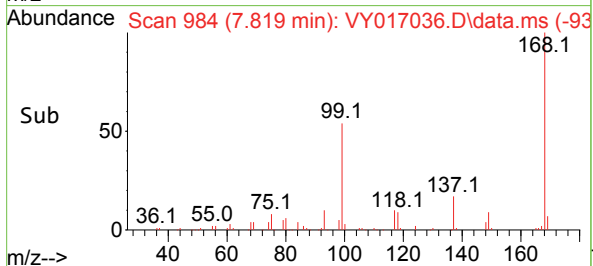
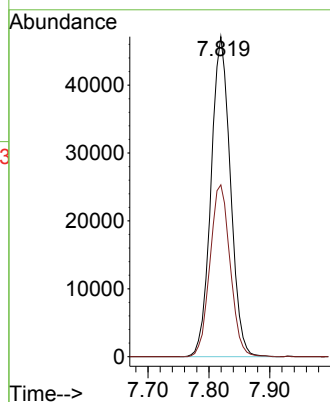
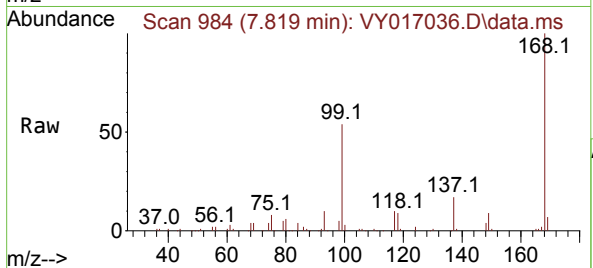




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

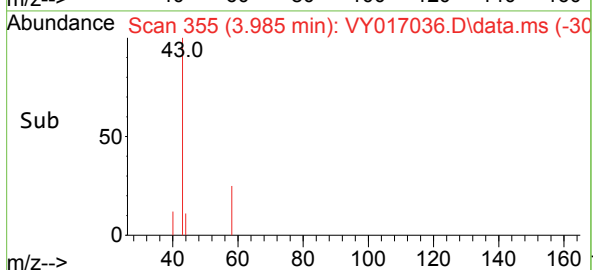
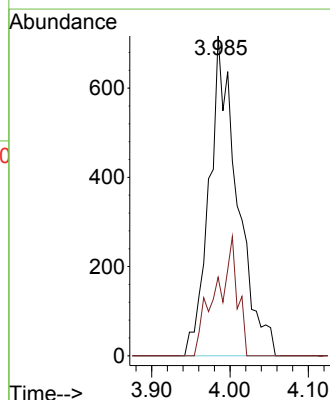
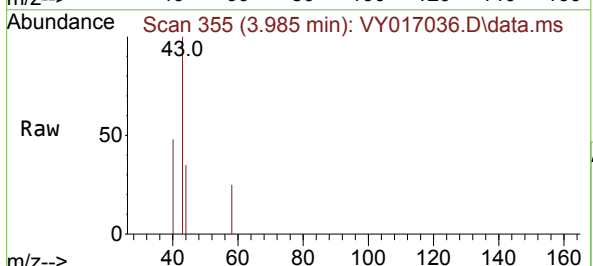
Instrument :
MSVOA_Y
ClientSampleId :

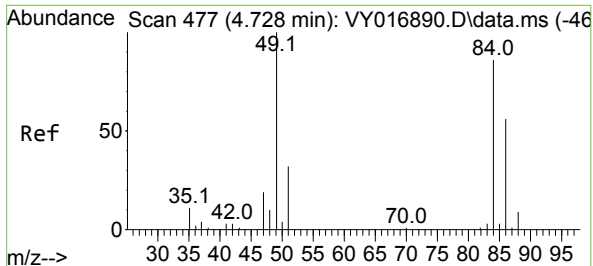
Tgt Ion:168 Resp: 104231
Ion Ratio Lower Upper
168 100
99 53.7 44.2 66.4



#16
Acetone
Concen: Below Cal
RT: 3.985 min Scan# 355
Delta R.T. 0.025 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

