

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071624\
 Data File : VY018830.D
 Acq On : 16 Jul 2024 14:15
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jul 17 01:55:47 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.771	168	196179	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	343825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	308357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	133380	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.124	65	94407	48.904	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.800%
35) Dibromofluoromethane	7.704	113	105396	48.943	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.880%
50) Toluene-d8	10.173	98	384972	47.186	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.380%
62) 4-Bromofluorobenzene	12.477	95	129508	46.482	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.960%

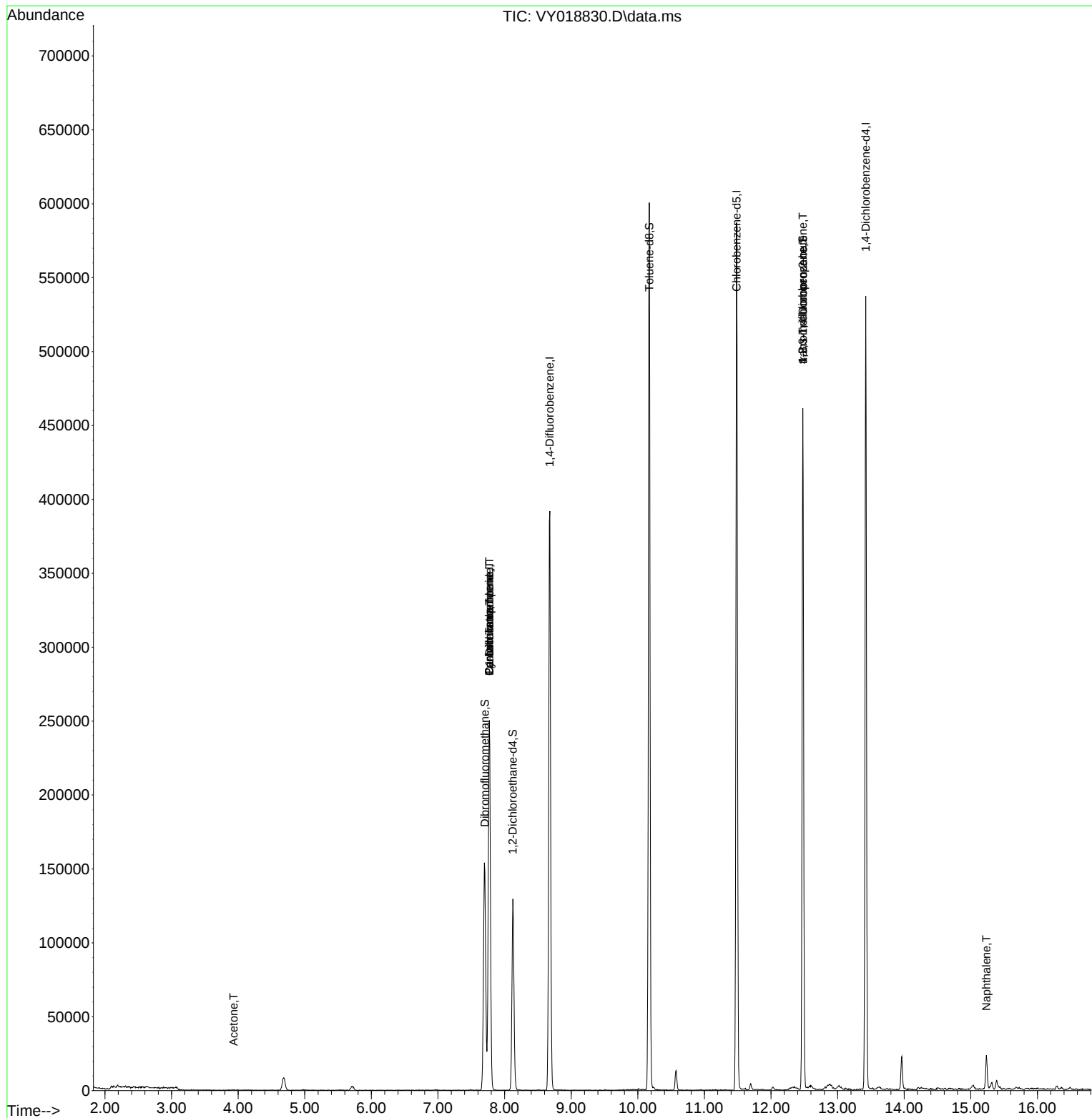
Target Compounds					Qvalue	
16) Acetone	3.930	43	372	1.045	ug/l	# 36
20) Methylene Chloride	4.680	84	6471	Below Cal		# 84
31) Cyclohexane	7.771	56	4031	1.359	ug/l	# 50
36) 1,1-Dichloropropene	7.771	75	14305	4.814	ug/l	# 49
38) Carbon Tetrachloride	7.771	117	18857	5.268	ug/l	# 16
76) 1,2,3-Trichloropropane	12.477	75	71282	68.235	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.477	75	71282	152.713	ug/l	# 16
95) Naphthalene	15.233	128	18877	4.559	ug/l	98

