

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020069.D
 Acq On : 29 Oct 2024 18:19
 Operator : SY/MD
 Sample : P4594-07
 Misc : 4.23g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 01:28:49 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)

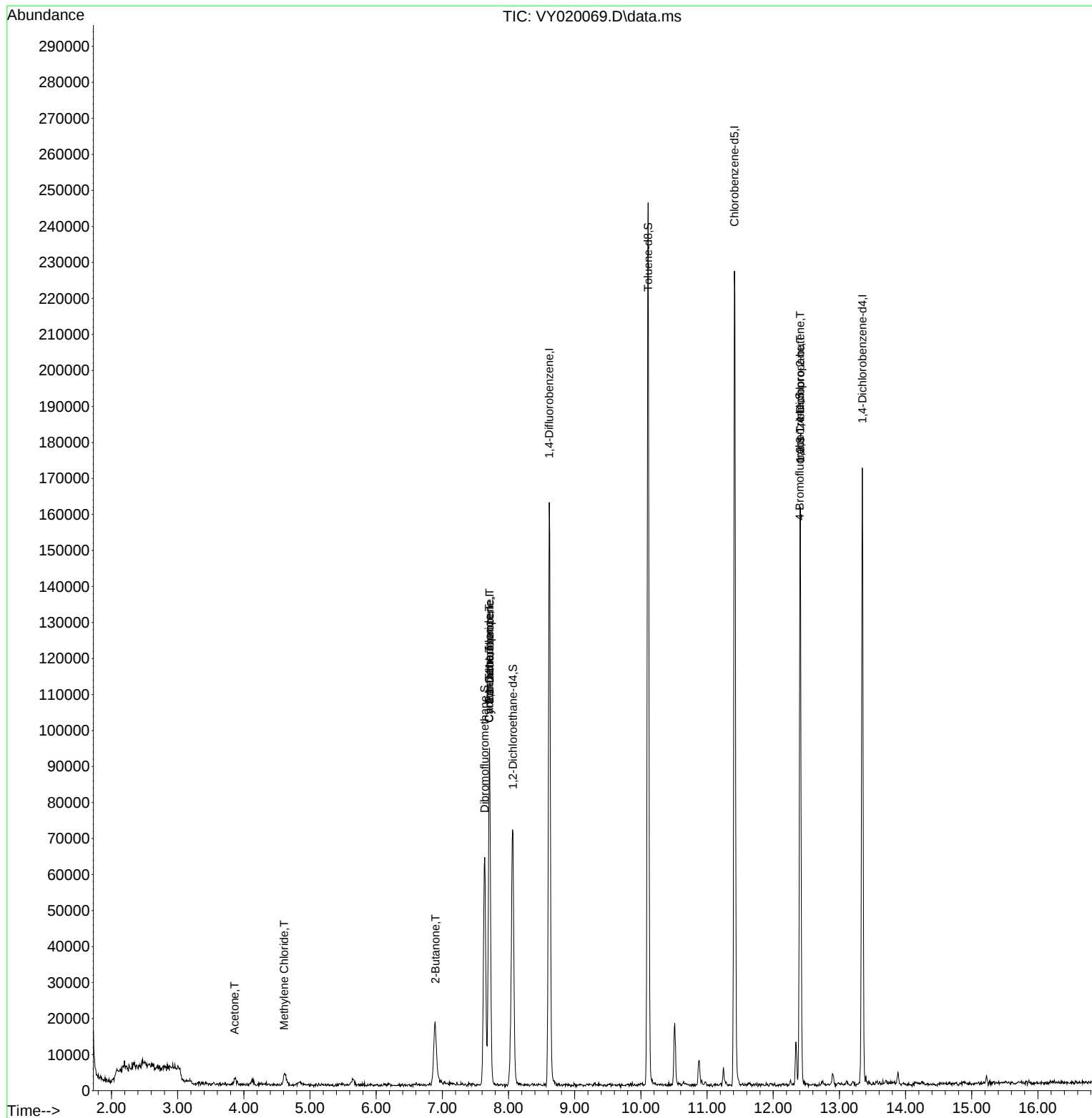
Internal Standards						
1) Pentafluorobenzene	7.713	168	63184	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	130346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	113976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	39320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	50609	65.052	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.100%	
35) Dibromofluoromethane	7.640	113	44603	51.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.720%	
50) Toluene-d8	10.109	98	156539	49.282	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.560%	
62) 4-Bromofluorobenzene	12.402	95	45105	39.300	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 78.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.824	59	251	Below Cal	#	44
16) Acetone	3.861	43	2924	14.438	ug/l #	77
20) Methylene Chloride	4.610	84	2099	2.031	ug/l #	79
25) 2-Butanone	6.897	43	931	3.434	ug/l #	41
31) Cyclohexane	7.707	56	1891	1.455	ug/l #	49
36) 1,1-Dichloropropene	7.713	75	7044	5.684	ug/l #	49
38) Carbon Tetrachloride	7.707	117	7613	5.731	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	27515	35.721	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	27515	144.184	ug/l #	16