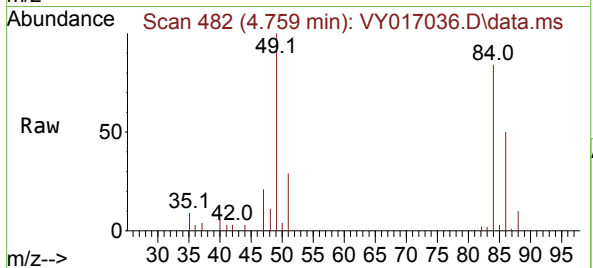
Tgt Ion: 43 Resp: 1791
Ion Ratio Lower Upper
43 100
58 24.5 26.6 39.8#



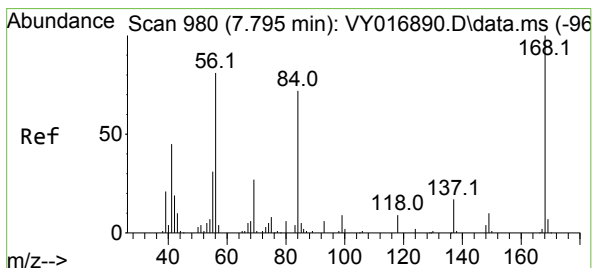
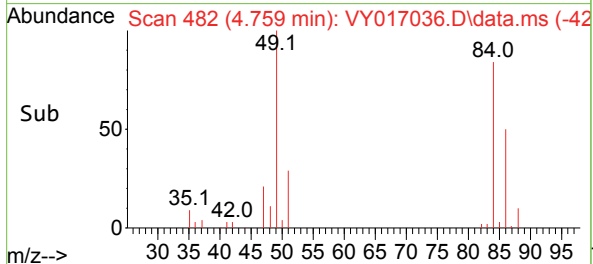
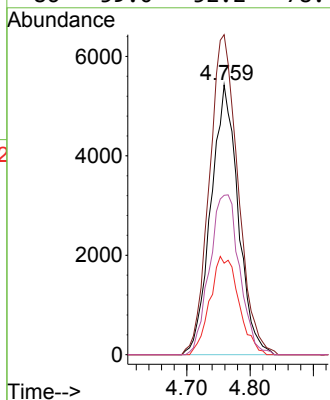


#20
Methylene Chloride
Concen: 5.783 ug/l
RT: 4.759 min Scan# 41
Delta R.T. 0.025 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

Instrument :
MSVOA_Y
ClientSampleId :

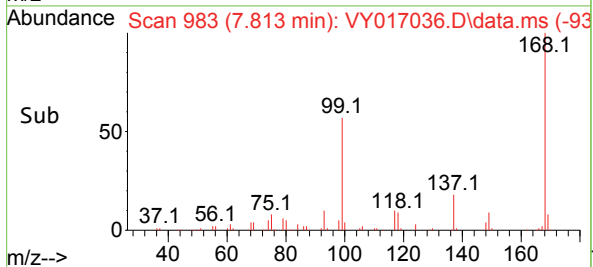
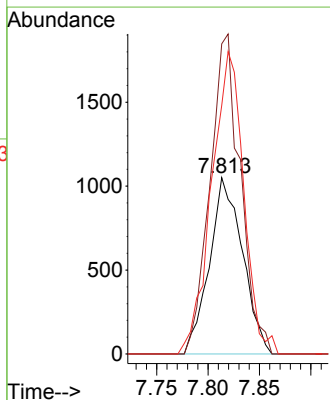
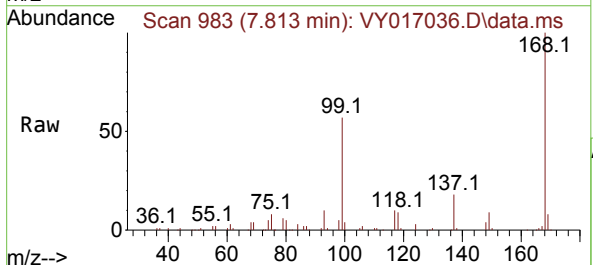


