

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101124\
 Data File : VY019871.D
 Acq On : 11 Oct 2024 15:01
 Operator : SY/MD
 Sample : P4385-03
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:47:56 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)

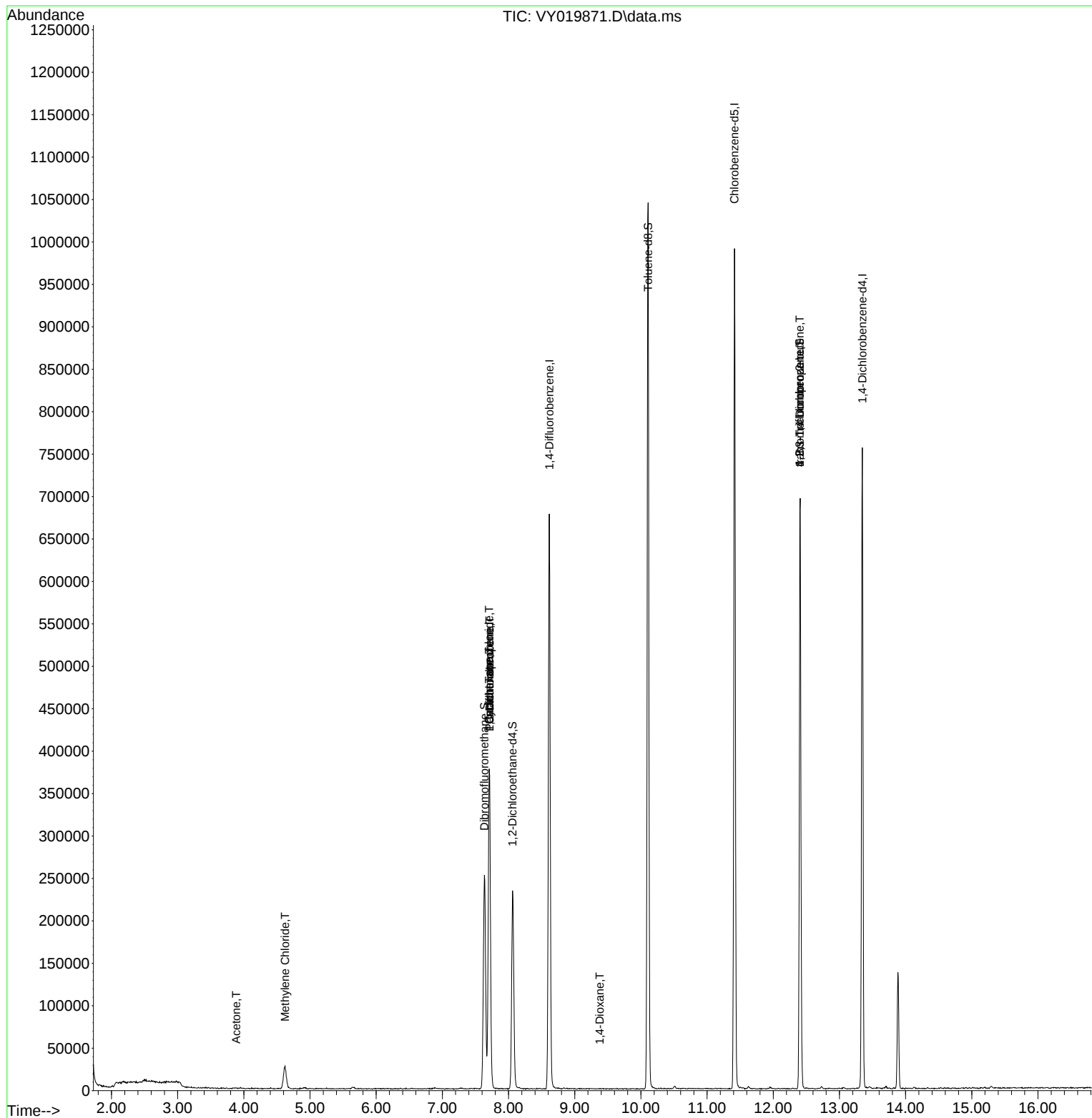
Internal Standards						
1) Pentafluorobenzene	7.713	168	268677	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	543592	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	485475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	173582	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	184216	55.685	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	111.360%		
35) Dibromofluoromethane	7.634	113	176725	49.267	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.540%		
50) Toluene-d8	10.109	98	658865	49.738	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	99.480%		
62) 4-Bromofluorobenzene	12.402	95	200806	41.953	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	83.900%		
Target Compounds						
						Qvalue
16) Acetone	3.885	43	972	1.129	ug/l	# 36
20) Methylene Chloride	4.622	84	18611	5.125	ug/l	# 80
31) Cyclohexane	7.707	56	7680	1.389	ug/l	# 21
36) 1,1-Dichloropropene	7.713	75	24767	4.792	ug/l	# 49
38) Carbon Tetrachloride	7.707	117	30897	5.577	ug/l	# 16
49) 1,4-Dioxane	9.378	88	63	2.632	ug/l	# 20
76) 1,2,3-Trichloropropane	12.402	75	115934	34.094	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.402	75	115934	137.615	ug/l	# 16