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

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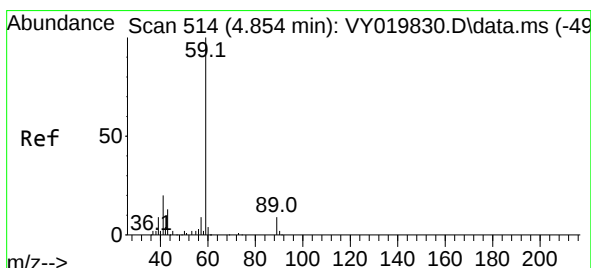
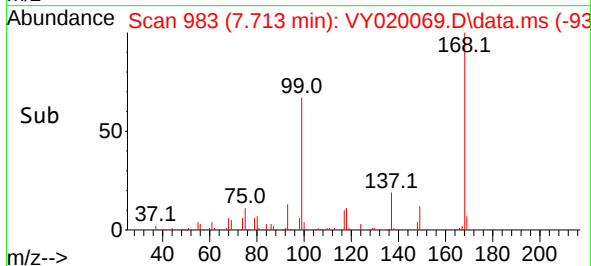
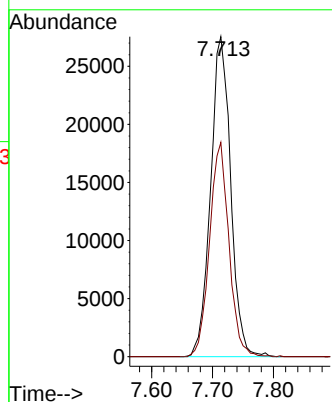
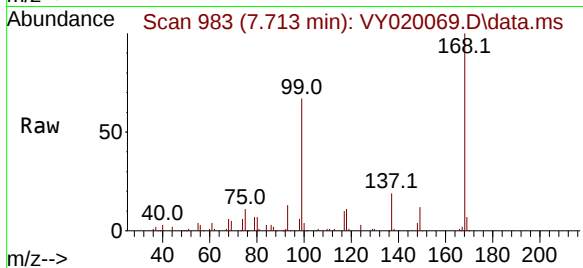




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

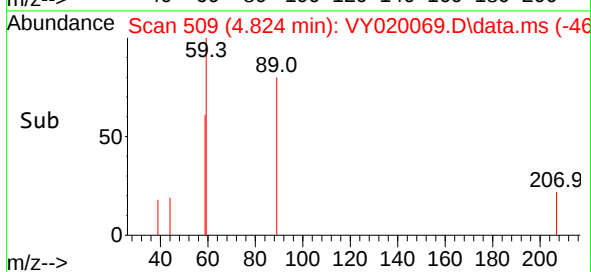
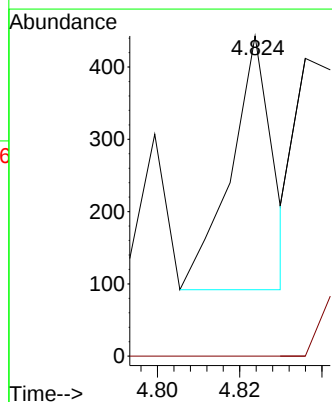
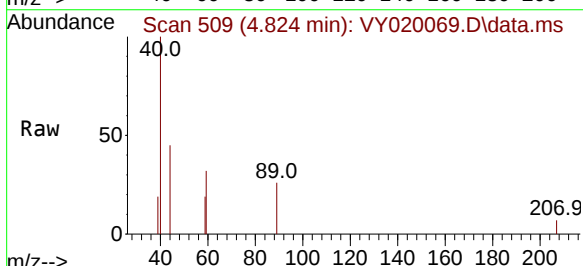
Instrument :
MSVOA_Y
ClientSampleId :

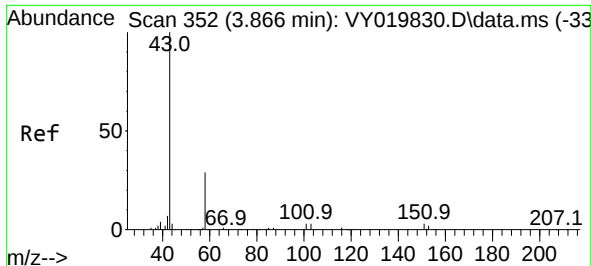
Tgt Ion:168 Resp: 63184
Ion Ratio Lower Upper
168 100
99 66.9 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.824 min Scan# 509
Delta R.T. -0.036 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

