

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112224\
 Data File : VY020413.D
 Acq On : 22 Nov 2024 15:13
 Operator : SY/MD
 Sample : P4946-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 23 00:01:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 20 04:38:24 2024
 Response via : Initial Calibration

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

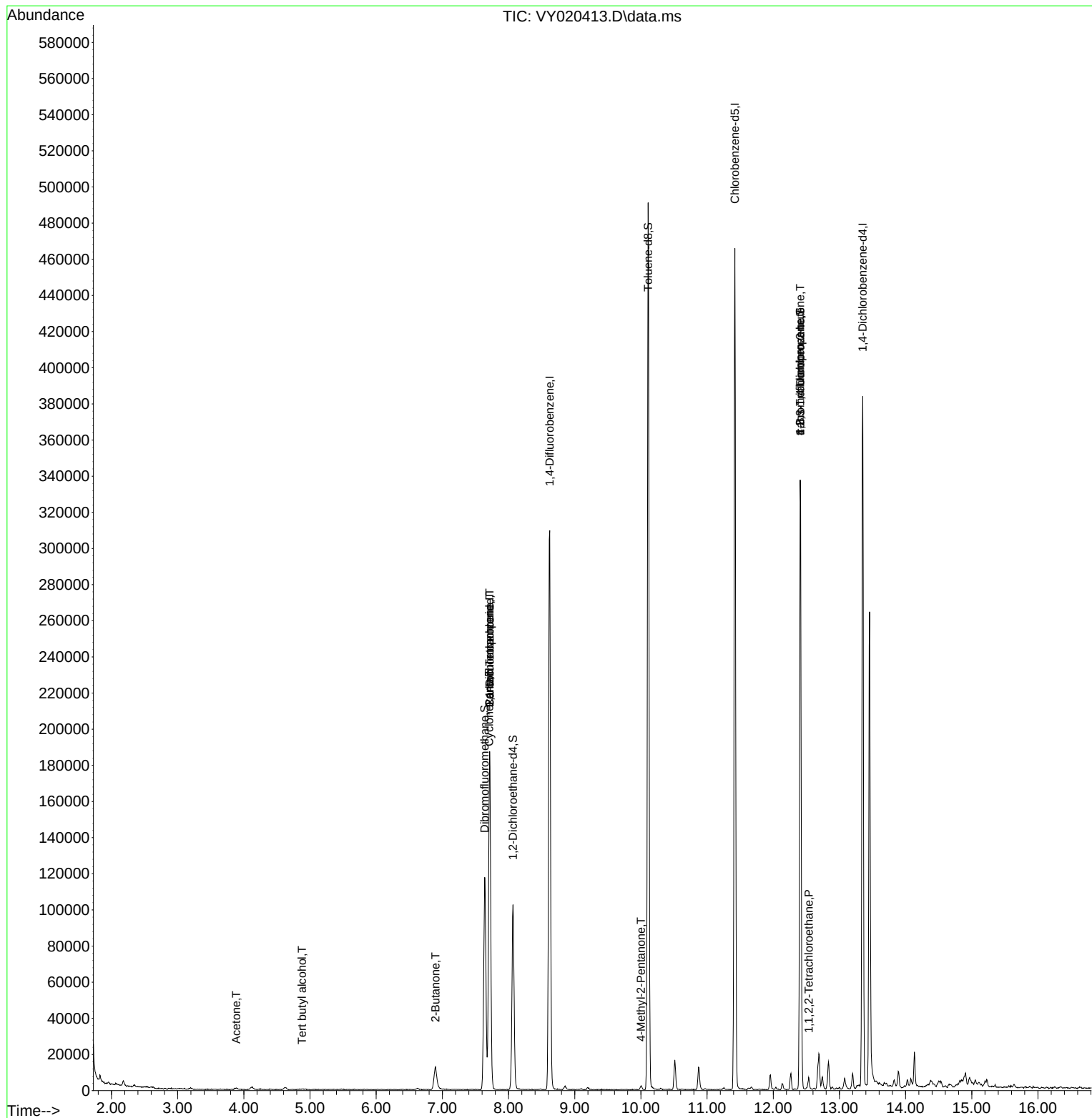
Internal Standards						
1) Pentafluorobenzene	7.713	168	137287	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	258536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	238609	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	94206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	82172	52.098	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.200%
35) Dibromofluoromethane	7.640	113	80043	48.282	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.560%
50) Toluene-d8	10.109	98	310464	47.541	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.408	95	103571	49.335	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	98.680%
Target Compounds						
					Qvalue	
3) Chloromethane	2.068	50	69	Below Cal	#	41
11) Tert butyl alcohol	4.878	59	272	1.560	ug/l #	73
16) Acetone	3.885	43	1652	4.369	ug/l	89
25) 2-Butanone	6.896	43	610	1.253	ug/l #	50
31) Cyclohexane	7.707	56	3100	1.054	ug/l #	13
36) 1,1-Dichloropropene	7.713	75	11515	4.548	ug/l #	51
38) Carbon Tetrachloride	7.713	117	14689	5.556	ug/l #	15
51) 4-Methyl-2-Pentanone	9.999	43	1458	1.274	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.536	83	2619	2.031	ug/l #	25
76) 1,2,3-Trichloropropane	12.408	75	57391	64.635	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	57391	126.650	ug/l #	9