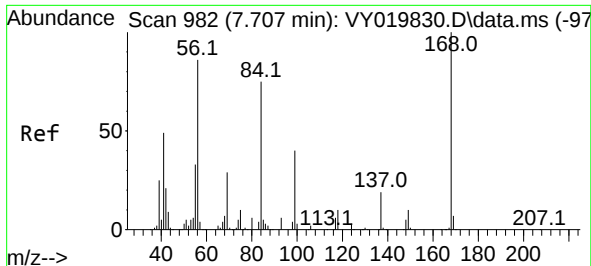
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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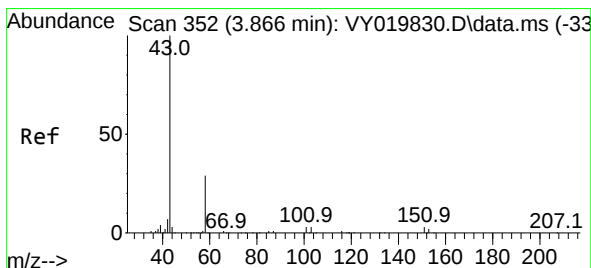
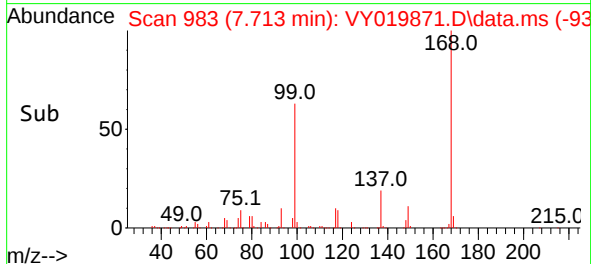
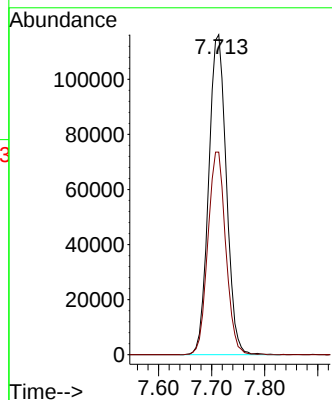
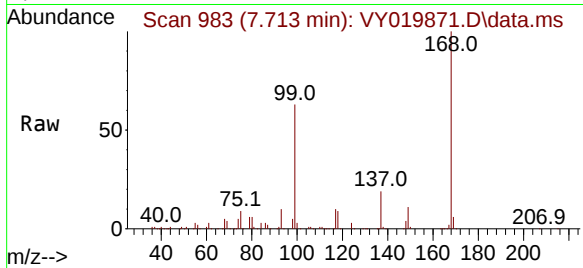




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019871.D
Acq: 11 Oct 2024 15:01

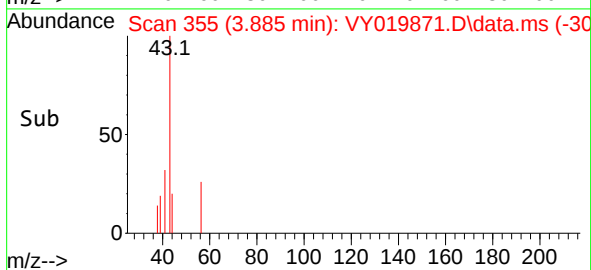
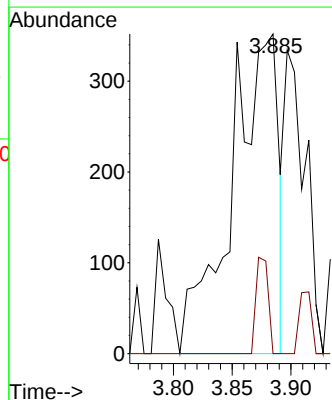
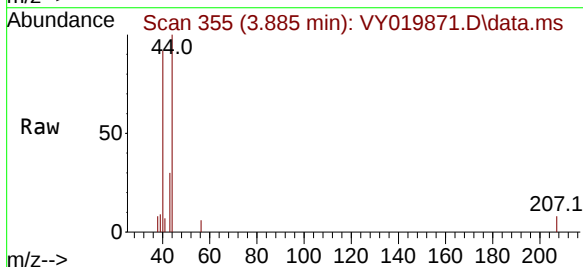
Instrument :
MSVOA_Y
ClientSampleId :

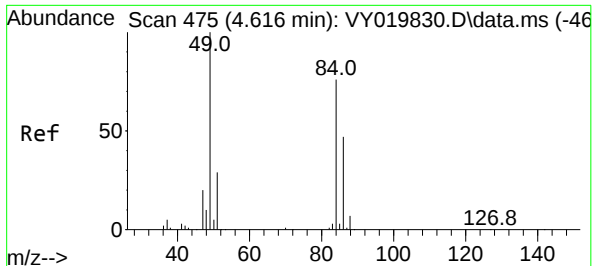
Tgt Ion:168 Resp: 268677
Ion Ratio Lower Upper
168 100
99 63.3 39.1 58.7#



#16
Acetone
Concen: 1.129 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.013 min
Lab File: VY019871.D
Acq: 11 Oct 2024 15:01

