

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020748.D
 Acq On : 27 Dec 2024 18:41
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 28 03:06:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122624S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 26 16:12:28 2024
 Response via : Initial Calibration

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

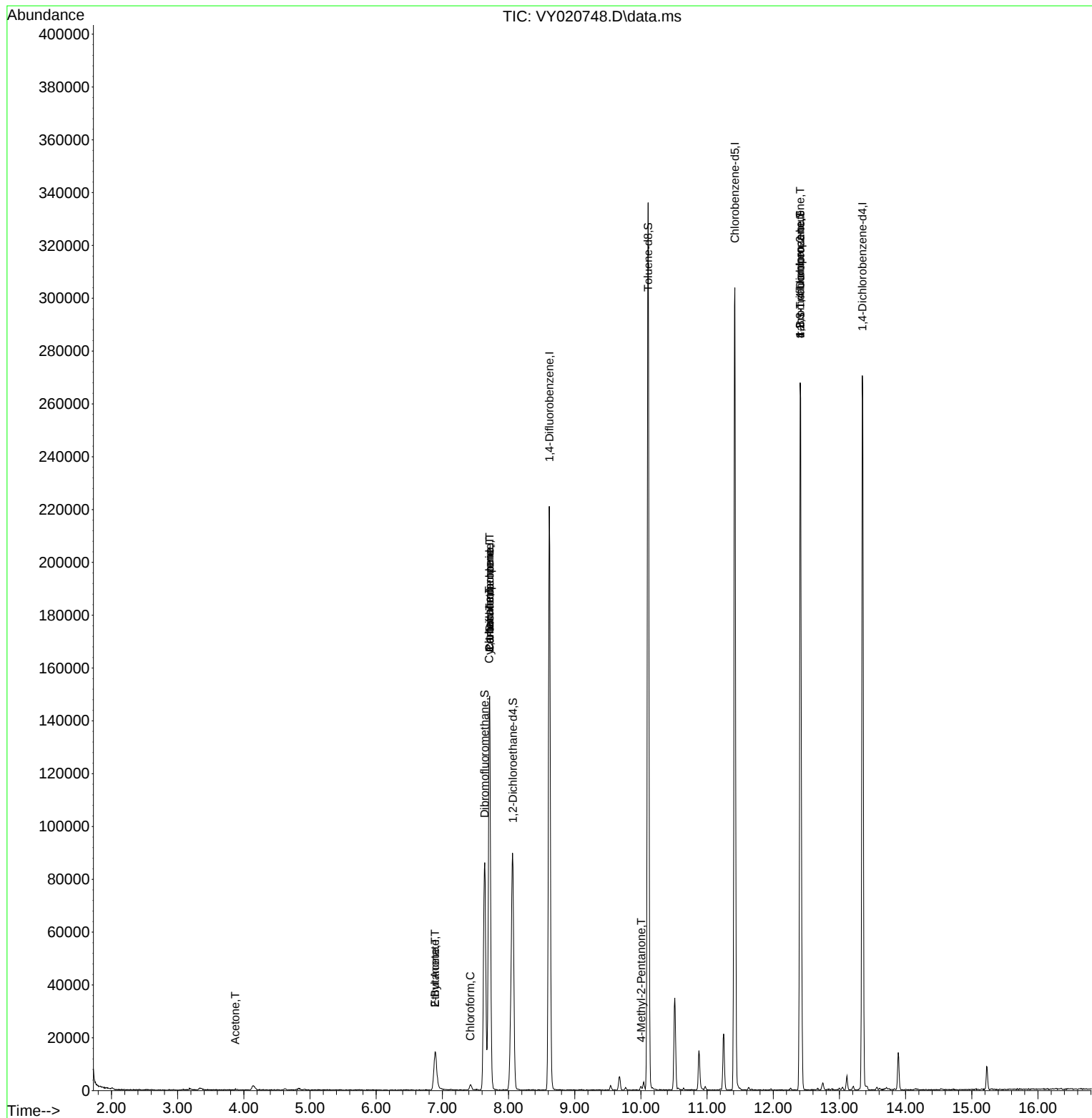
Internal Standards						
1) Pentafluorobenzene	7.713	168	118941	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	194423	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	169474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	73075	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	63007	64.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.340%	
35) Dibromofluoromethane	7.640	113	60739	56.717	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.440%	
50) Toluene-d8	10.109	98	224782	52.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.380%	
62) 4-Bromofluorobenzene	12.408	95	72114	50.670	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 101.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.836	59	427	Below Cal	#	89
16) Acetone	3.873	43	479	3.876	ug/l #	82
25) 2-Butanone	6.890	43	636	3.809	ug/l #	38
30) Chloroform	7.421	83	2091	1.121	ug/l #	84
31) Cyclohexane	7.707	56	2055	1.642	ug/l #	36
36) 1,1-Dichloropropene	7.713	75	8400	5.938	ug/l #	50
37) Ethyl Acetate	6.890	43	636	1.364	ug/l #	1
38) Carbon Tetrachloride	7.713	117	12060	5.177	ug/l #	17
51) 4-Methyl-2-Pentanone	10.006	43	965	2.018	ug/l	92
76) 1,2,3-Trichloropropane	12.408	75	39866	85.776	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	39866	169.546	ug/l #	8