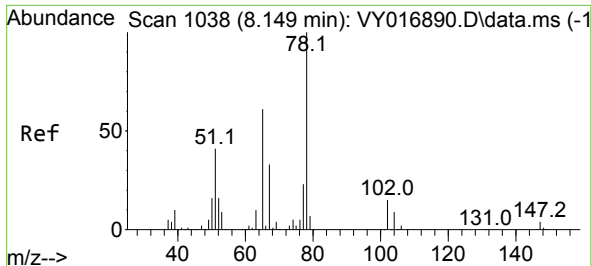
Tgt Ion: 84	Resp: 16225
Ion Ratio	Lower Upper
84 100	
49 118.6	95.2 142.8
51 34.0	29.9 44.9
86 59.0	52.2 78.4



#31
Cyclohexane
Concen: 1.330 ug/l
RT: 7.813 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

Tgt Ion: 56	Resp: 2352
Ion Ratio	Lower Upper
56 100	
69 175.8	27.0 40.6#
84 140.9	71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 43.797 ug/l

RT: 8.167 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY017036.D

Acq: 18 Jan 2024 13:47

Instrument :

MSVOA_Y

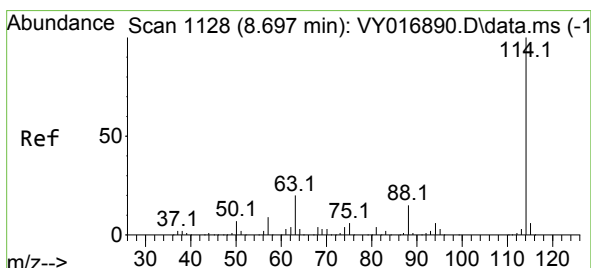
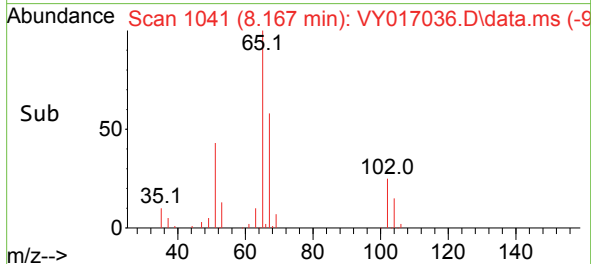
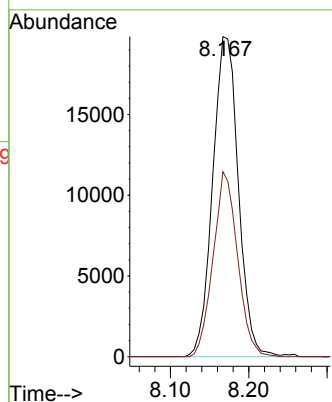
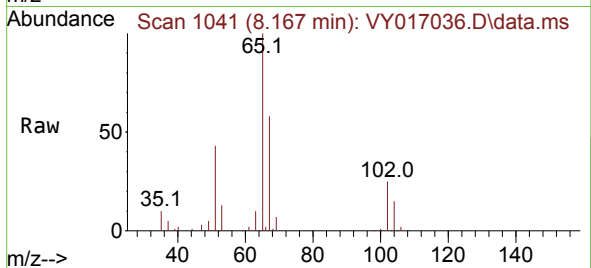
ClientSampleId :

Tgt Ion: 65 Resp: 45119

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1131

Delta R.T. 0.013 min

Lab File: VY017036.D

Acq: 18 Jan 2024 13:47

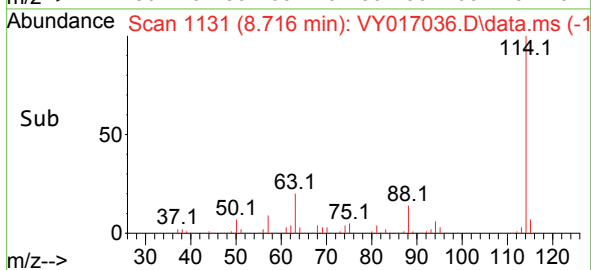
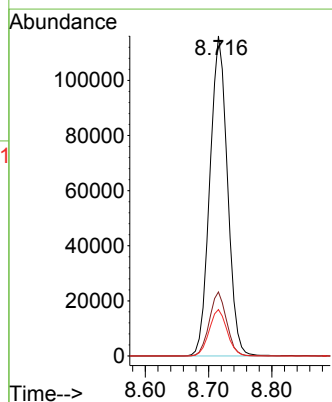
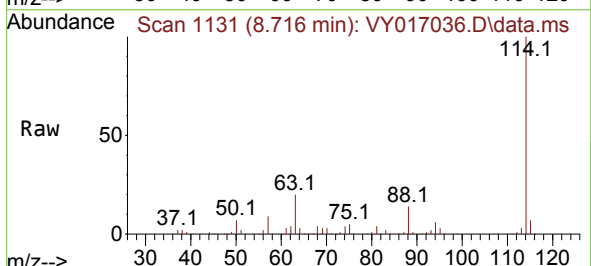
Tgt Ion: 114 Resp: 224360

