

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020059.D
 Acq On : 29 Oct 2024 14:25
 Operator : SY/MD
 Sample : P4598-03
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 01:24:37 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)

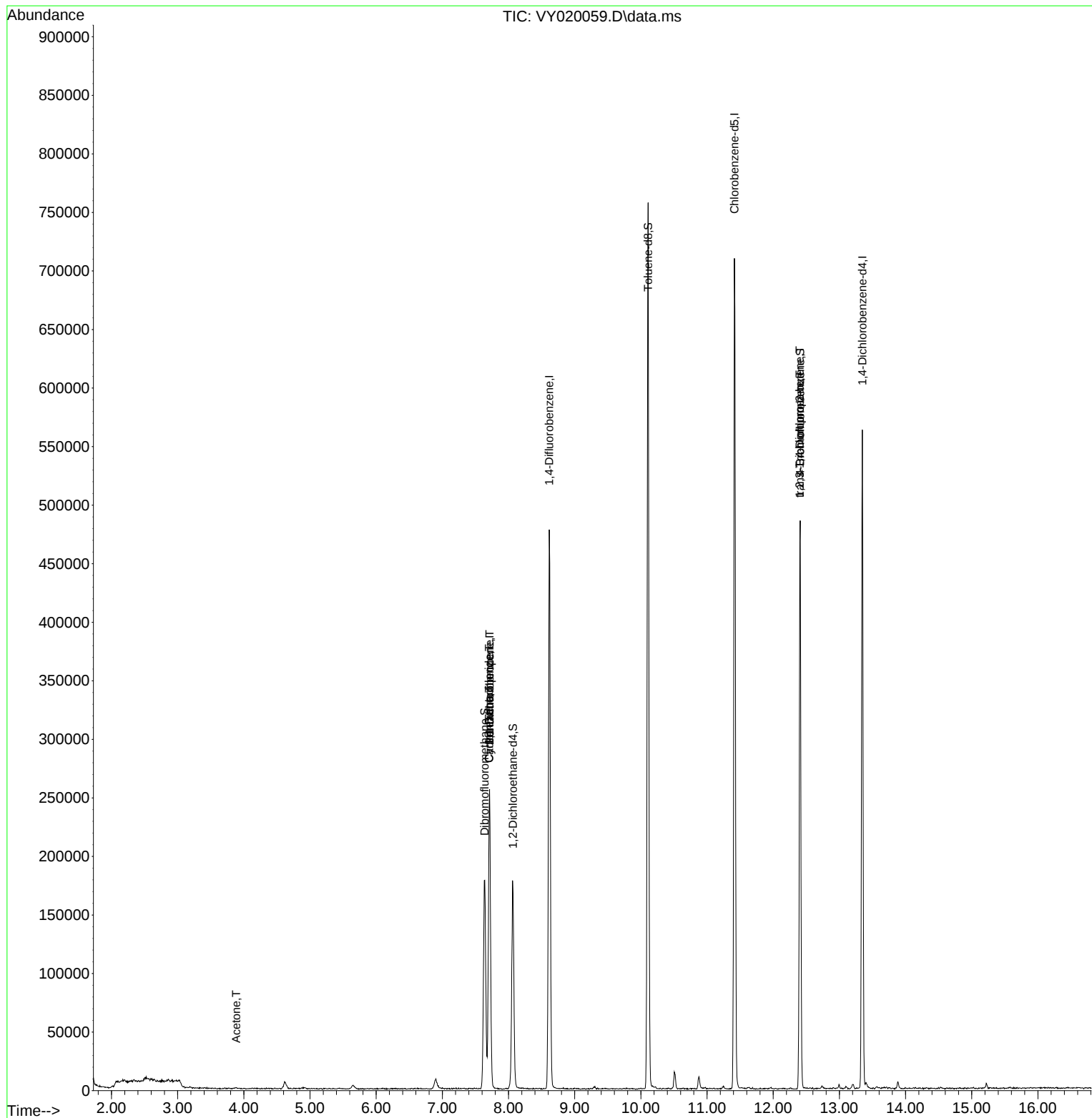
Internal Standards						
1) Pentafluorobenzene	7.713	168	176364	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	371938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	348660	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	123953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	129702	59.728	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.460%	
35) Dibromofluoromethane	7.640	113	124971	50.918	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.840%	
50) Toluene-d8	10.109	98	466714	51.493	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.980%	
62) 4-Bromofluorobenzene	12.408	95	143800	43.909	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.820%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.860	59	42	Below Cal	#	88
16) Acetone	3.885	43	1649	2.917	ug/l	98
31) Cyclohexane	7.707	56	5683	1.566	ug/l	# 8
36) 1,1-Dichloropropene	7.713	75	17218	4.869	ug/l	# 47
38) Carbon Tetrachloride	7.707	117	19114	5.042	ug/l	# 16
76) 1,2,3-Trichloropropane	12.401	75	83875	34.542	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	83875	139.423	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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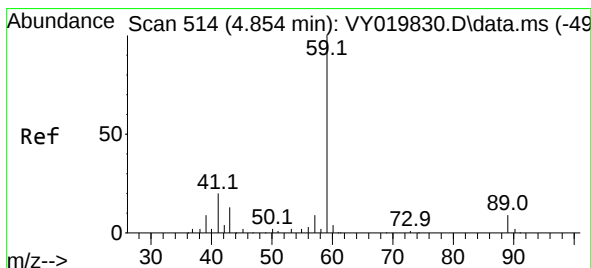
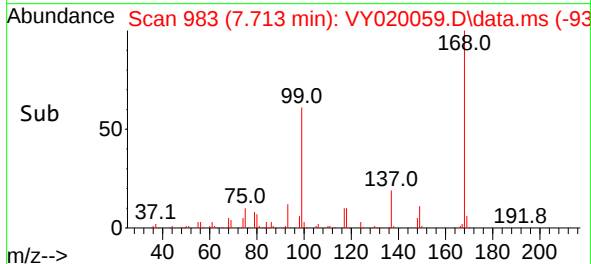
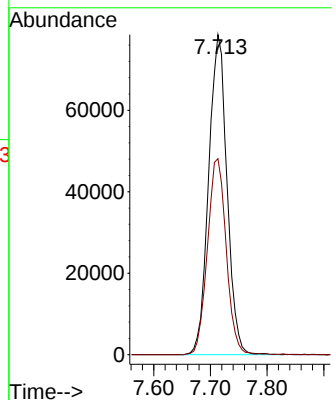
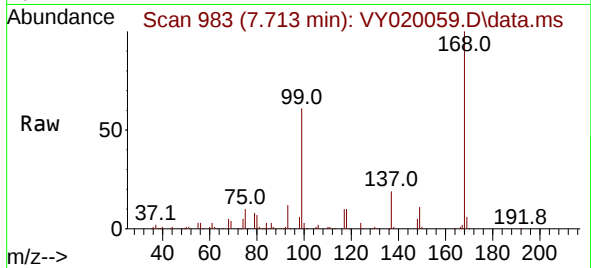




