

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011224\
 Data File : VY016994.D
 Acq On : 12 Jan 2024 15:45
 Operator : SY/MD
 Sample : P1123-01RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 13 00:06:58 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)

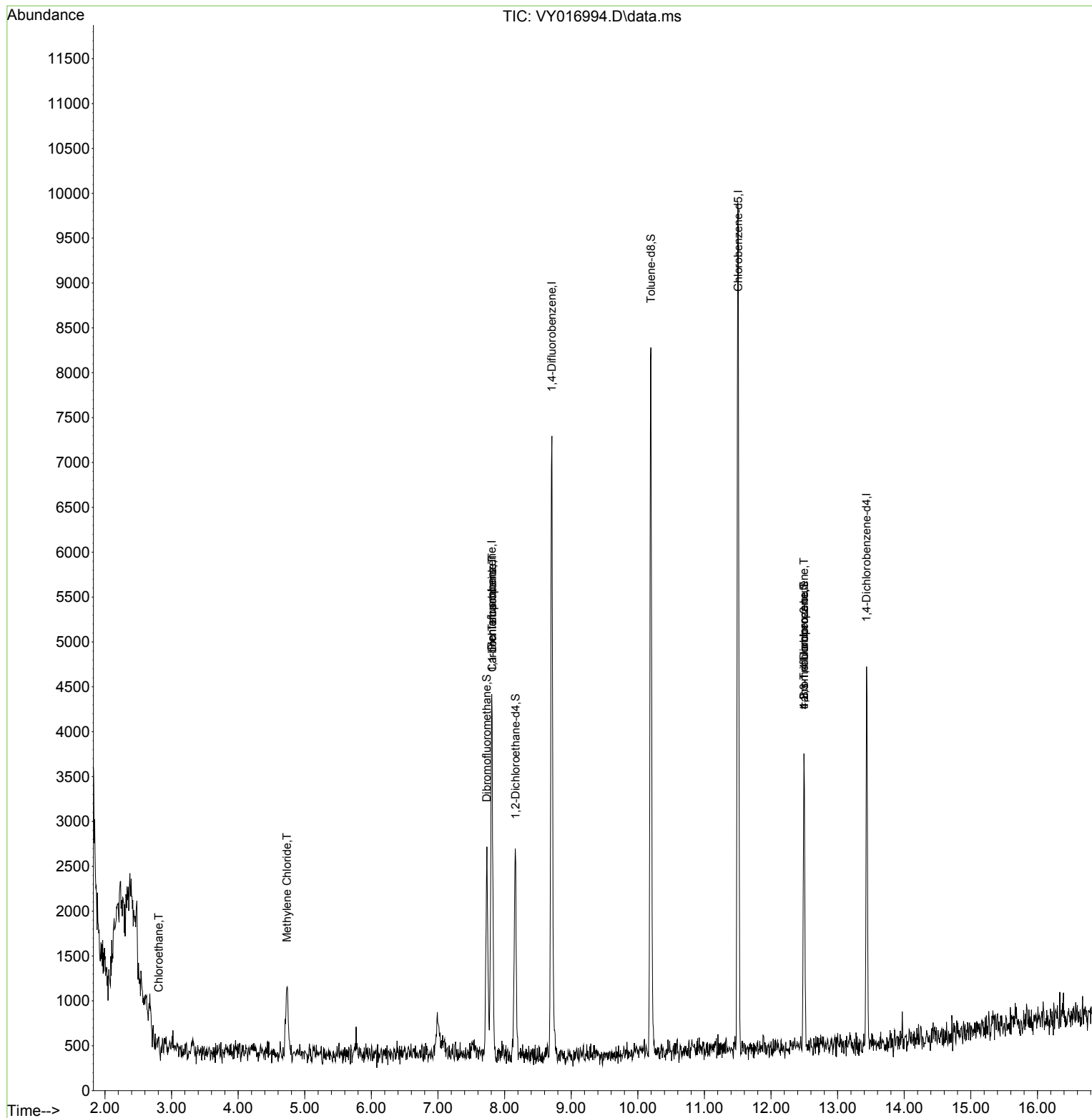
Internal Standards						
1) Pentafluorobenzene	7.807	168	3621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.709	114	6532	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	5740	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	1871	52.279	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.560%	
35) Dibromofluoromethane	7.734	113	1641	39.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.840%	
50) Toluene-d8	10.197	98	5826	40.646	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 81.300%	
62) 4-Bromofluorobenzene	12.495	95	1295	26.779	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 53.560%	
Target Compounds						
					Qvalue	
6) Chloroethane	2.808	64	64	1.886	ug/l #	43
16) Acetone	3.966	43	190	Below Cal	#	41
20) Methylene Chloride	4.734	84	631	7.404	ug/l #	86
36) 1,1-Dichloropropene	7.813	75	202	3.330	ug/l #	42
38) Carbon Tetrachloride	7.813	117	347	5.630	ug/l #	12
76) 1,2,3-Trichloropropane	12.495	75	742	53.882	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.495	75	742	122.351	ug/l #	12