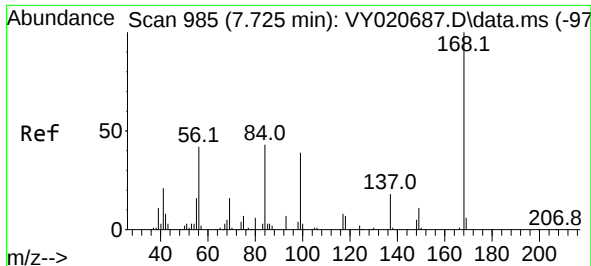
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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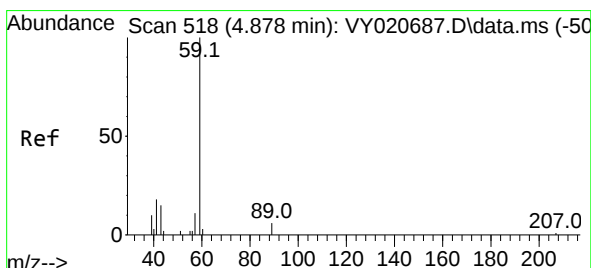
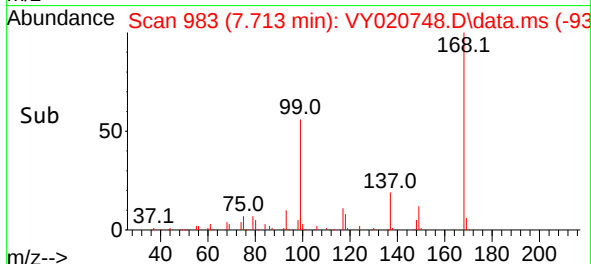
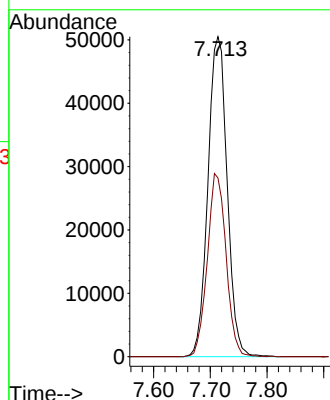
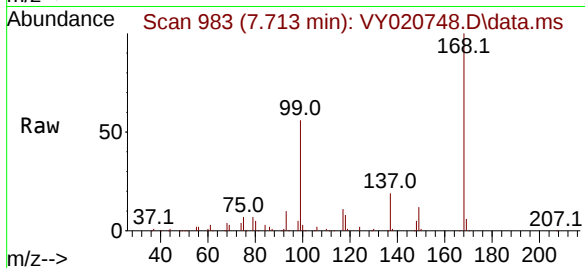




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020748.D
Acq: 27 Dec 2024 18:41

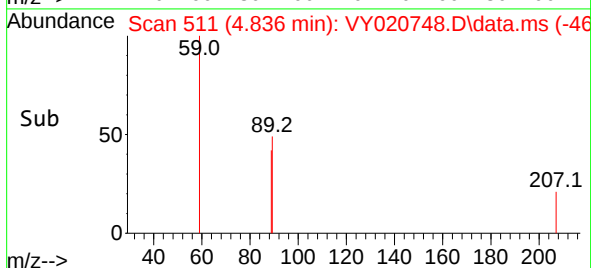
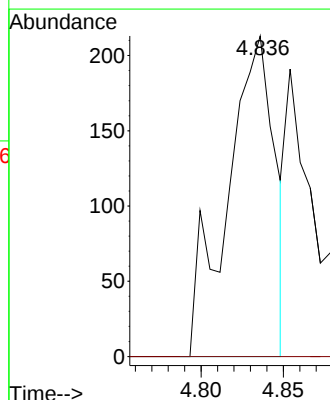
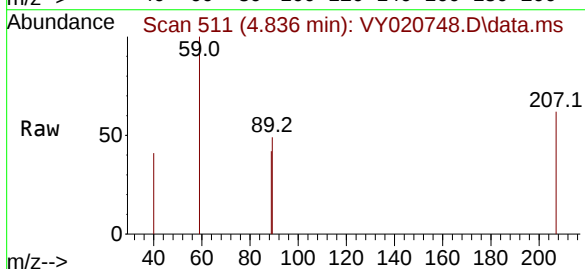
Instrument :
MSVOA_Y
ClientSampleId :

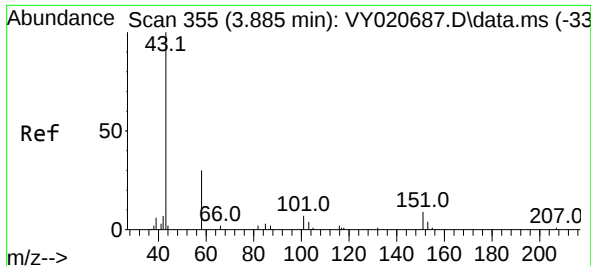
Tgt Ion:168 Resp: 118941
Ion Ratio Lower Upper
168 100
99 55.9 43.8 65.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.836 min Scan# 511
Delta R.T. -0.042 min
Lab File: VY020748.D
Acq: 27 Dec 2024 18:41

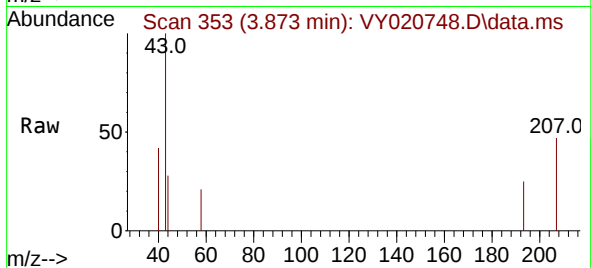
Tgt Ion: 59 Resp: 427
Ion Ratio Lower Upper
59 100
57 0.0 2.8 4.2#



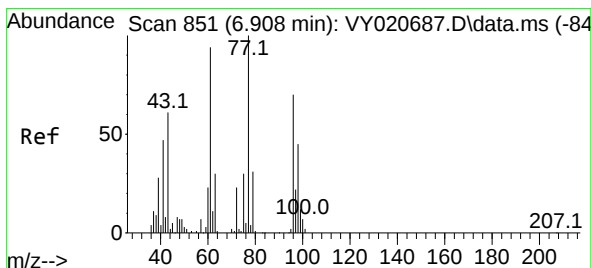
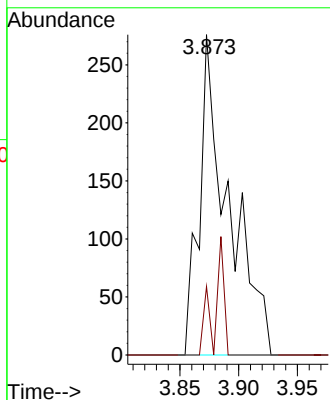
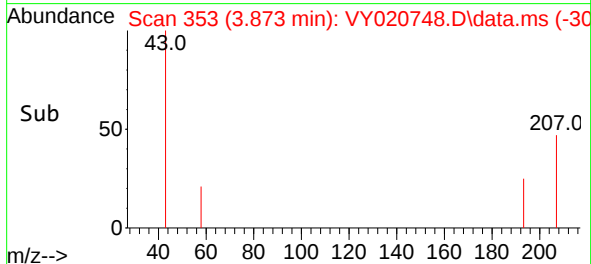