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020059.D
Acq: 29 Oct 2024 14:25

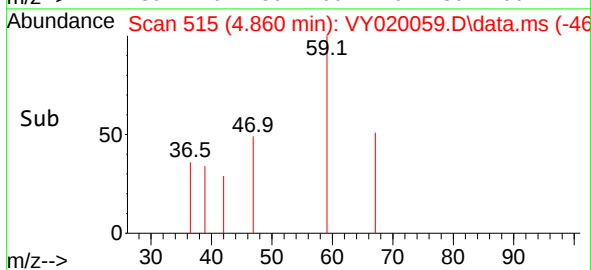
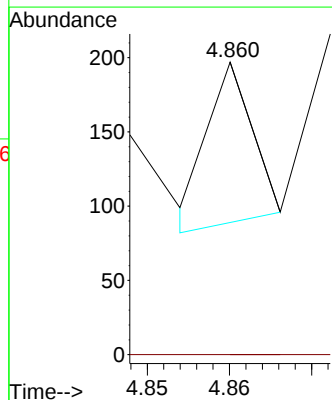
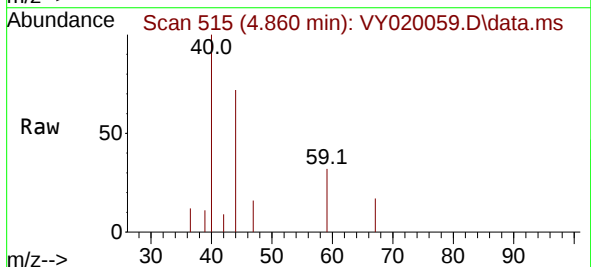
Instrument :
MSVOA_Y
ClientSampleId :

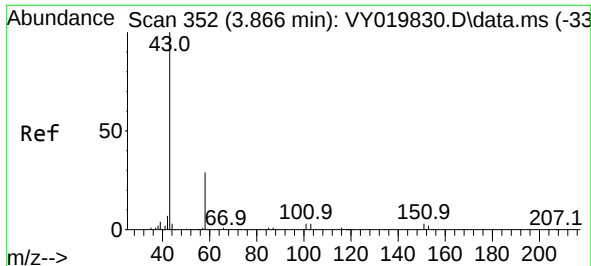
Tgt Ion:168 Resp: 176364
Ion Ratio Lower Upper
168 100
99 61.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.860 min Scan# 515
Delta R.T. 0.000 min
Lab File: VY020059.D
Acq: 29 Oct 2024 14:25

Tgt Ion: 59 Resp: 42
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#





#16

Acetone

Concen: 2.917 ug/l

RT: 3.885 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY020059.D

Acq: 29 Oct 2024 14:25

Instrument :