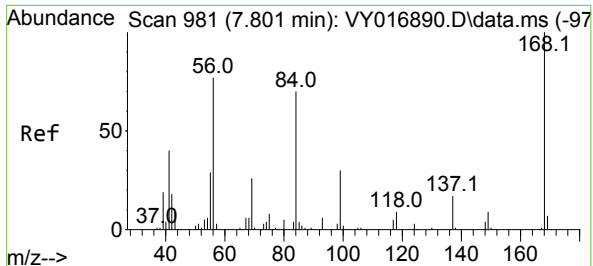
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jan 02 14:25:32 2024
Response via : Initial Calibration

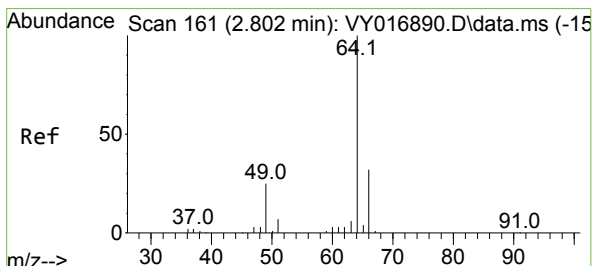
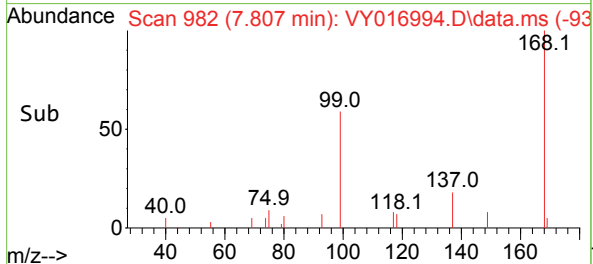
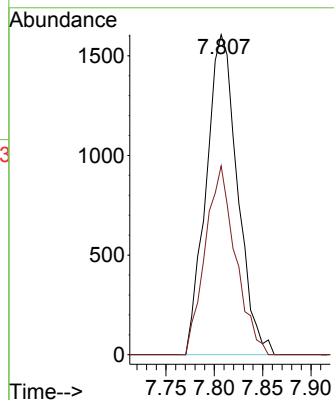
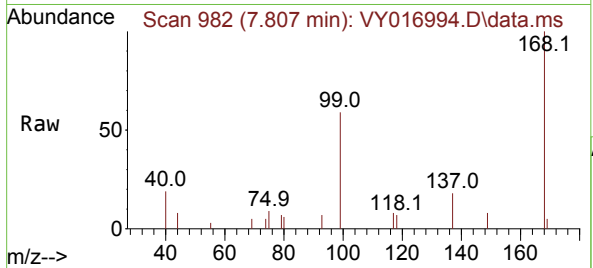




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016994.D
Acq: 12 Jan 2024 15:45

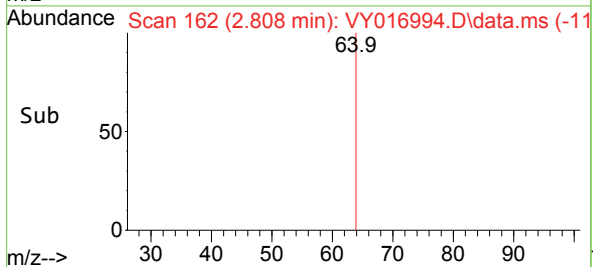
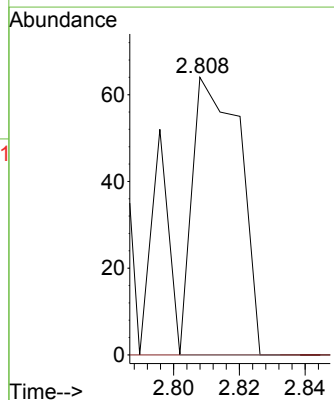
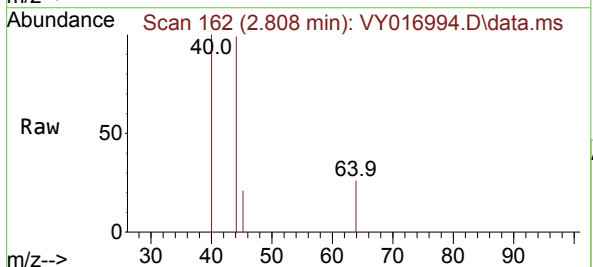
Instrument :
MSVOA_Y
ClientSampleId :

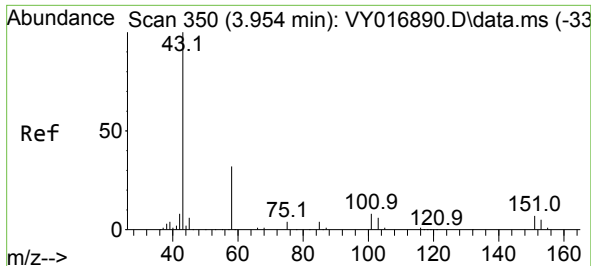
Tgt Ion:168 Resp: 3621
Ion Ratio Lower Upper
168 100
99 59.0 44.2 66.4



