

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102424\
 Data File : VY020010.D
 Acq On : 24 Oct 2024 15:32
 Operator : SY/MD
 Sample : P4531-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 01:41:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

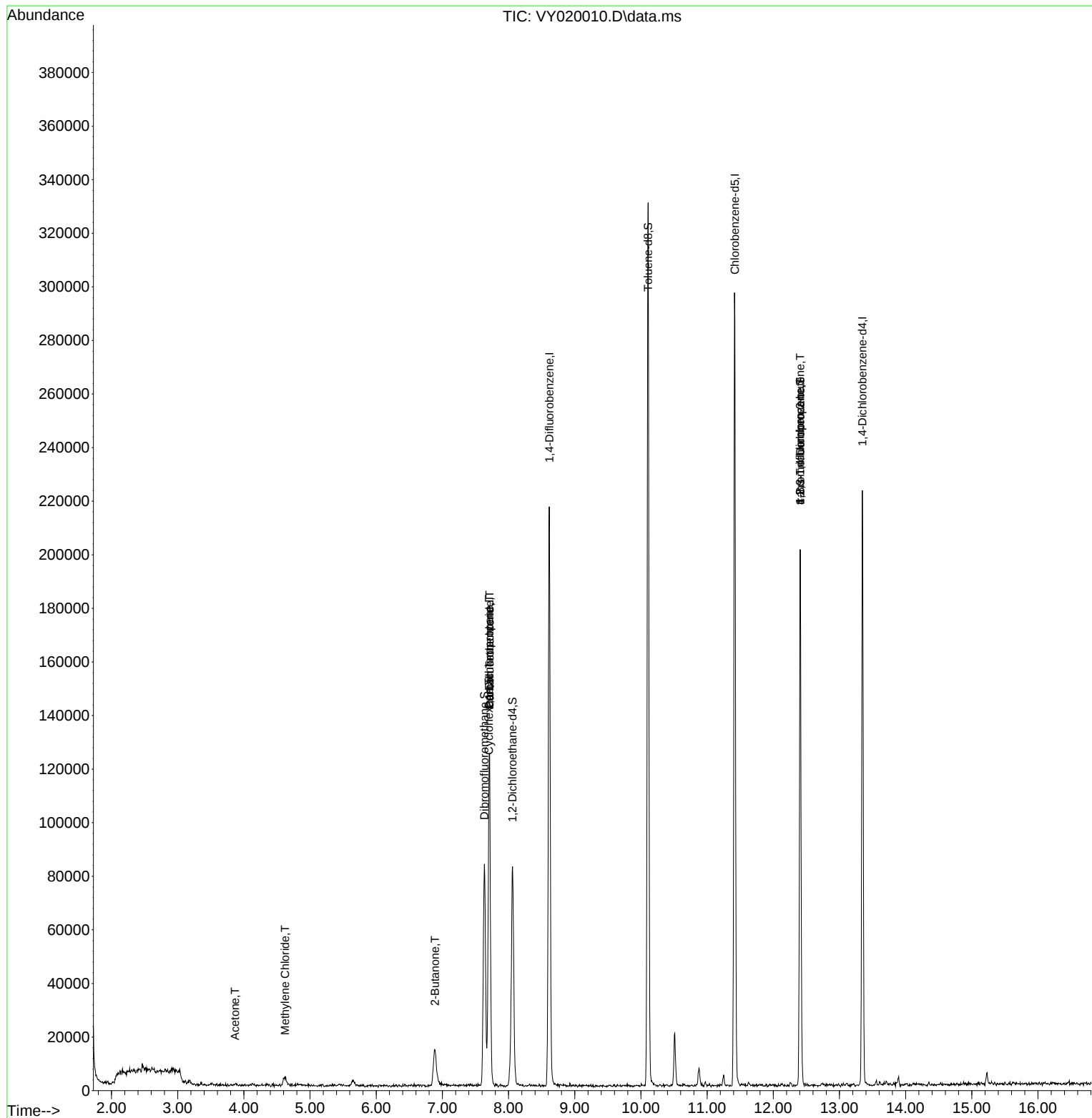
Internal Standards						
1) Pentafluorobenzene	7.713	168	86873	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	170970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	146903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	47772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	59670	55.784	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.560%	
35) Dibromofluoromethane	7.634	113	58544	51.891	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.780%	
50) Toluene-d8	10.109	98	206668	49.604	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.200%	
62) 4-Bromofluorobenzene	12.407	95	58107	38.598	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 77.200%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	658	Below Cal	#	82
16) Acetone	3.866	43	1163	4.177	ug/l	93
20) Methylene Chloride	4.622	84	2173	1.327	ug/l	95
25) 2-Butanone	6.890	43	975	2.616	ug/l	# 41
31) Cyclohexane	7.701	56	2999	1.678	ug/l	# 51
36) 1,1-Dichloropropene	7.707	75	9286	5.713	ug/l	# 48
38) Carbon Tetrachloride	7.713	117	9560	5.486	ug/l	# 20
76) 1,2,3-Trichloropropane	12.407	75	34477	36.840	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.407	75	34477	148.702	ug/l	# 16