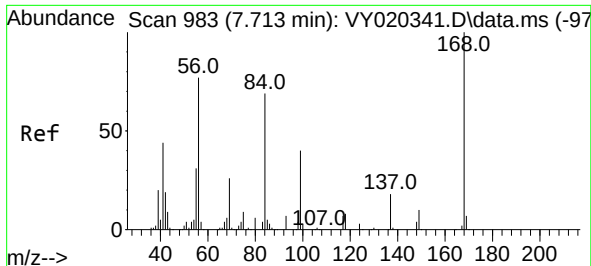
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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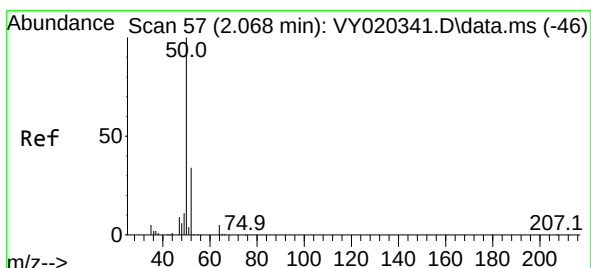
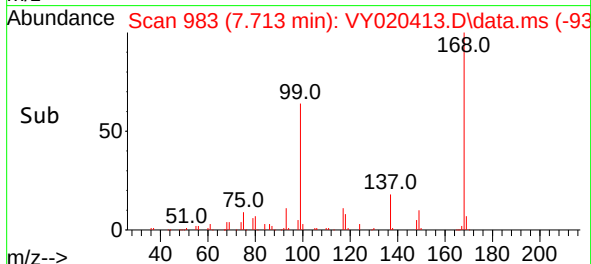
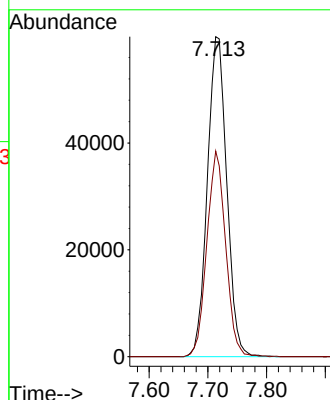
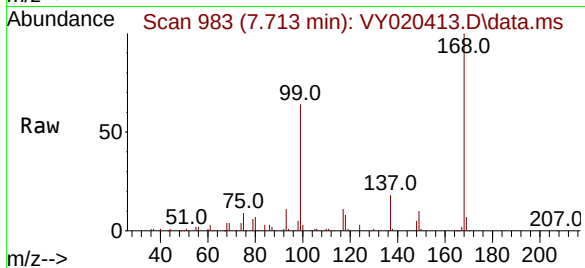




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020413.D
Acq: 22 Nov 2024 15:13