#16
Acetone
Concen: 3.876 ug/l
RT: 3.873 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY020748.D
Acq: 27 Dec 2024 18:41

Instrument :
MSVOA_Y
ClientSampleId :

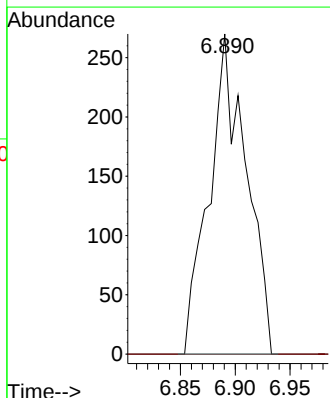
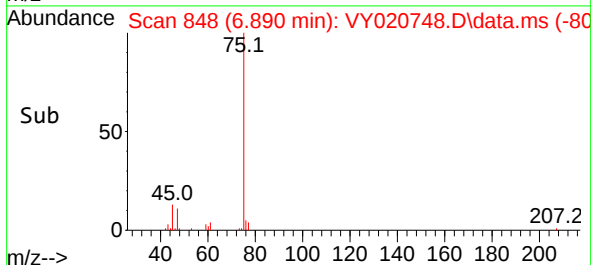
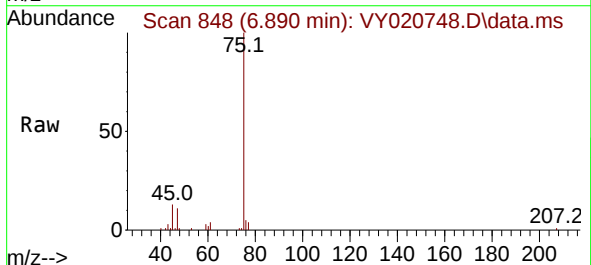


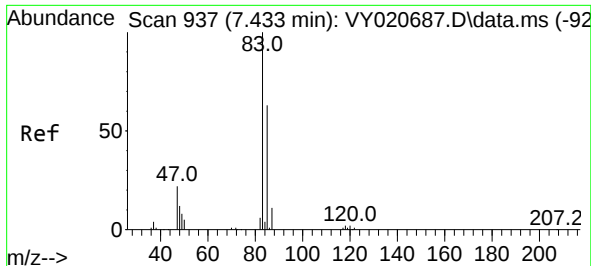
Tgt Ion: 43 Resp: 479
Ion Ratio Lower Upper
43 100
58 21.4 25.0 37.6#



#25
2-Butanone
Concen: 3.809 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.018 min
Lab File: VY020748.D
Acq: 27 Dec 2024 18:41

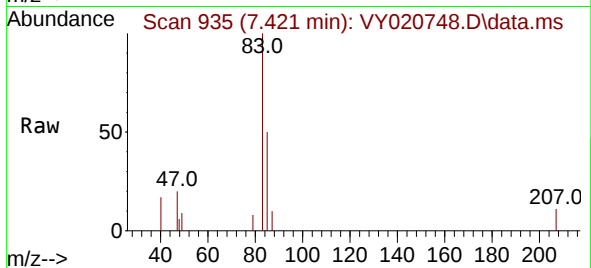
Tgt Ion: 43 Resp: 636
Ion Ratio Lower Upper
43 100
72 0.0 29.5 44.3#



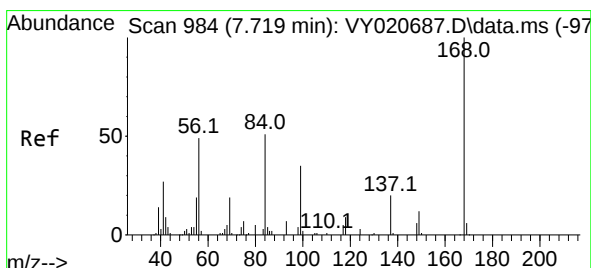
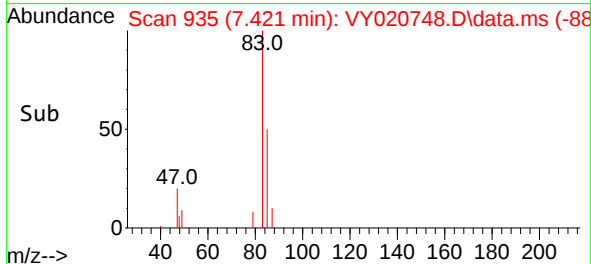
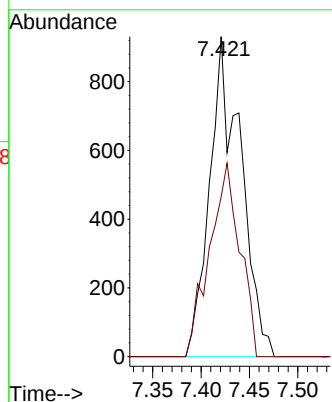


#30
Chloroform
Concen: 1.121 ug/l
RT: 7.421 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020748.D
Acq: 27 Dec 2024 18:41

Instrument :
MSVOA_Y
ClientSampleId :

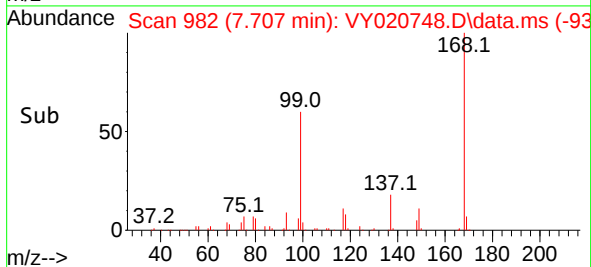
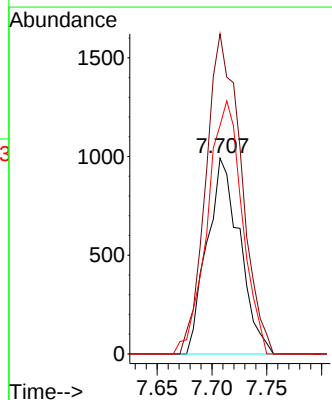
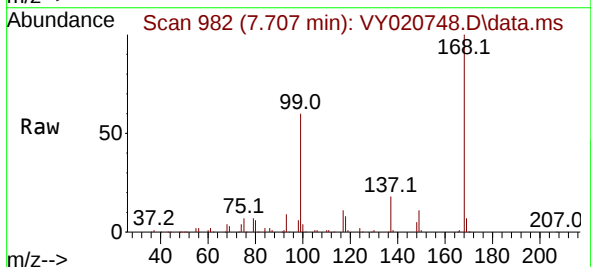


