

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019870.D
 Acq On : 11 Oct 2024 14:37
 Operator : SY/MD
 Sample : P4385-01
 Misc : 3.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:47:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

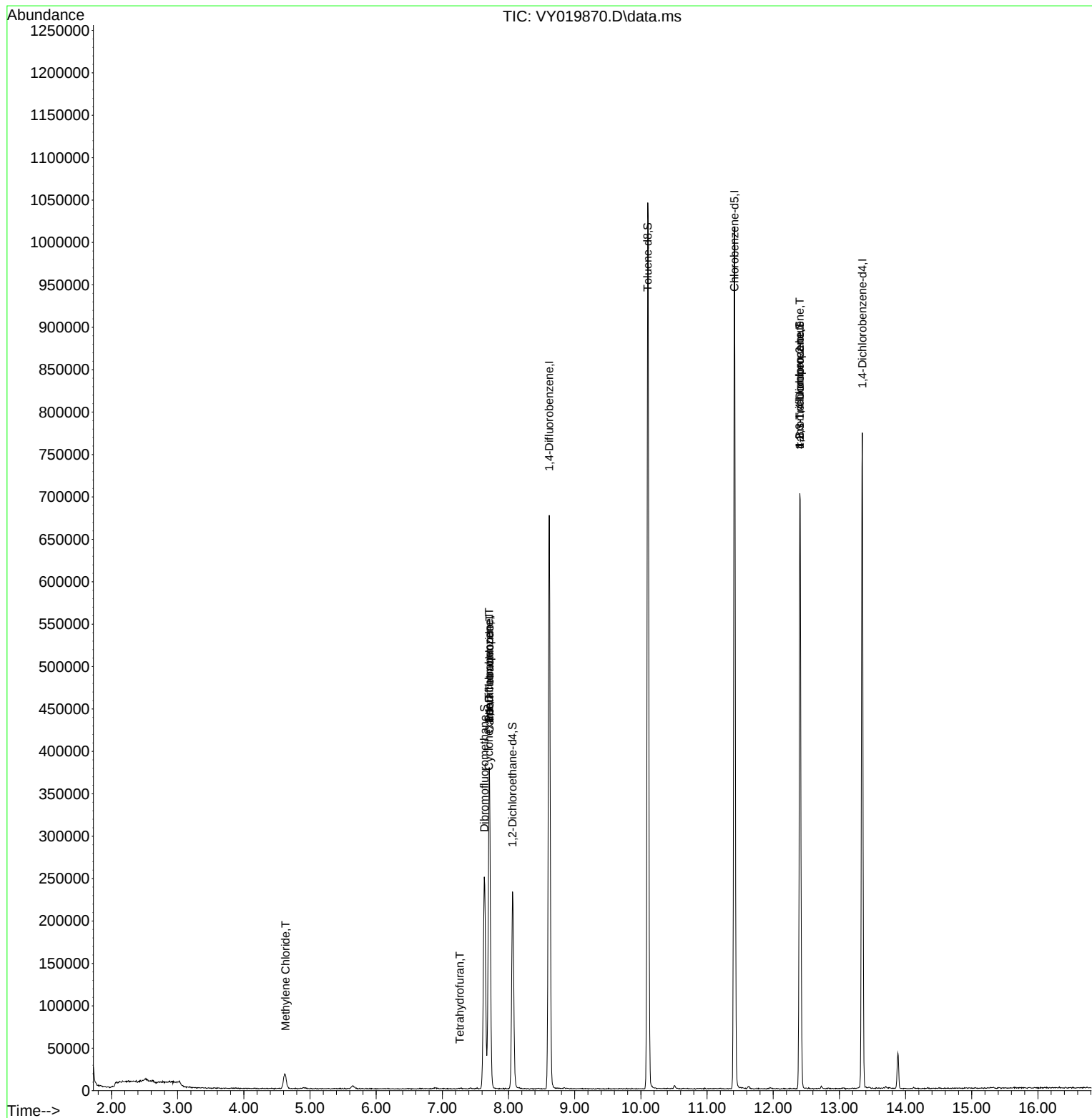
Internal Standards						
1) Pentafluorobenzene	7.707	168	262732	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	539484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	489774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	182418	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	181065	55.971	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.940%	
35) Dibromofluoromethane	7.634	113	175949	49.424	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.840%	
50) Toluene-d8	10.103	98	661208	50.295	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.600%	
62) 4-Bromofluorobenzene	12.401	95	203716	42.885	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.780%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.628	84	11990	3.097	ug/l	91
29) Tetrahydrofuran	7.262	42	853	1.325	ug/l	# 45
31) Cyclohexane	7.701	56	7519	1.391	ug/l	# 30
36) 1,1-Dichloropropene	7.707	75	25697	5.010	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	29807	5.421	ug/l	# 16
76) 1,2,3-Trichloropropane	12.401	75	117964	33.010	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	117964	133.242	ug/l	# 16