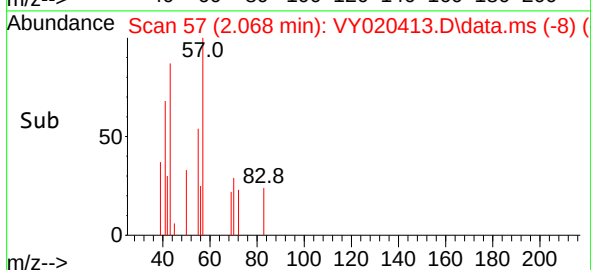
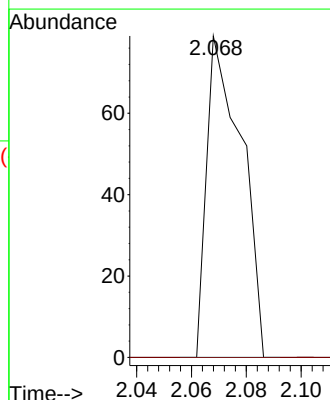
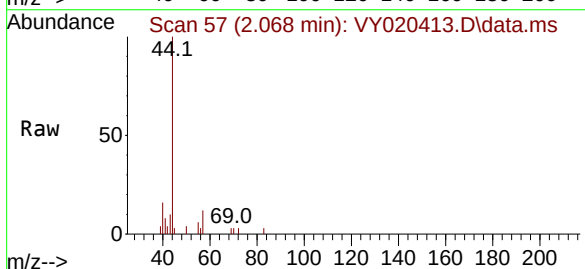
Instrument :
MSVOA_Y
ClientSampleId :

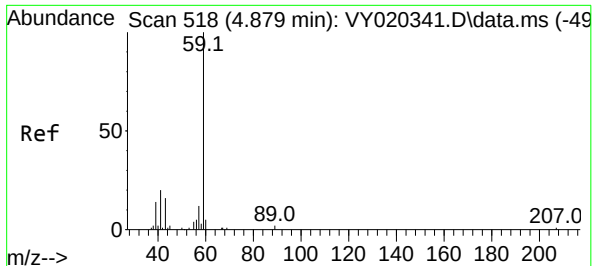
Tgt Ion:168 Resp: 137287
Ion Ratio Lower Upper
168 100
99 64.2 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.068 min Scan# 57
Delta R.T. -0.000 min
Lab File: VY020413.D
Acq: 22 Nov 2024 15:13