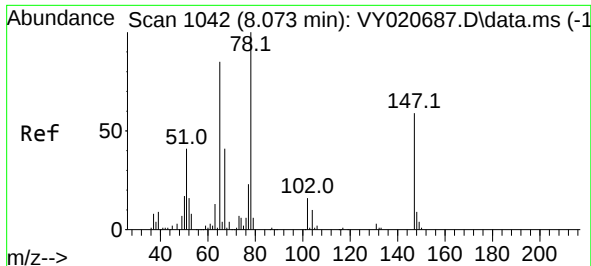
Tgt Ion: 83 Resp: 2091
Ion Ratio Lower Upper
83 100
85 49.9 50.2 75.2#



#31
Cyclohexane
Concen: 1.642 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.012 min
Lab File: VY020748.D
Acq: 27 Dec 2024 18:41

Tgt Ion: 56 Resp: 2055
Ion Ratio Lower Upper
56 100
69 163.6 31.3 46.9#
84 116.8 83.9 125.9





#33

1,2-Dichloroethane-d4

Concen: 64.673 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VY020748.D

Acq: 27 Dec 2024 18:41

Instrument :

MSVOA_Y

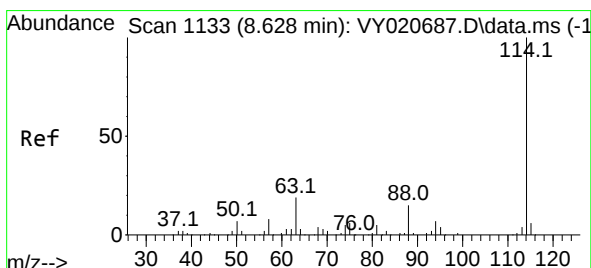
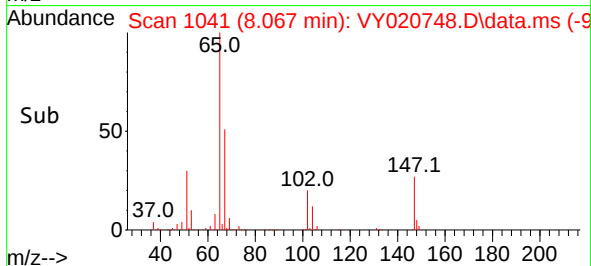
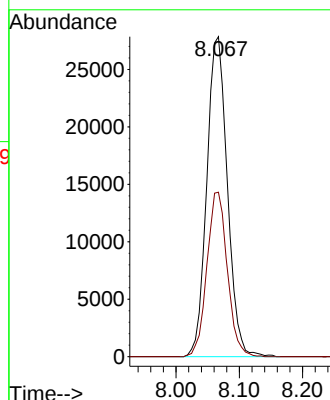
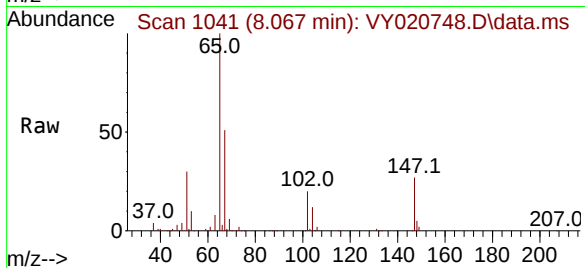
ClientSampleId :

Tgt Ion: 65 Resp: 63007

Ion Ratio Lower Upper

65 100

67 50.9 0.0 98.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.012 min

Lab File: VY020748.D

Acq: 27 Dec 2024 18:41

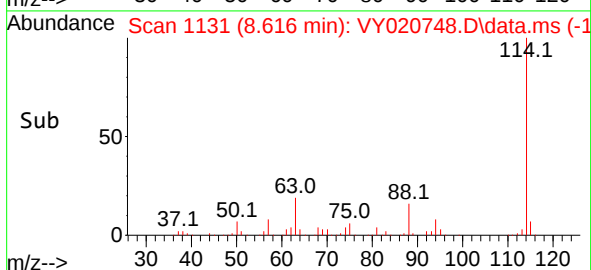
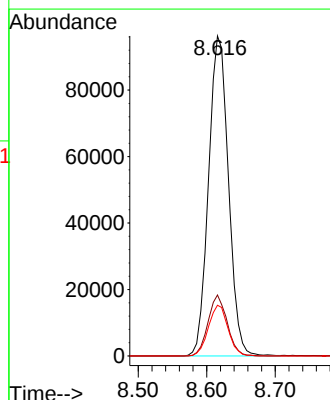
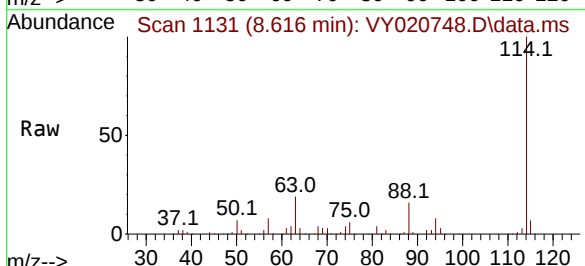
Tgt Ion: 114 Resp: 194423

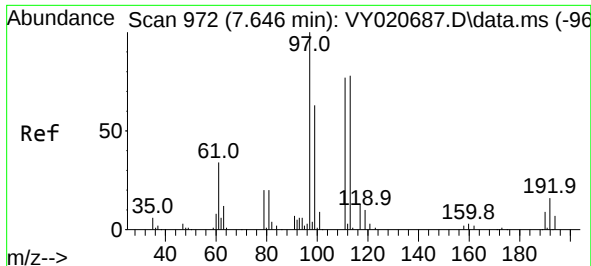
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 56.717 ug/l