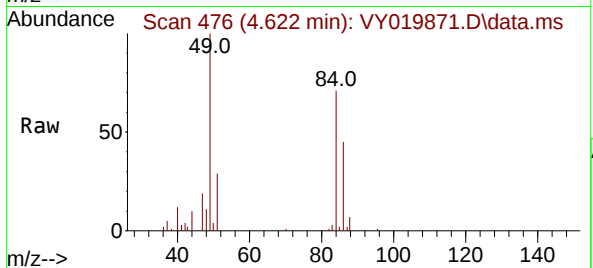
Tgt Ion: 43 Resp: 972
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



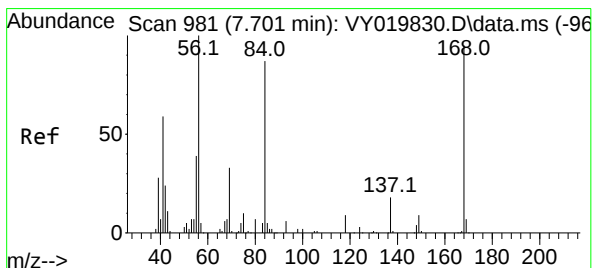
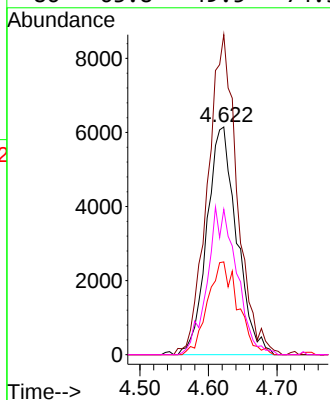
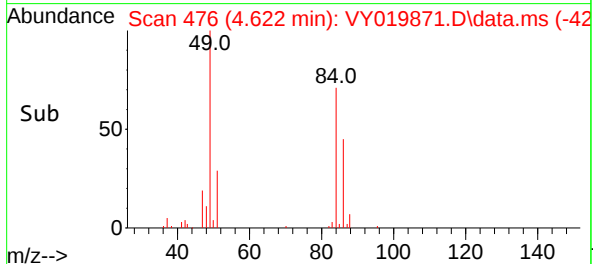


#20
Methylene Chloride
Concen: 5.125 ug/l
RT: 4.622 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY019871.D
Acq: 11 Oct 2024 15:01

Instrument :
MSVOA_Y
ClientSampleId :

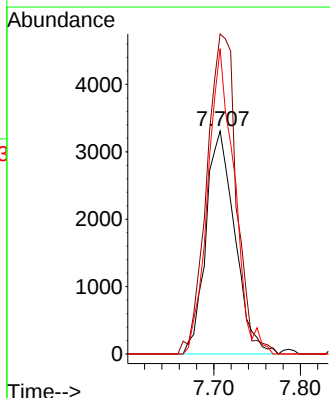
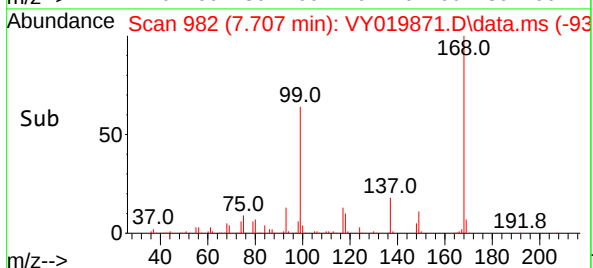
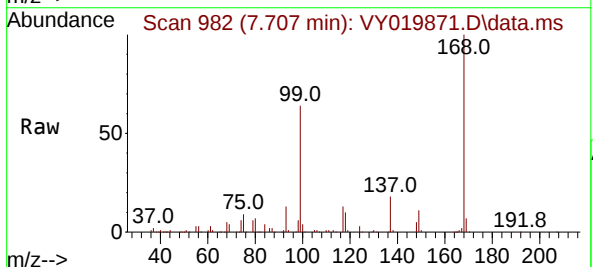


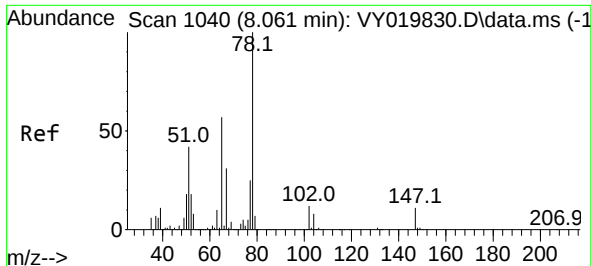
Tgt Ion:	84	Resp:	18611
Ion	Ratio	Lower	Upper
84	100		
49	139.1	84.4	126.6#
51	40.8	26.0	39.0#
86	63.8	49.5	74.3



#31
Cyclohexane
Concen: 1.389 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019871.D
Acq: 11 Oct 2024 15:01

Tgt Ion:	56	Resp:	7680
Ion	Ratio	Lower	Upper
56	100		
69	143.6	28.7	43.1#
84	137.0	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 55.685 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019871.D

Acq: 11 Oct 2024 15:01

Instrument :