#6
Chloroethane
Concen: 1.886 ug/l
RT: 2.808 min Scan# 162
Delta R.T. -0.000 min
Lab File: VY016994.D
Acq: 12 Jan 2024 15:45

Tgt Ion: 64 Resp: 64
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#16

Acetone

Concen: Below Cal

RT: 3.966 min Scan# 3

Delta R.T. 0.006 min

Lab File: VY016994.D

Acq: 12 Jan 2024 15:45

Instrument :

MSVOA_Y

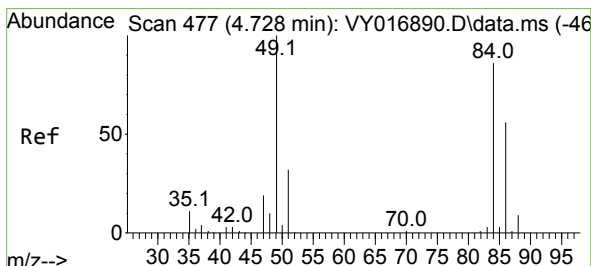
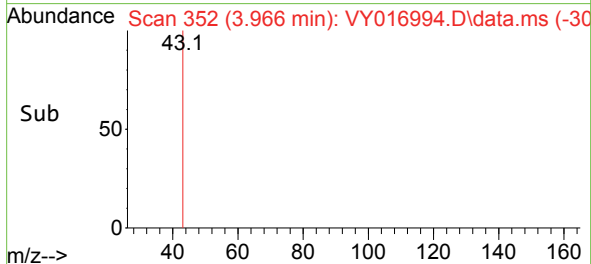
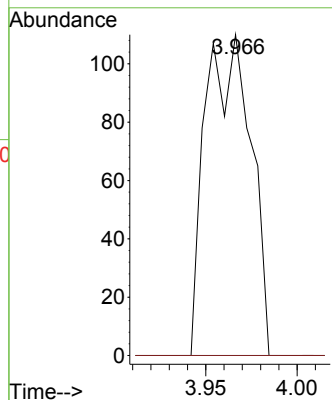
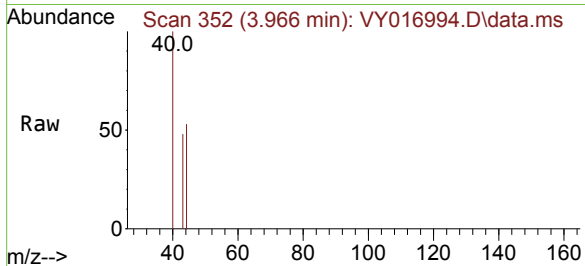
ClientSampleId :

Tgt Ion: 43 Resp: 190

Ion Ratio Lower Upper

43 100

58 0.0 26.6 39.8#



#20

Methylene Chloride

Concen: 7.404 ug/l

RT: 4.734 min Scan# 478

Delta R.T. 0.000 min

Lab File: VY016994.D

Acq: 12 Jan 2024 15:45

Tgt Ion: 84 Resp: 631

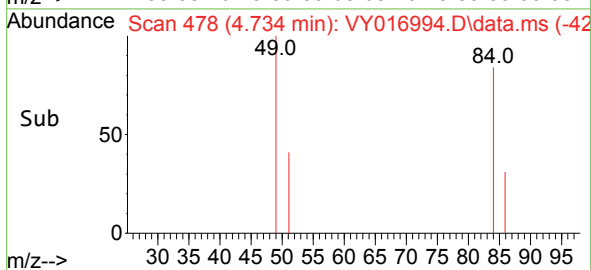
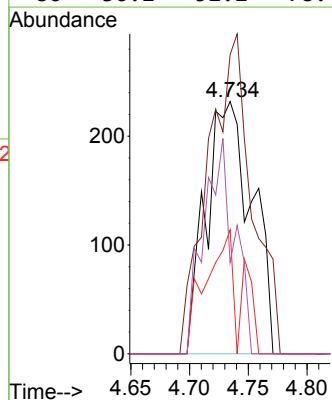
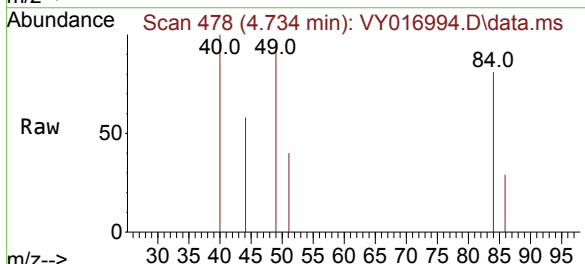
Ion Ratio Lower Upper