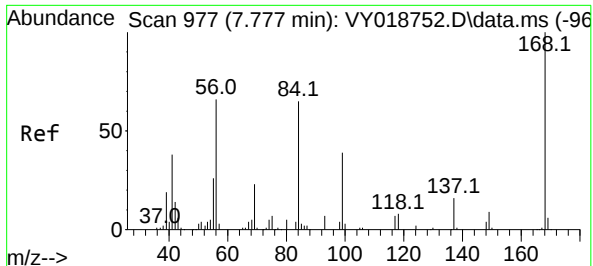
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 09 14:28:51 2024
Response via : Initial Calibration

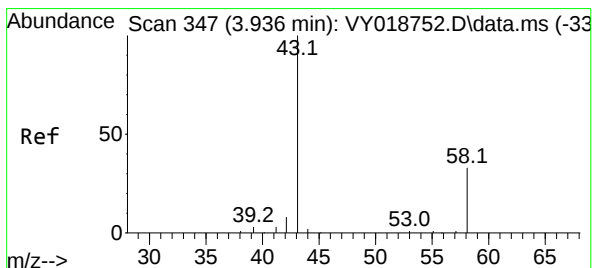
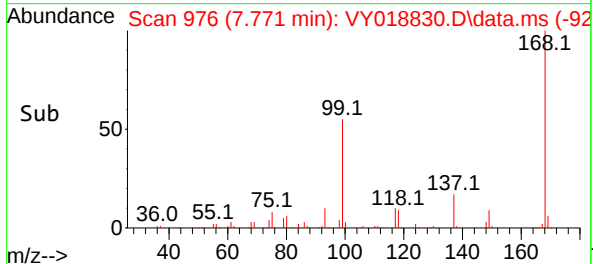
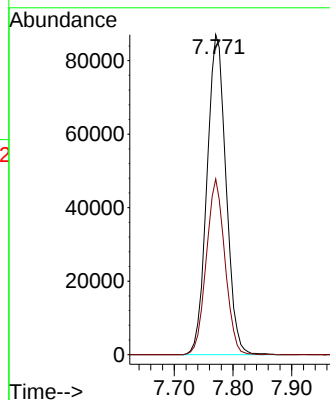
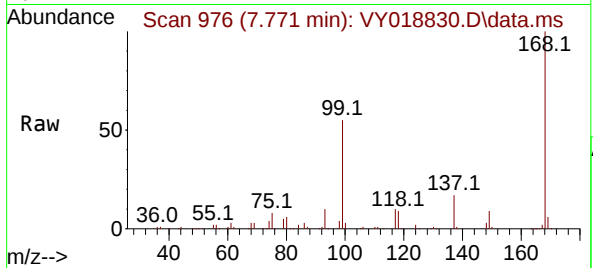




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

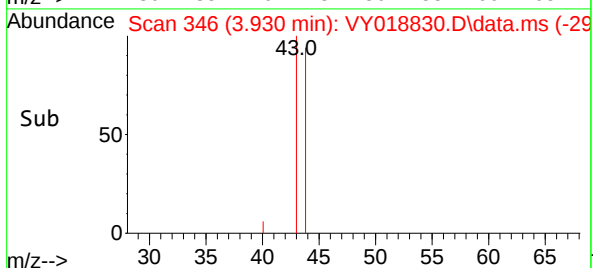
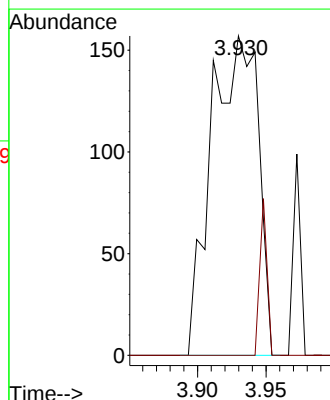
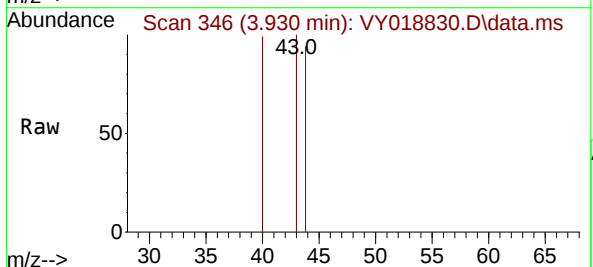
Instrument :
MSVOA_Y
ClientSampleId :

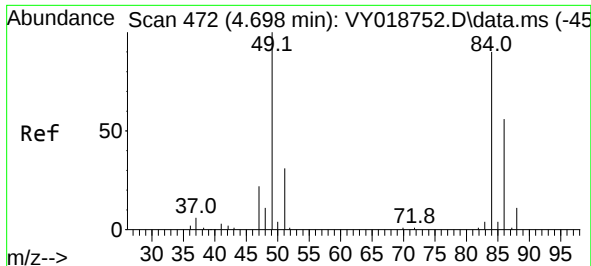
Tgt Ion:168 Resp: 196179
Ion Ratio Lower Upper
168 100
99 54.9 39.1 58.7