Tgt Ion: 50 Resp: 69
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#





#11

Tert butyl alcohol

Concen: 1.560 ug/l

RT: 4.878 min Scan# 518

Delta R.T. -0.000 min

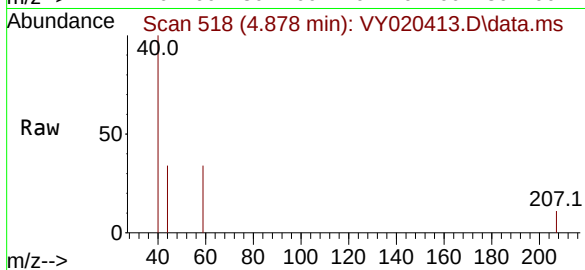
Lab File: VY020413.D

Acq: 22 Nov 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

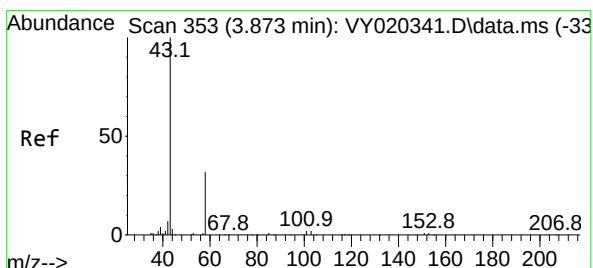
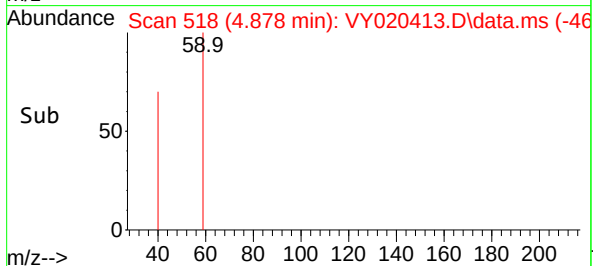
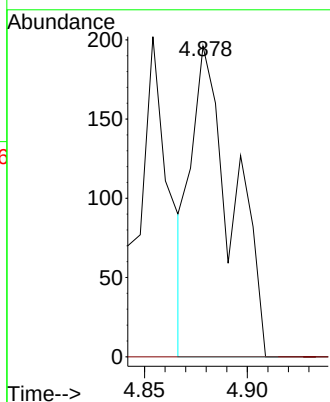


Tgt Ion: 59 Resp: 272

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 4.369 ug/l

RT: 3.885 min Scan# 355

Delta R.T. 0.012 min

Lab File: VY020413.D

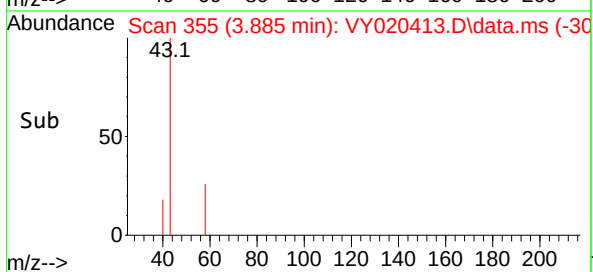
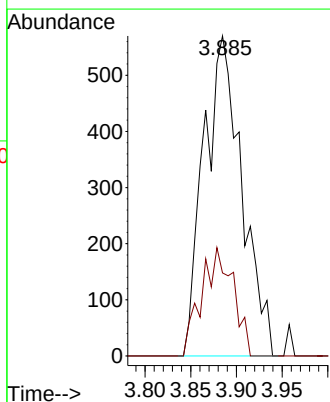
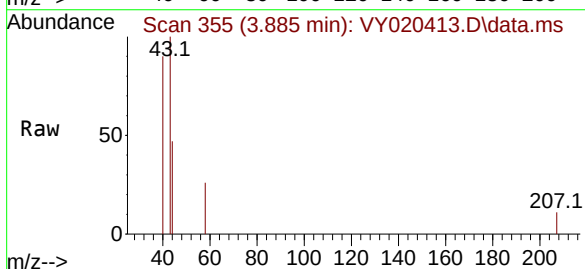
Acq: 22 Nov 2024 15:13