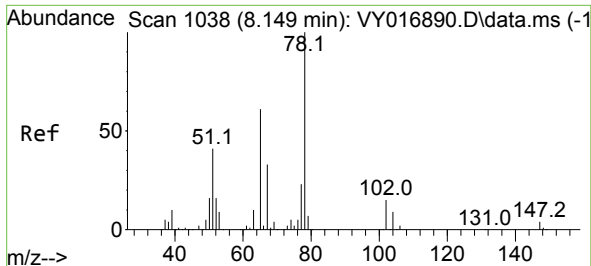
84 100

49 118.5 95.2 142.8

51 49.1 29.9 44.9#

86 36.2 52.2 78.4#

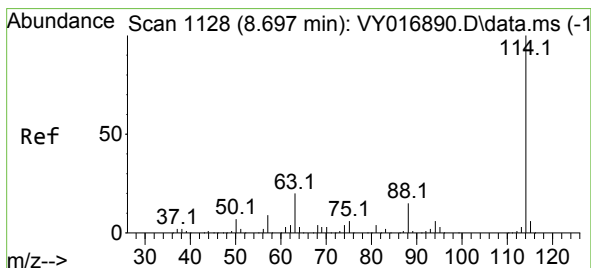
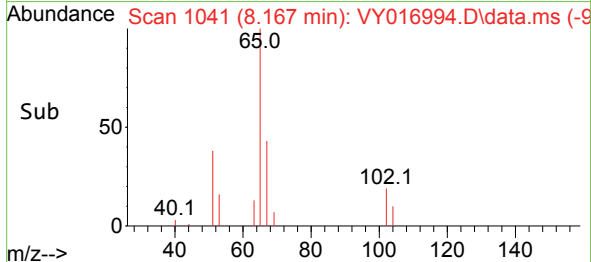
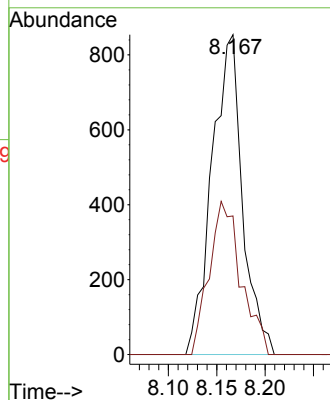
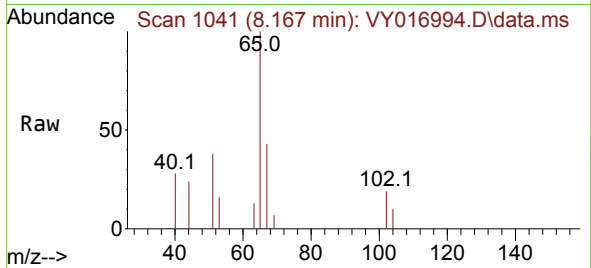




#33
 1,2-Dichloroethane-d4
 Concen: 52.279 ug/l
 RT: 8.167 min Scan# 1130
 Delta R.T. 0.012 min
 Lab File: VY016994.D
 Acq: 12 Jan 2024 15:45

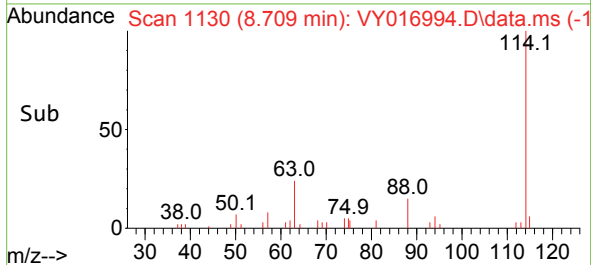
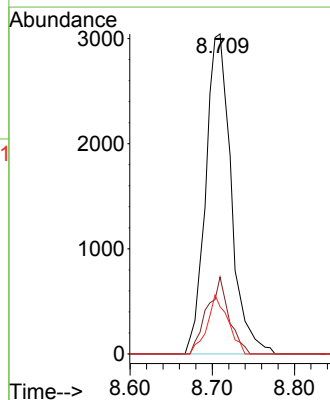
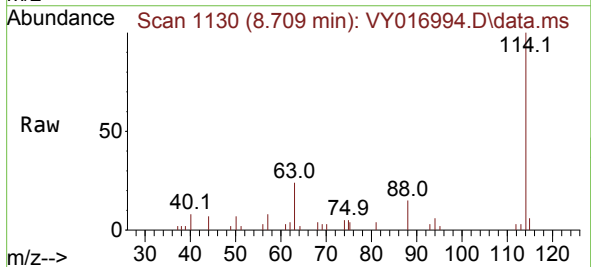
Instrument :
 MSVOA_Y
 ClientSampleId :

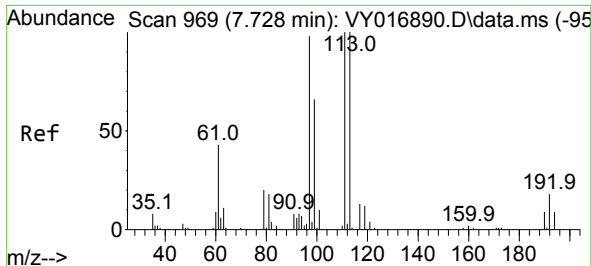
Tgt Ion: 65 Resp: 1871
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.709 min Scan# 1130
 Delta R.T. 0.006 min
 Lab File: VY016994.D
 Acq: 12 Jan 2024 15:45