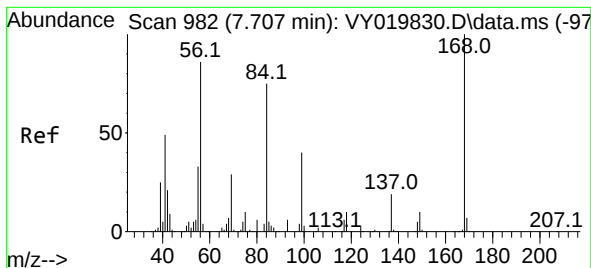
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 16 05:44:48 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY020010.D

Acq: 24 Oct 2024 15:32

Instrument :

MSVOA_Y

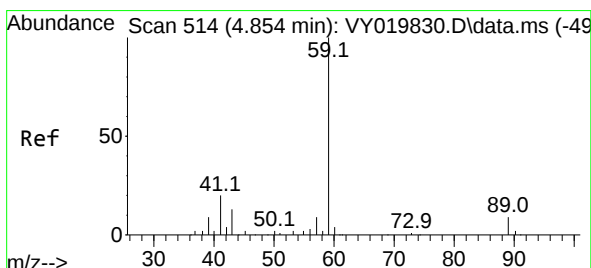
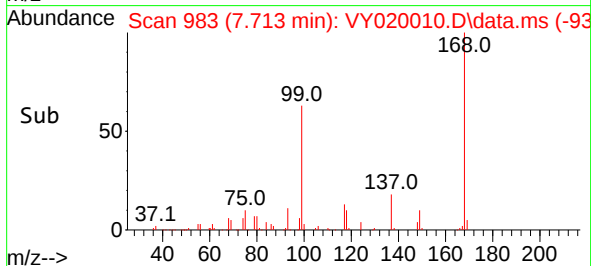
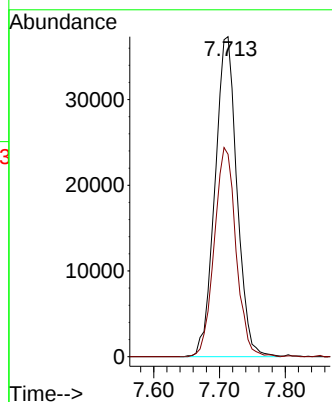
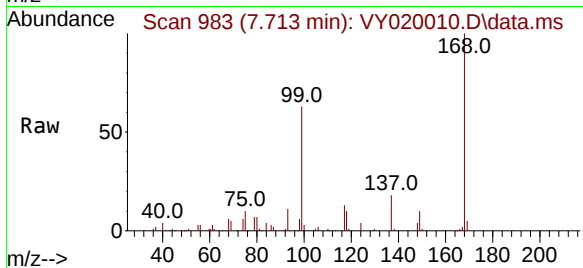
ClientSampleId :

Tgt Ion:168 Resp: 86873

Ion Ratio Lower Upper

168 100

99 63.3 39.1 58.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.860 min Scan# 515

Delta R.T. -0.000 min

Lab File: VY020010.D

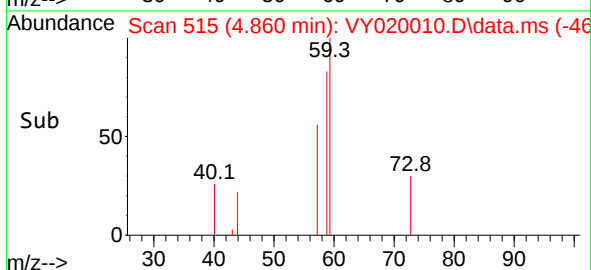
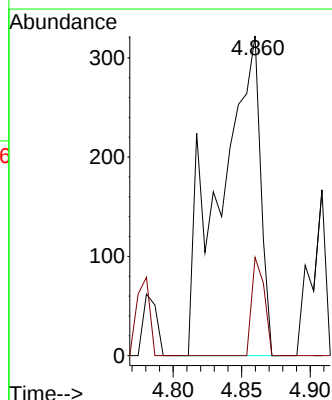
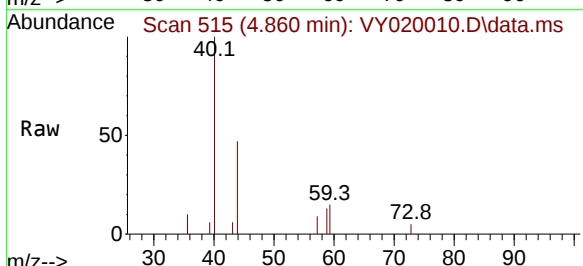
Acq: 24 Oct 2024 15:32