MSVOA_Y

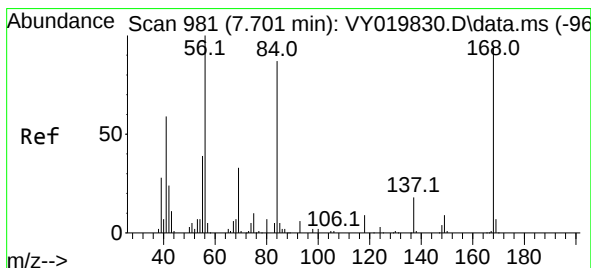
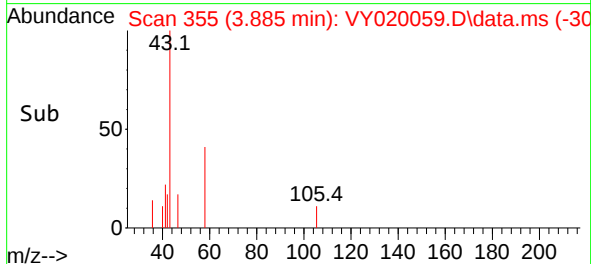
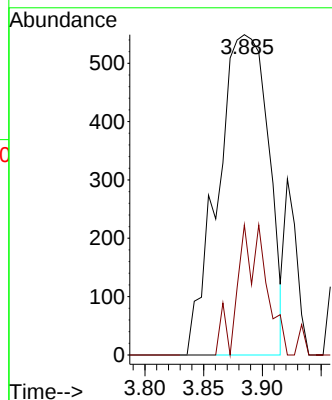
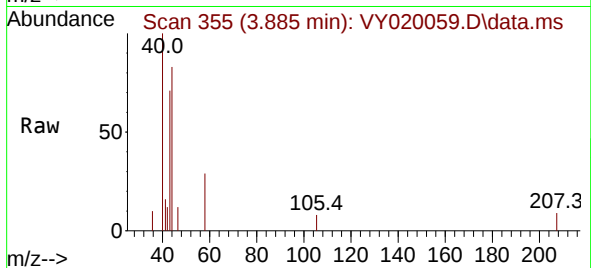
ClientSampleId :

Tgt Ion: 43 Resp: 1649

Ion Ratio Lower Upper

43 100

58 40.6 31.7 47.5



#31

Cyclohexane

Concen: 1.566 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.006 min

Lab File: VY020059.D

Acq: 29 Oct 2024 14:25

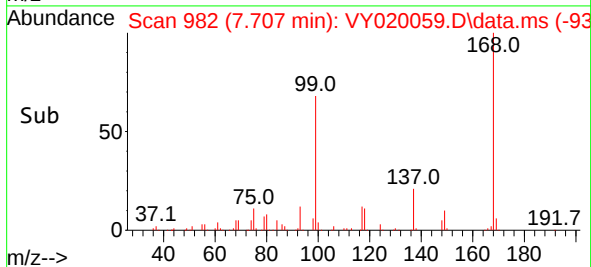
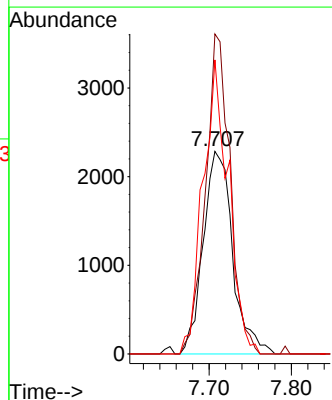
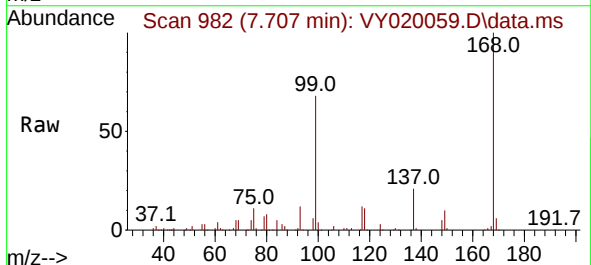
Tgt Ion: 56 Resp: 5683

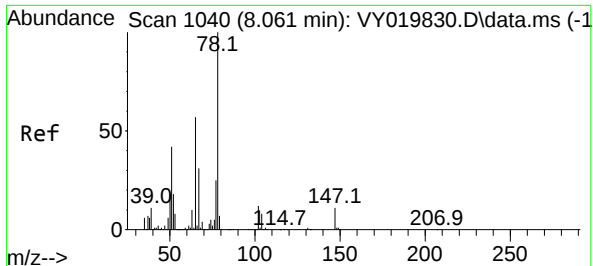
Ion Ratio Lower Upper

56 100

69 157.9 28.7 43.1#

84 145.2 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 59.728 ug/l

RT: 8.067 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VY020059.D

Acq: 29 Oct 2024 14:25

Instrument :