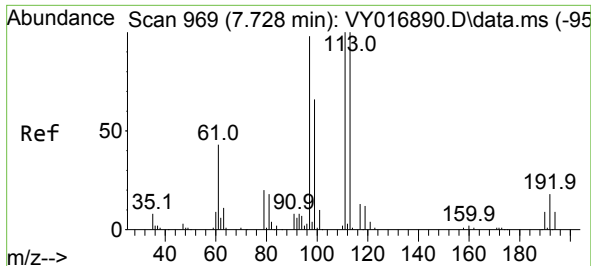
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

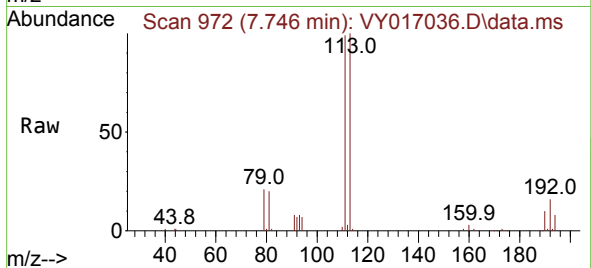
88 14.5 0.0 29.0



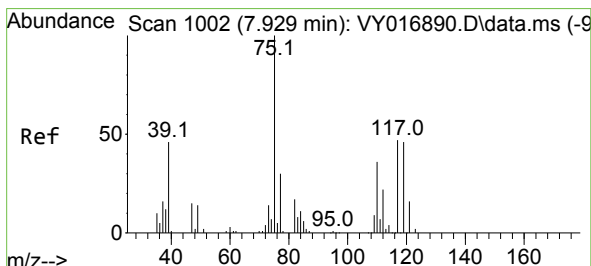
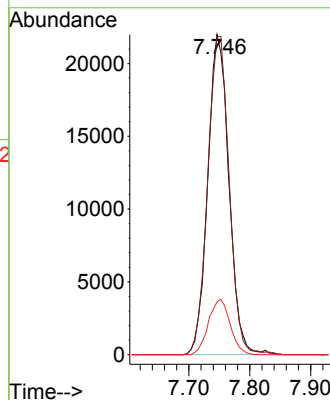
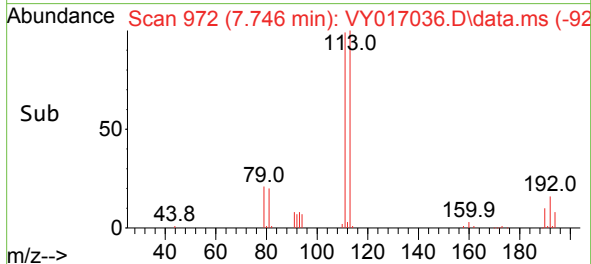


#35
Dibromofluoromethane
Concen: 37.181 ug/l
RT: 7.746 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

Instrument :
MSVOA_Y
ClientSampleId :