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011124\
Data File : VY019870.D
Acq On : 11 Oct 2024 14:37
Operator : SY/MD
Sample : P4385-01
Misc : 3.43g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 14 01:47:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration

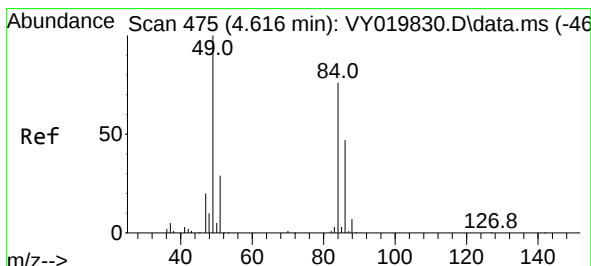
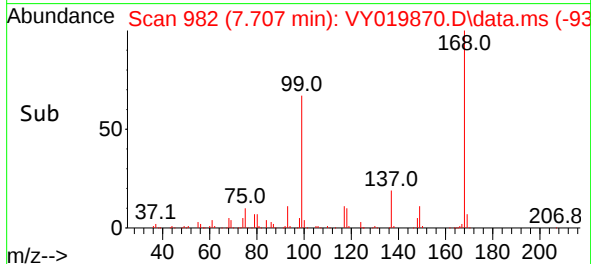
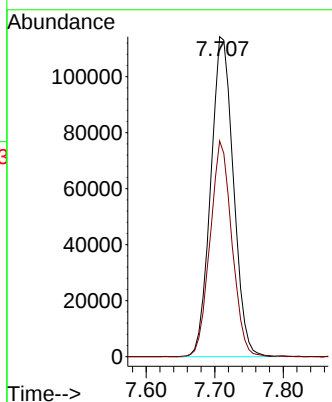
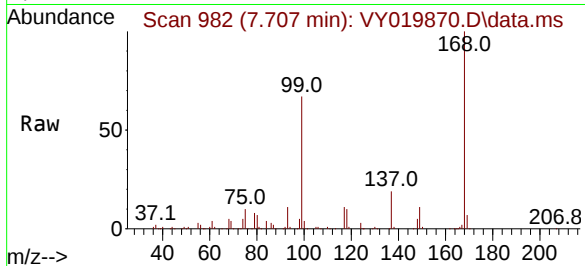




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

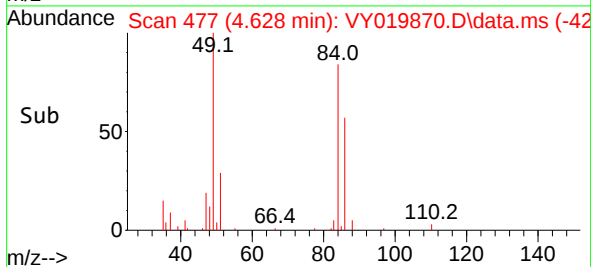
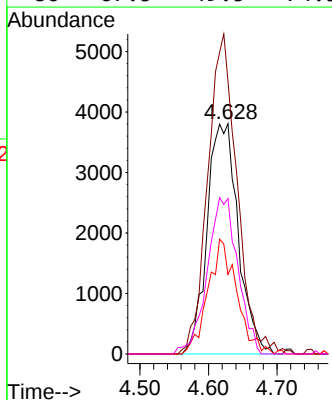
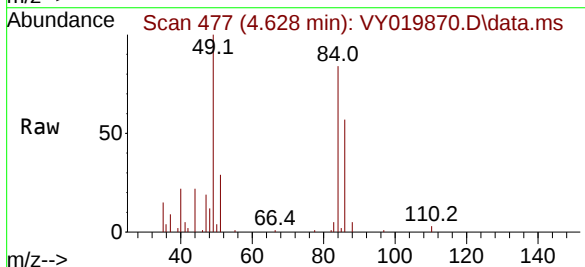
Instrument :
MSVOA_Y
ClientSampleId :

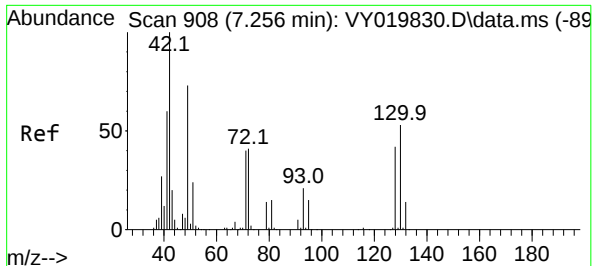
Tgt Ion:168 Resp: 262732
Ion Ratio Lower Upper
168 100
99 67.4 39.1 58.7#



#20
Methylene Chloride
Concen: 3.097 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