RT: 7.640 min Scan# 91

Delta R.T. -0.006 min

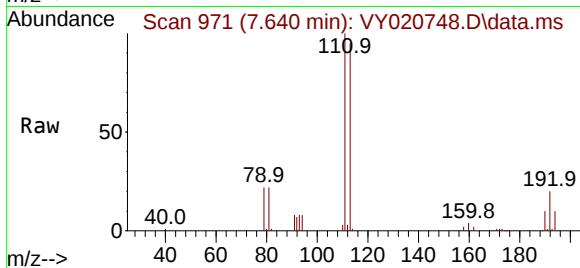
Lab File: VY020748.D

Acq: 27 Dec 2024 18:41

Instrument :

MSVOA_Y

ClientSampleId :



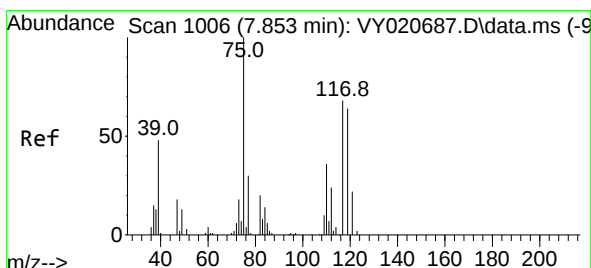
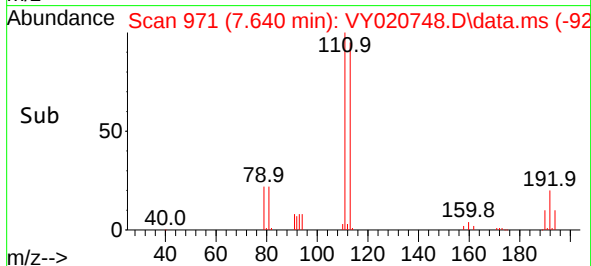
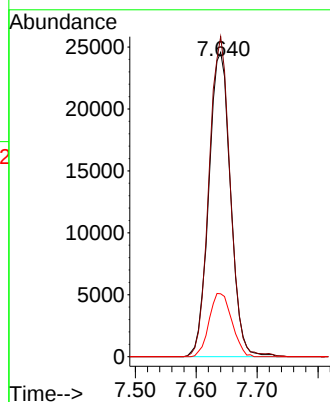
Tgt Ion:113 Resp: 60739

Ion Ratio Lower Upper

113 100

111 102.6 79.8 119.8

192 21.7 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.938 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.140 min

Lab File: VY020748.D

Acq: 27 Dec 2024 18:41

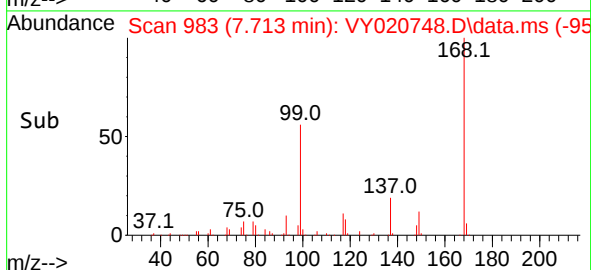
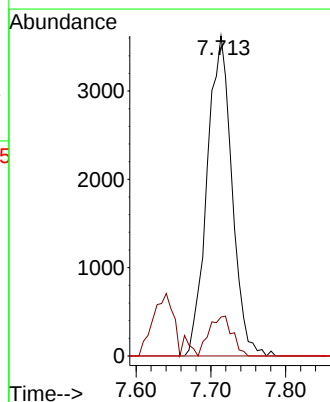
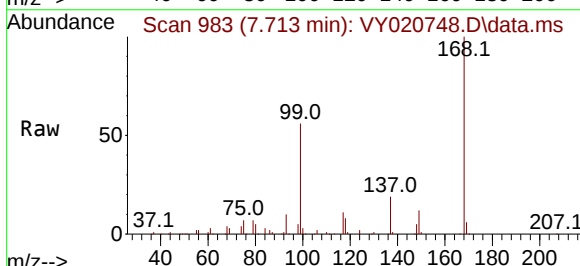
Tgt Ion: 75 Resp: 8400