#16
Acetone
Concen: 1.045 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

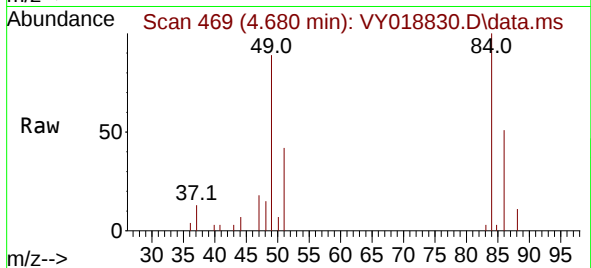
Tgt Ion: 43 Resp: 372
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



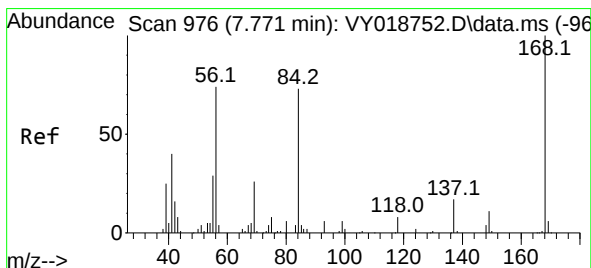
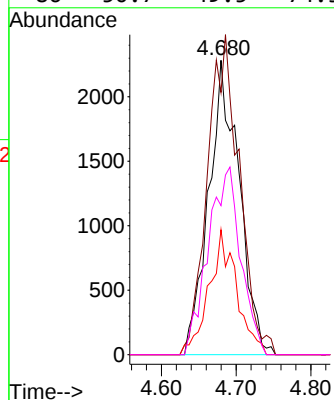


#20
Methylene Chloride
Concen: Below Cal
RT: 4.680 min Scan# 41
Delta R.T. -0.018 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :

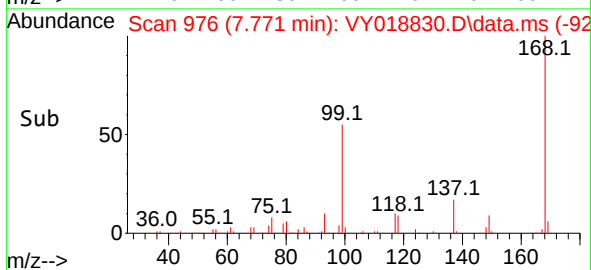
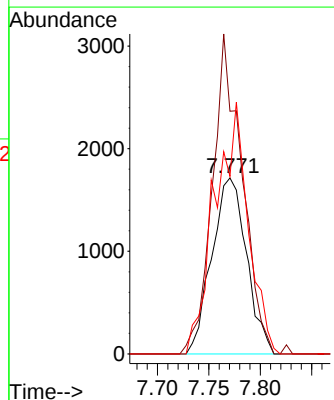
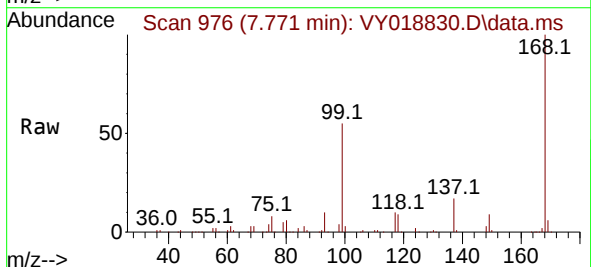


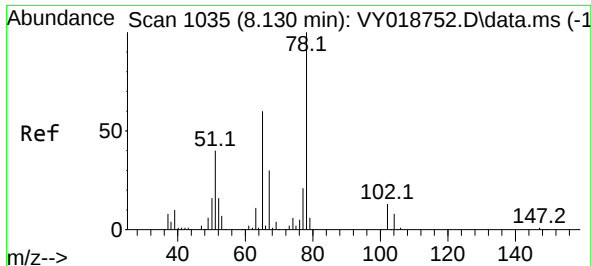
Tgt Ion:	84	Resp:	6471
Ion	Ratio	Lower	Upper
84	100		
49	89.1	84.4	126.6
51	42.4	26.0	39.0#
86	50.7	49.5	74.3



#31
Cyclohexane
Concen: 1.359 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.000 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

Tgt Ion:	56	Resp:	4031
Ion	Ratio	Lower	Upper
56	100		
69	138.0	28.7	43.1#
84	100.9	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 48.904 ug/l

RT: 8.124 min Scan# 1034

Delta R.T. -0.006 min

Lab File: VY018830.D

Acq: 16 Jul 2024 14:15

Instrument :