MSVOA_Y

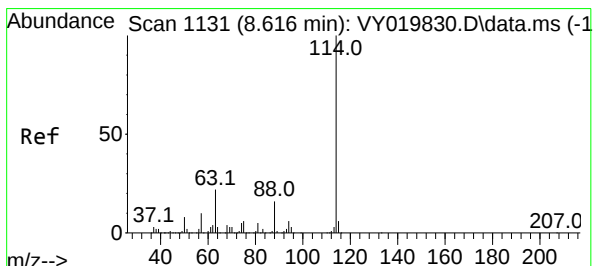
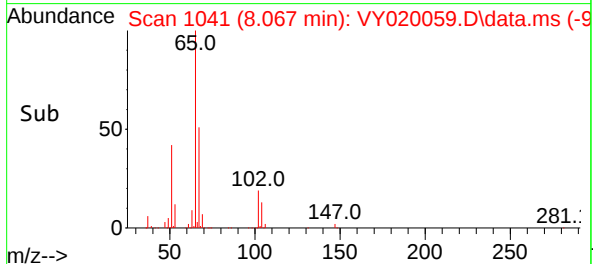
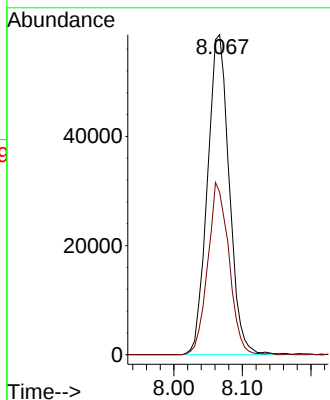
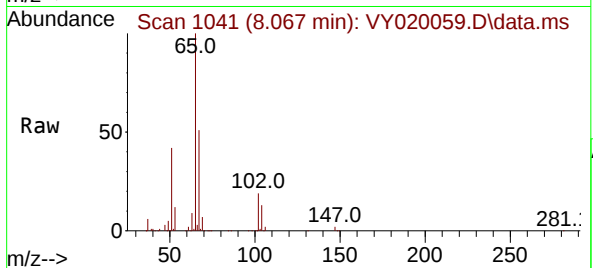
ClientSampleId :

Tgt Ion: 65 Resp: 129702

Ion Ratio Lower Upper

65 100

67 52.3 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: VY020059.D

Acq: 29 Oct 2024 14:25

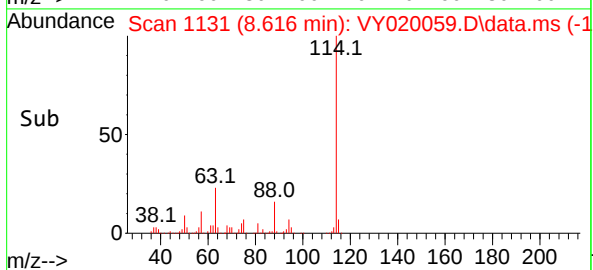
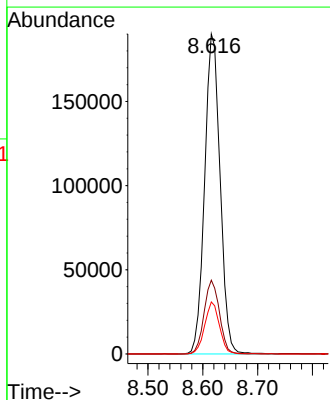
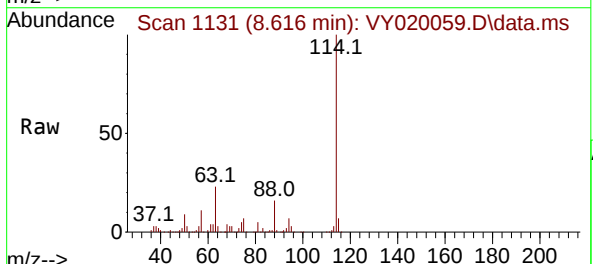
Tgt Ion: 114 Resp: 371938