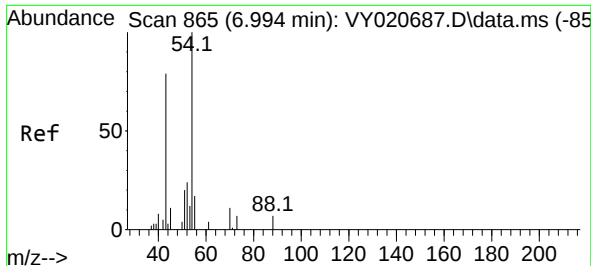
Ion Ratio Lower Upper

75 100

110 11.6 19.6 58.7#

77 0.0 25.1 37.7#





#37

Ethyl Acetate

Concen: 1.364 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.104 min

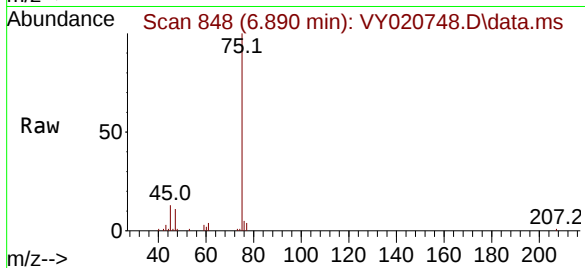
Lab File: VY020748.D

Acq: 27 Dec 2024 18:41

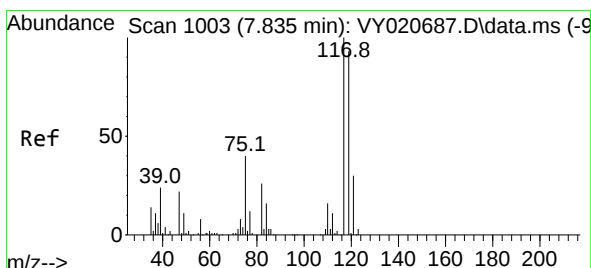
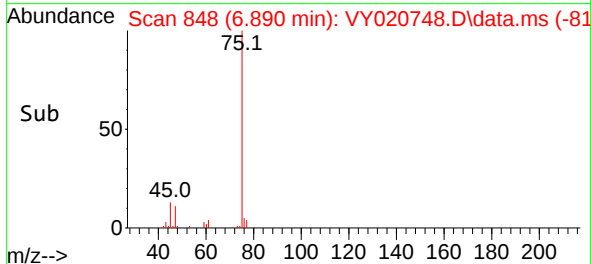
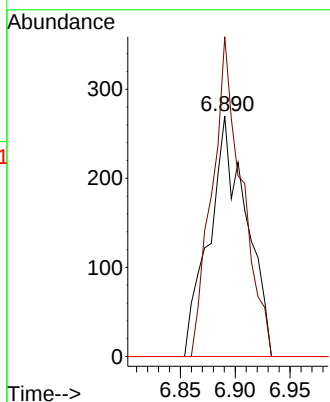
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	636
Ion	Ratio	Lower	Upper
43	100		
61	107.2	11.7	17.5#
70	0.0	11.0	16.4#



#38

Carbon Tetrachloride

Concen: 5.177 ug/l

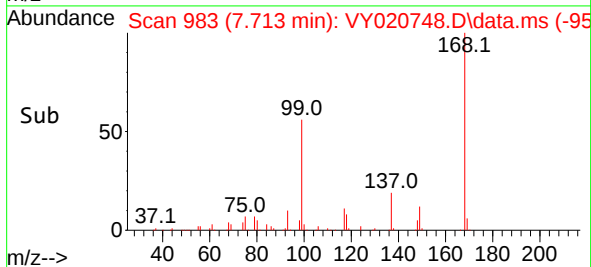
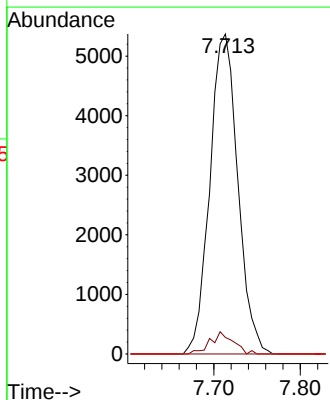
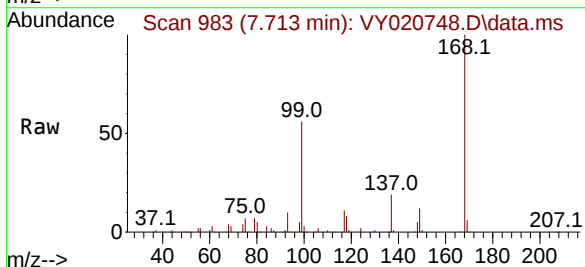
RT: 7.713 min Scan# 983

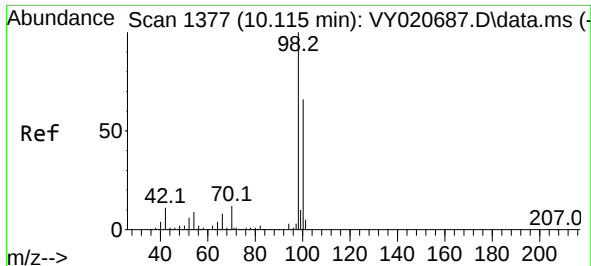
Delta R.T. -0.122 min

Lab File: VY020748.D

Acq: 27 Dec 2024 18:41

Tgt Ion:	117	Resp:	12060
Ion	Ratio	Lower	Upper
117	100		
119	5.1	74.4	111.6#
121	0.0	24.2	36.2#

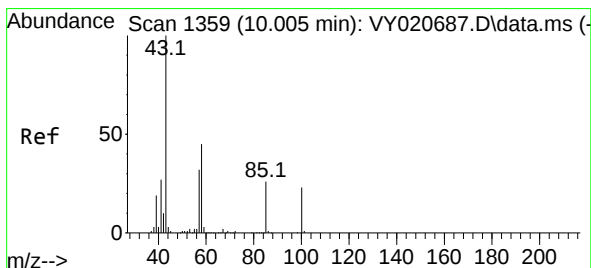
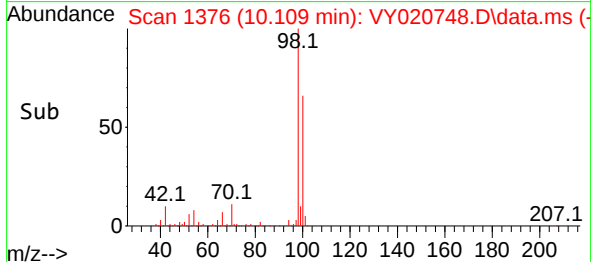
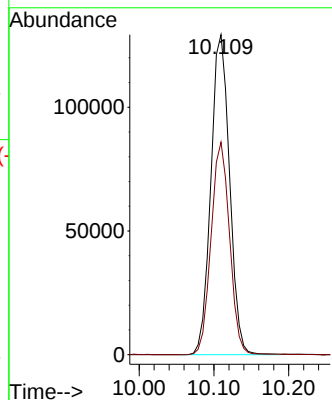
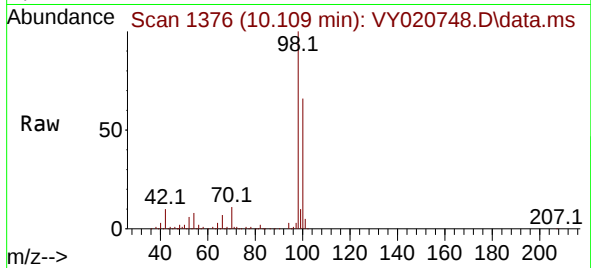




#50
Toluene-d8
Concen: 52.687 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020748.D
Acq: 27 Dec 2024 18:41