Tgt Ion: 59 Resp: 251
Ion Ratio Lower Upper
59 100
57 22.3 3.0 4.6#

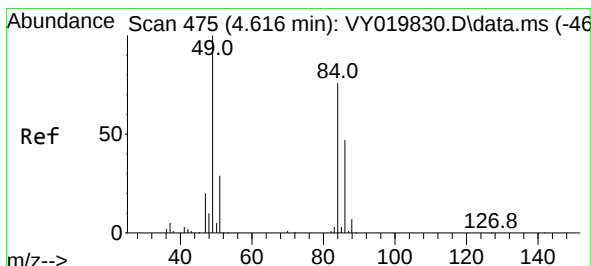
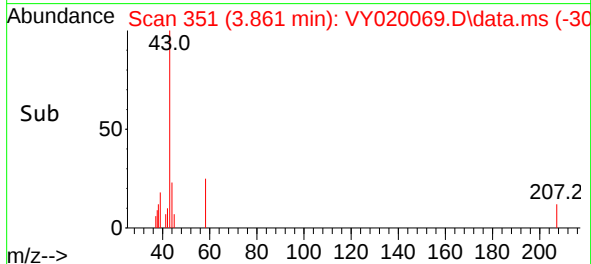
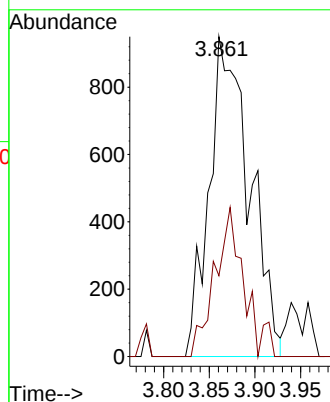
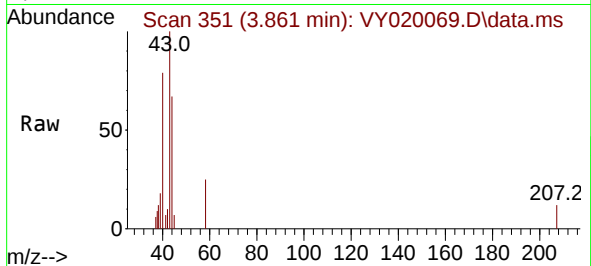




#16
Acetone
Concen: 14.438 ug/l
RT: 3.861 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

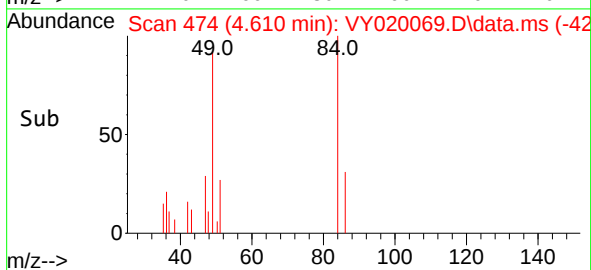
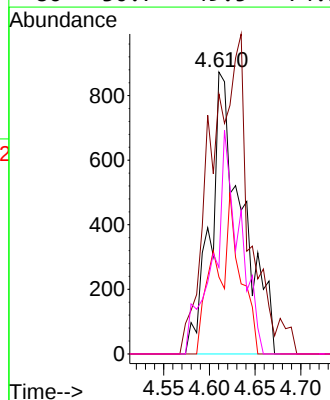
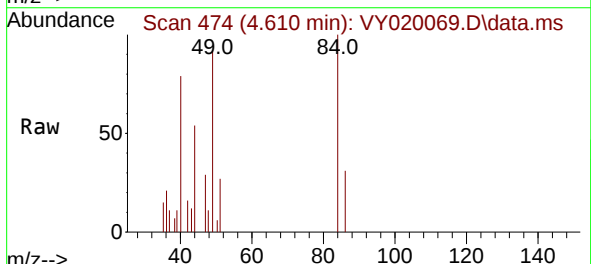
Instrument :
MSVOA_Y
ClientSampleId :

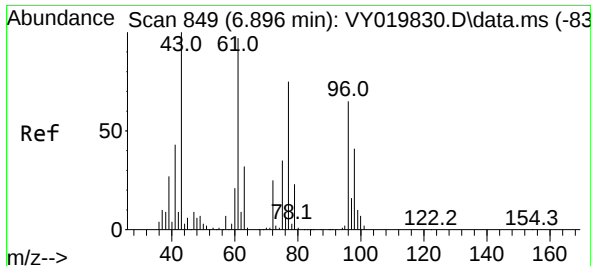
Tgt Ion: 43 Resp: 2924
Ion Ratio Lower Upper
43 100
58 25.3 31.7 47.5#



#20
Methylene Chloride
Concen: 2.031 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

Tgt Ion: 84 Resp: 2099
Ion Ratio Lower Upper
84 100
49 92.2 84.4 126.6
51 27.3 26.0 39.0
86 30.7 49.5 74.3#





#25

2-Butanone

Concen: 3.434 ug/l

RT: 6.897 min Scan# 849

Delta R.T. 0.007 min

Lab File: VY020069.D

Acq: 29 Oct 2024 18:19

Instrument :