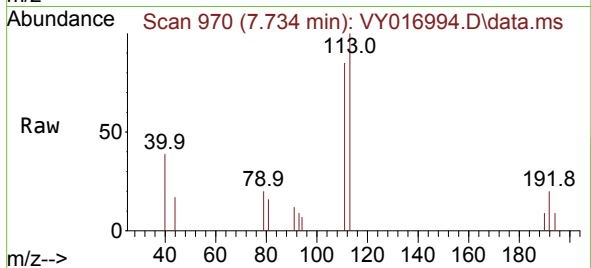
Tgt Ion: 114 Resp: 6532
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 37.4
 88 14.8 0.0 29.0



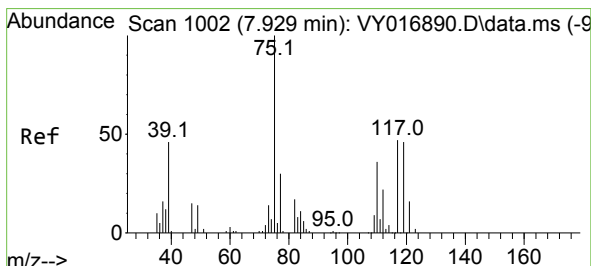
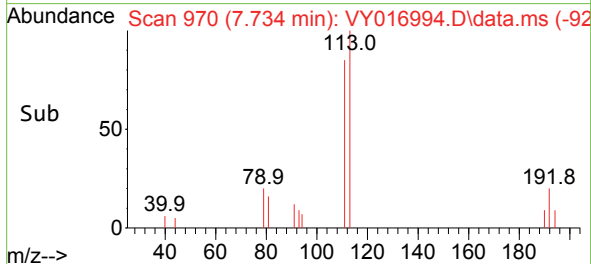
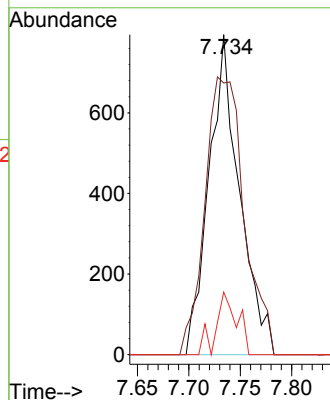


#35
 Dibromofluoromethane
 Concen: 39.424 ug/l
 RT: 7.734 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VY016994.D
 Acq: 12 Jan 2024 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :

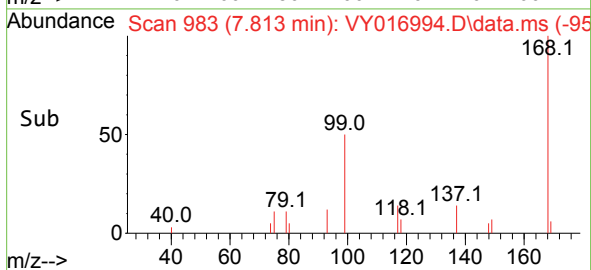
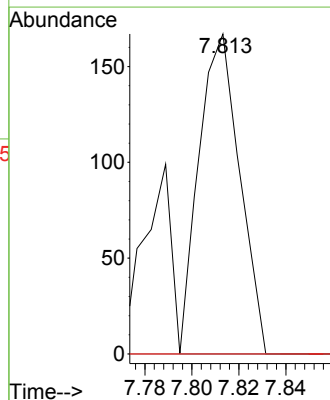
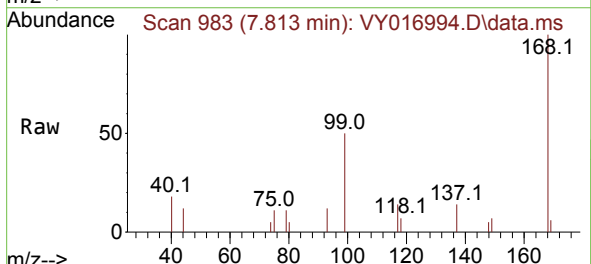


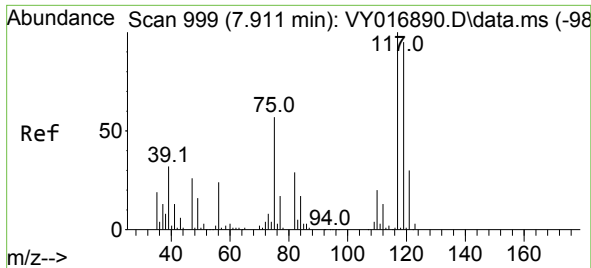
Tgt Ion:113 Resp: 1641
 Ion Ratio Lower Upper
 113 100
 111 111.3 83.8 125.6
 192 13.5 14.5 21.7#



#36
 1,1-Dichloropropene
 Concen: 3.330 ug/l
 RT: 7.813 min Scan# 983
 Delta R.T. -0.116 min
 Lab File: VY016994.D
 Acq: 12 Jan 2024 15:45