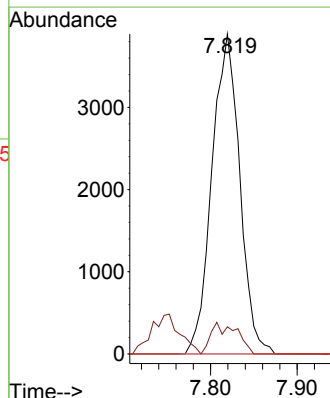
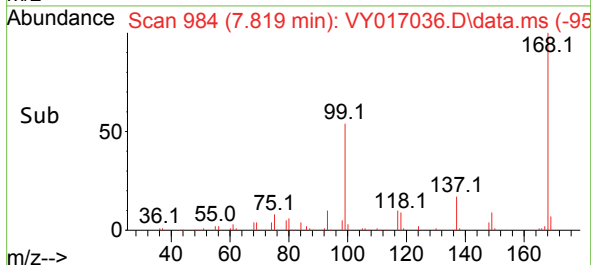
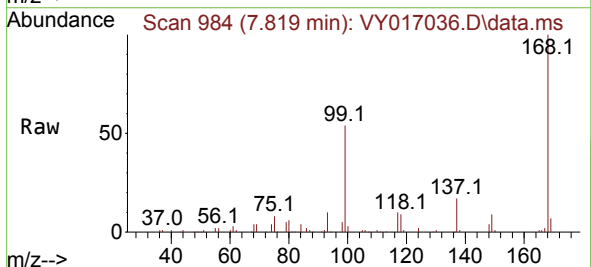


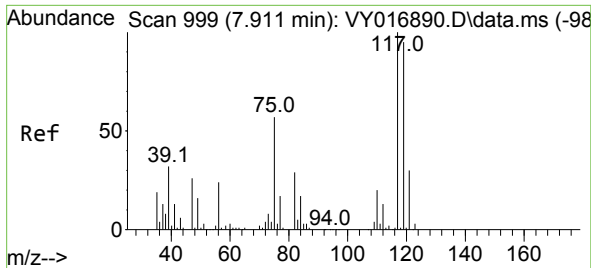
Tgt Ion:113 Resp: 53158
Ion Ratio Lower Upper
113 100
111 101.0 83.8 125.6
192 17.7 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.165 ug/l
RT: 7.819 min Scan# 984
Delta R.T. -0.110 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

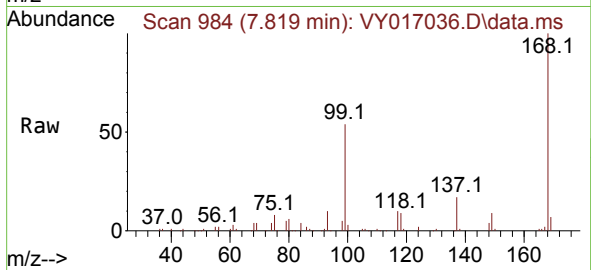
Tgt Ion: 75 Resp: 8679
Ion Ratio Lower Upper
75 100
110 4.2 17.4 52.3#
77 0.0 24.7 37.1#



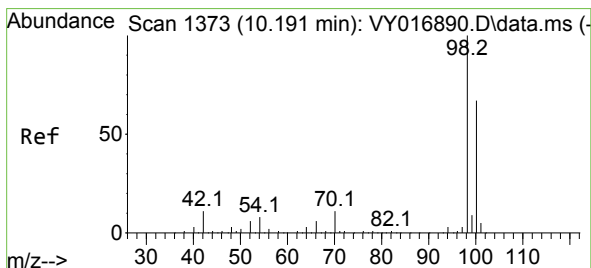
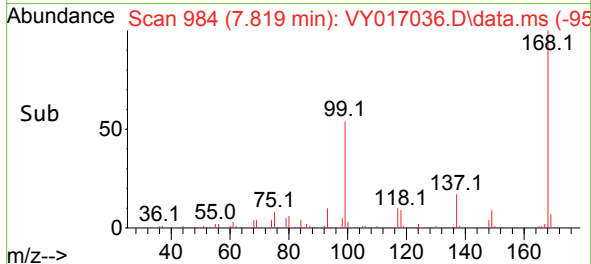
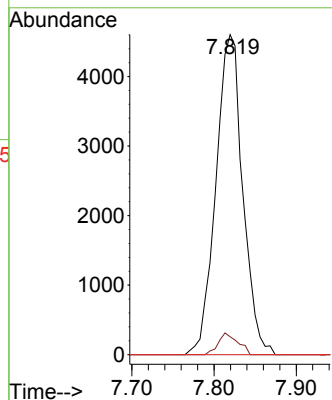


#38
Carbon Tetrachloride
Concen: 4.937 ug/l
RT: 7.819 min Scan# 91
Delta R.T. -0.098 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

Instrument :
MSVOA_Y
ClientSampleId :