MSVOA_Y

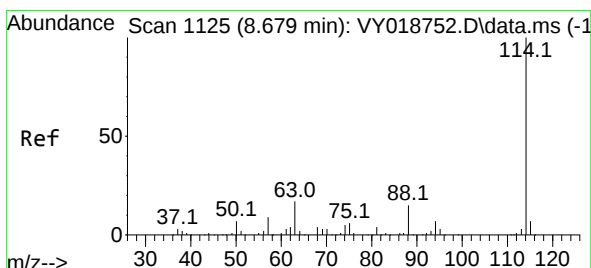
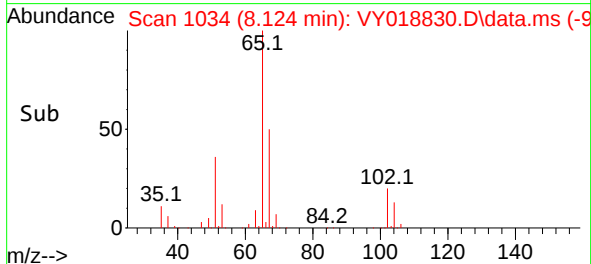
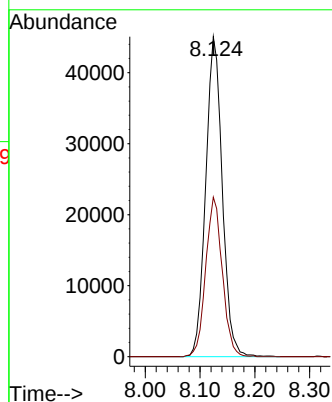
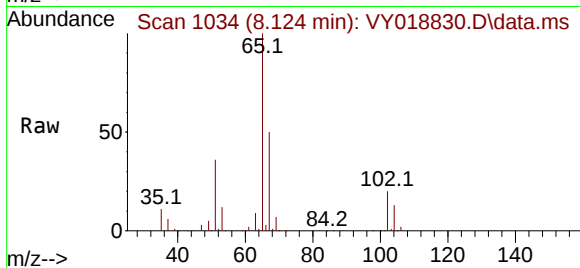
ClientSampleId :

Tgt Ion: 65 Resp: 94407

Ion Ratio Lower Upper

65 100

67 50.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.679 min Scan# 1125

Delta R.T. -0.000 min

Lab File: VY018830.D

Acq: 16 Jul 2024 14:15

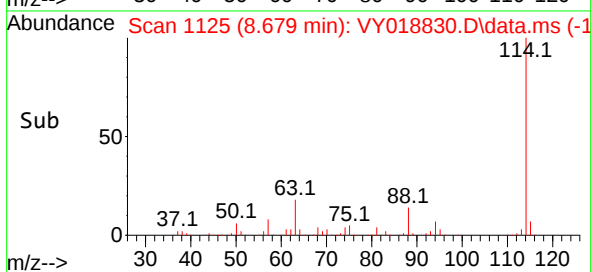
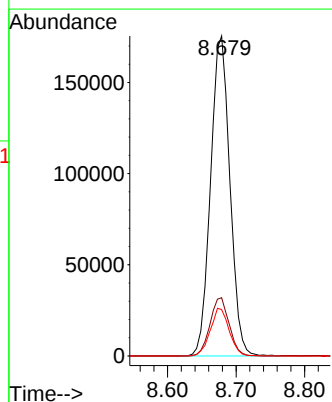
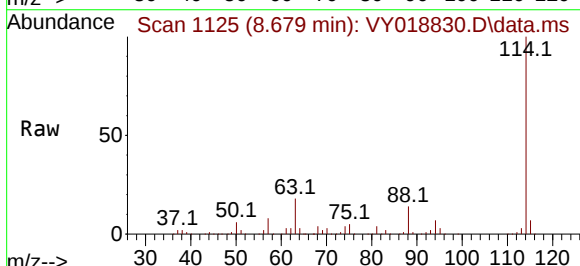
Tgt Ion: 114 Resp: 343825