Tgt Ion: 84 Resp: 11990
Ion Ratio Lower Upper
84 100
49 118.5 84.4 126.6
51 34.5 26.0 39.0
86 67.5 49.5 74.3





#29

Tetrahydrofuran

Concen: 1.325 ug/l

RT: 7.262 min Scan# 908

Delta R.T. 0.000 min

Lab File: VY019870.D

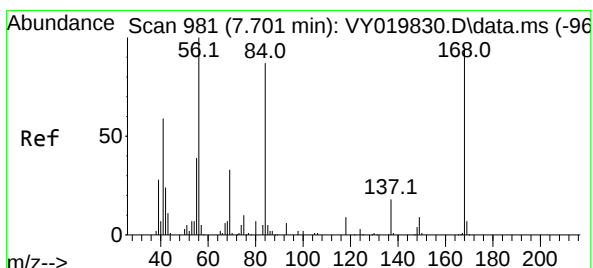
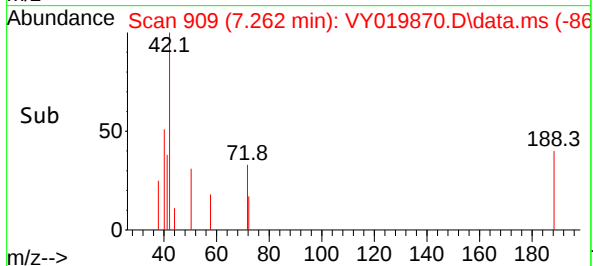
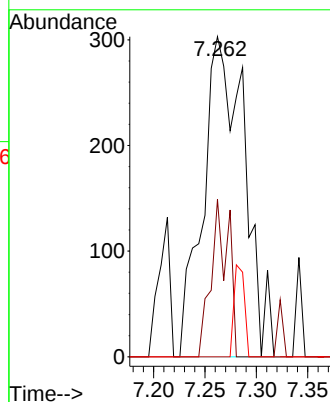
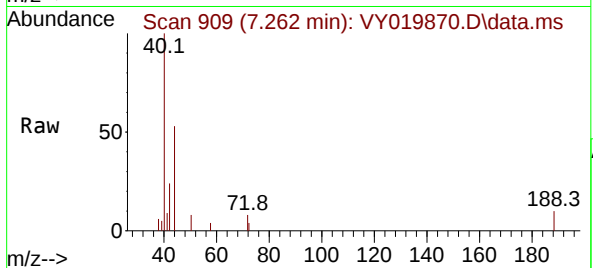
Acq: 11 Oct 2024 14:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 42	Resp: 853
Ion Ratio	Lower Upper
42	100
72	20.5 43.0 64.4#
71	7.2 40.8 61.2#



#31

Cyclohexane

Concen: 1.391 ug/l

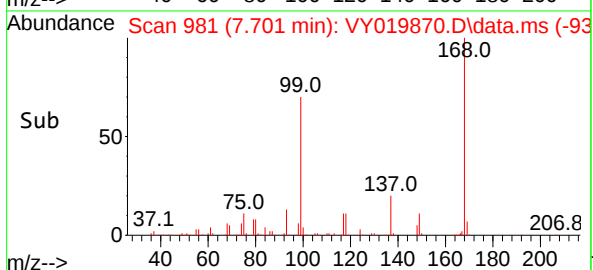
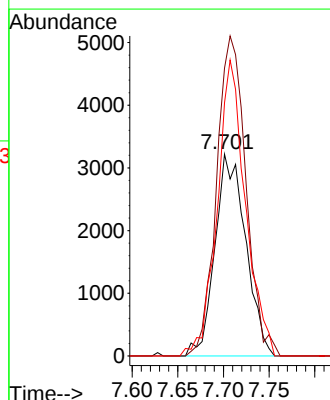
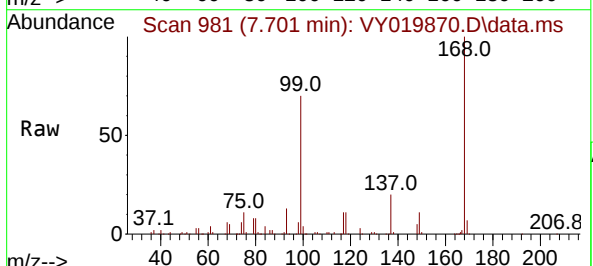
RT: 7.701 min Scan# 981

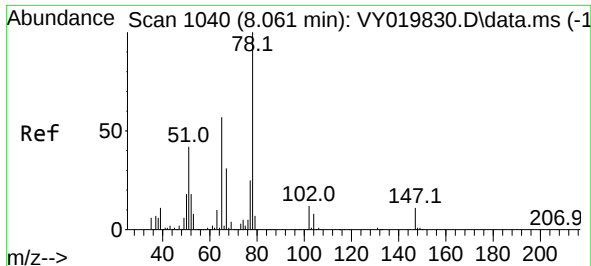
Delta R.T. 0.000 min

Lab File: VY019870.D

Acq: 11 Oct 2024 14:37

Tgt Ion: 56	Resp: 7519
Ion Ratio	Lower Upper
56	100
69	142.7 28.7 43.1#
84	125.5 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 55.971 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019870.D