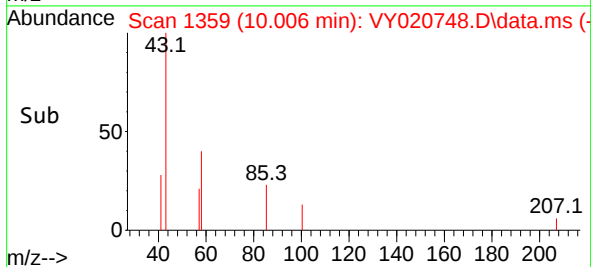
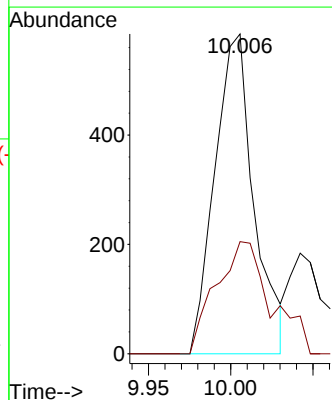
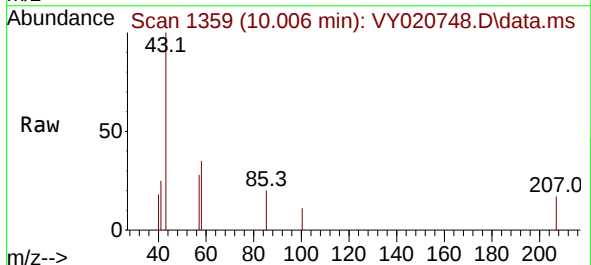
Instrument :
MSVOA_Y
ClientSampleId :

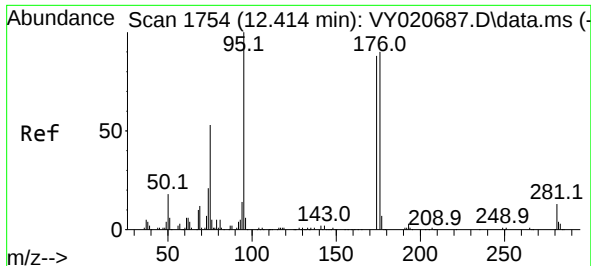
Tgt Ion: 98 Resp: 224782
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 2.018 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.001 min
Lab File: VY020748.D
Acq: 27 Dec 2024 18:41

Tgt Ion: 43 Resp: 965
Ion Ratio Lower Upper
43 100
58 49.3 35.1 52.7





#62

4-Bromofluorobenzene

Concen: 50.670 ug/l

RT: 12.408 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY020748.D

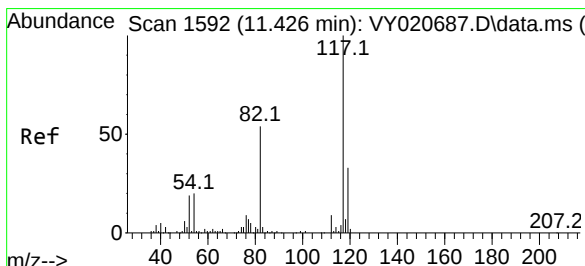
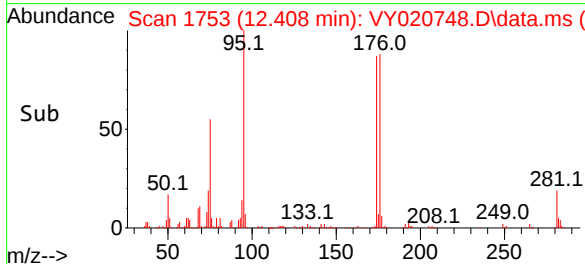
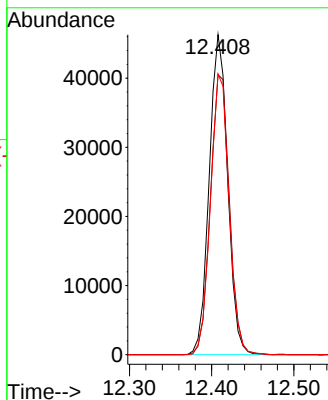
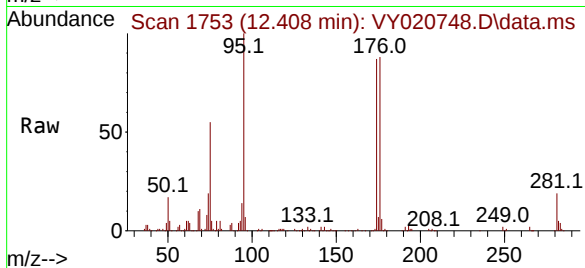
Acq: 27 Dec 2024 18:41

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	95	Resp:	72114
Ion	Ratio	Lower	Upper
95	100		
174	90.2	0.0	179.2
176	88.3	0.0	179.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

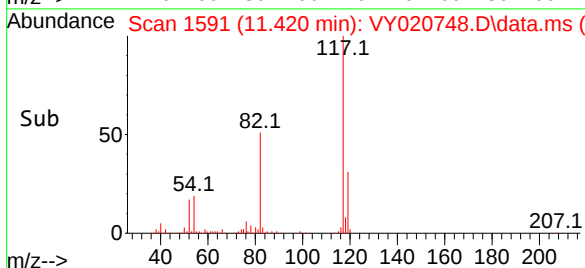
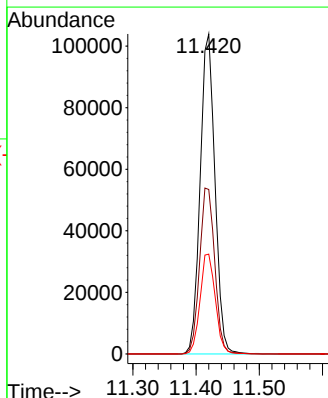
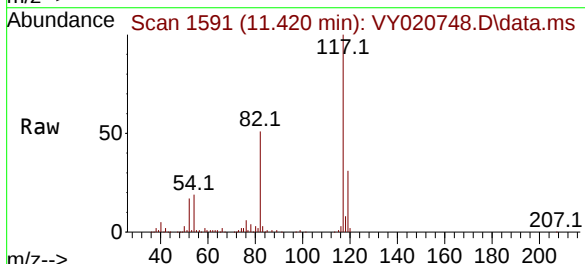
RT: 11.420 min Scan# 1591