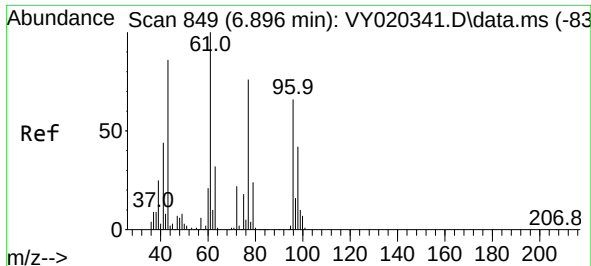
Tgt Ion: 43 Resp: 1652

Ion Ratio Lower Upper

43 100

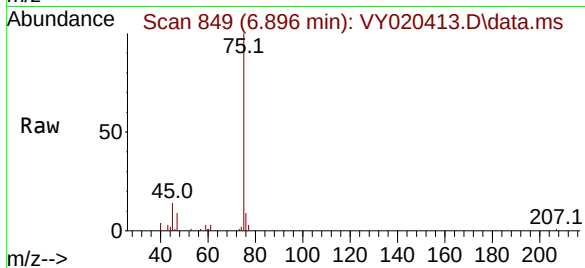
58 26.0 25.7 38.5



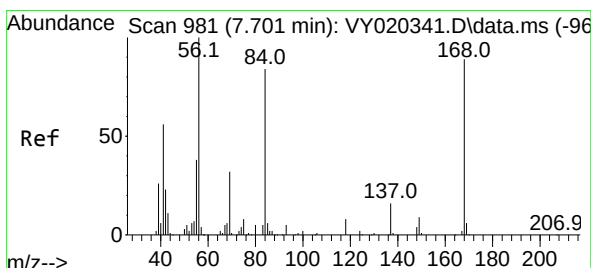
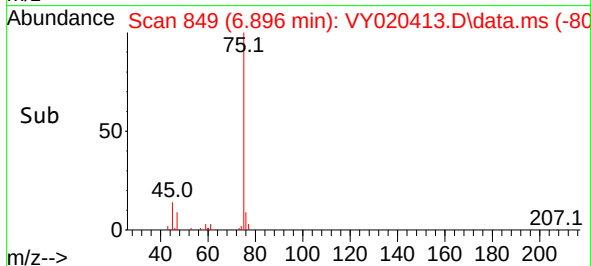
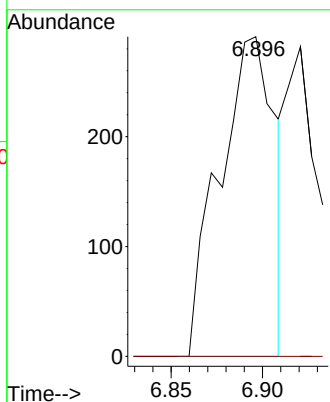


#25
2-Butanone
Concen: 1.253 ug/l
RT: 6.896 min Scan# 849
Delta R.T. -0.000 min
Lab File: VY020413.D
Acq: 22 Nov 2024 15:13

Instrument :
MSVOA_Y
ClientSampleId :

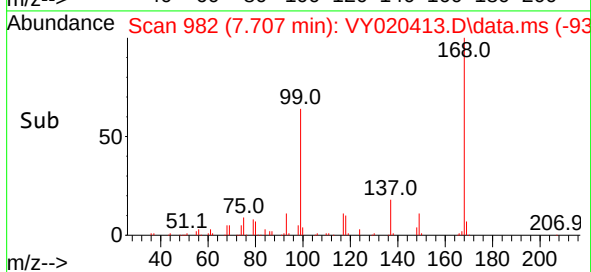
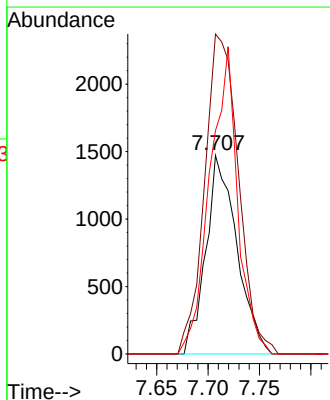
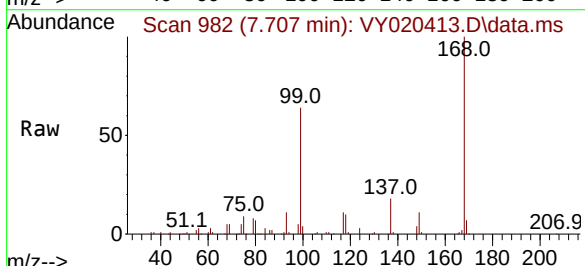


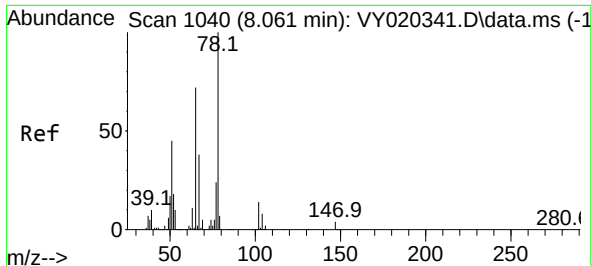
Tgt Ion: 43 Resp: 610
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#31
Cyclohexane
Concen: 1.054 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY020413.D
Acq: 22 Nov 2024 15:13

Tgt Ion: 56 Resp: 3100
Ion Ratio Lower Upper
56 100
69 161.1 25.3 37.9#
84 112.5 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 52.098 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY020413.D

