

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122724\
 Data File : VY020735.D
 Acq On : 27 Dec 2024 13:18
 Operator : SY/MD
 Sample : P5382-03
 Misc : 5.69g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 28 03:02:24 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	107608	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.616	114	174360	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.420	117	145577	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	55916	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	54118	61.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.800%
35) Dibromofluoromethane	7.640	113	55015	57.283	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.560%
50) Toluene-d8	10.109	98	201262	52.605	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.220%
62) 4-Bromofluorobenzene	12.408	95	59987	46.999	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	94.000%

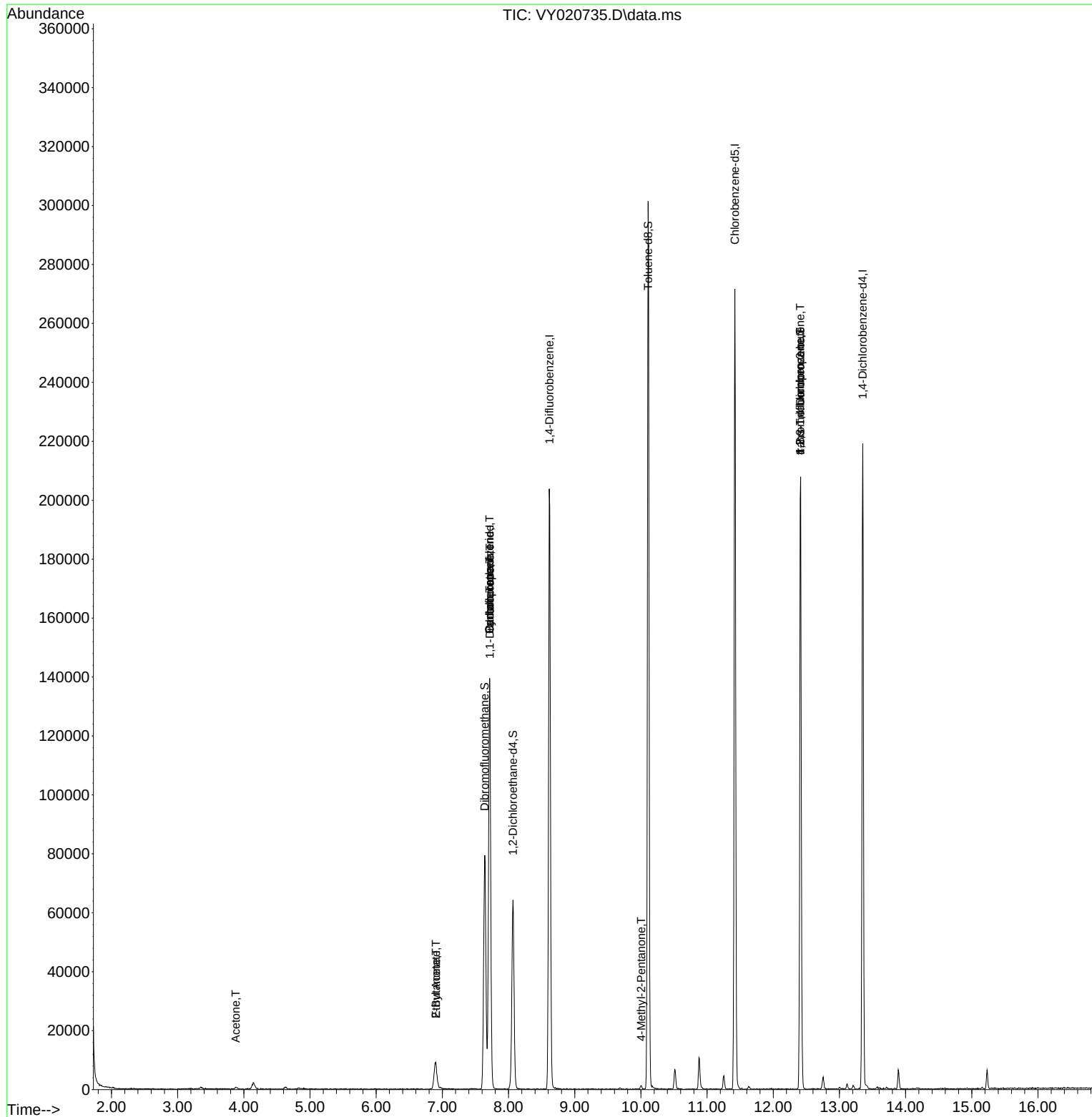
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.884	59	416	Below Cal	#	89
16) Acetone	3.879	43	1011	9.042	ug/l #	83
25) 2-Butanone	6.902	43	562	3.721	ug/l #	38
31) Cyclohexane	7.713	56	2000	1.766	ug/l #	43
36) 1,1-Dichloropropene	7.719	75	7358	5.800	ug/l #	50
37) Ethyl Acetate	6.902	43	562	1.344	ug/l #	21
38) Carbon Tetrachloride	7.713	117	11374	5.445	ug/l #	17
51) 4-Methyl-2-Pentanone	10.006	43	755	1.760	ug/l	95
76) 1,2,3-Trichloropropane	12.408	75	34181	96.113	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	34181	189.978	ug/l #	8