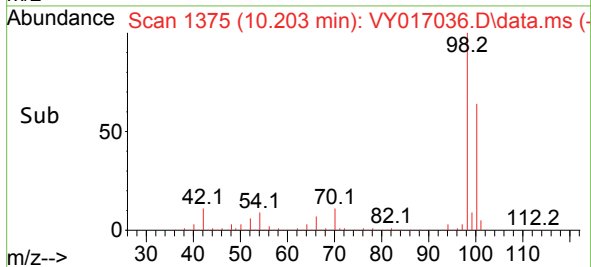
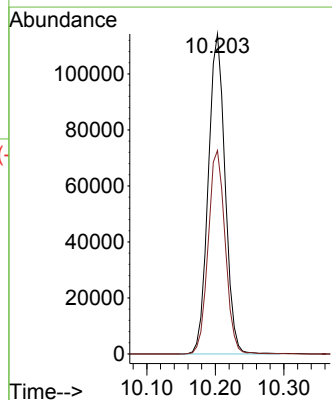
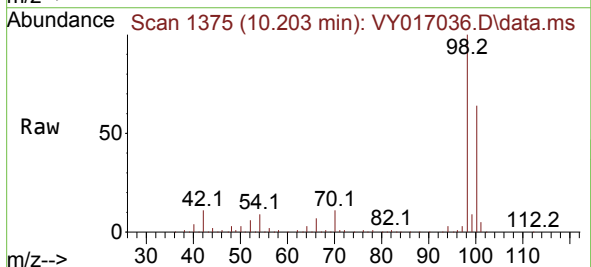


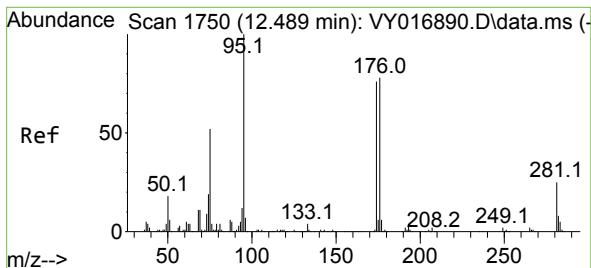
Tgt Ion:117 Resp: 10452
Ion Ratio Lower Upper
117 100
119 5.6 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 39.534 ug/l
RT: 10.203 min Scan# 1375
Delta R.T. 0.012 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

Tgt Ion: 98 Resp: 194636
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

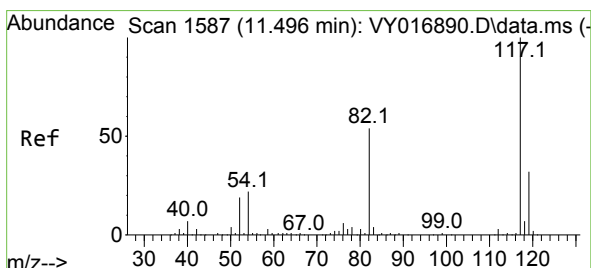
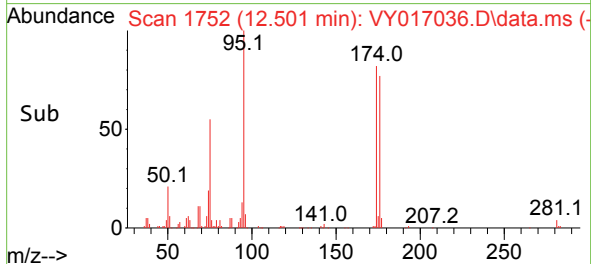
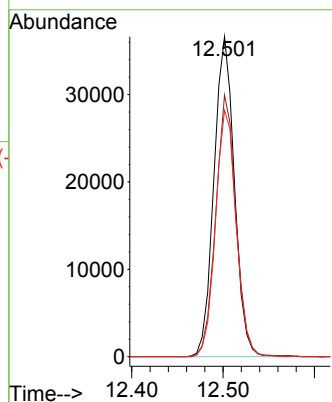
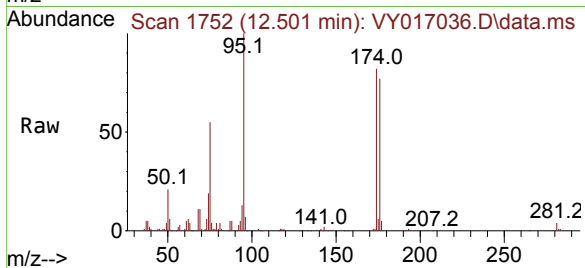