Tgt Ion: 59 Resp: 658

Ion Ratio Lower Upper

59 100

57 9.6 3.0 4.6#

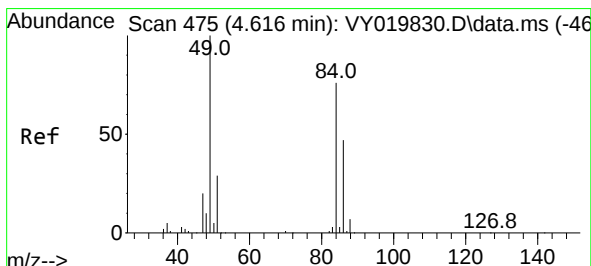
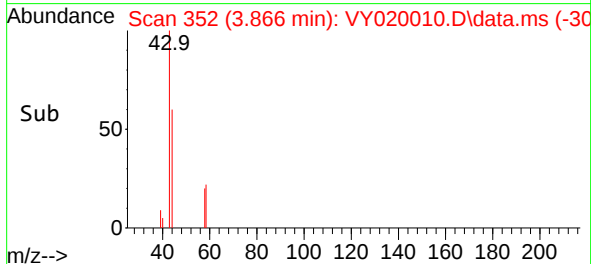
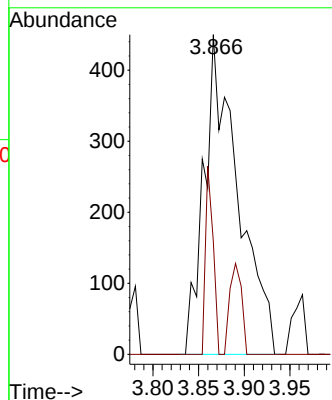
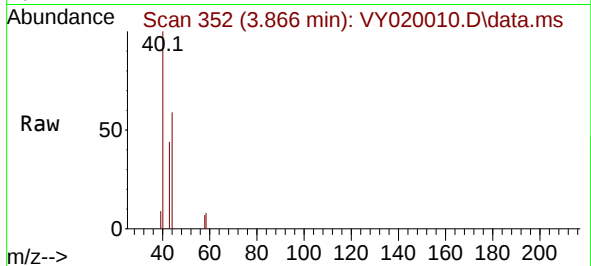




#16
Acetone
Concen: 4.177 ug/l
RT: 3.866 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY020010.D
Acq: 24 Oct 2024 15:32

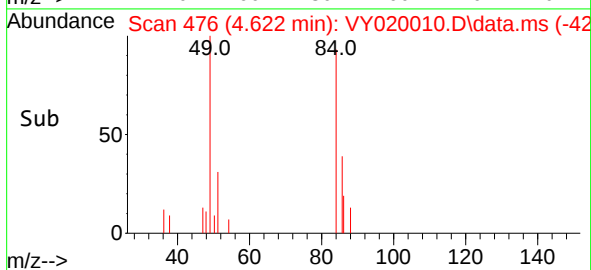
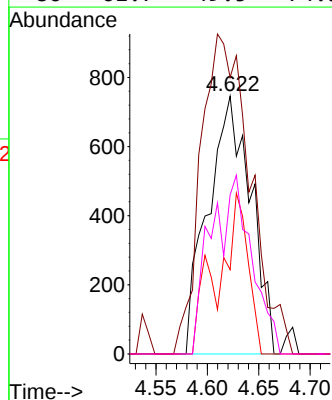
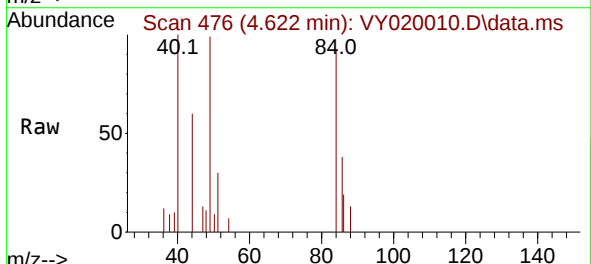
Instrument :
MSVOA_Y
ClientSampleId :

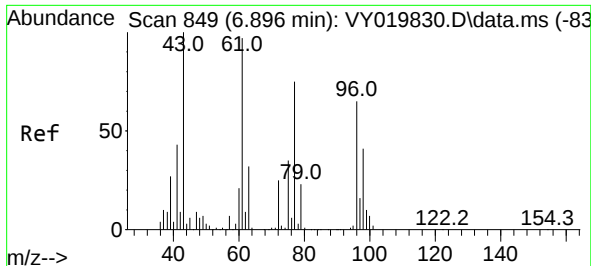
Tgt Ion: 43 Resp: 1163
Ion Ratio Lower Upper
43 100
58 35.3 31.7 47.5



#20
Methylene Chloride
Concen: 1.327 ug/l
RT: 4.622 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY020010.D
Acq: 24 Oct 2024 15:32

Tgt Ion: 84 Resp: 2173
Ion Ratio Lower Upper
84 100
49 96.6 84.4 126.6
51 32.7 26.0 39.0
86 61.7 49.5 74.3





#25

2-Butanone

Concen: 2.616 ug/l

RT: 6.890 min Scan# 849

Delta R.T. -0.000 min

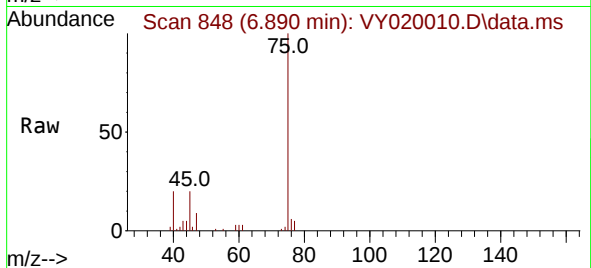
Lab File: VY020010.D

Acq: 24 Oct 2024 15:32

Instrument :

MSVOA_Y

ClientSampleId :