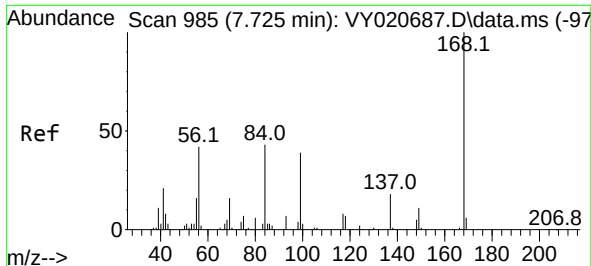
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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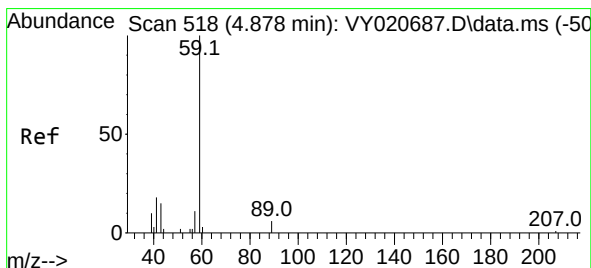
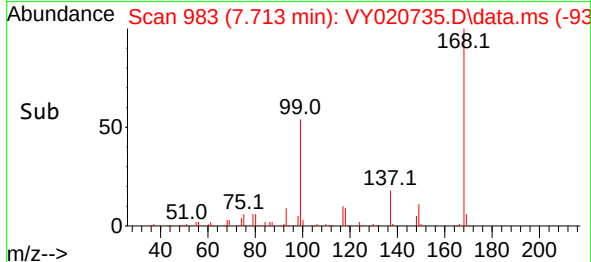
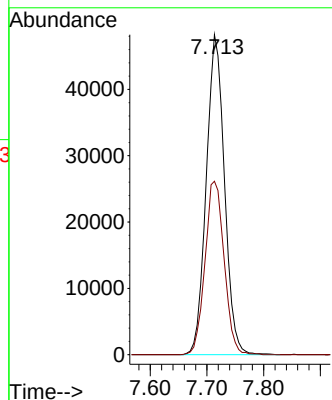
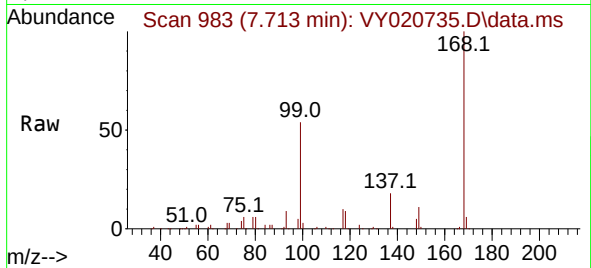




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY020735.D
Acq: 27 Dec 2024 13:18

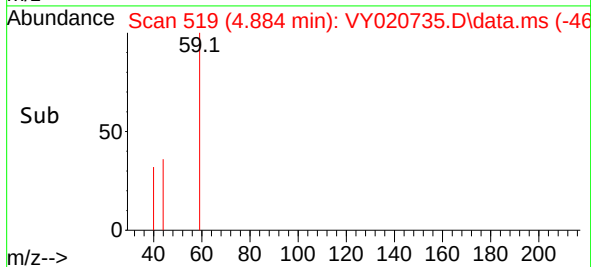
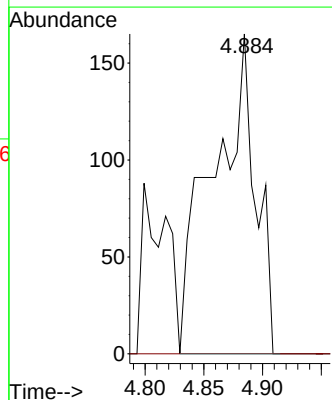
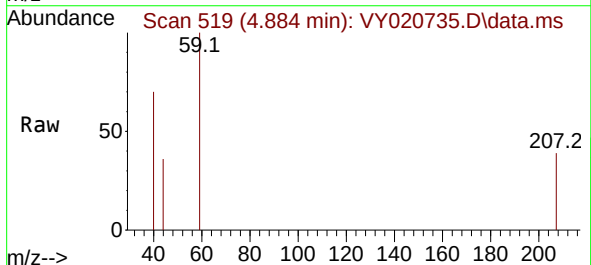
Instrument :
MSVOA_Y
ClientSampleId :

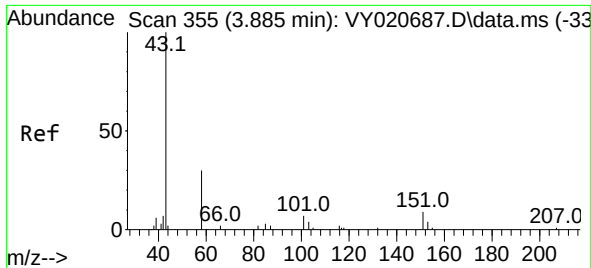
Tgt Ion:168 Resp: 107608
Ion Ratio Lower Upper
168 100
99 54.2 43.8 65.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.884 min Scan# 519
Delta R.T. 0.006 min
Lab File: VY020735.D
Acq: 27 Dec 2024 13:18

Tgt Ion: 59 Resp: 416
Ion Ratio Lower Upper
59 100
57 0.0 2.8 4.2#





#16

Acetone

Concen: 9.042 ug/l

RT: 3.879 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY020735.D

Acq: 27 Dec 2024 13:18

Instrument :