MSVOA_Y

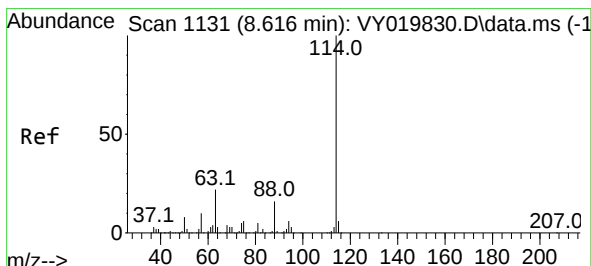
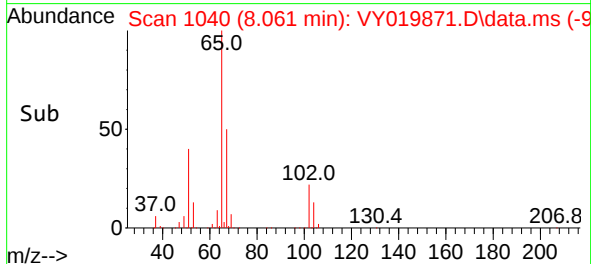
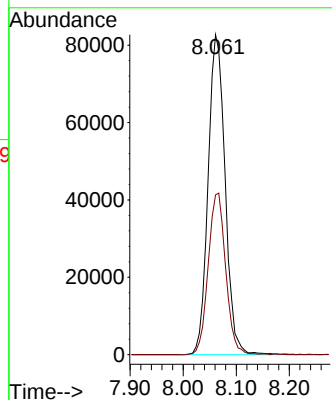
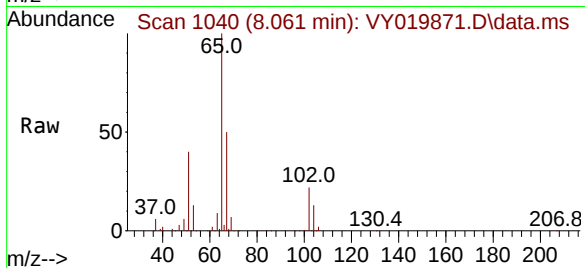
ClientSampleId :

Tgt Ion: 65 Resp: 184216

Ion Ratio Lower Upper

65 100

67 51.9 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: VY019871.D

Acq: 11 Oct 2024 15:01

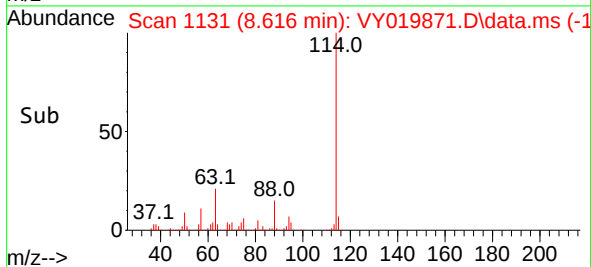
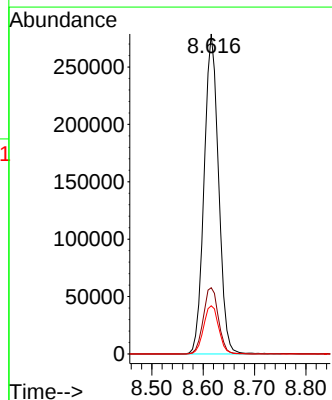
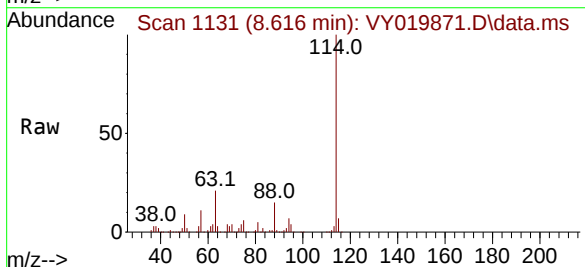
Tgt Ion: 114 Resp: 543592

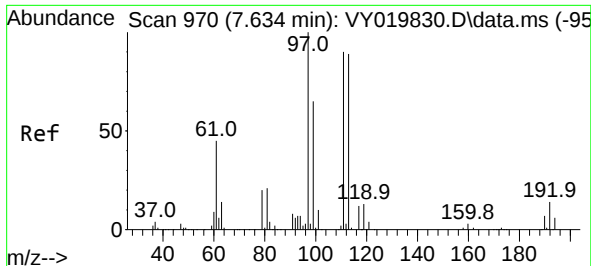
Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