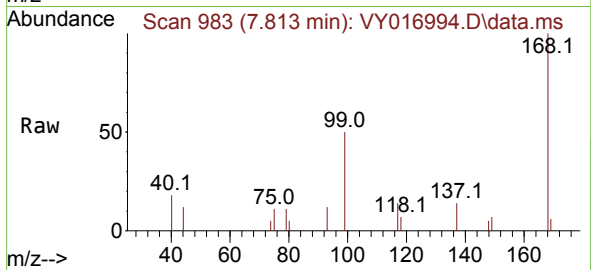
Tgt Ion: 75 Resp: 202
 Ion Ratio Lower Upper
 75 100
 110 0.0 17.4 52.3#
 77 0.0 24.7 37.1#



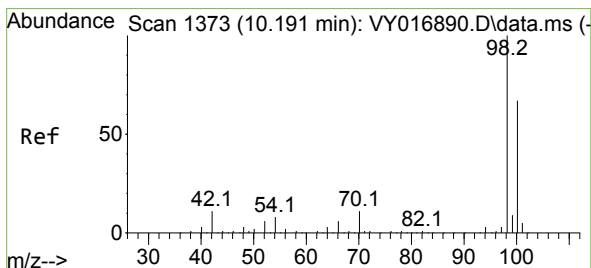
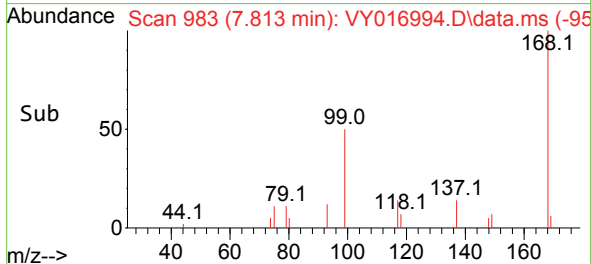
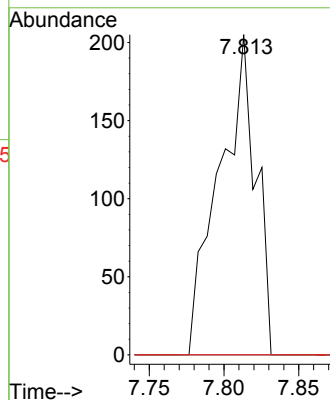


#38
Carbon Tetrachloride
Concen: 5.630 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY016994.D
Acq: 12 Jan 2024 15:45

Instrument :
MSVOA_Y
ClientSampleId :

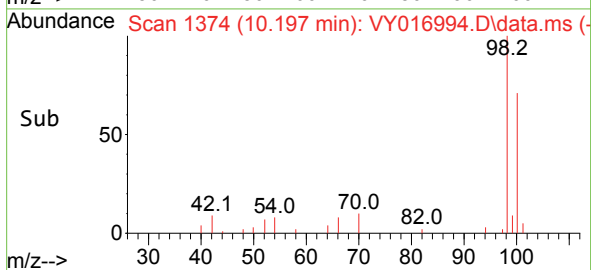
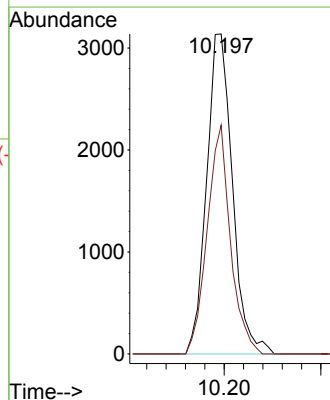
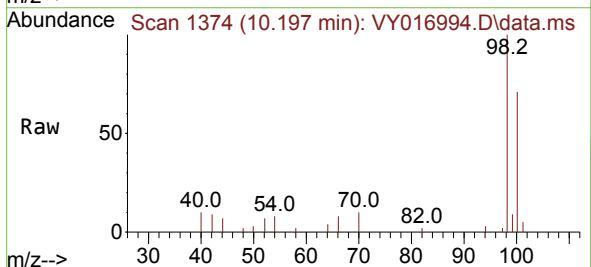


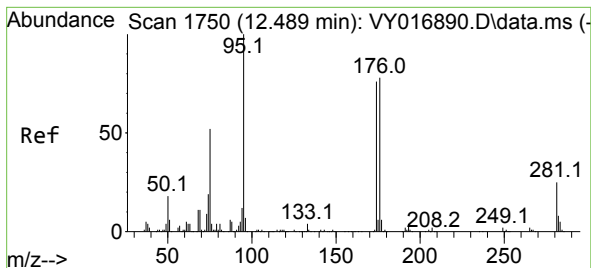
Tgt Ion:117 Resp: 347
Ion Ratio Lower Upper
117 100
119 0.0 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 40.646 ug/l
RT: 10.197 min Scan# 1374
Delta R.T. 0.006 min
Lab File: VY016994.D
Acq: 12 Jan 2024 15:45