MSVOA_Y

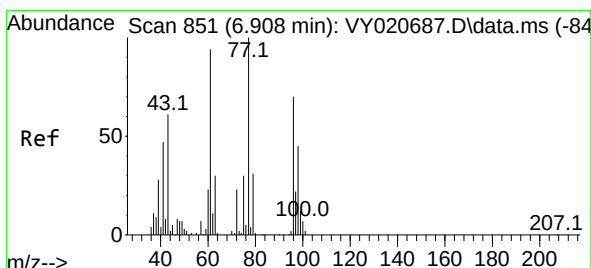
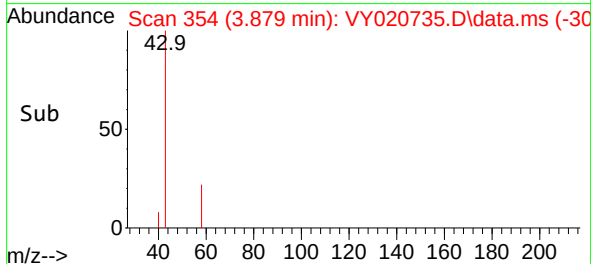
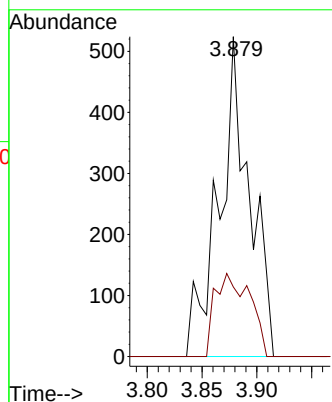
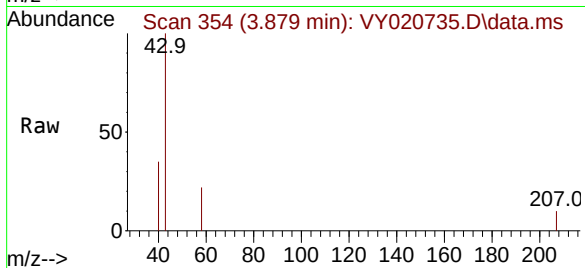
ClientSampleId :

Tgt Ion: 43 Resp: 1011

Ion Ratio Lower Upper

43 100

58 21.8 25.0 37.6#



#25

2-Butanone

Concen: 3.721 ug/l

RT: 6.902 min Scan# 850

Delta R.T. -0.006 min

Lab File: VY020735.D

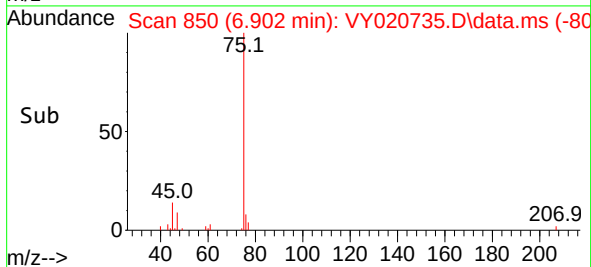
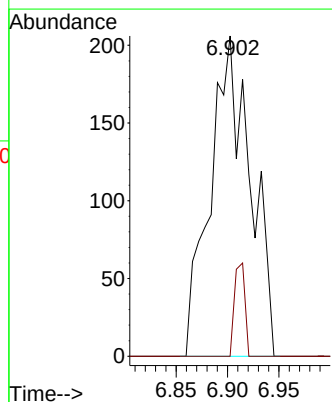
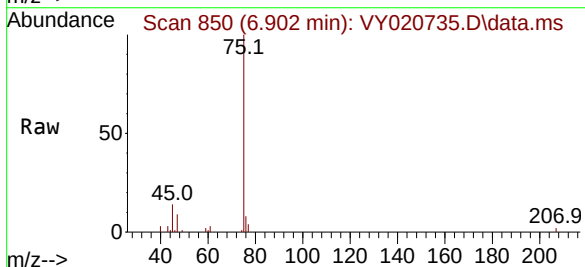
Acq: 27 Dec 2024 13:18

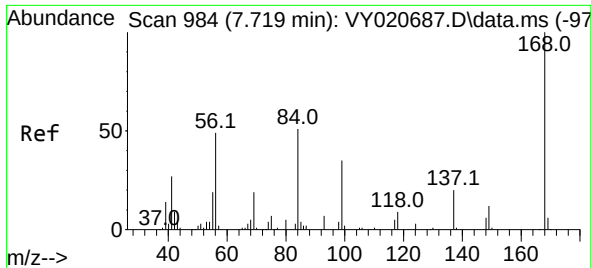
Tgt Ion: 43 Resp: 562

Ion Ratio Lower Upper

43 100

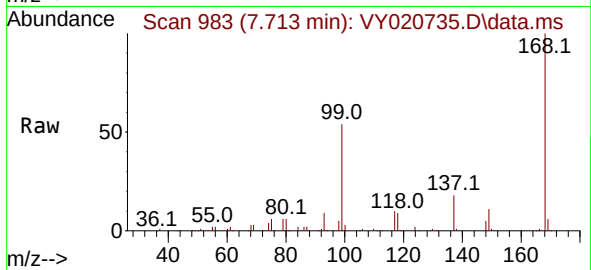
72 0.0 29.5 44.3#



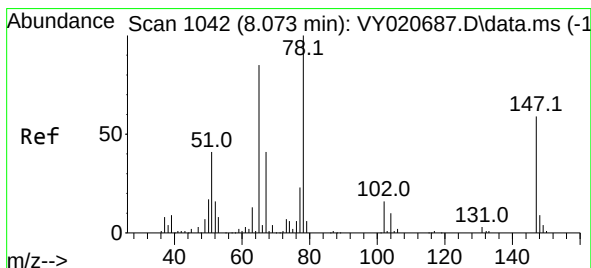
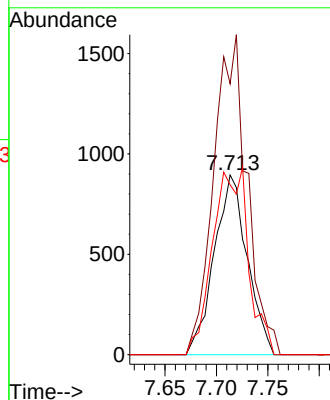
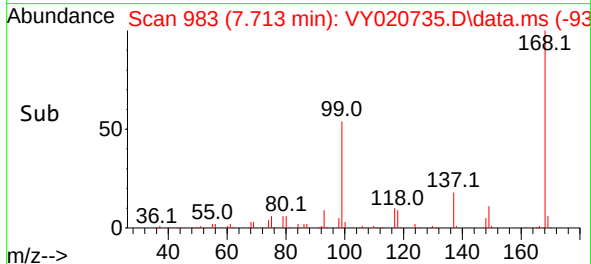


#31
Cyclohexane
Concen: 1.766 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY020735.D
Acq: 27 Dec 2024 13:18