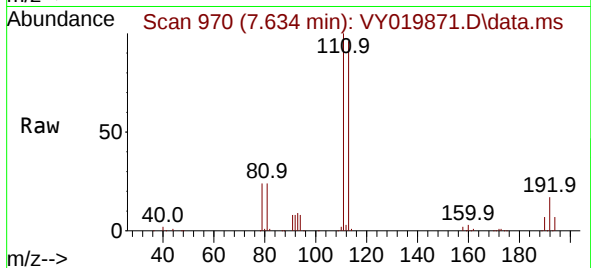
88 15.0 0.0 27.2



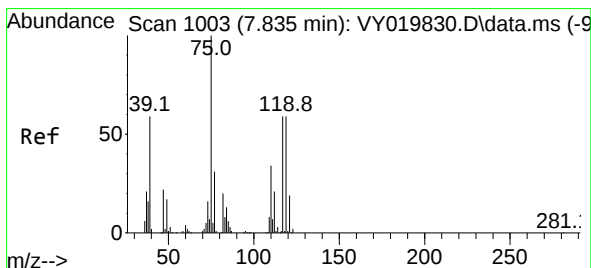
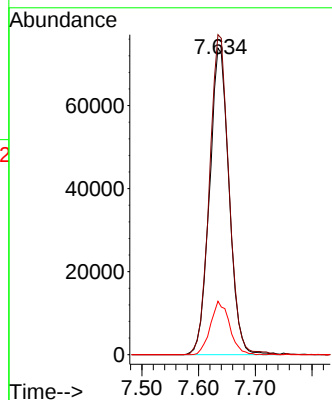
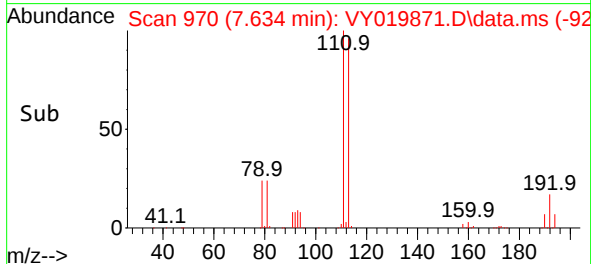


#35
Dibromofluoromethane
Concen: 49.267 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019871.D
Acq: 11 Oct 2024 15:01

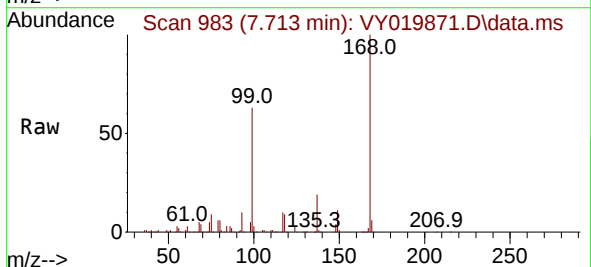
Instrument :
MSVOA_Y
ClientSampleId :



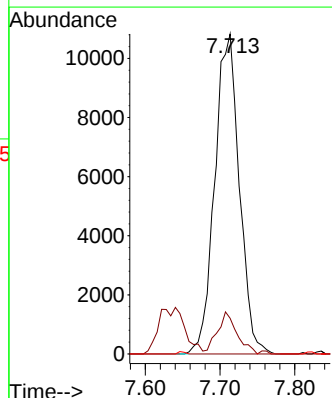
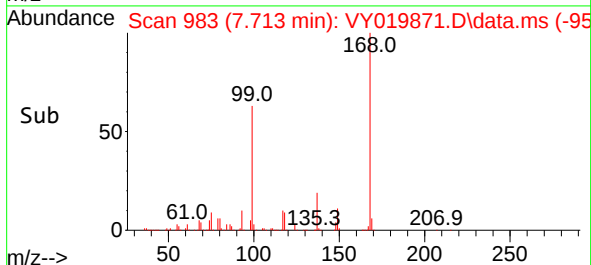
Tgt Ion:113 Resp: 176725
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 17.1 15.9 23.9

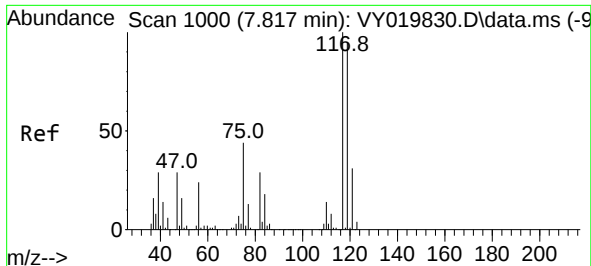


#36
1,1-Dichloropropene
Concen: 4.792 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY019871.D
Acq: 11 Oct 2024 15:01



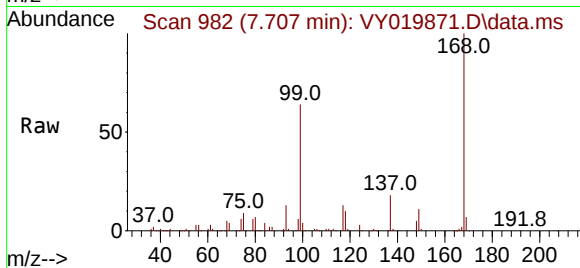
Tgt Ion: 75 Resp: 24767
Ion Ratio Lower Upper
75 100
110 10.5 19.0 57.0#
77 0.0 25.3 37.9#