Acq: 11 Oct 2024 14:37

Instrument :

MSVOA_Y

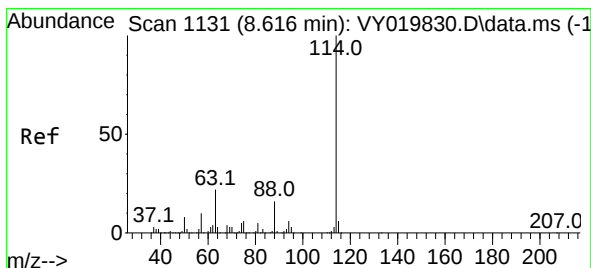
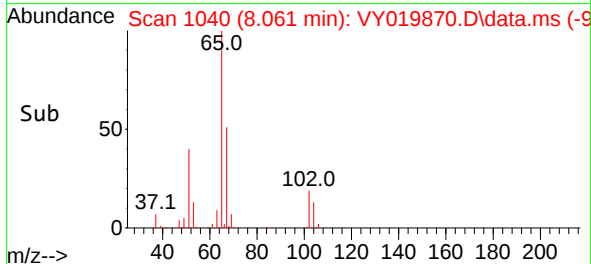
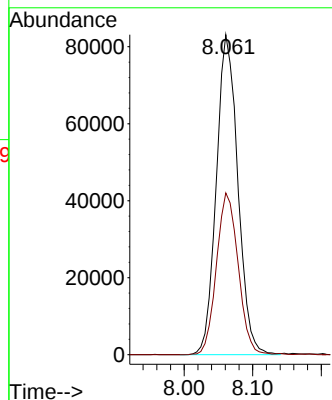
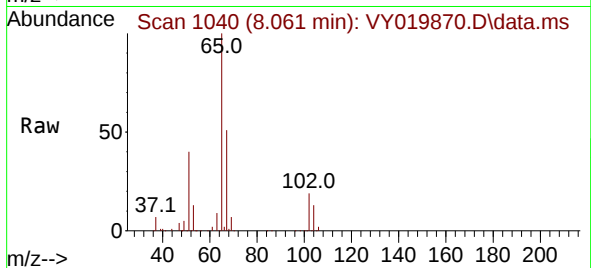
ClientSampleId :

Tgt Ion: 65 Resp: 181065

Ion Ratio Lower Upper

65 100

67 51.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019870.D

Acq: 11 Oct 2024 14:37

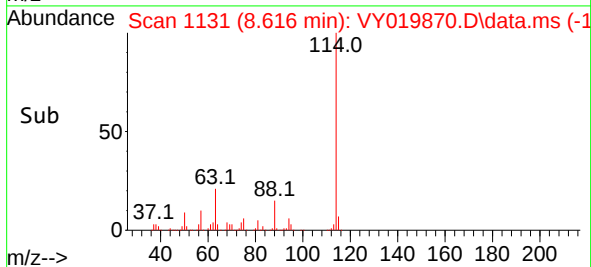
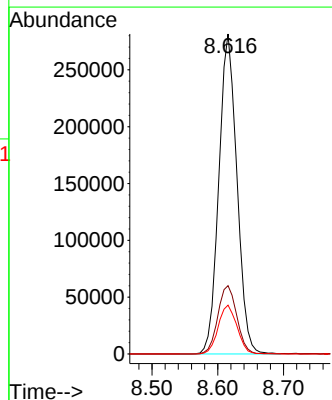
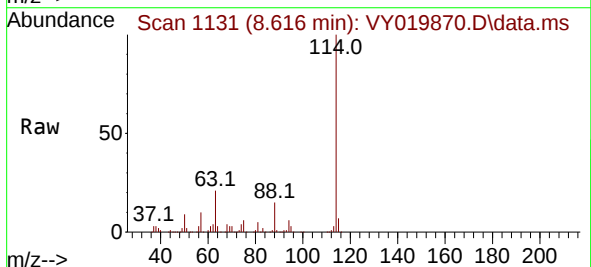
Tgt Ion: 114 Resp: 539484