Instrument :
MSVOA_Y
ClientSampleId :

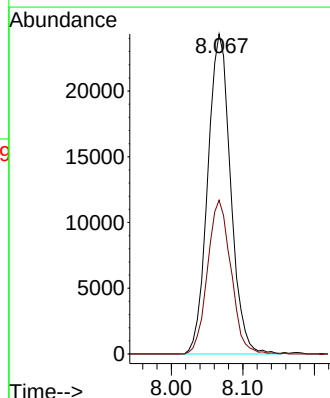
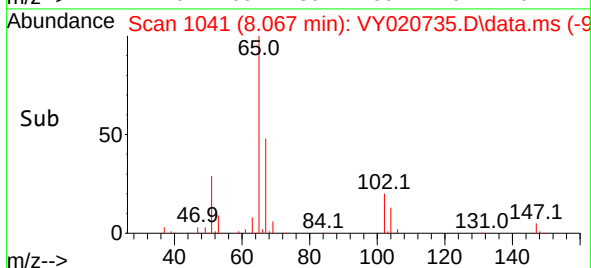
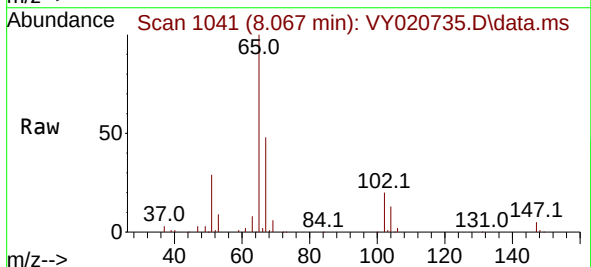


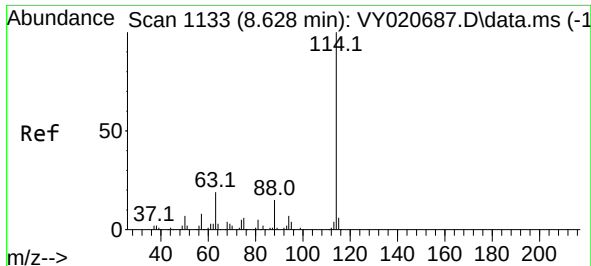
Tgt Ion: 56 Resp: 2000
Ion Ratio Lower Upper
56 100
69 150.7 31.3 46.9#
84 94.5 83.9 125.9



#33
1,2-Dichloroethane-d4
Concen: 61.400 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VY020735.D
Acq: 27 Dec 2024 13:18

Tgt Ion: 65 Resp: 54118
Ion Ratio Lower Upper
65 100
67 49.1 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1133

Delta R.T. -0.012 min

Lab File: VY020735.D

Acq: 27 Dec 2024 13:18

Instrument :

MSVOA_Y

ClientSampleId :

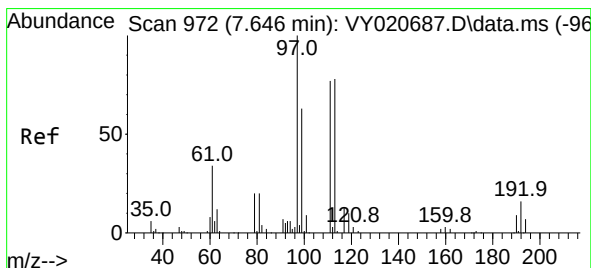
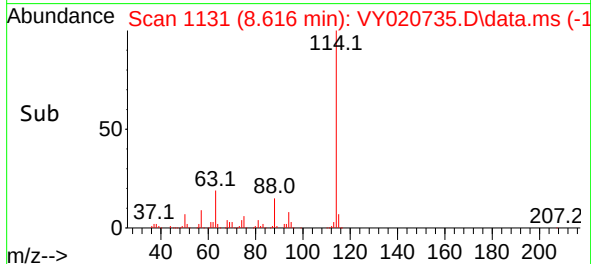
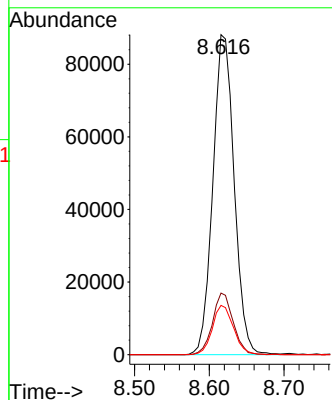
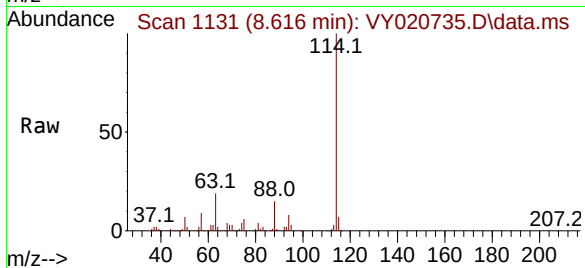
Tgt Ion:114 Resp: 174360