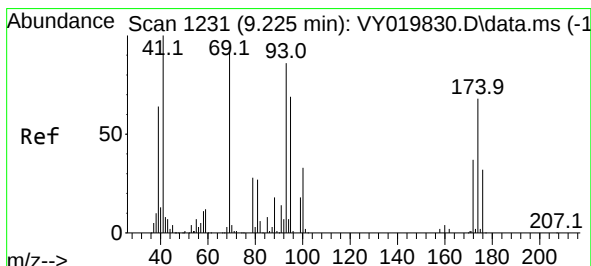
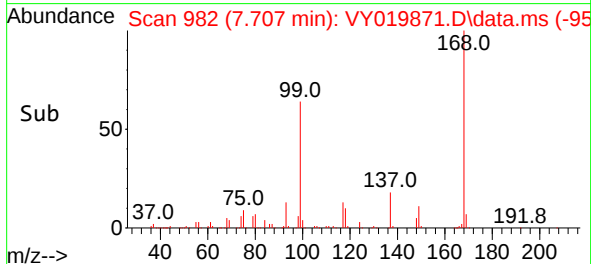
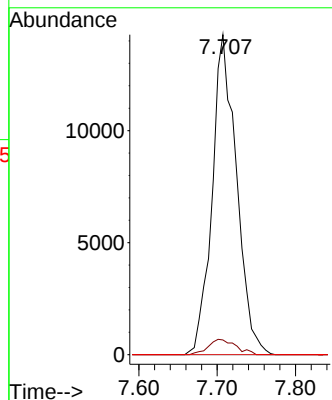


#38
Carbon Tetrachloride
Concen: 5.577 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019871.D
Acq: 11 Oct 2024 15:01

Instrument :
MSVOA_Y
ClientSampleId :

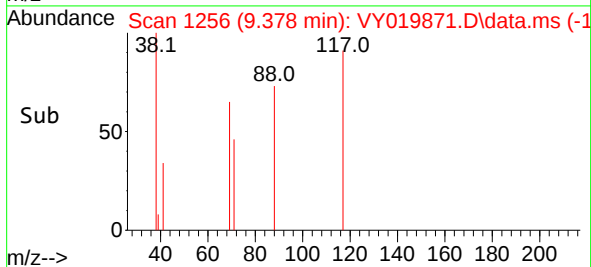
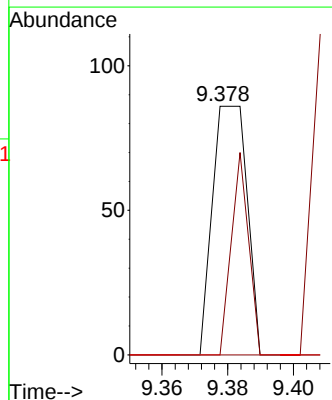
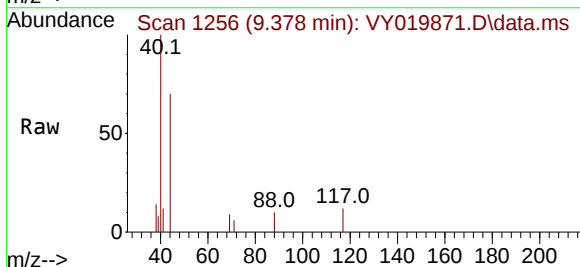


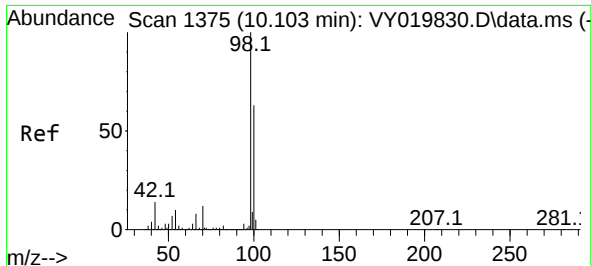
Tgt Ion:117 Resp: 30897
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.632 ug/l
RT: 9.378 min Scan# 1256
Delta R.T. 0.147 min
Lab File: VY019871.D
Acq: 11 Oct 2024 15:01

Tgt Ion: 88 Resp: 63
Ion Ratio Lower Upper
88 100
43 41.3 0.0 0.0#
58 0.0 49.3 73.9#

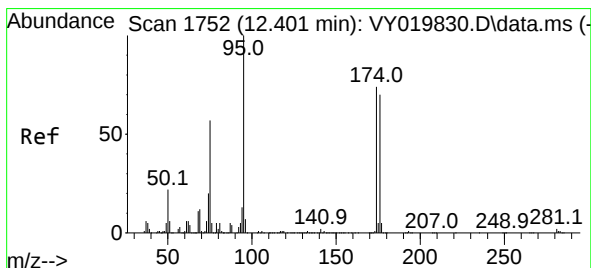
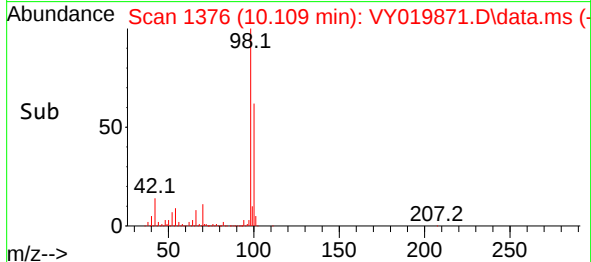
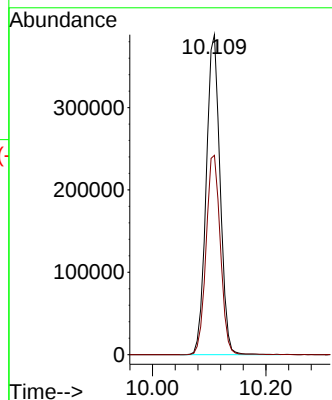
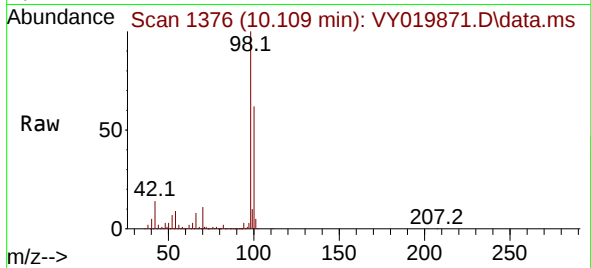