MSVOA_Y

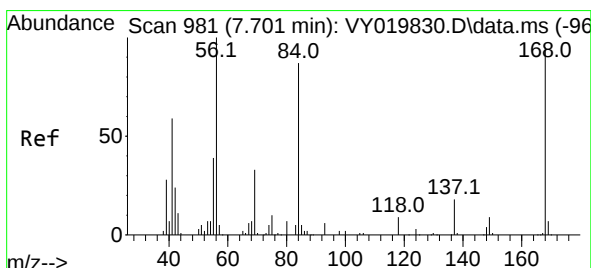
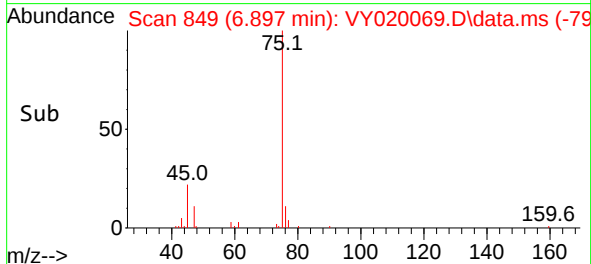
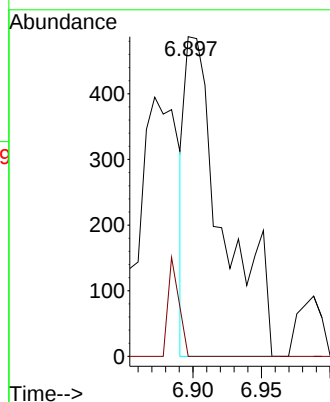
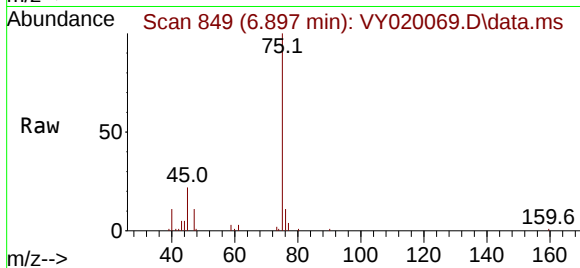
ClientSampleId :

Tgt Ion: 43 Resp: 931

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.455 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.007 min

Lab File: VY020069.D

Acq: 29 Oct 2024 18:19

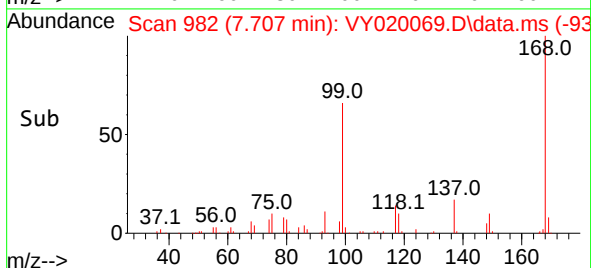
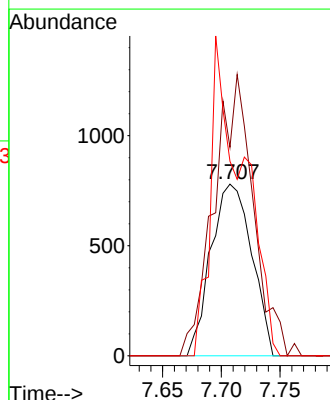
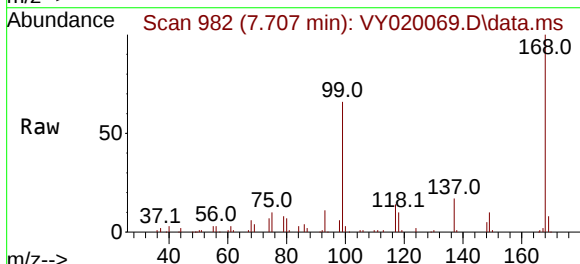
Tgt Ion: 56 Resp: 1891

Ion Ratio Lower Upper

56 100

69 121.4 28.7 43.1#

84 113.3 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 65.052 ug/l

RT: 8.067 min Scan# 11041

Delta R.T. 0.007 min

Lab File: VY020069.D

Acq: 29 Oct 2024 18:19

Instrument :

MSVOA_Y

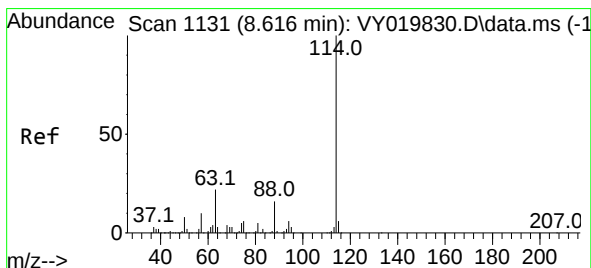
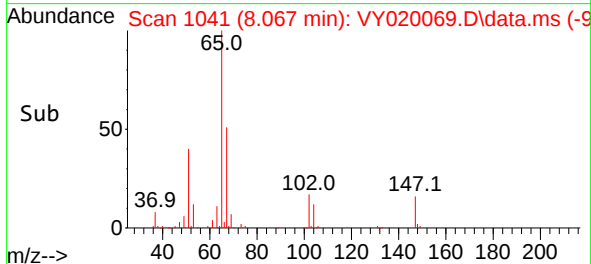
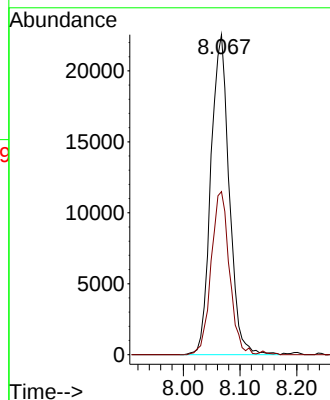
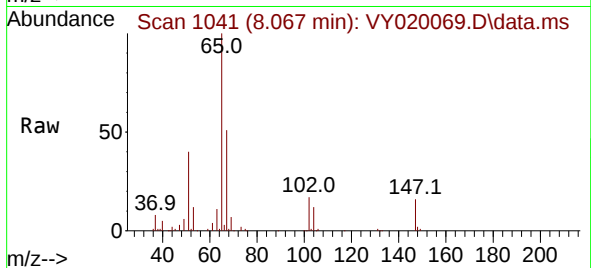
ClientSampleId :