Ion Ratio Lower Upper

114 100

63 19.3 0.0 38.4

88 15.4 0.0 30.4



#35

Dibromofluoromethane

Concen: 57.283 ug/l

RT: 7.640 min Scan# 971

Delta R.T. -0.006 min

Lab File: VY020735.D

Acq: 27 Dec 2024 13:18

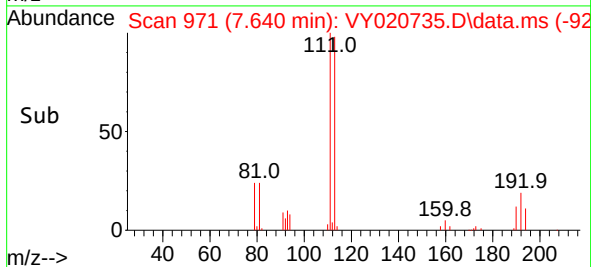
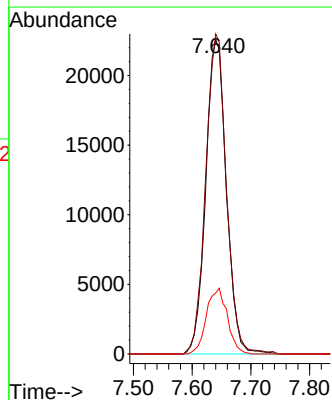
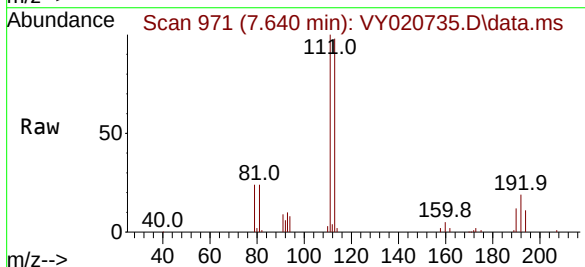
Tgt Ion:113 Resp: 55015

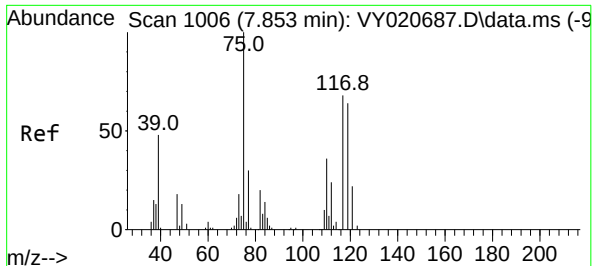
Ion Ratio Lower Upper

113 100

111 102.4 79.8 119.8

192 21.2 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.800 ug/l

RT: 7.719 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY020735.D

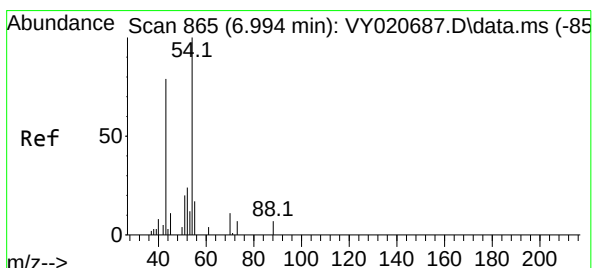
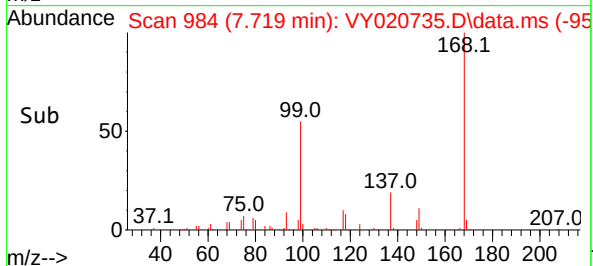
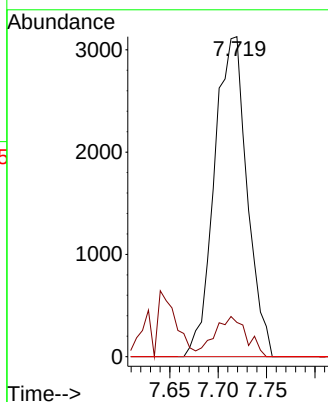
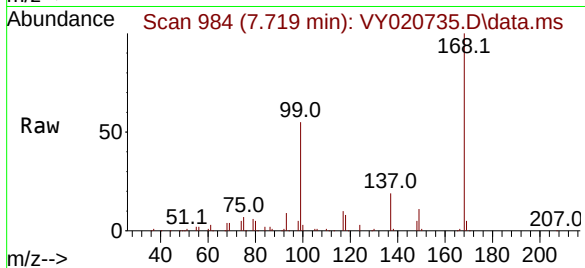
Acq: 27 Dec 2024 13:18

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	7358
Ion	Ratio	Lower	Upper
75	100		
110	12.3	19.6	58.7#
77	0.0	25.1	37.7#



#37

Ethyl Acetate

Concen: 1.344 ug/l

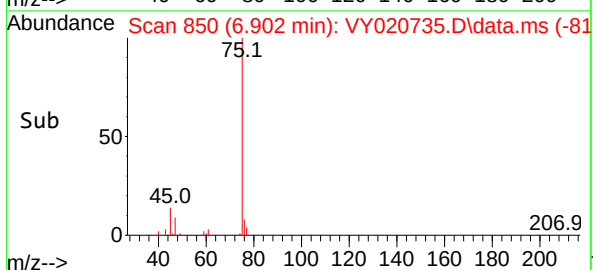
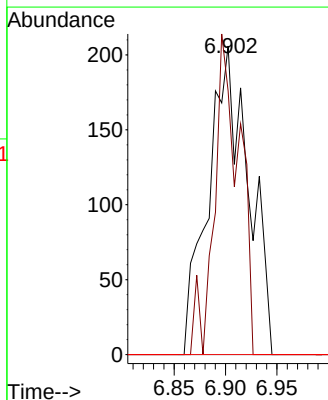
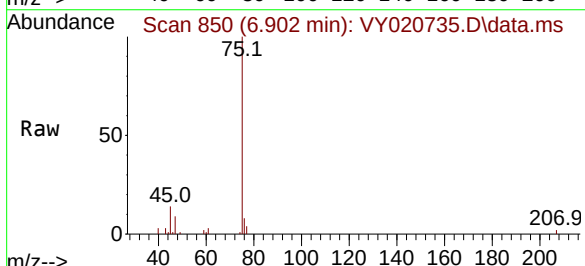
RT: 6.902 min Scan# 850