#62
4-Bromofluorobenzene
Concen: 34.377 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

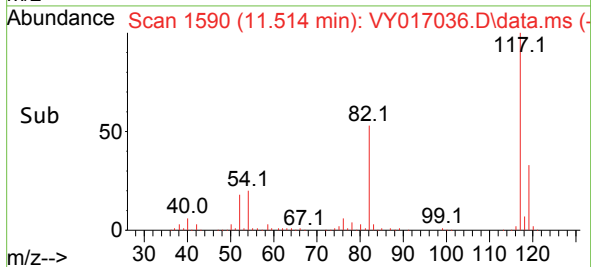
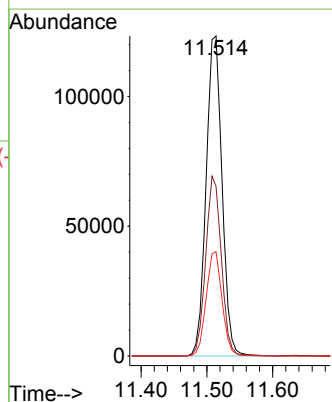
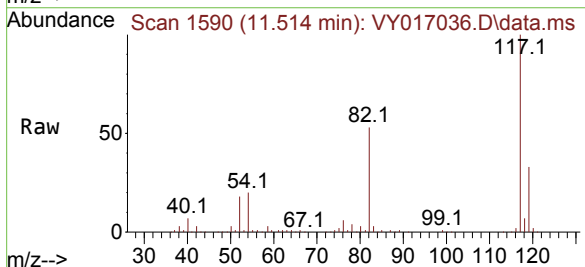
Instrument :
MSVOA_Y
ClientSampleId :

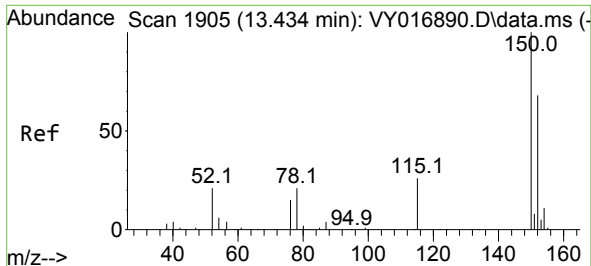
Tgt Ion: 95 Resp: 57102
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.0
176 77.7 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.012 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

Tgt Ion: 117 Resp: 207966
Ion Ratio Lower Upper
117 100
82 53.0 43.8 65.8
119 32.6 26.5 39.7

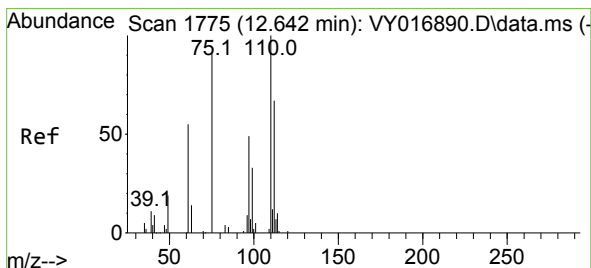
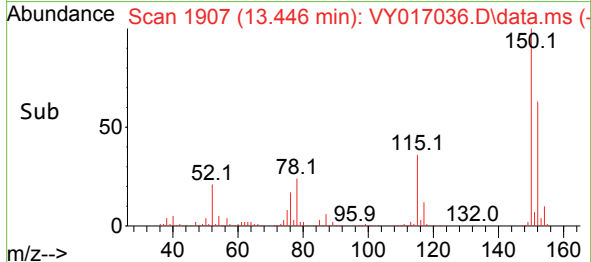
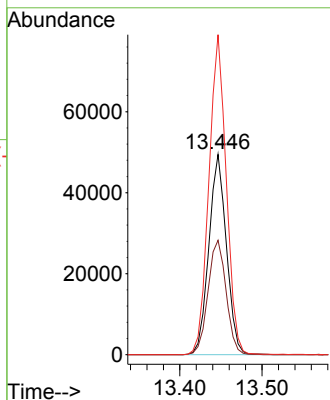
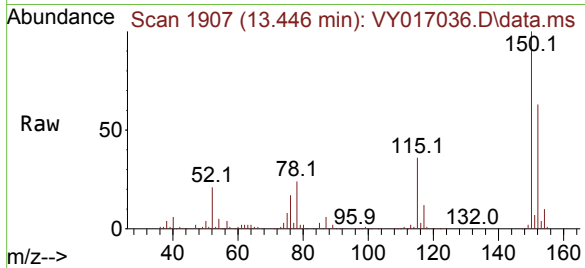