Tgt Ion: 65 Resp: 50609

Ion Ratio Lower Upper

65 100

67 50.9 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: VY020069.D

Acq: 29 Oct 2024 18:19

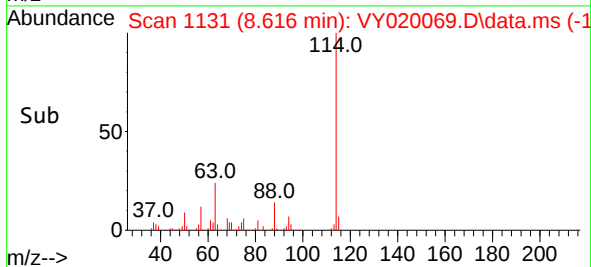
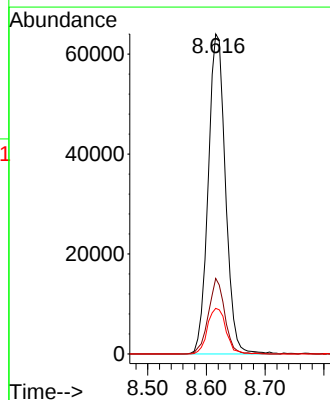
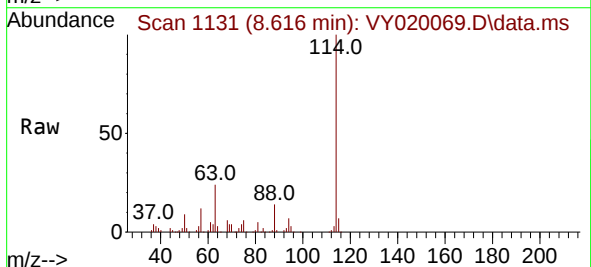
Tgt Ion: 114 Resp: 130346

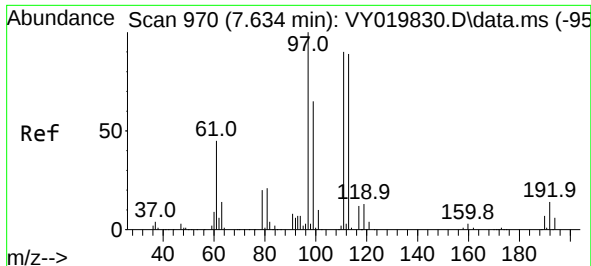
Ion Ratio Lower Upper

114 100

63 23.6 0.0 35.0

88 14.3 0.0 27.2

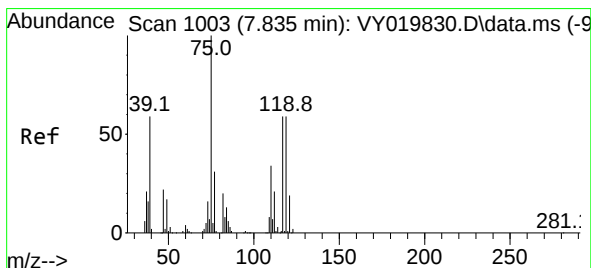
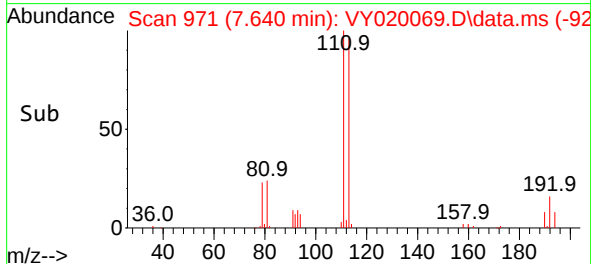
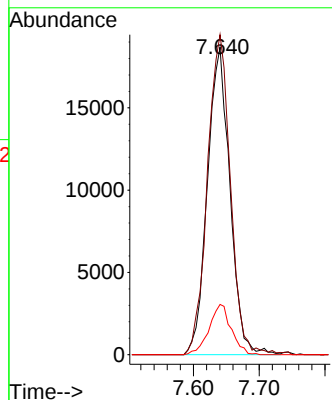
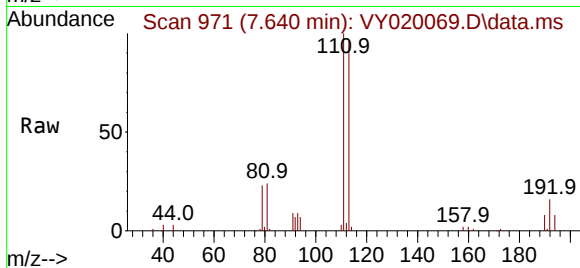




#35
Dibromofluoromethane
Concen: 51.855 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.007 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