#50
Toluene-d8
Concen: 49.738 ug/l
RT: 10.109 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019871.D
Acq: 11 Oct 2024 15:01

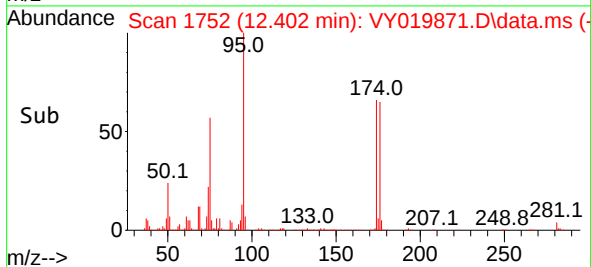
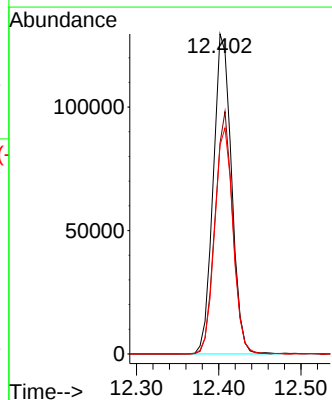
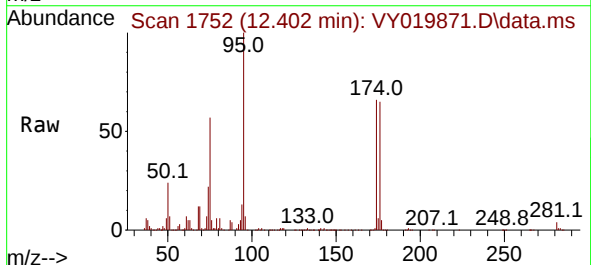
Instrument :
MSVOA_Y
ClientSampleId :

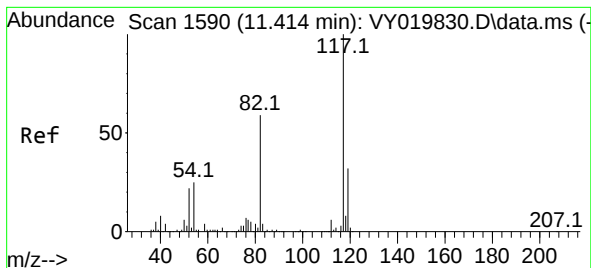
Tgt Ion: 98 Resp: 658865
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.953 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019871.D
Acq: 11 Oct 2024 15:01

Tgt Ion: 95 Resp: 200806
Ion Ratio Lower Upper
95 100
174 73.4 0.0 175.6
176 71.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

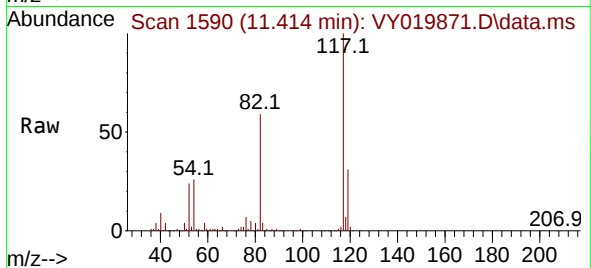
Lab File: VY019871.D

Acq: 11 Oct 2024 15:01

Instrument :

MSVOA_Y

ClientSampleId :



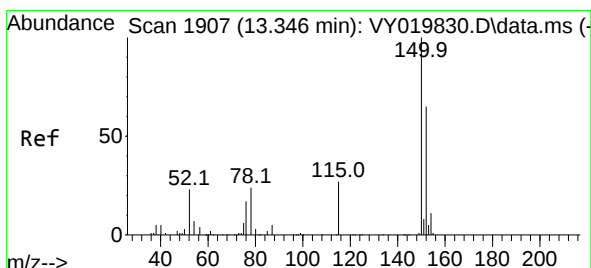
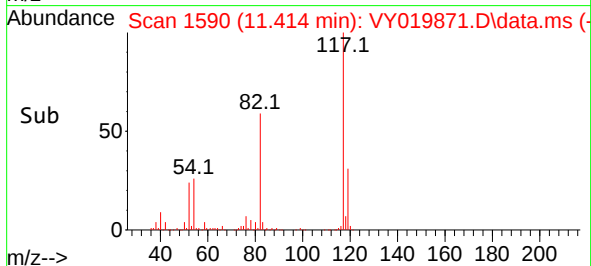
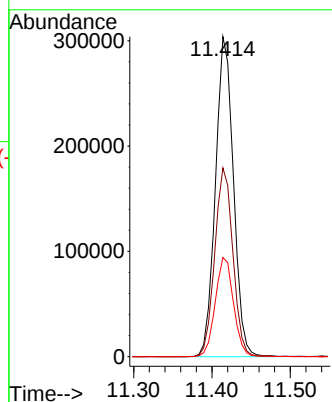
Tgt Ion:117 Resp: 485475