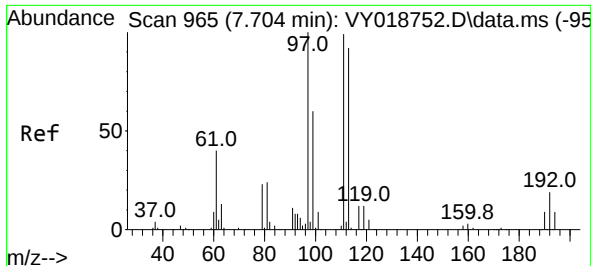
Ion Ratio Lower Upper

114 100

63 18.2 0.0 35.0

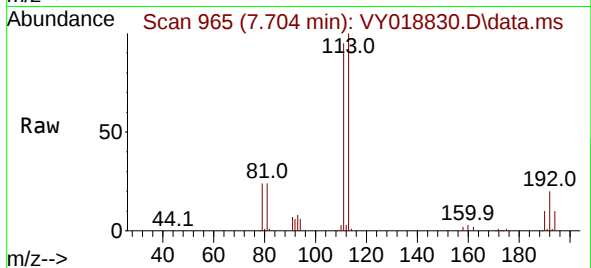
88 14.5 0.0 27.2



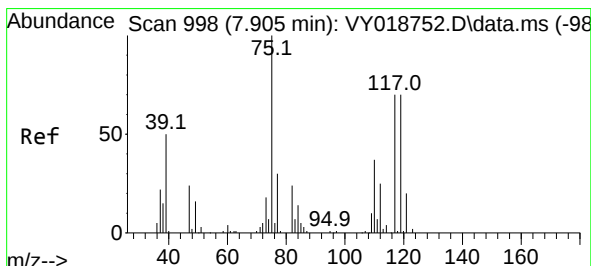
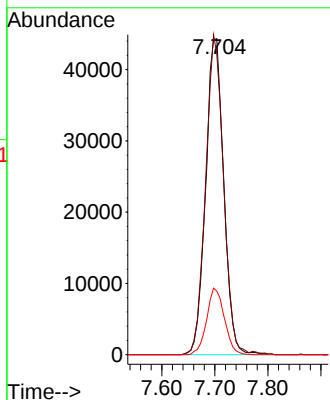
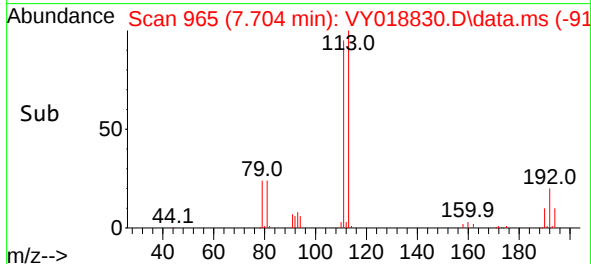


#35
Dibromofluoromethane
Concen: 48.943 ug/l
RT: 7.704 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :

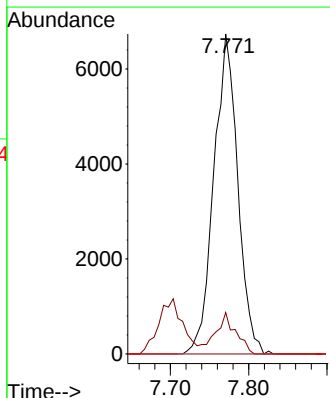
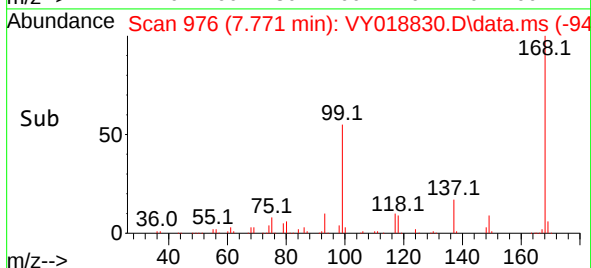
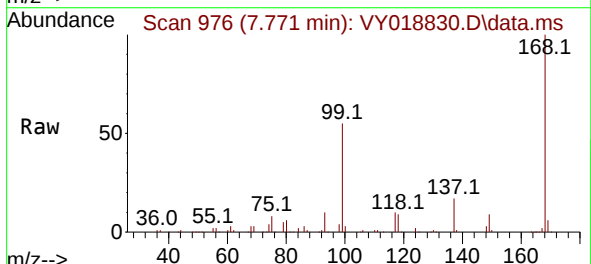


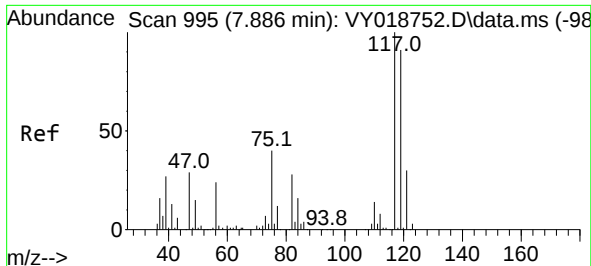
Tgt Ion:113 Resp: 105396
Ion Ratio Lower Upper
113 100
111 99.6 82.2 123.4
192 20.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.814 ug/l
RT: 7.771 min Scan# 976
Delta R.T. -0.134 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

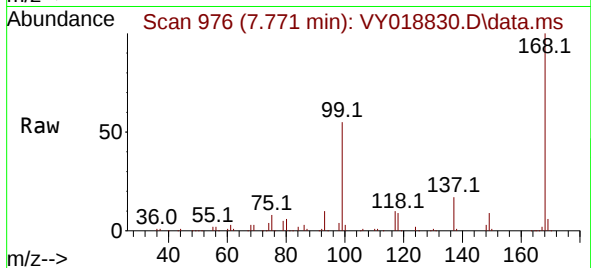
Tgt Ion: 75 Resp: 14305
Ion Ratio Lower Upper
75 100
110 10.1 19.0 57.0#
77 0.0 25.3 37.9#