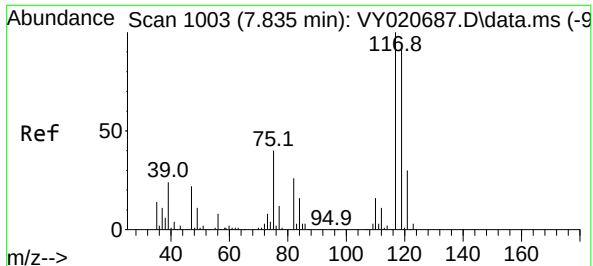
Delta R.T. -0.092 min

Lab File: VY020735.D

Acq: 27 Dec 2024 13:18

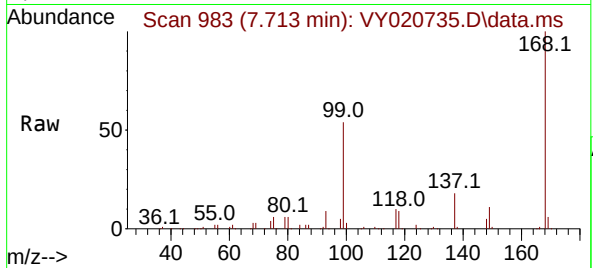
Tgt Ion:	43	Resp:	562
Ion	Ratio	Lower	Upper
43	100		
61	64.9	11.7	17.5#
70	0.0	11.0	16.4#



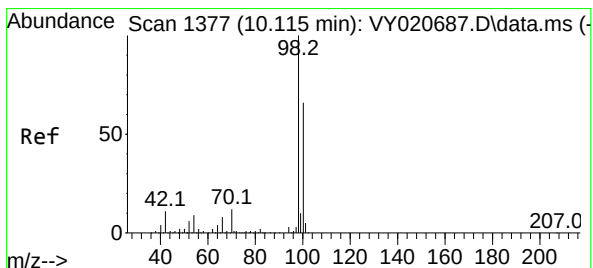
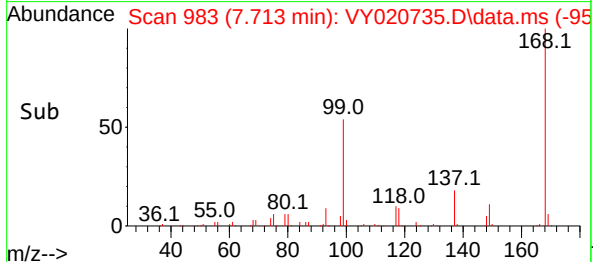
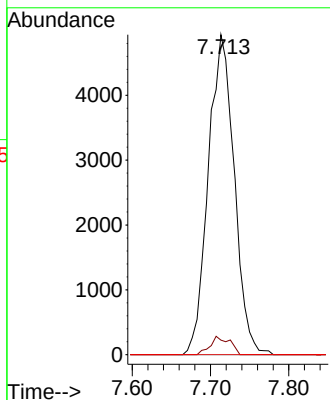


#38
Carbon Tetrachloride
Concen: 5.445 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY020735.D
Acq: 27 Dec 2024 13:18

Instrument :
MSVOA_Y
ClientSampleId :

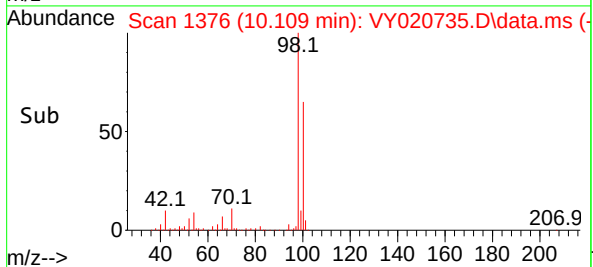
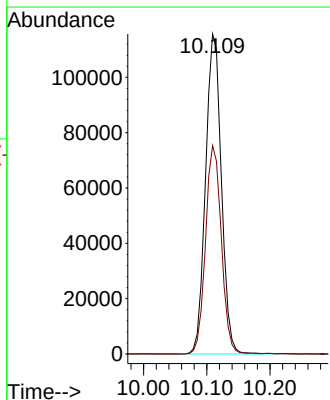
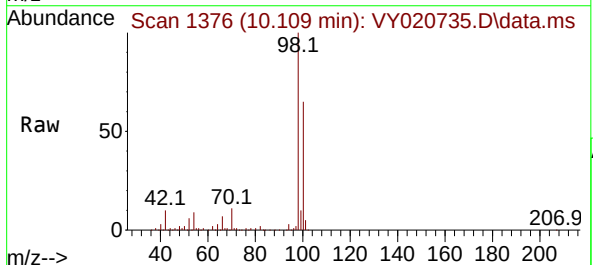


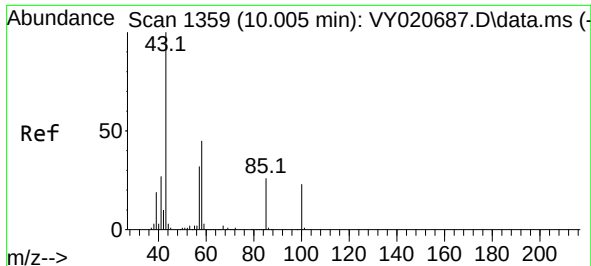
Tgt Ion:117 Resp: 11374
Ion Ratio Lower Upper
117 100
119 4.5 74.4 111.6#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 52.605 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY020735.D
Acq: 27 Dec 2024 13:18

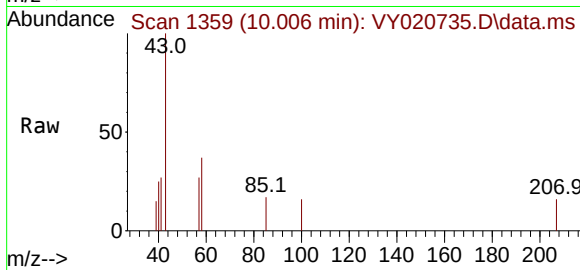
Tgt Ion: 98 Resp: 201262
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