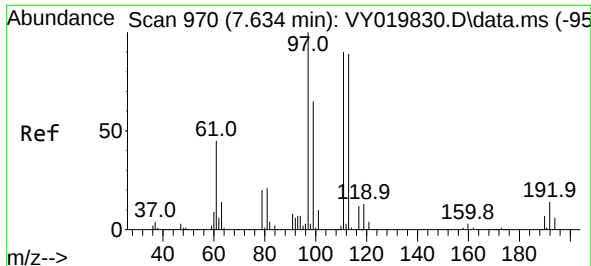
Ion Ratio Lower Upper

114 100

63 21.4 0.0 35.0

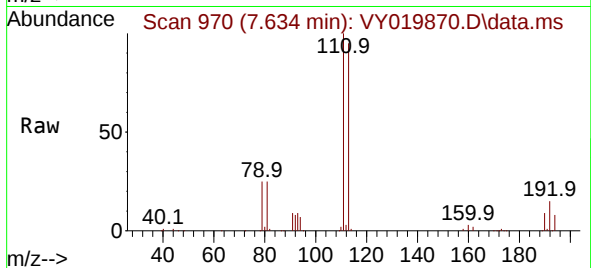
88 15.3 0.0 27.2



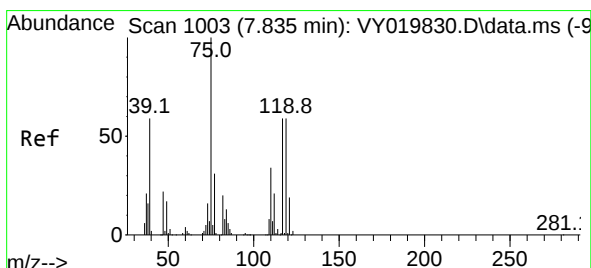
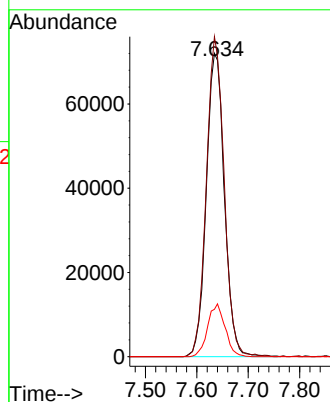
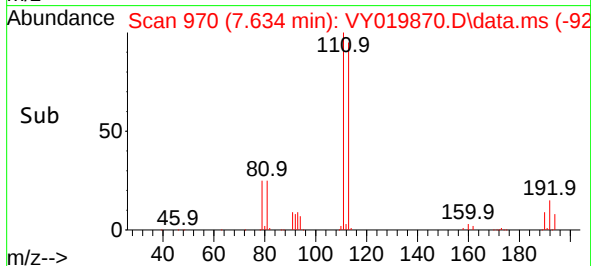


#35
Dibromofluoromethane
Concen: 49.424 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

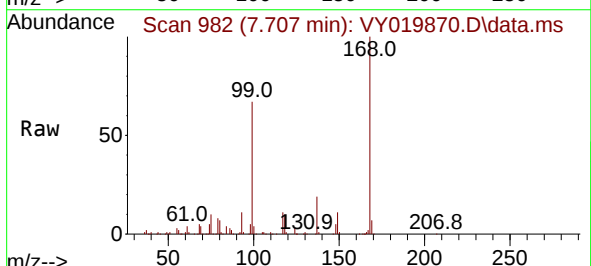
Instrument :
MSVOA_Y
ClientSampleId :



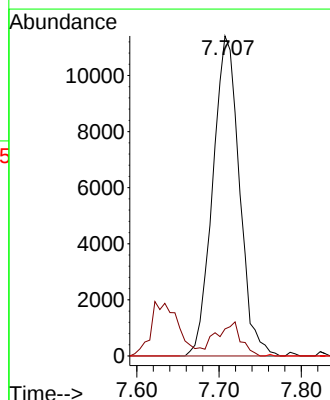
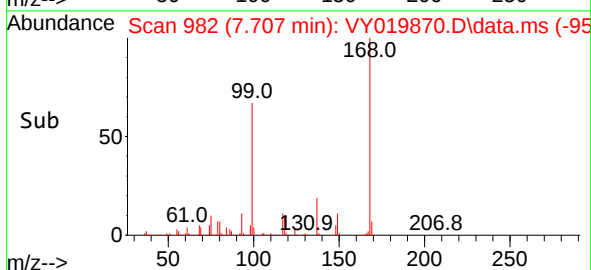
Tgt Ion:113 Resp: 175949
Ion Ratio Lower Upper
113 100
111 103.7 82.2 123.4
192 16.8 15.9 23.9

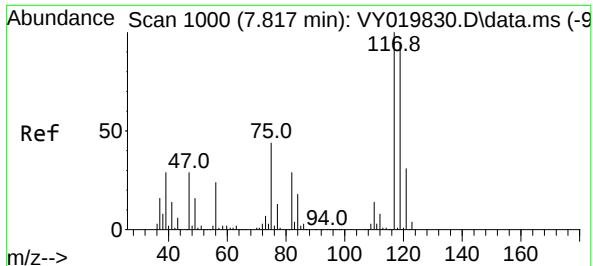


#36
1,1-Dichloropropene
Concen: 5.010 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37