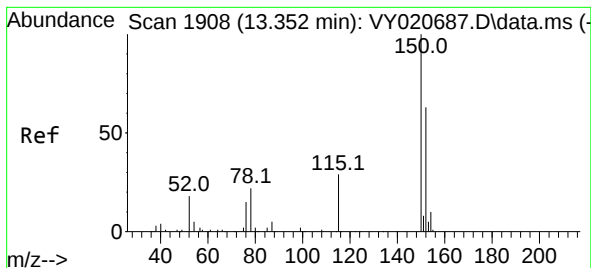
Delta R.T. -0.006 min

Lab File: VY020748.D

Acq: 27 Dec 2024 18:41

Tgt Ion:	117	Resp:	169474
Ion	Ratio	Lower	Upper
117	100		
82	51.4	43.4	65.2
119	31.2	26.6	39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1908

Delta R.T. -0.005 min

Lab File: VY020748.D

Acq: 27 Dec 2024 18:41

Instrument :

MSVOA_Y

ClientSampleId :

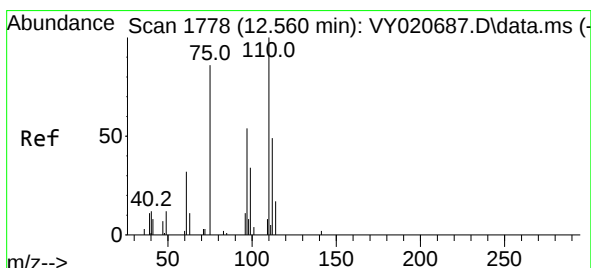
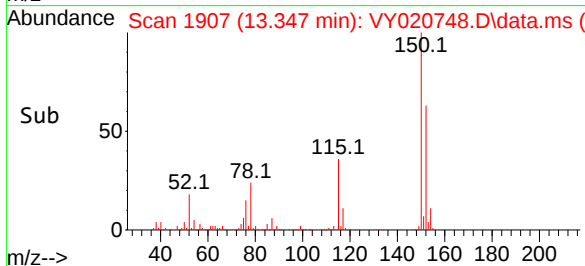
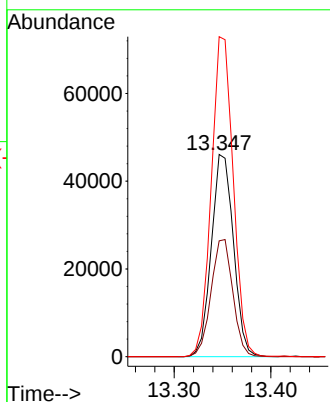
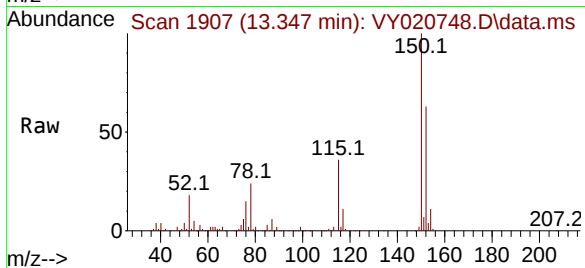
Tgt Ion:152 Resp: 73075

Ion Ratio Lower Upper

152 100

115 57.1 30.3 90.9

150 156.8 0.0 349.0



#76

1,2,3-Trichloropropane

Concen: 85.776 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY020748.D

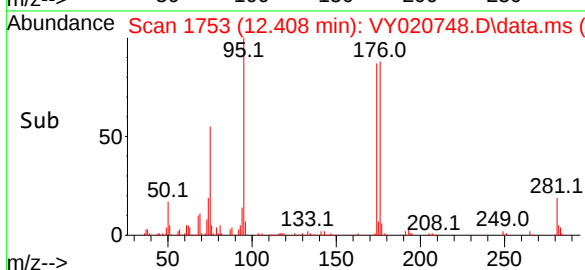
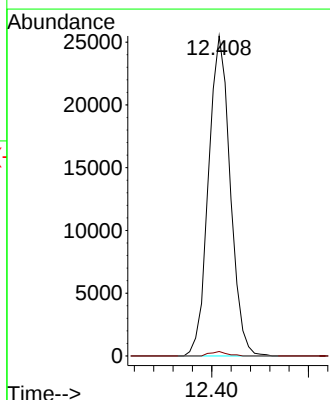
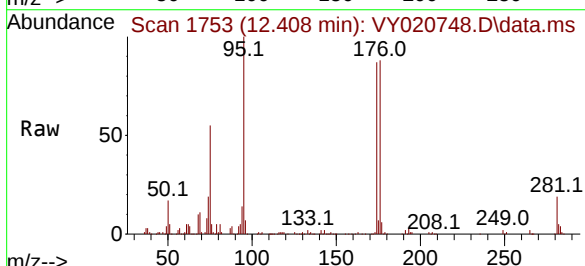
Acq: 27 Dec 2024 18:41

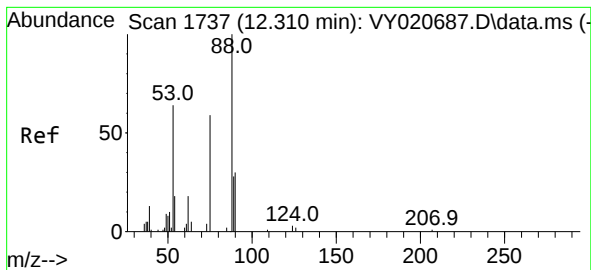
Tgt Ion: 75 Resp: 39866

Ion Ratio Lower Upper

75 100

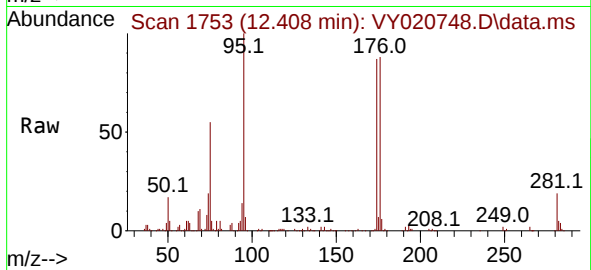
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 169.546 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY020748.D
 Acq: 27 Dec 2024 18:41

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.1	124.7#
89	0.3	40.6	61.0#