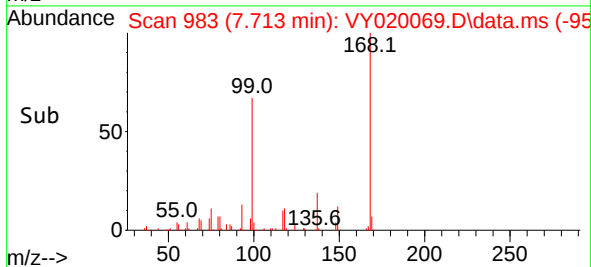
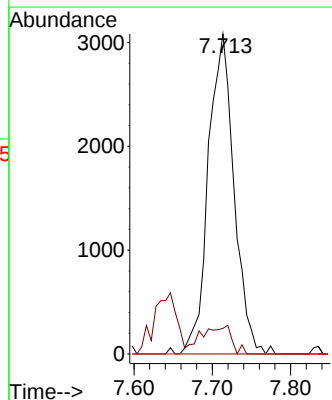
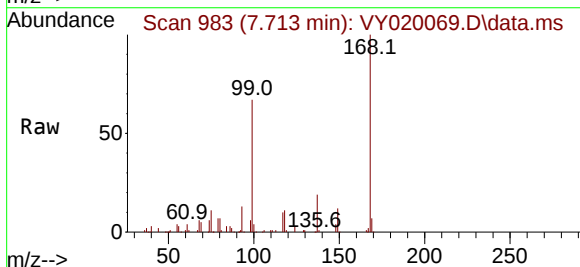
Instrument :
MSVOA_Y
ClientSampleId :

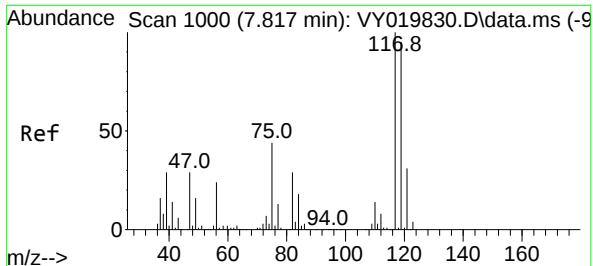
Tgt Ion:113 Resp: 44603
Ion Ratio Lower Upper
113 100
111 106.3 82.2 123.4
192 16.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.684 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.121 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

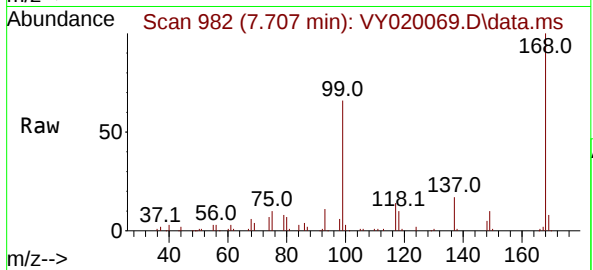
Tgt Ion: 75 Resp: 7044
Ion Ratio Lower Upper
75 100
110 10.0 19.0 57.0#
77 0.0 25.3 37.9#



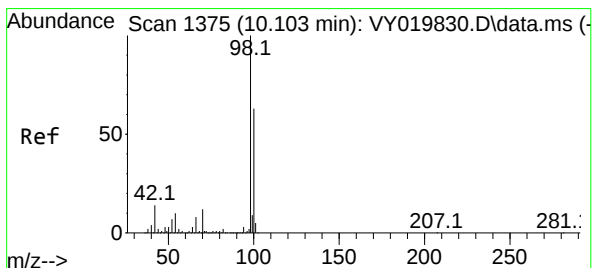
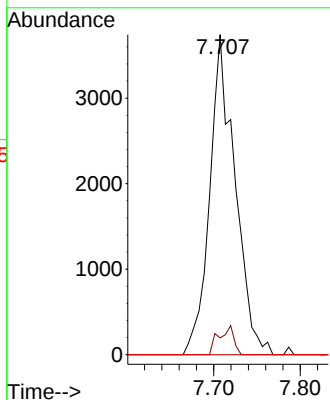
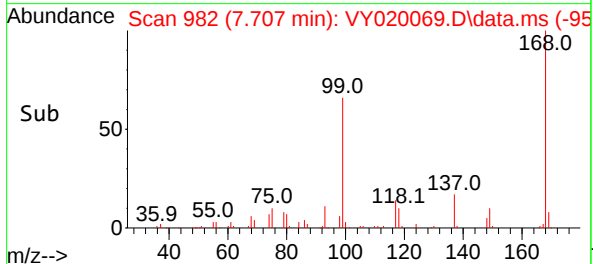


#38
Carbon Tetrachloride
Concen: 5.731 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

Instrument :
MSVOA_Y
ClientSampleId :

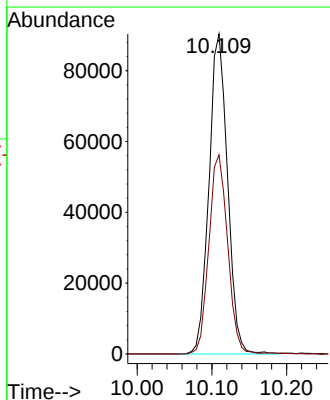
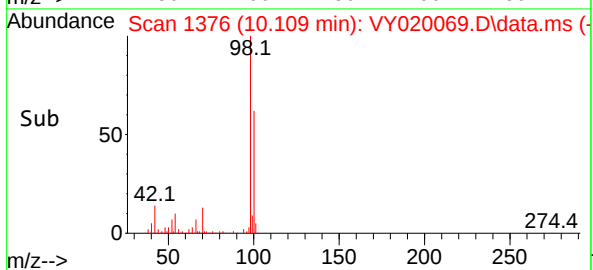
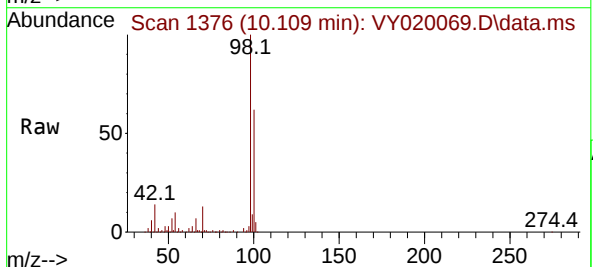