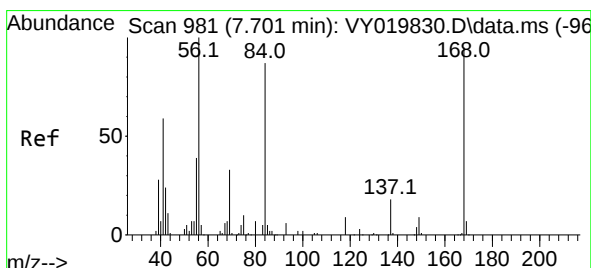
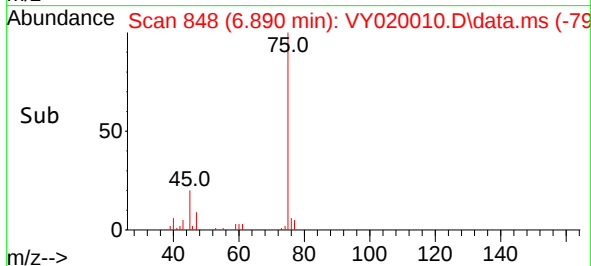
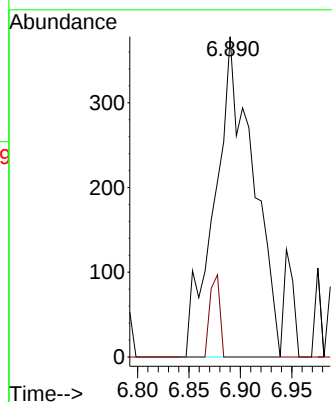


Tgt Ion: 43 Resp: 975

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.678 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.000 min

Lab File: VY020010.D

Acq: 24 Oct 2024 15:32

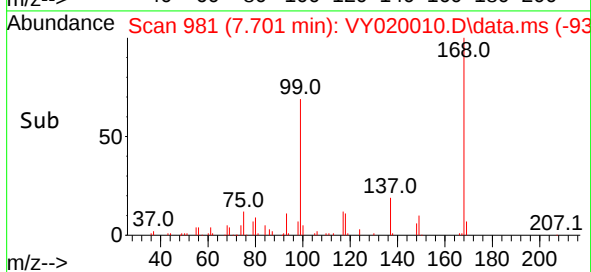
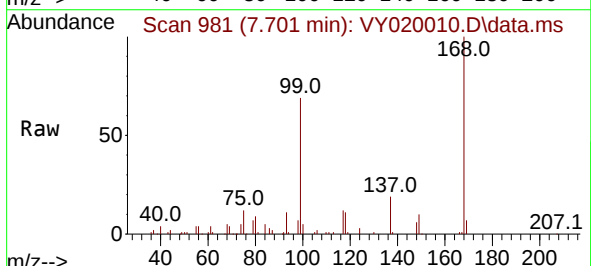
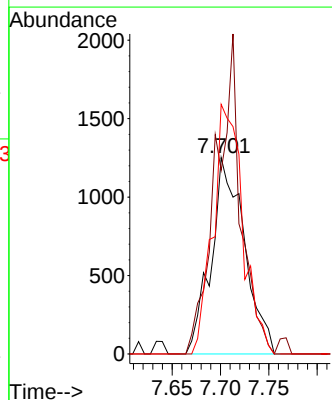
Tgt Ion: 56 Resp: 2999

Ion Ratio Lower Upper

56 100

69 93.5 28.7 43.1#

84 127.1 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 55.784 ug/l

RT: 8.060 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY020010.D

Acq: 24 Oct 2024 15:32

Instrument :

MSVOA_Y

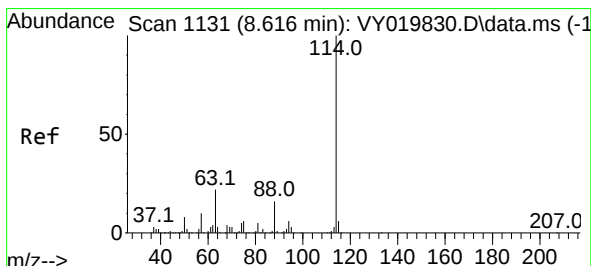
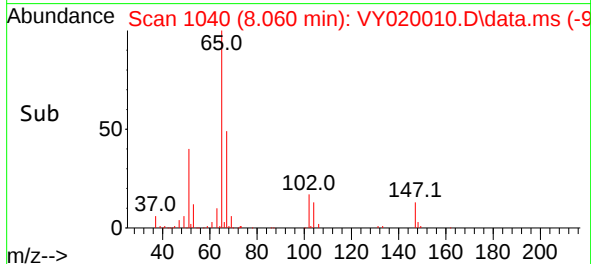
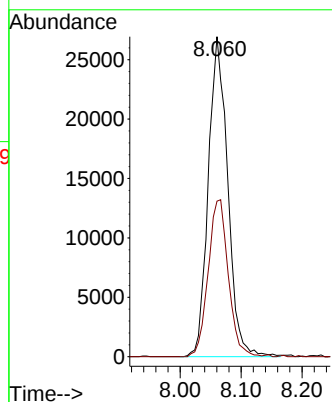
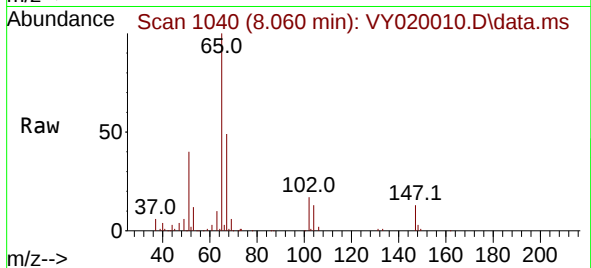
ClientSampleId :