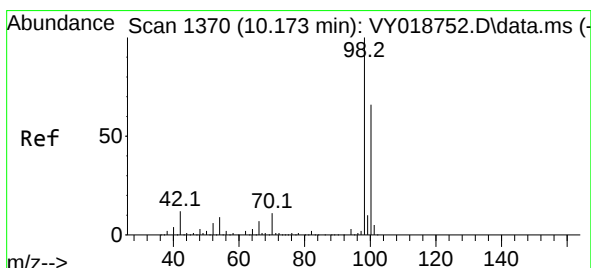
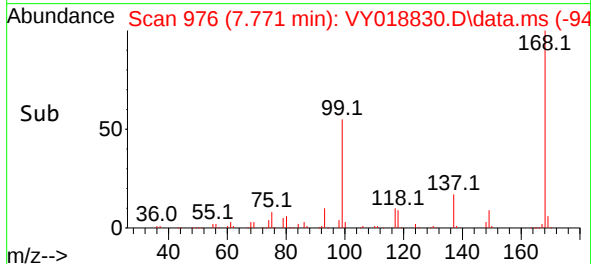
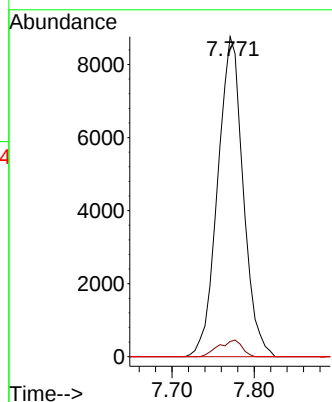


#38
Carbon Tetrachloride
Concen: 5.268 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :

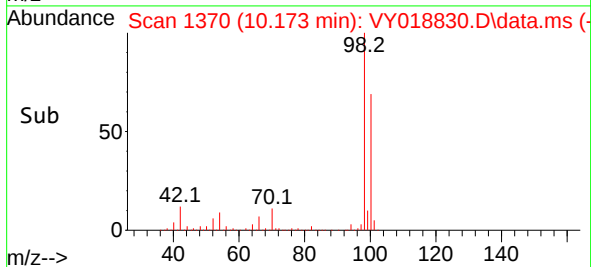
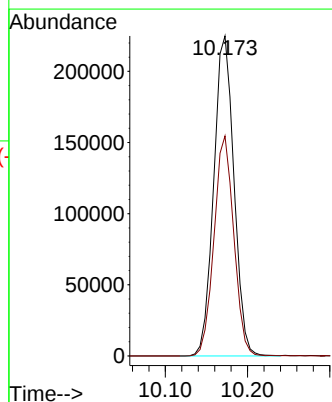
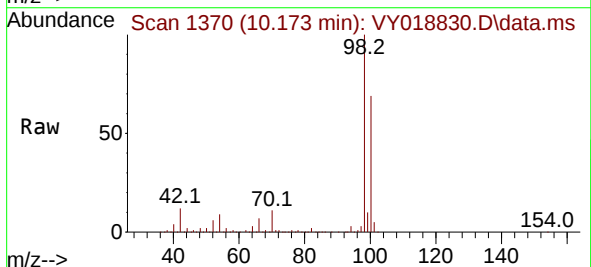


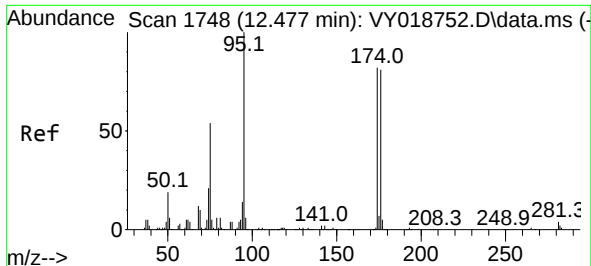
Tgt Ion:117 Resp: 18857
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 47.186 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

Tgt Ion: 98 Resp: 384972
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0

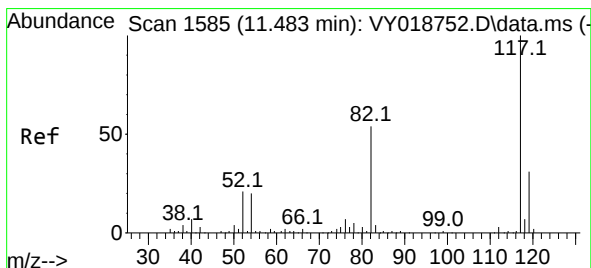
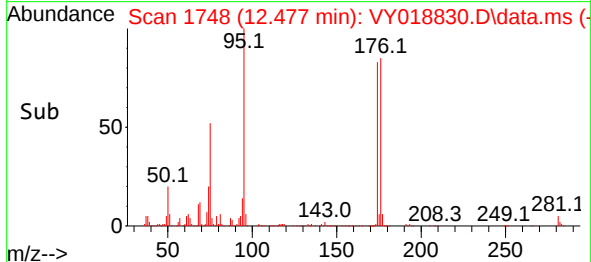
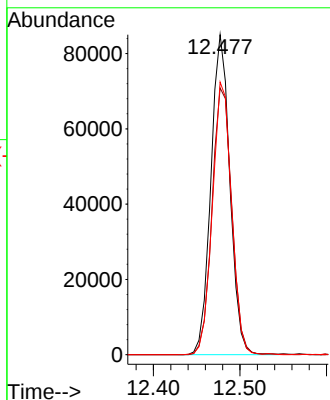
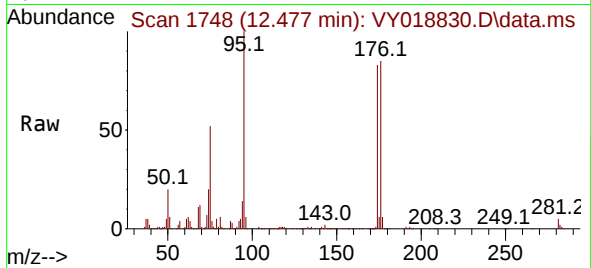