Tgt Ion:117 Resp: 7613
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 49.282 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

Tgt Ion: 98 Resp: 156539
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0

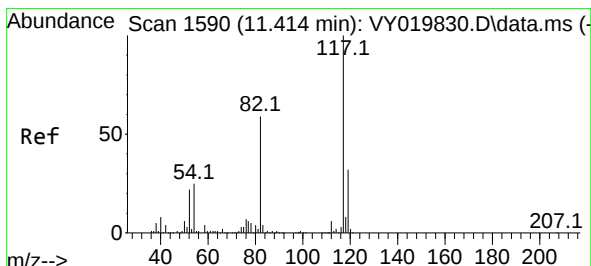
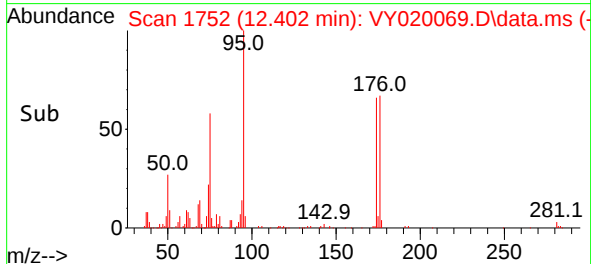
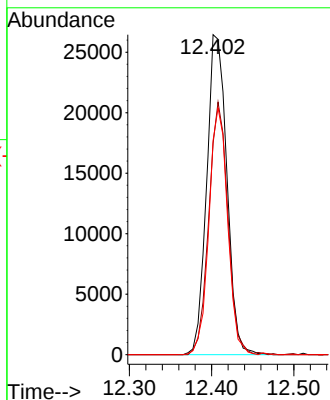
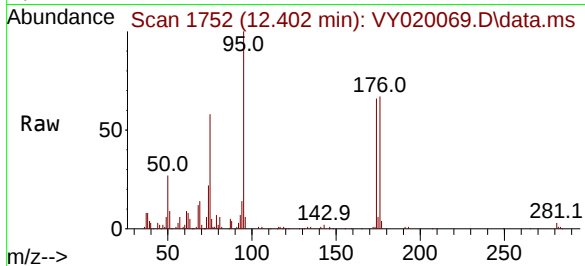




#62
4-Bromofluorobenzene
Concen: 39.300 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

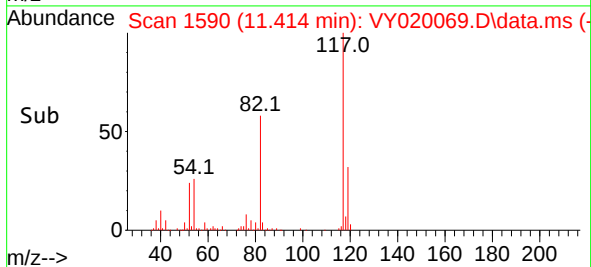
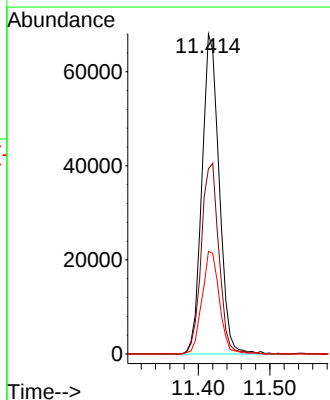
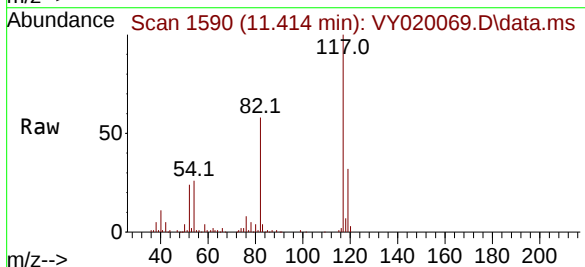
Instrument :
MSVOA_Y
ClientSampleId :

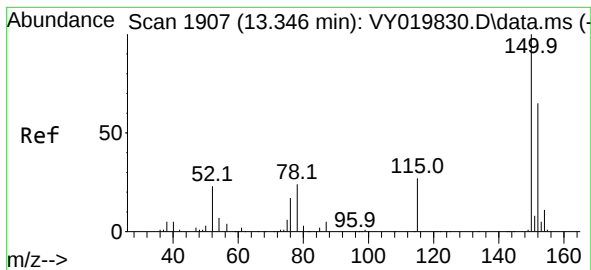
Tgt Ion: 95 Resp: 45105
Ion Ratio Lower Upper
95 100
174 74.8 0.0 175.6
176 71.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