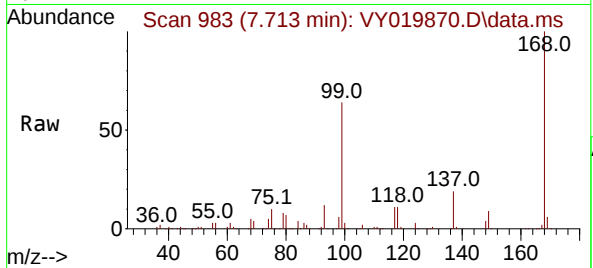
Tgt Ion: 75 Resp: 25697
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.0 25.3 37.9#



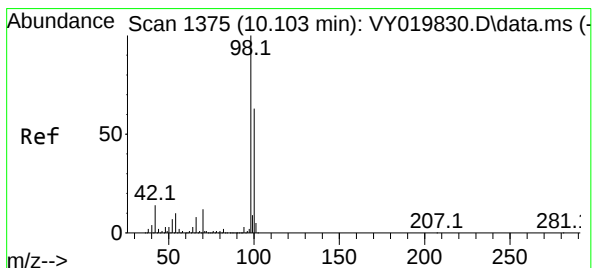
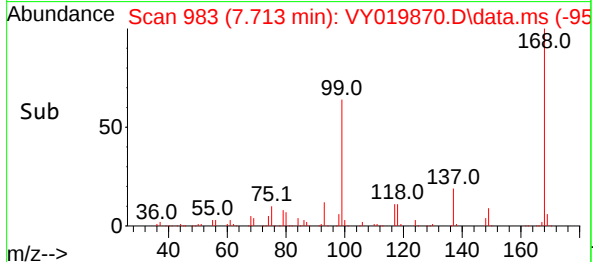
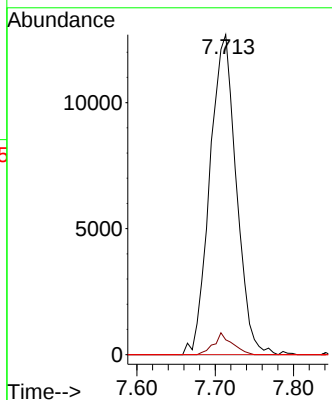


#38
Carbon Tetrachloride
Concen: 5.421 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

Instrument :
MSVOA_Y
ClientSampleId :

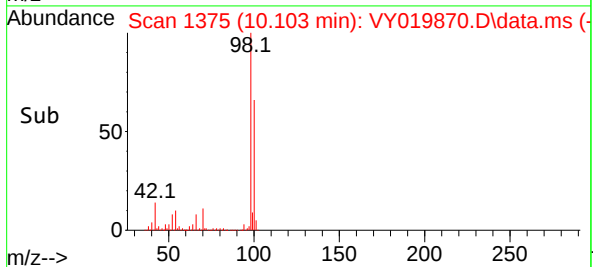
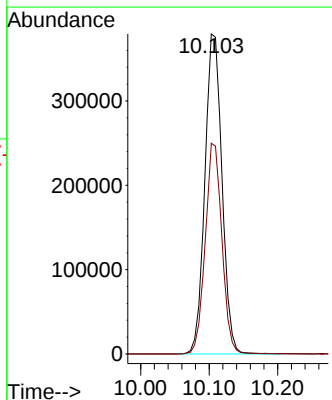
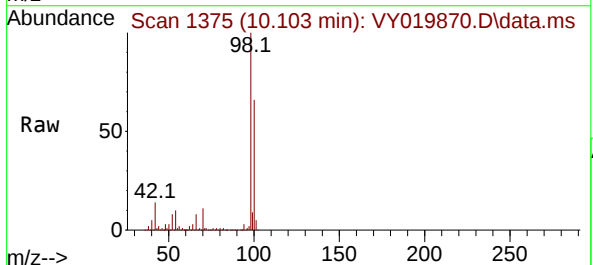


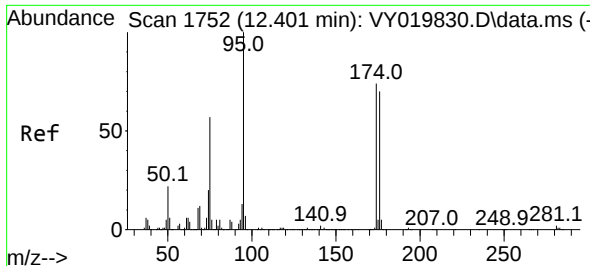
Tgt Ion:117 Resp: 29807
Ion Ratio Lower Upper
117 100
119 4.7 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 50.295 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