Tgt Ion: 98 Resp: 5826
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

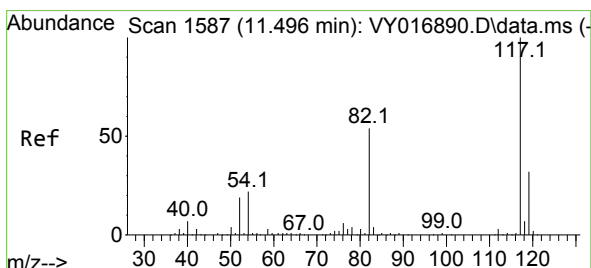
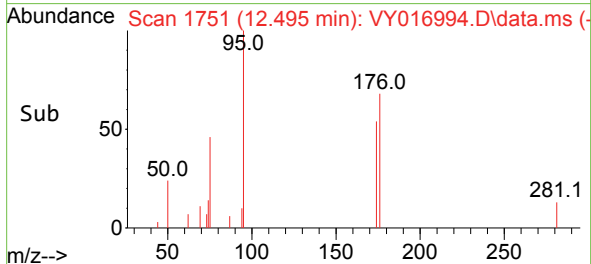
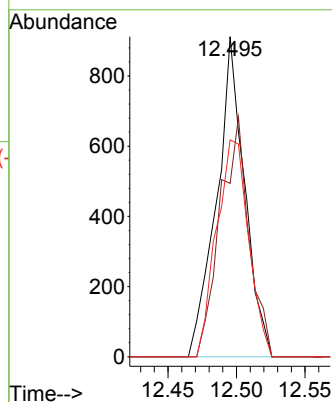
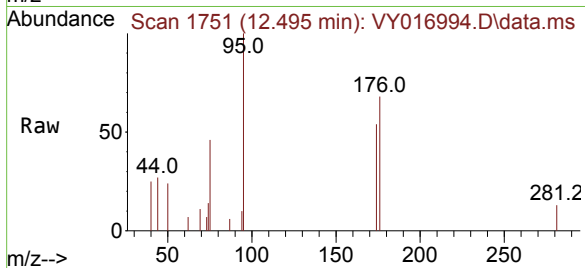




#62
4-Bromofluorobenzene
Concen: 26.779 ug/l
RT: 12.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016994.D
Acq: 12 Jan 2024 15:45

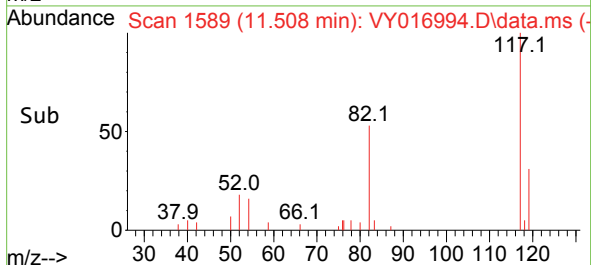
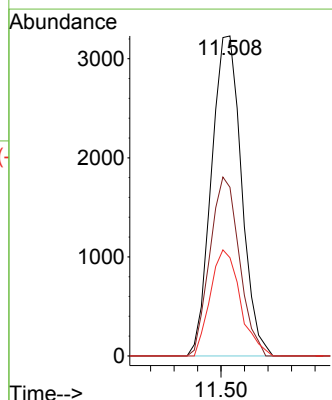
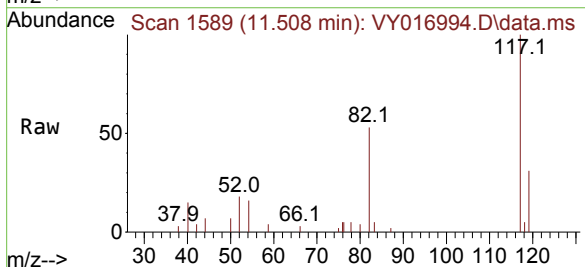
Instrument :
MSVOA_Y
ClientSampleId :

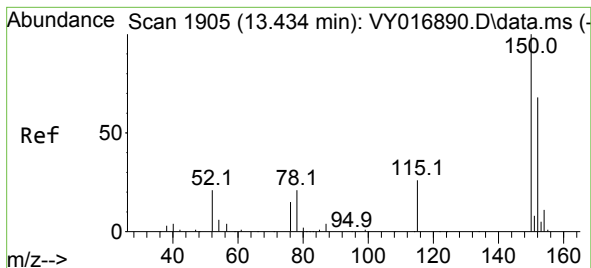
Tgt Ion: 95 Resp: 1295
Ion Ratio Lower Upper
95 100
174 77.1 0.0 160.0
176 77.4 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 1589
Delta R.T. 0.006 min
Lab File: VY016994.D
Acq: 12 Jan 2024 15:45

Tgt Ion: 117 Resp: 5740
Ion Ratio Lower Upper
117 100
82 52.7 43.8 65.8
119 30.7 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016994.D

Acq: 12 Jan 2024 15:45

Instrument :

MSVOA_Y

ClientSampleId :