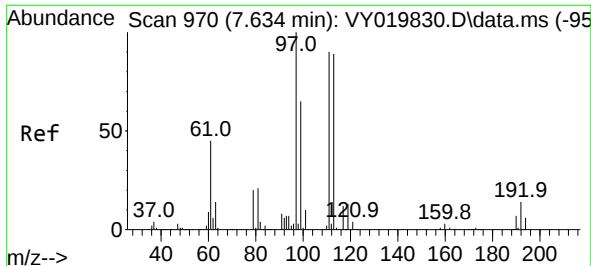
Ion Ratio Lower Upper

114 100

63 23.1 0.0 35.0

88 16.3 0.0 27.2

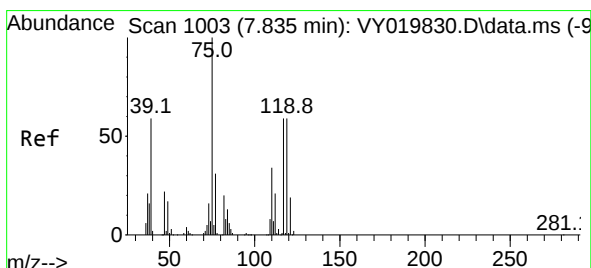
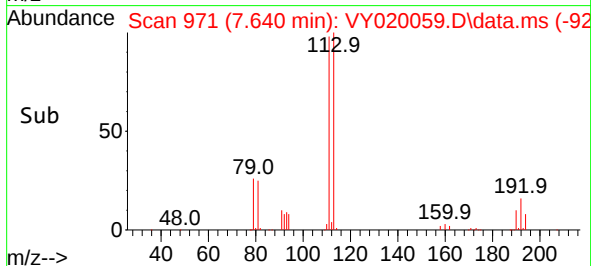
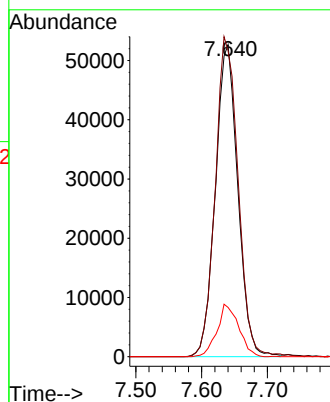
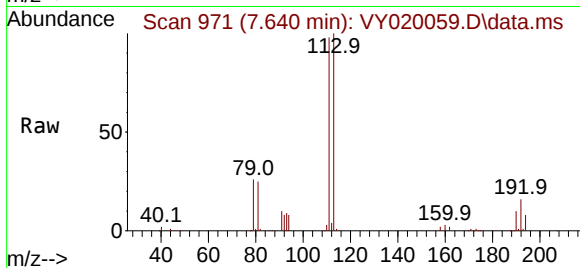




#35
Dibromofluoromethane
Concen: 50.918 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020059.D
Acq: 29 Oct 2024 14:25

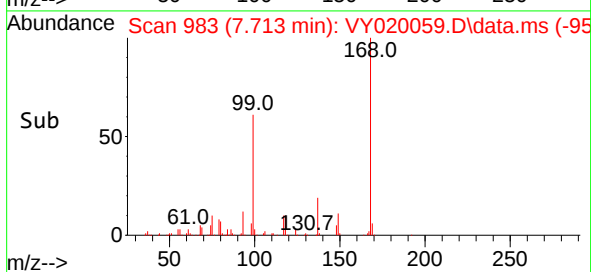
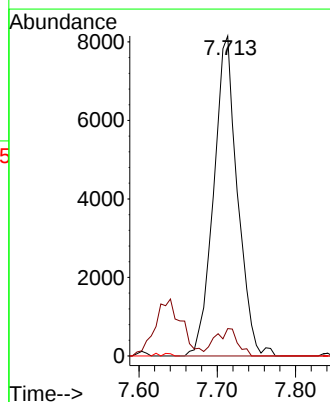
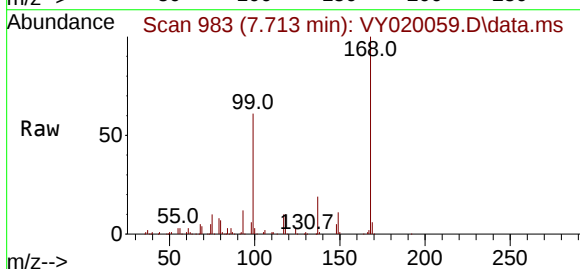
Instrument :
MSVOA_Y
ClientSampleId :

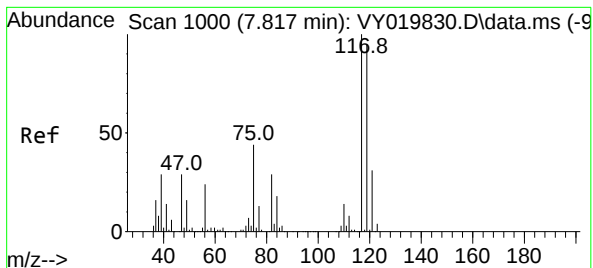
Tgt Ion:113 Resp: 124971
Ion Ratio Lower Upper
113 100
111 104.5 82.2 123.4
192 16.3 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.869 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.122 min
Lab File: VY020059.D
Acq: 29 Oct 2024 14:25

Tgt Ion: 75 Resp: 17218
Ion Ratio Lower Upper
75 100
110 8.0 19.0 57.0#
77 0.0 25.3 37.9#