Tgt Ion: 65 Resp: 59670

Ion Ratio Lower Upper

65 100

67 50.8 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY020010.D

Acq: 24 Oct 2024 15:32

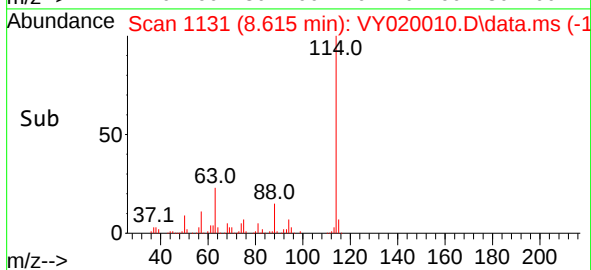
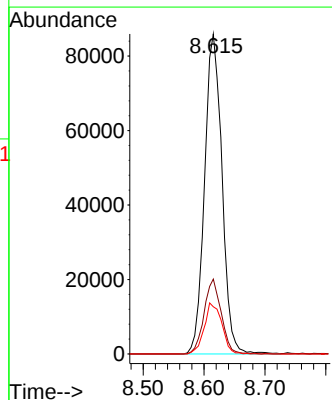
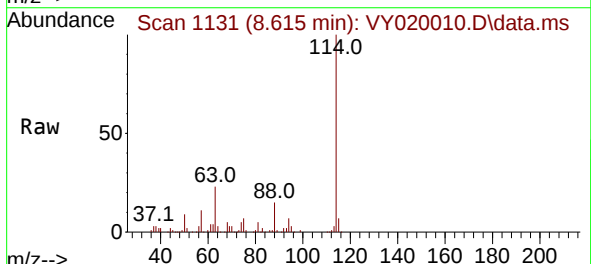
Tgt Ion: 114 Resp: 170970

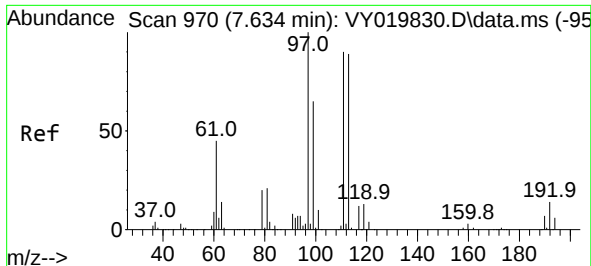
Ion Ratio Lower Upper

114 100

63 23.4 0.0 35.0

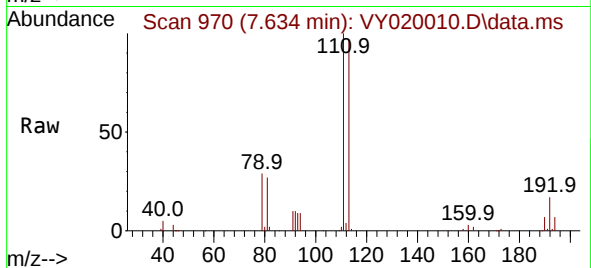
88 14.7 0.0 27.2



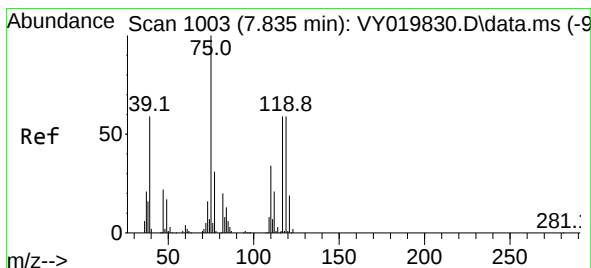
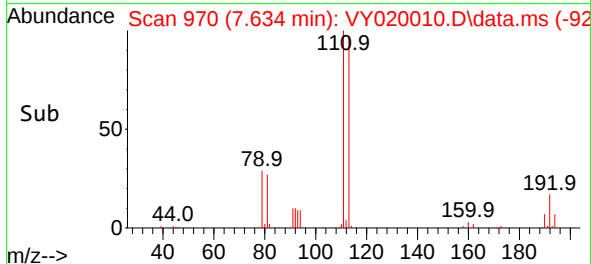
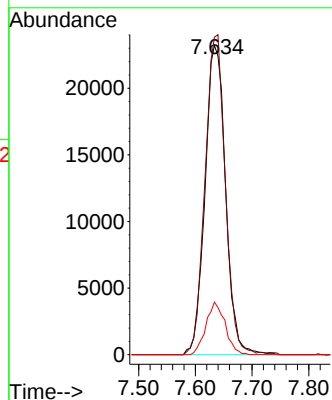


#35
Dibromofluoromethane
Concen: 51.891 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020010.D
Acq: 24 Oct 2024 15:32

Instrument :
MSVOA_Y
ClientSampleId :