#62
4-Bromofluorobenzene
Concen: 46.482 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

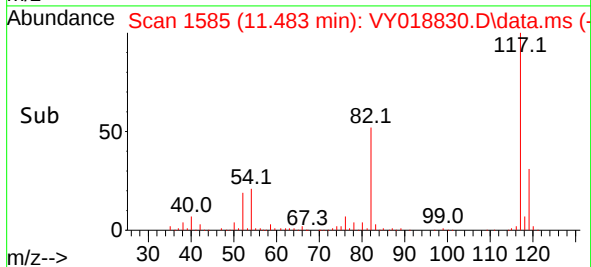
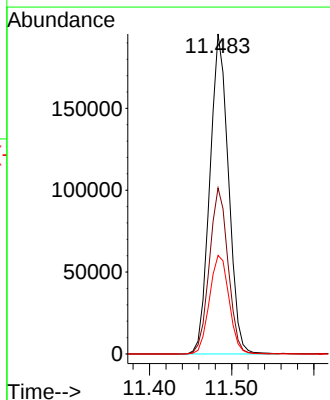
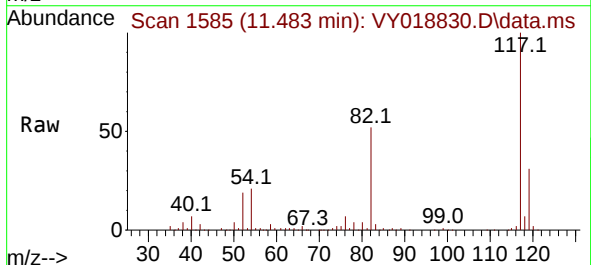
Instrument :
MSVOA_Y
ClientSampleId :

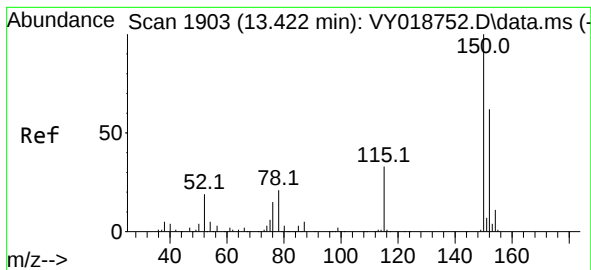
Tgt Ion: 95 Resp: 129508
Ion Ratio Lower Upper
95 100
174 86.8 0.0 175.6
176 86.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.000 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

Tgt Ion: 117 Resp: 308357
Ion Ratio Lower Upper
117 100
82 51.9 42.4 63.6
119 30.8 25.9 38.9

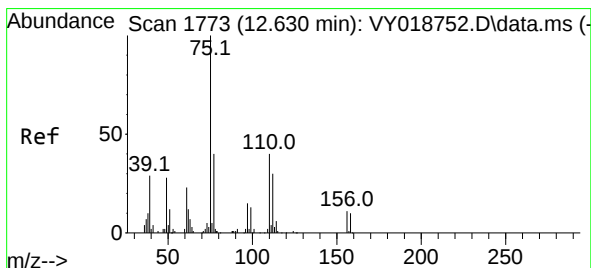
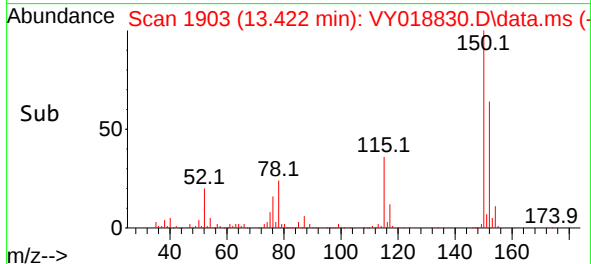
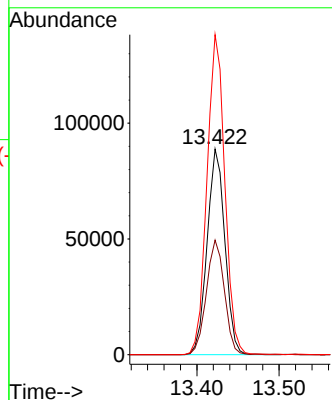
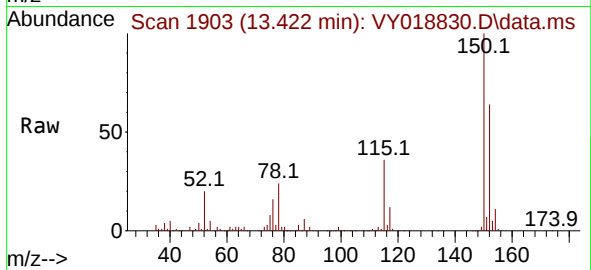