#38

Carbon Tetrachloride

Concen: 5.042 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.110 min

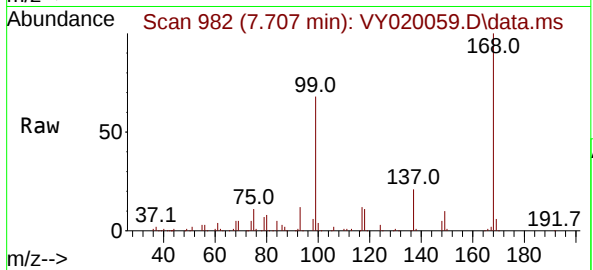
Lab File: VY020059.D

Acq: 29 Oct 2024 14:25

Instrument :

MSVOA_Y

ClientSampleId :



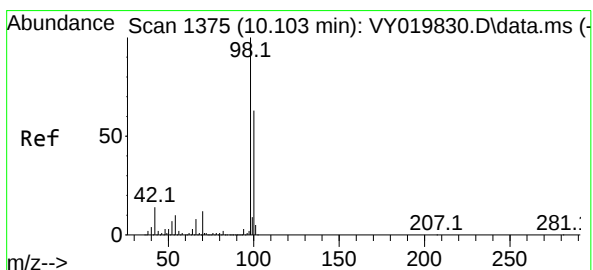
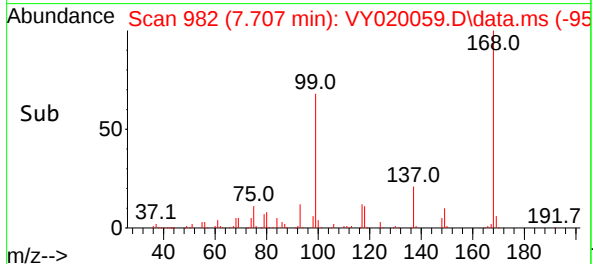
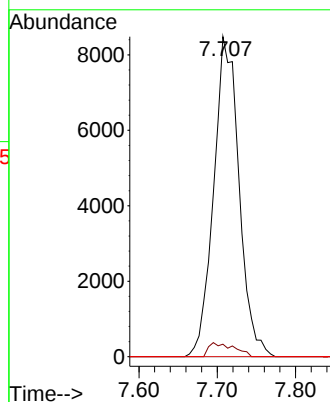
Tgt Ion:117 Resp: 19114

Ion Ratio Lower Upper

117 100

119 3.9 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 51.493 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY020059.D

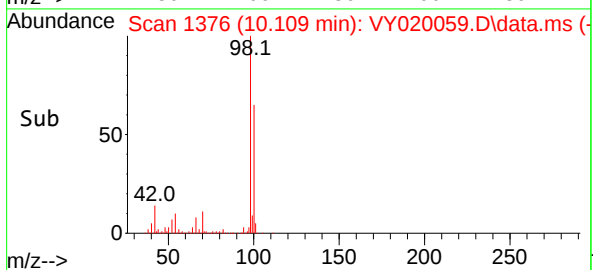
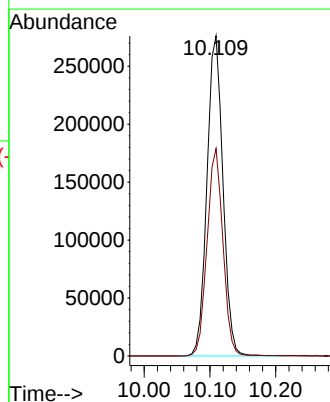
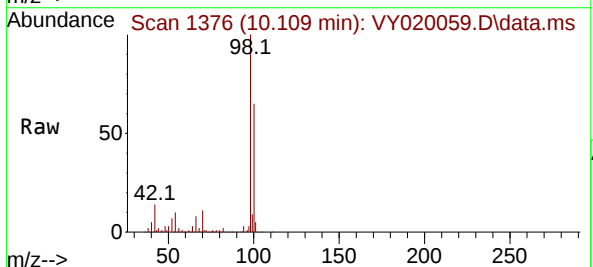
Acq: 29 Oct 2024 14:25