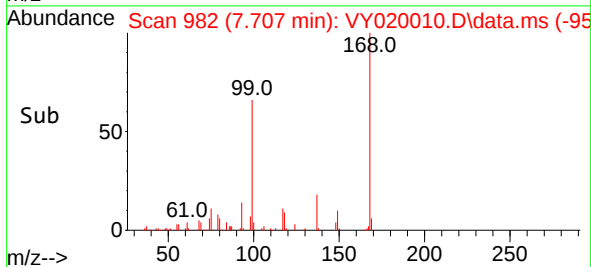
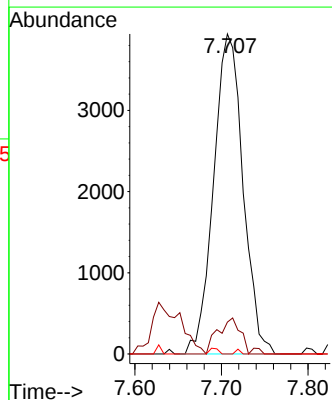
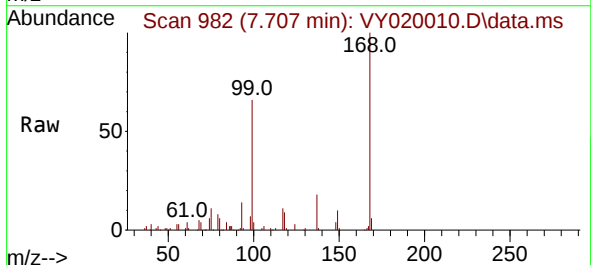


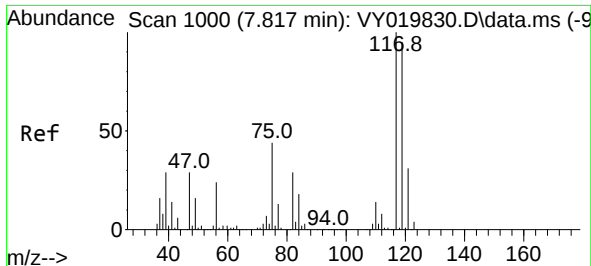
Tgt Ion:113 Resp: 58544
Ion Ratio Lower Upper
113 100
111 101.6 82.2 123.4
192 15.9 15.9 23.9#



#36
1,1-Dichloropropene
Concen: 5.713 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020010.D
Acq: 24 Oct 2024 15:32

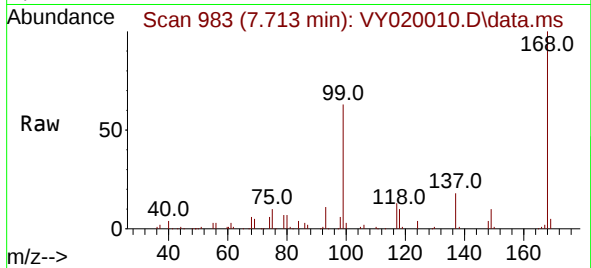
Tgt Ion: 75 Resp: 9286
Ion Ratio Lower Upper
75 100
110 9.1 19.0 57.0#
77 0.2 25.3 37.9#



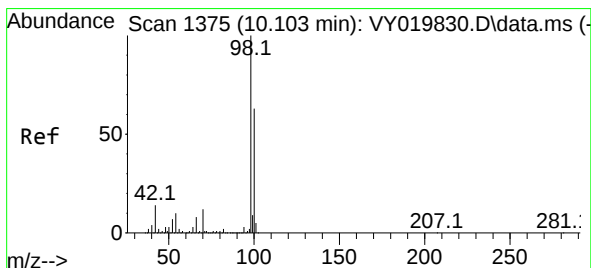
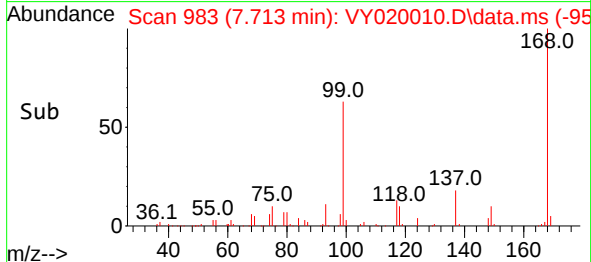
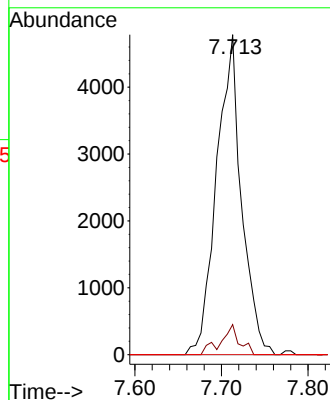


#38
Carbon Tetrachloride
Concen: 5.486 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY020010.D
Acq: 24 Oct 2024 15:32

Instrument :
MSVOA_Y
ClientSampleId :

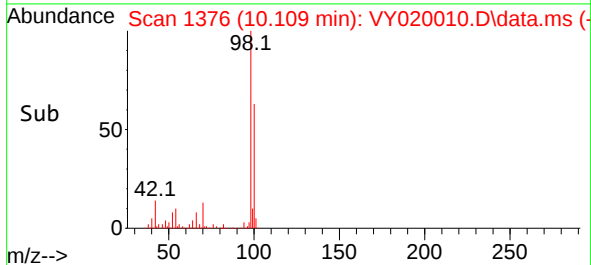
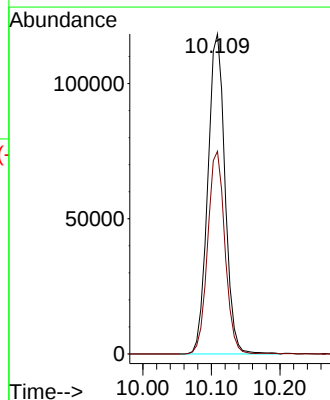
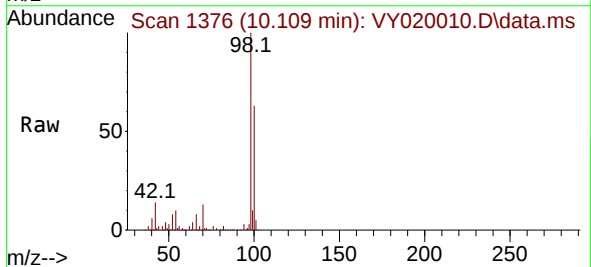