Ion Ratio Lower Upper

117 100

82 59.0 42.4 63.6

119 31.0 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: VY019871.D

Acq: 11 Oct 2024 15:01

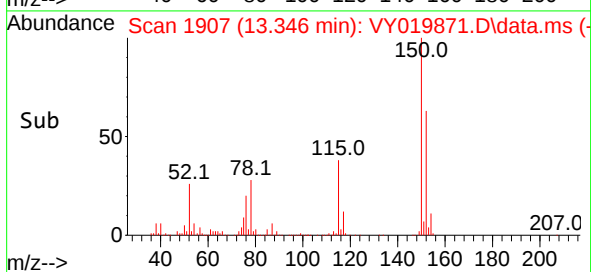
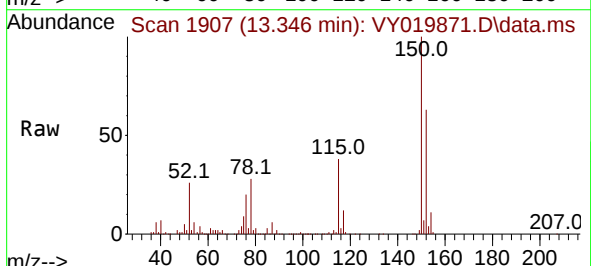
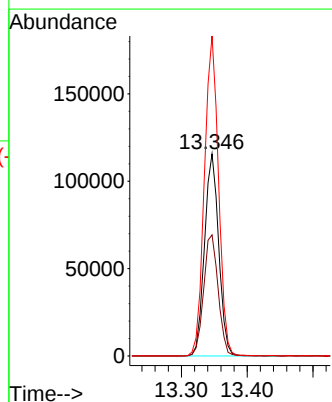
Tgt Ion:152 Resp: 173582

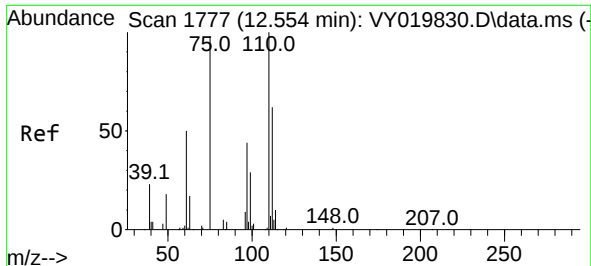
Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 157.5 0.0 345.6

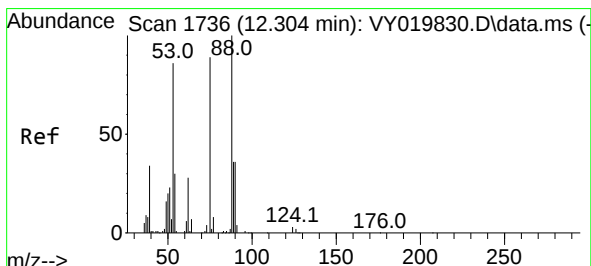
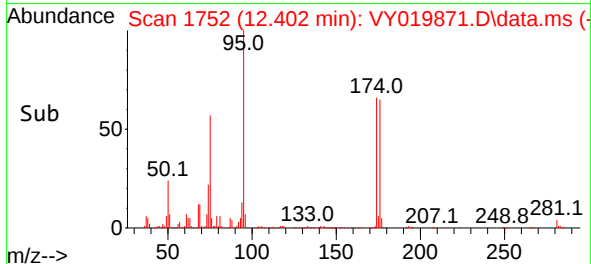
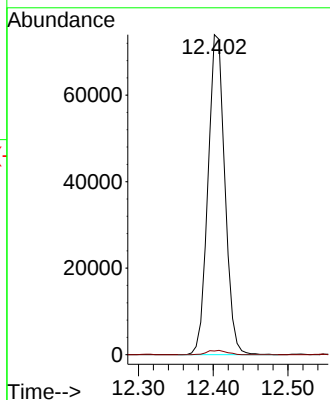
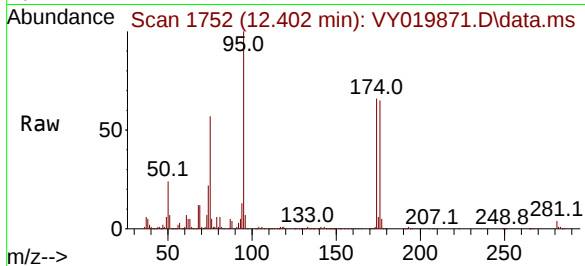




#76
1,2,3-Trichloropropane
Concen: 34.094 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019871.D
Acq: 11 Oct 2024 15:01

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 115934
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.615 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019871.D
Acq: 11 Oct 2024 15:01

Tgt Ion: 75 Resp: 115934
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