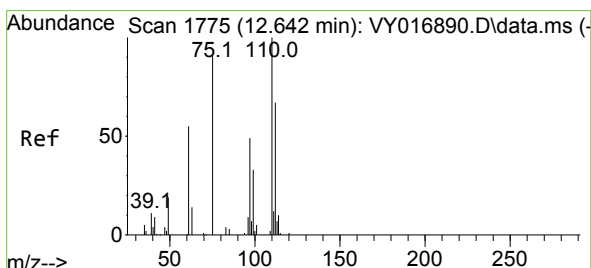
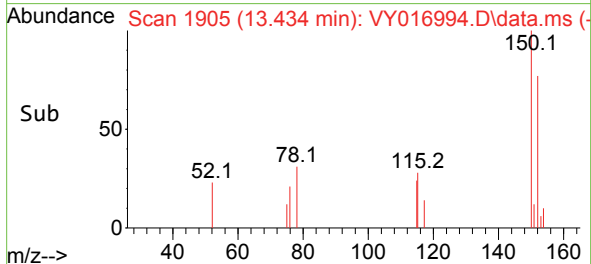
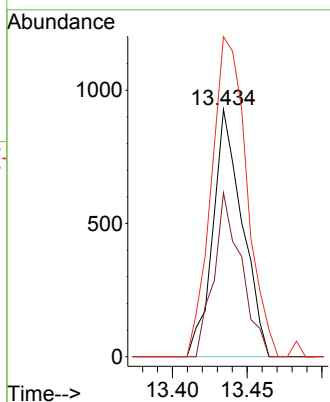
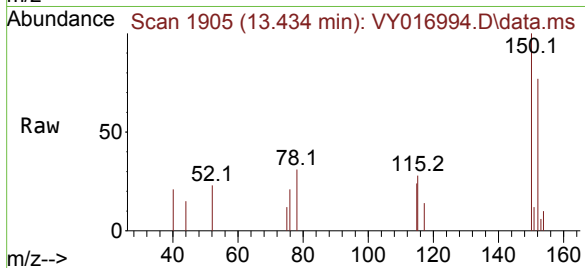
Tgt Ion:152 Resp: 1269

Ion Ratio Lower Upper

152 100

115 61.9 30.0 90.0

150 155.6 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 53.882 ug/l

RT: 12.495 min Scan# 1751

Delta R.T. -0.147 min

Lab File: VY016994.D

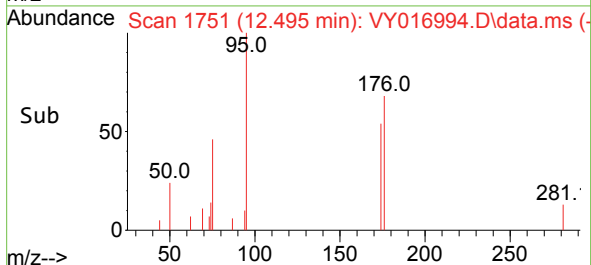
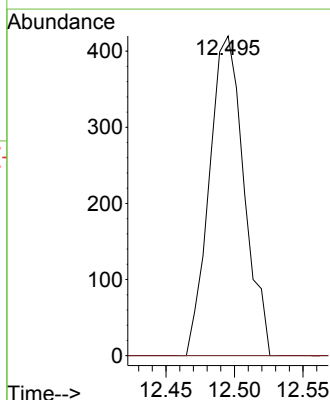
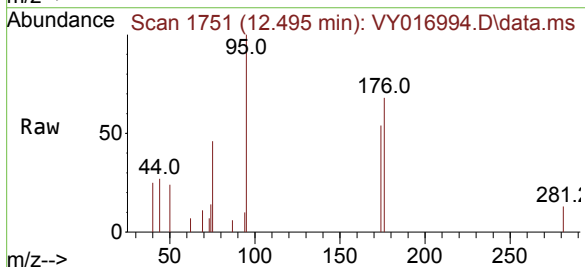
Acq: 12 Jan 2024 15:45

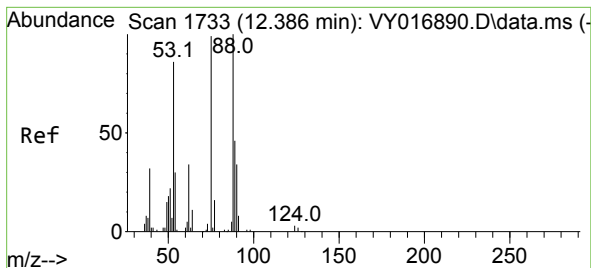
Tgt Ion: 75 Resp: 742

Ion Ratio Lower Upper

75 100

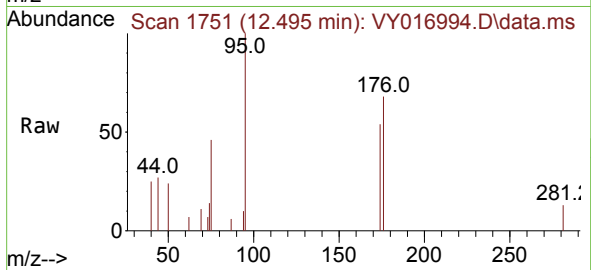
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.351 ug/l
 RT: 12.495 min Scan# 11
 Delta R.T. 0.110 min
 Lab File: VY016994.D
 Acq: 12 Jan 2024 15:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 742
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.0 111.0#
 89 0.0 36.5 54.7#