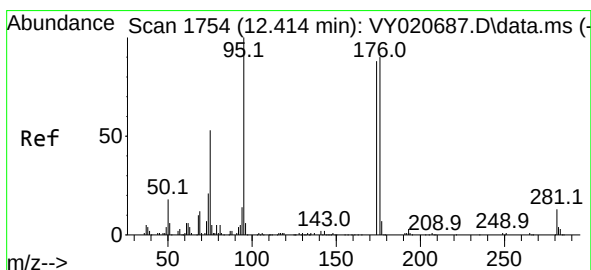
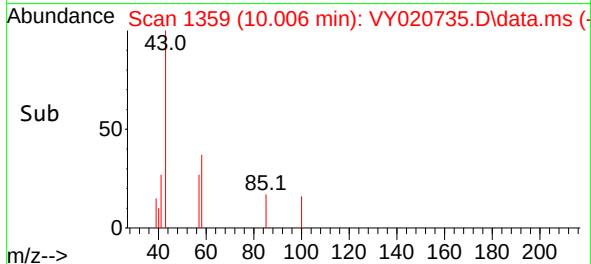
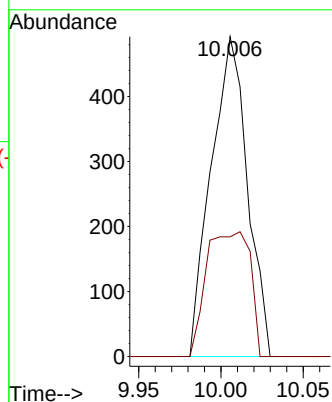


#51
4-Methyl-2-Pentanone
Concen: 1.760 ug/l
RT: 10.006 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VY020735.D
Acq: 27 Dec 2024 13:18

Instrument :
MSVOA_Y
ClientSampleId :

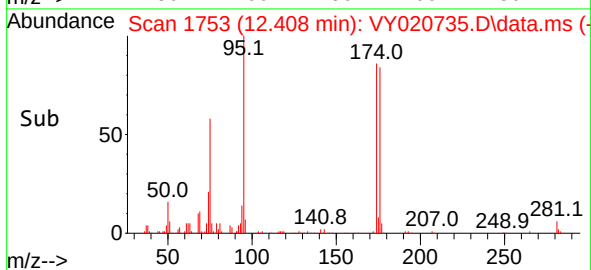
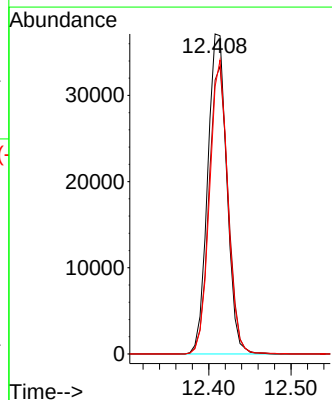
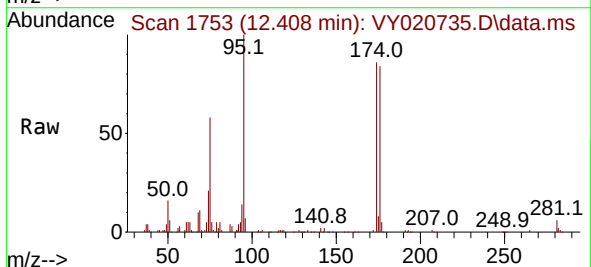


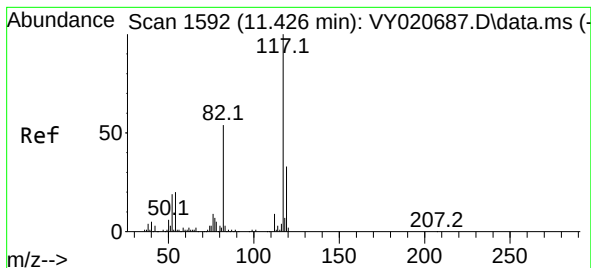
Tgt Ion: 43 Resp: 755
Ion Ratio Lower Upper
43 100
58 47.0 35.1 52.7



#62
4-Bromofluorobenzene
Concen: 46.999 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.006 min
Lab File: VY020735.D
Acq: 27 Dec 2024 13:18

Tgt Ion: 95 Resp: 59987
Ion Ratio Lower Upper
95 100
174 90.0 0.0 179.2
176 87.8 0.0 179.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020735.D

Acq: 27 Dec 2024 13:18

Instrument :

MSVOA_Y

ClientSampleId :

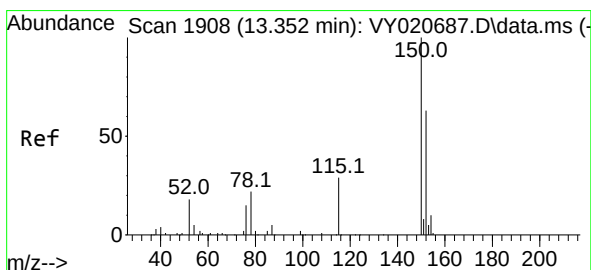
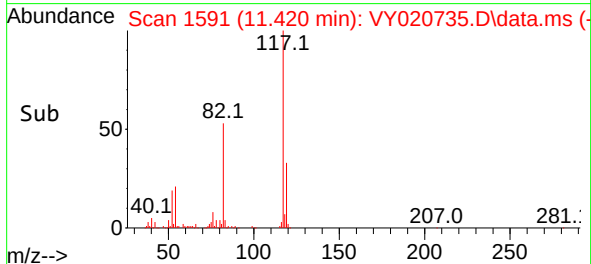
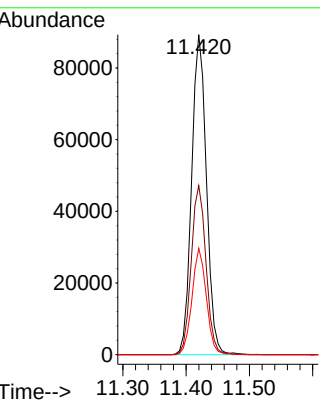
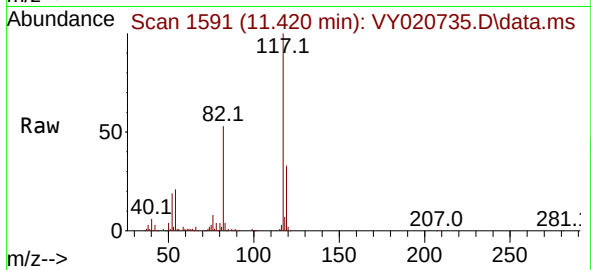
Tgt Ion:117 Resp: 145577