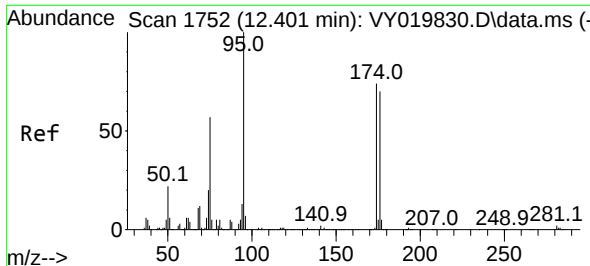
Tgt Ion: 98 Resp: 466714

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0

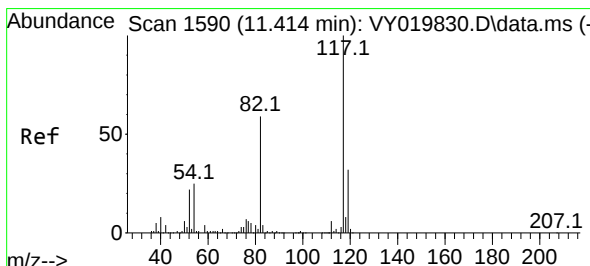
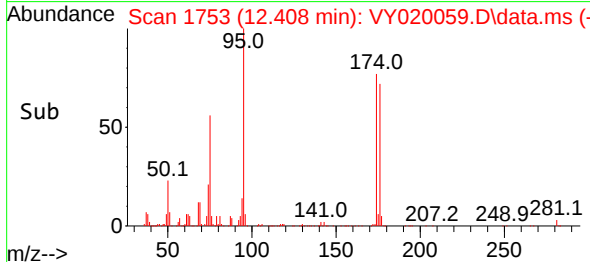
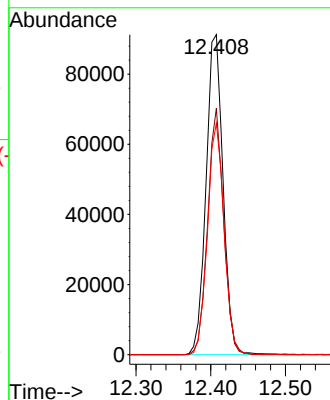
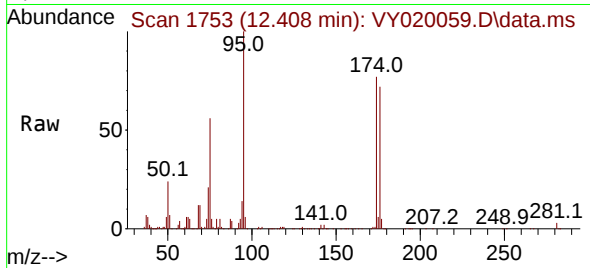




#62
4-Bromofluorobenzene
Concen: 43.909 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020059.D
Acq: 29 Oct 2024 14:25

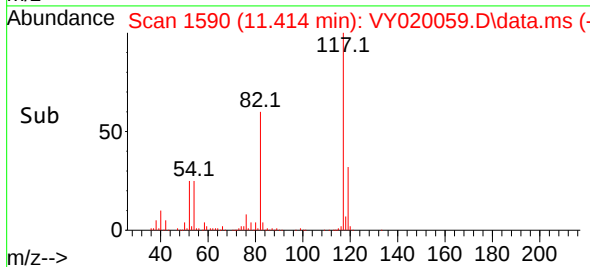
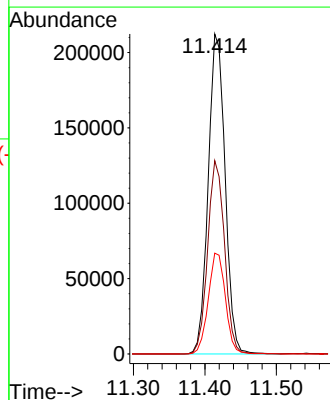
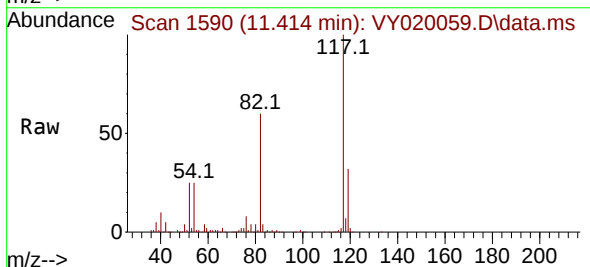
Instrument :
MSVOA_Y
ClientSampleId :

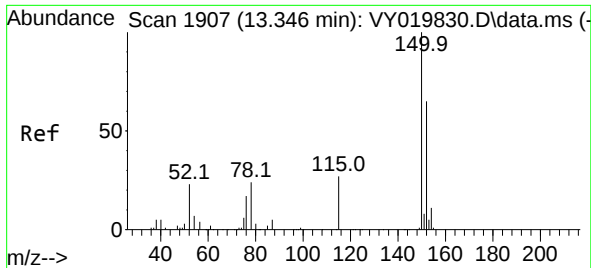
Tgt Ion: 95 Resp: 143800
Ion Ratio Lower Upper
95 100
174 72.8 0.0 175.6
176 70.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020059.D
Acq: 29 Oct 2024 14:25

Tgt Ion: 117 Resp: 348660
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 31.5 25.9 38.9