Tgt Ion: 98 Resp: 661208
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0

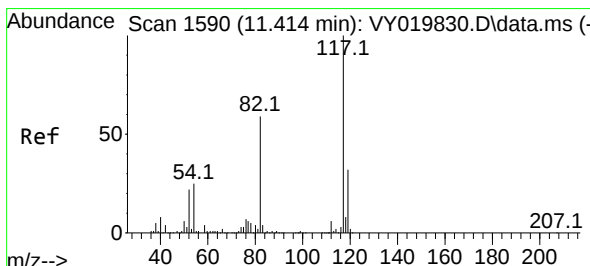
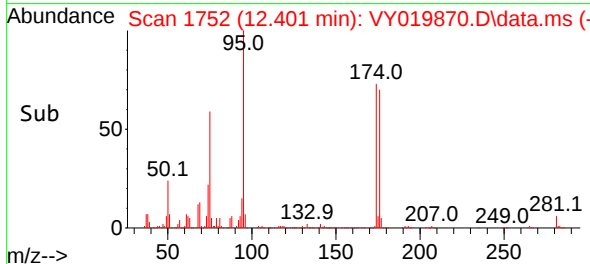
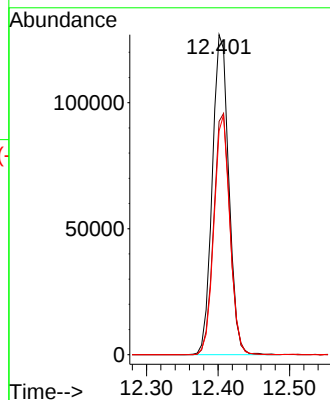
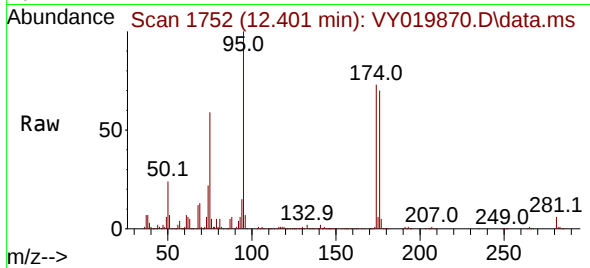




#62
4-Bromofluorobenzene
Concen: 42.885 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

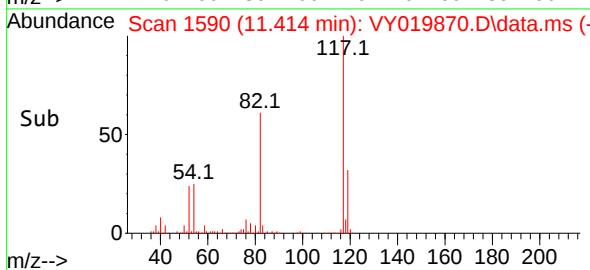
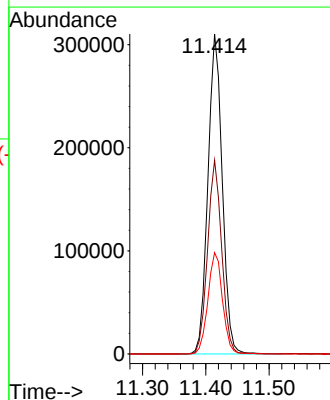
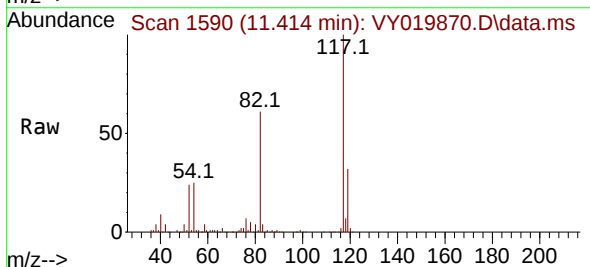
Instrument :
MSVOA_Y
ClientSampleId :

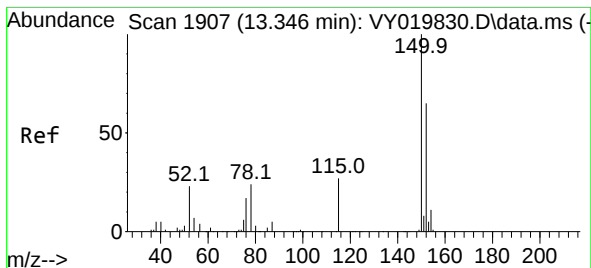
Tgt Ion: 95 Resp: 203716
Ion Ratio Lower Upper
95 100
174 74.2 0.0 175.6
176 72.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

Tgt Ion: 117 Resp: 489774
Ion Ratio Lower Upper
117 100
82 60.5 42.4 63.6
119 31.7 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019870.D

Acq: 11 Oct 2024 14:37

Instrument :

MSVOA_Y

ClientSampleId :