Ion Ratio Lower Upper

117 100

82 52.8 43.4 65.2

119 33.3 26.6 39.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020735.D

Acq: 27 Dec 2024 13:18

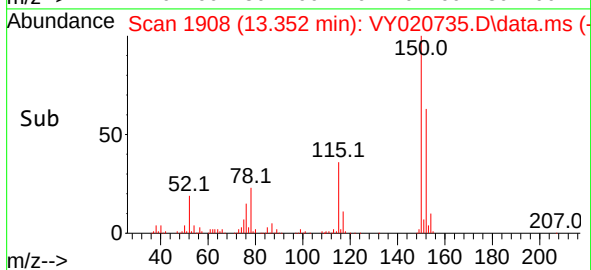
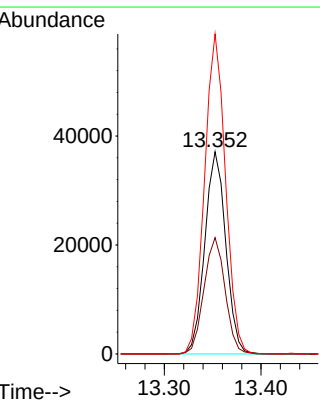
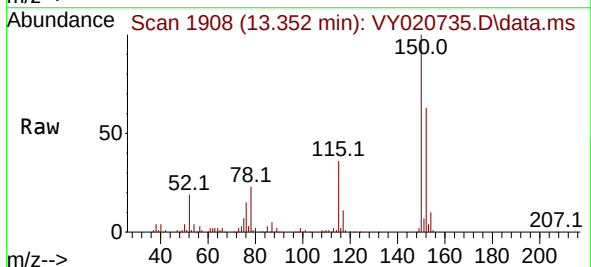
Tgt Ion:152 Resp: 55916

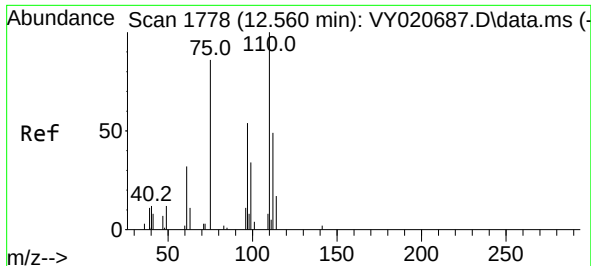
Ion Ratio Lower Upper

152 100

115 57.8 30.3 90.9

150 157.6 0.0 349.0

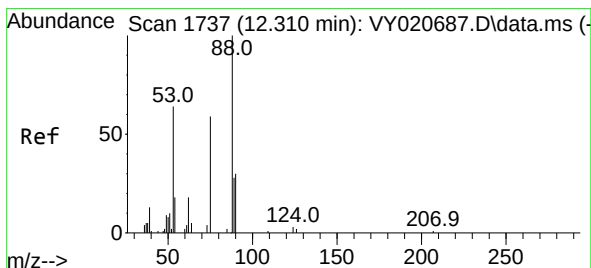
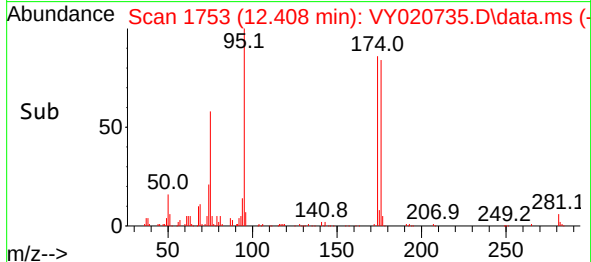
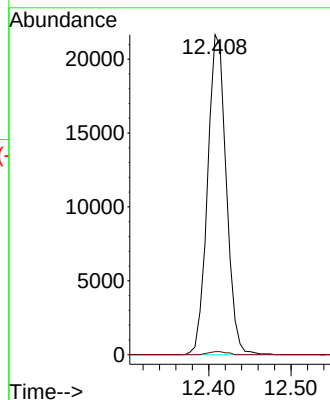
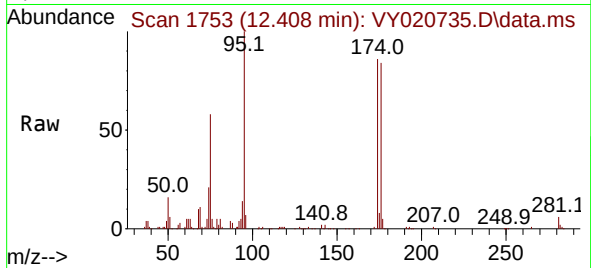




#76
1,2,3-Trichloropropane
Concen: 96.113 ug/l
RT: 12.408 min Scan# 1778
Delta R.T. -0.152 min
Lab File: VY020735.D
Acq: 27 Dec 2024 13:18

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 34181
Ion Ratio Lower Upper
75 100
77 0.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 189.978 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.098 min
Lab File: VY020735.D
Acq: 27 Dec 2024 13:18

Tgt Ion: 75 Resp: 34181
Ion Ratio Lower Upper
75 100
53 0.0 83.1 124.7#
89 0.1 40.6 61.0#