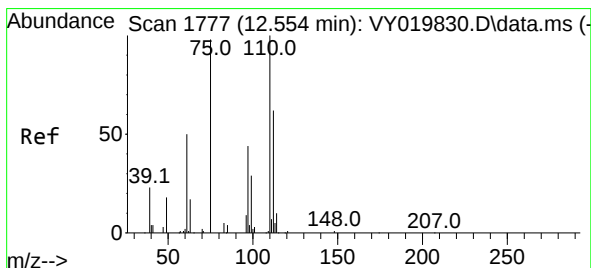
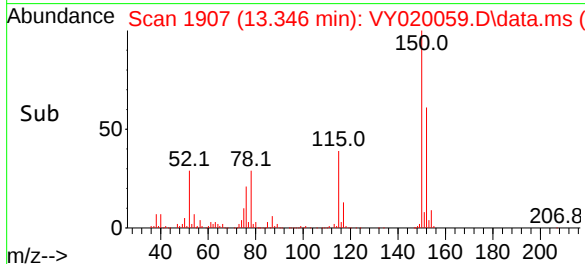
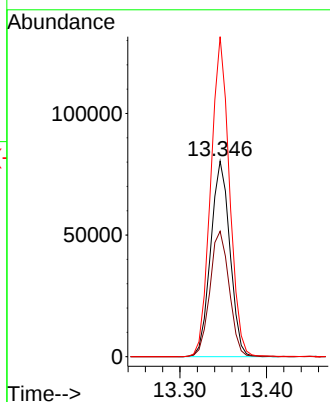
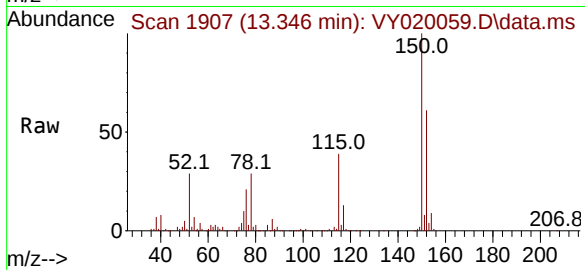




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.346 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY020059.D
 Acq: 29 Oct 2024 14:25

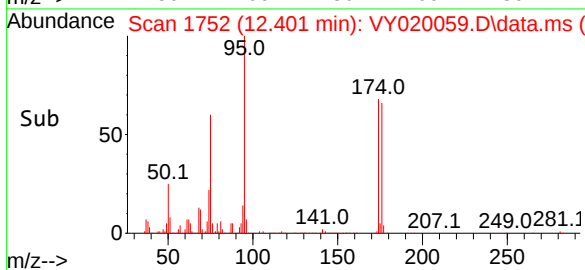
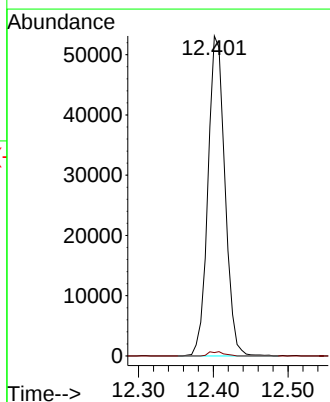
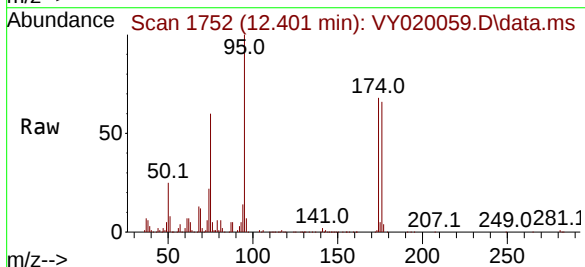
Instrument :
 MSVOA_Y
 ClientSampleId :

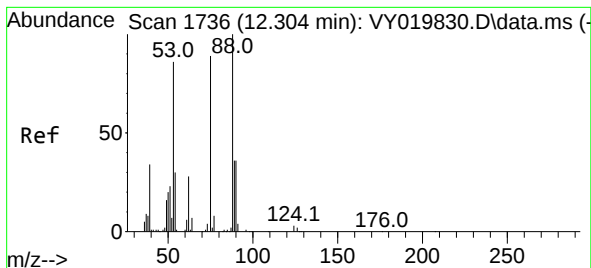
Tgt Ion:152 Resp: 123953
 Ion Ratio Lower Upper
 152 100
 115 64.3 28.2 84.7
 150 159.1 0.0 345.6



#76
 1,2,3-Trichloropropane
 Concen: 34.542 ug/l
 RT: 12.401 min Scan# 1752
 Delta R.T. -0.158 min
 Lab File: VY020059.D
 Acq: 29 Oct 2024 14:25

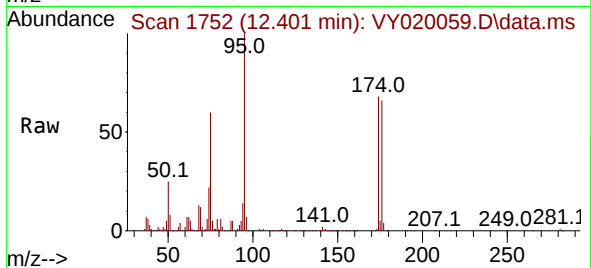
Tgt Ion: 75 Resp: 83875
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 139.423 ug/l
 RT: 12.401 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020059.D
 Acq: 29 Oct 2024 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 83875
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.2 35.8 53.6#