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.446 min Scan# 1905
 Delta R.T. 0.012 min
 Lab File: VY017036.D
 Acq: 18 Jan 2024 13:47

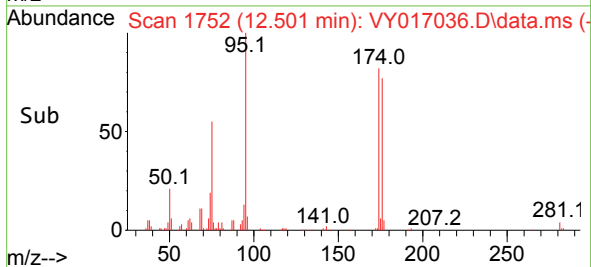
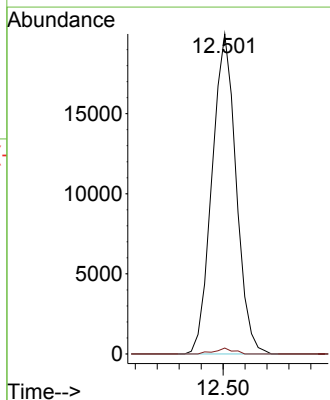
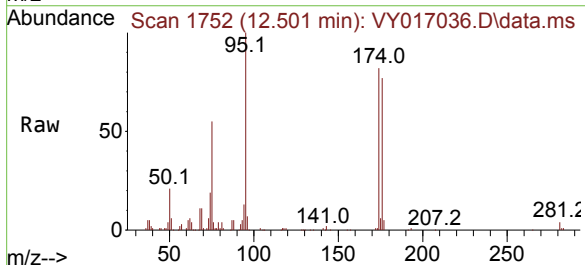
Instrument :
 MSVOA_Y
 ClientSampleId :

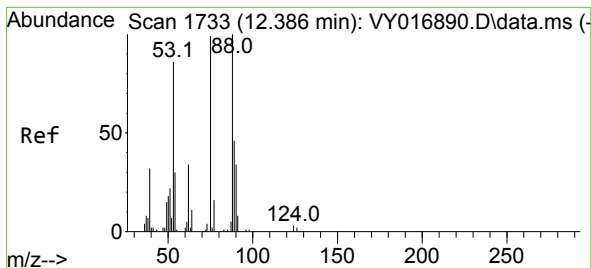
Tgt Ion:152 Resp: 73458
 Ion Ratio Lower Upper
 152 100
 115 58.9 30.0 90.0
 150 158.1 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 38.338 ug/l
 RT: 12.501 min Scan# 1752
 Delta R.T. -0.141 min
 Lab File: VY017036.D
 Acq: 18 Jan 2024 13:47

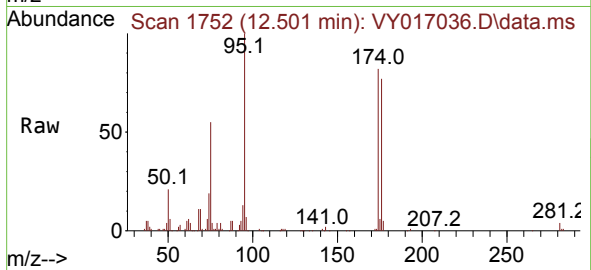
Tgt Ion: 75 Resp: 30561
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.055 ug/l
RT: 12.501 min Scan# 11
Delta R.T. 0.116 min
Lab File: VY017036.D
Acq: 18 Jan 2024 13:47

Instrument :
MSVOA_Y
ClientSampleId :



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