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY018830.D
 Acq: 16 Jul 2024 14:15

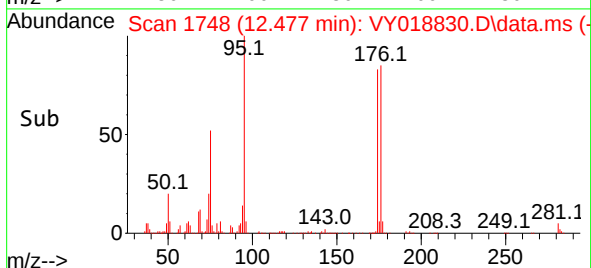
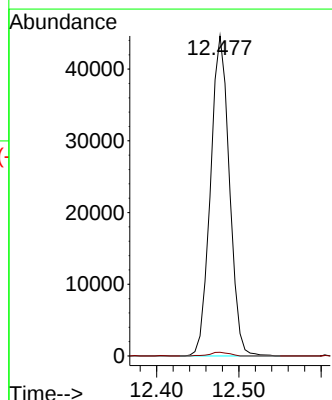
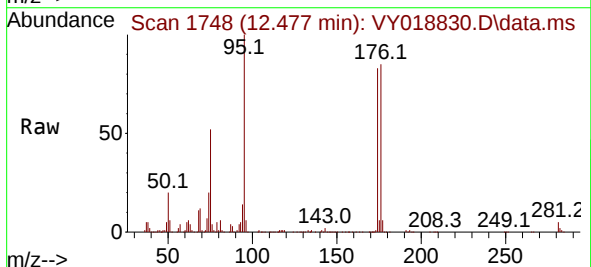
Instrument :
 MSVOA_Y
 ClientSampleId :

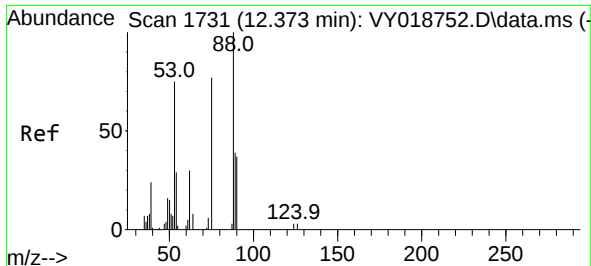
Tgt Ion:152 Resp: 133380
 Ion Ratio Lower Upper
 152 100
 115 56.5 28.2 84.7
 150 156.2 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 68.235 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY018830.D
 Acq: 16 Jul 2024 14:15

Tgt Ion: 75 Resp: 71282
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

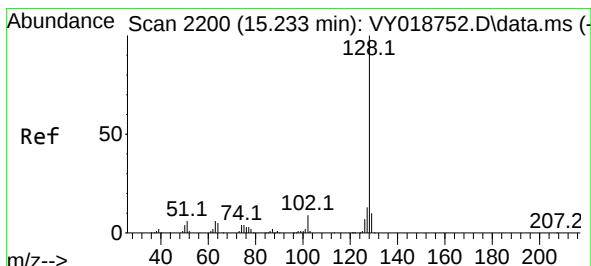
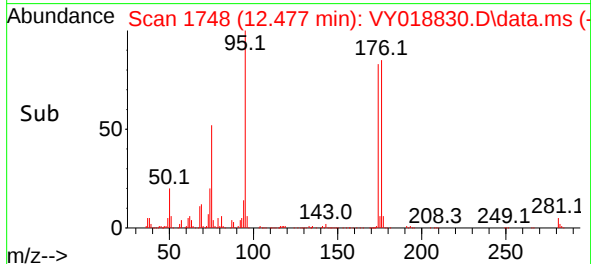
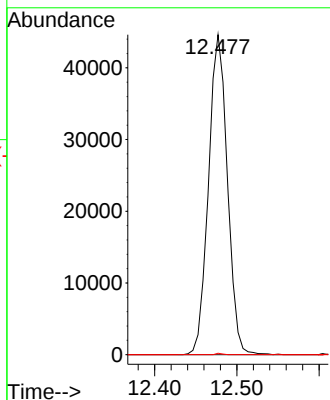
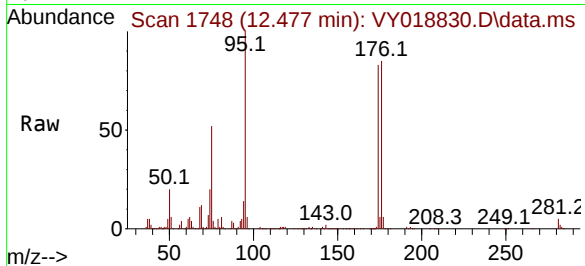




#81
trans-1,4-Dichloro-2-butene
Concen: 152.713 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 71282
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#



#95
Naphthalene
Concen: 4.559 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY018830.D
Acq: 16 Jul 2024 14:15

Tgt Ion:128 Resp: 18877
Ion Ratio Lower Upper
128 100
127 12.2 10.6 16.0
129 10.6 8.6 13.0