Tgt Ion:117 Resp: 9560
Ion Ratio Lower Upper
117 100
119 9.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.604 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020010.D
Acq: 24 Oct 2024 15:32

Tgt Ion: 98 Resp: 206668
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

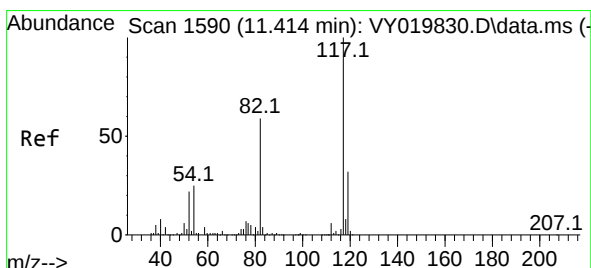
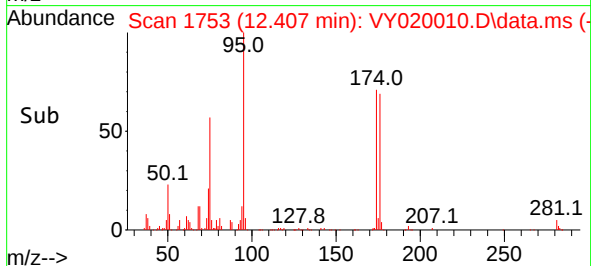
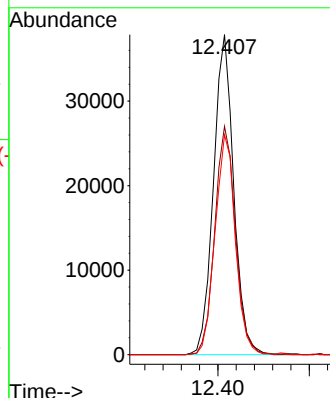
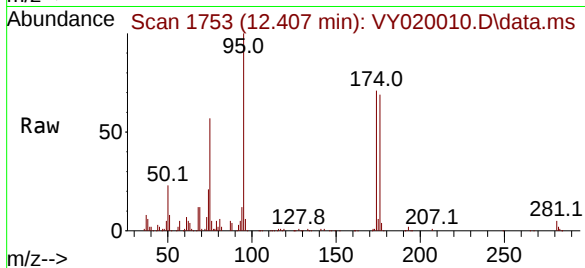




#62
4-Bromofluorobenzene
Concen: 38.598 ug/l
RT: 12.407 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020010.D
Acq: 24 Oct 2024 15:32

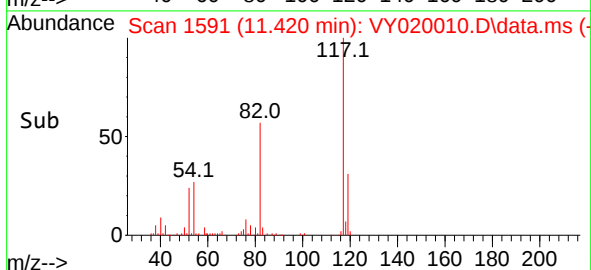
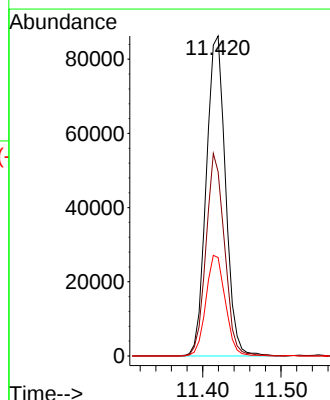
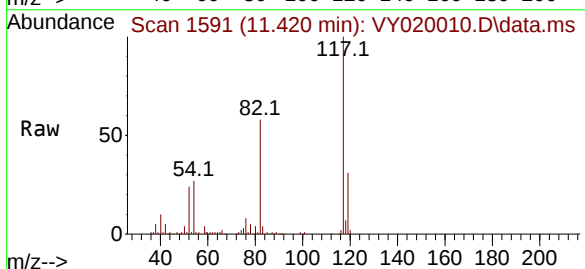
Instrument :
MSVOA_Y
ClientSampleId :

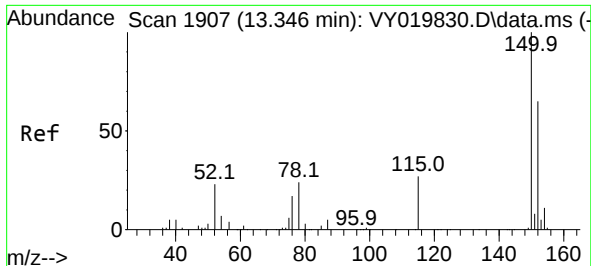
Tgt Ion: 95 Resp: 58107
Ion Ratio Lower Upper
95 100
174 73.2 0.0 175.6
176 69.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY020010.D
Acq: 24 Oct 2024 15:32

Tgt Ion: 117 Resp: 146903
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 30.7 25.9 38.9