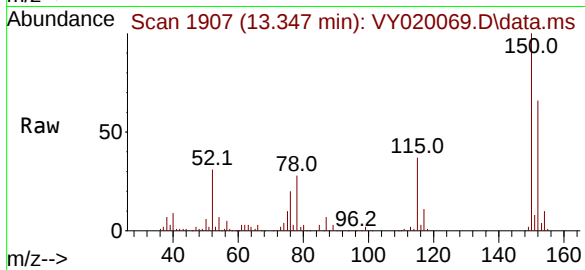
Tgt Ion: 117 Resp: 113976
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 32.0 25.9 38.9



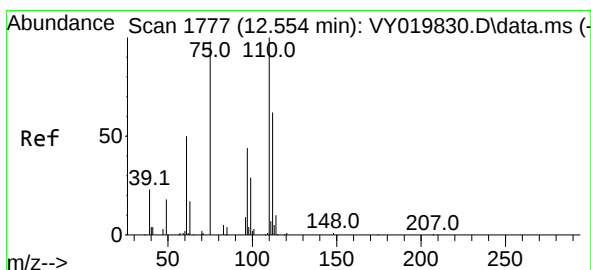
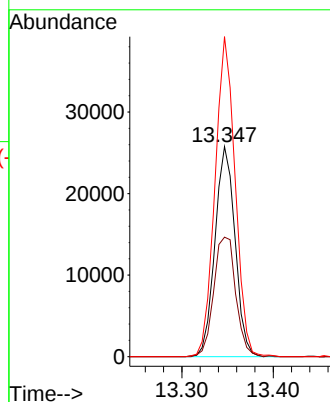
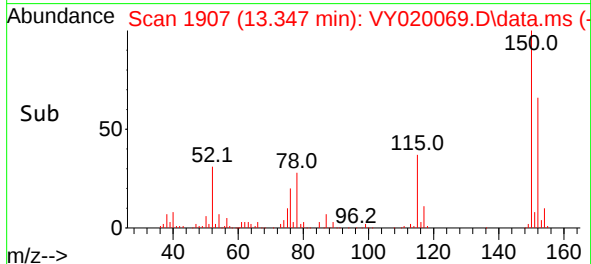


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

Instrument :
MSVOA_Y
ClientSampleId :

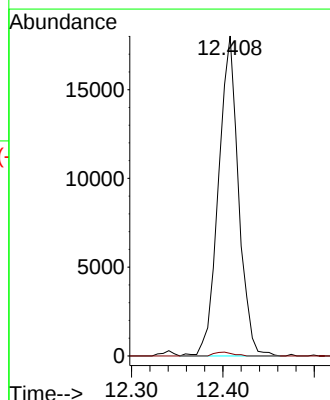
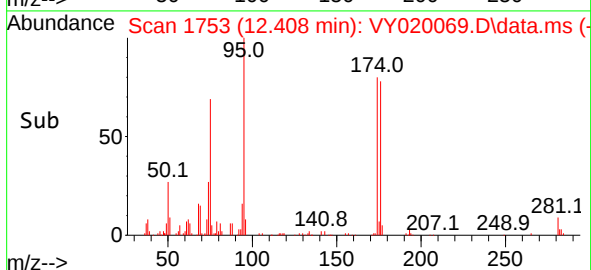
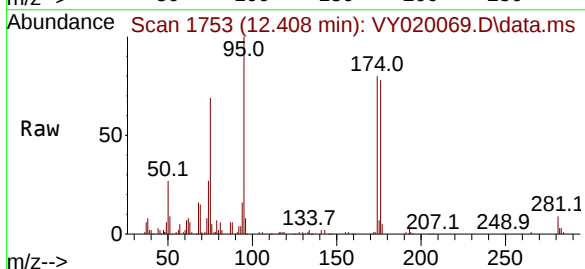


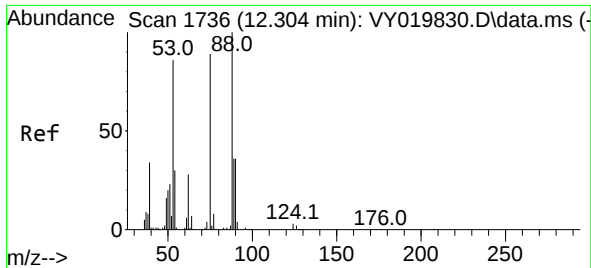
Tgt Ion:152 Resp: 39320
Ion Ratio Lower Upper
152 100
115 62.6 28.2 84.7
150 152.8 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 35.721 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

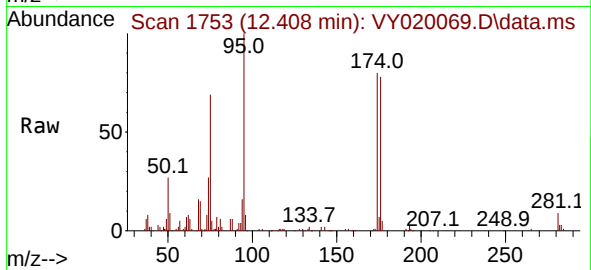
Tgt Ion: 75 Resp: 27515
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 144.184 ug/l
RT: 12.408 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020069.D
Acq: 29 Oct 2024 18:19

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