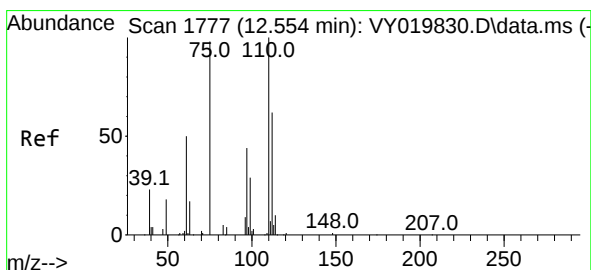
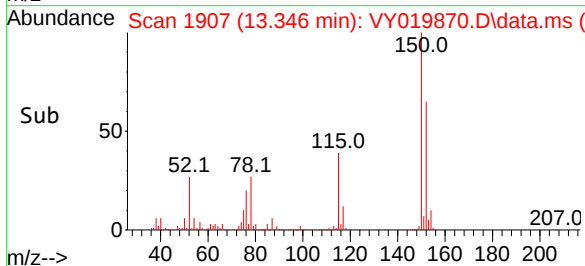
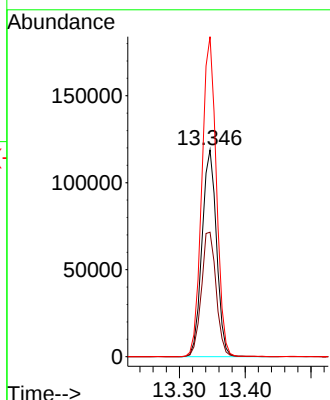
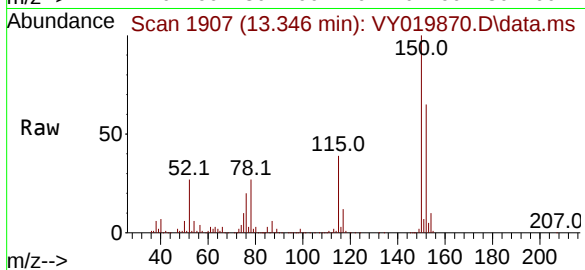
Tgt Ion:152 Resp: 182418

Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 154.5 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 33.010 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019870.D

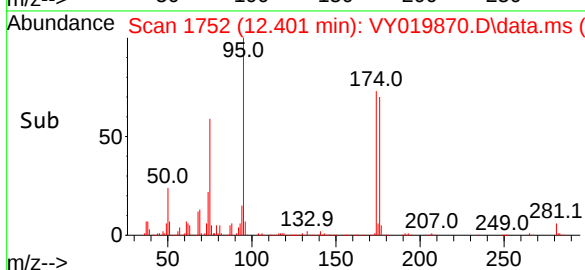
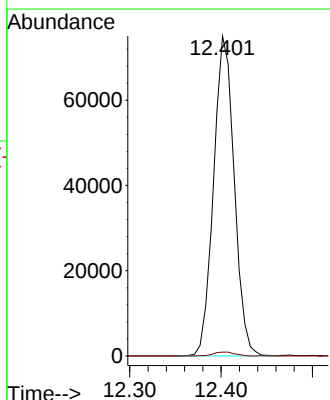
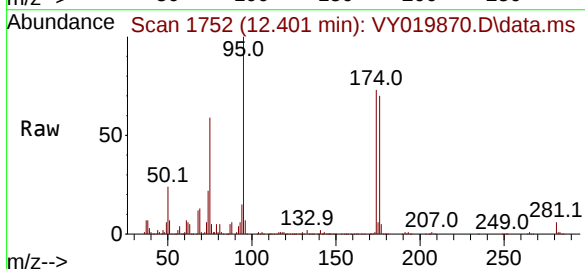
Acq: 11 Oct 2024 14:37

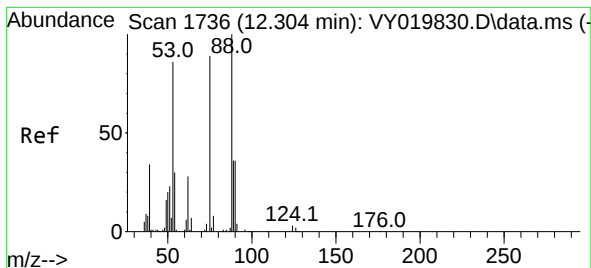
Tgt Ion: 75 Resp: 117964

Ion Ratio Lower Upper

75 100

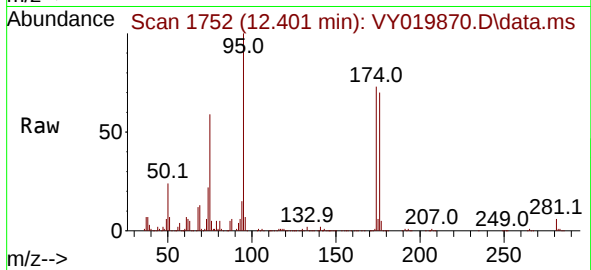
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 133.242 ug/l
RT: 12.401 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019870.D
Acq: 11 Oct 2024 14:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 117964
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.3 35.8 53.6#