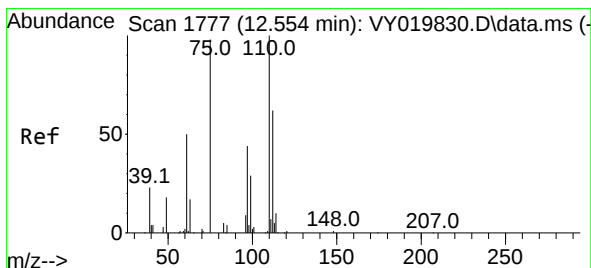
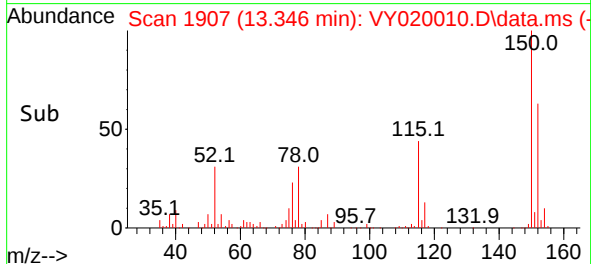
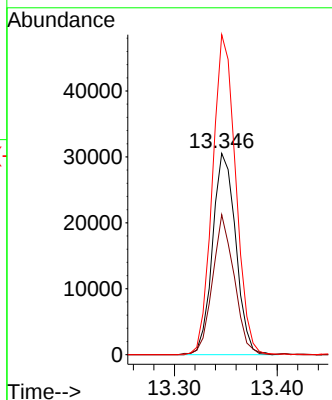
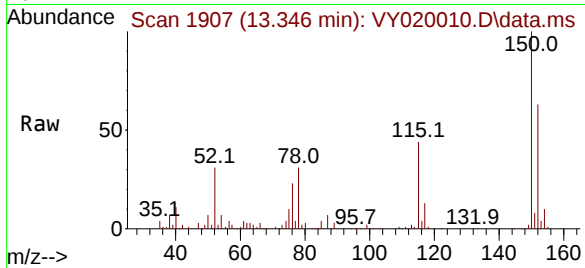




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY020010.D
 Acq: 24 Oct 2024 15:32

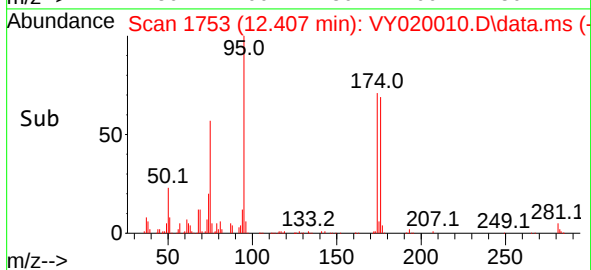
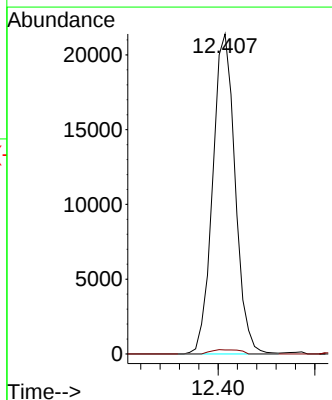
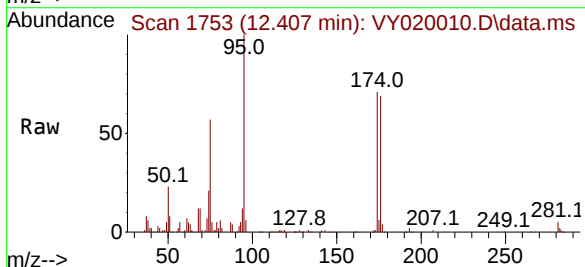
Instrument :
 MSVOA_Y
 ClientSampleId :

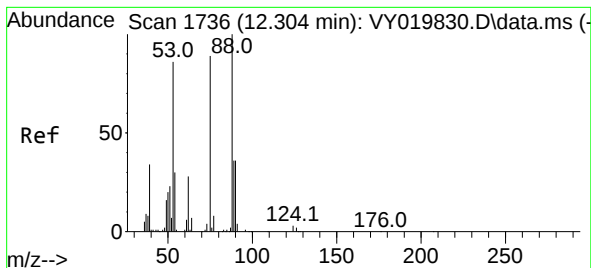
Tgt Ion:152 Resp: 47772
 Ion Ratio Lower Upper
 152 100
 115 64.9 28.2 84.7
 150 159.3 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 36.840 ug/l
 RT: 12.407 min Scan# 1753
 Delta R.T. -0.152 min
 Lab File: VY020010.D
 Acq: 24 Oct 2024 15:32

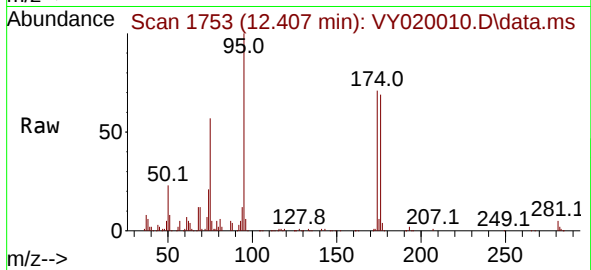
Tgt Ion: 75 Resp: 34477
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 148.702 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020010.D
 Acq: 24 Oct 2024 15:32

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 34477
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