Acq: 22 Nov 2024 15:13

Instrument :

MSVOA_Y

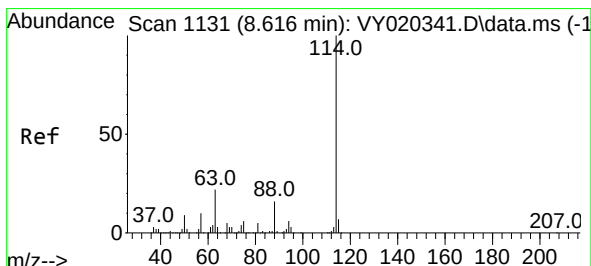
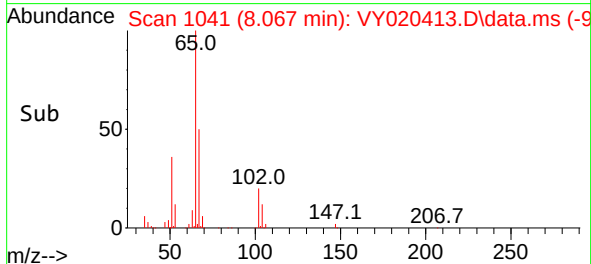
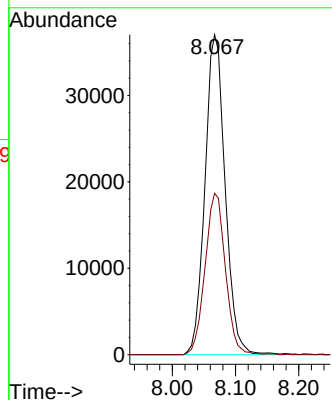
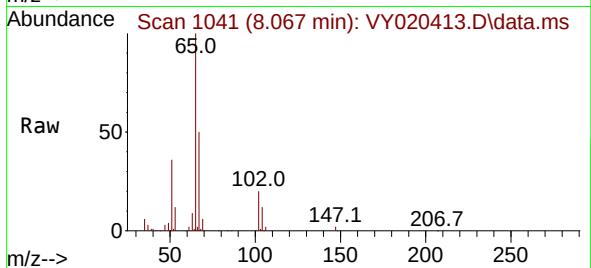
ClientSampleId :

Tgt Ion: 65 Resp: 82172

Ion Ratio Lower Upper

65 100

67 50.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020413.D

Acq: 22 Nov 2024 15:13

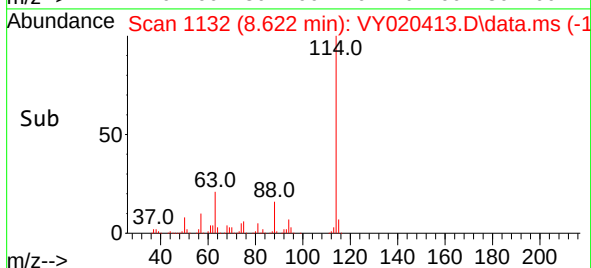
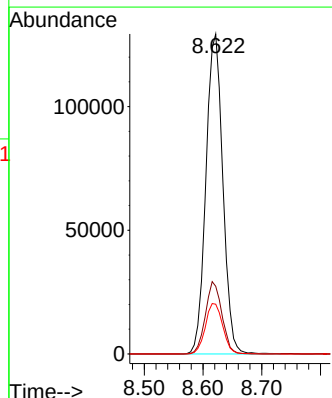
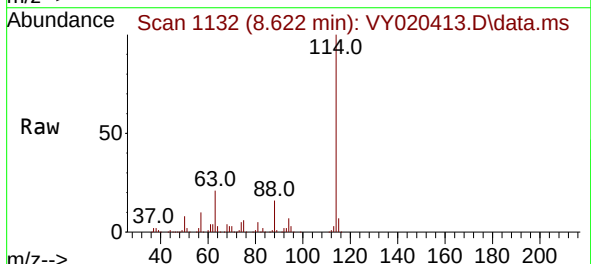
Tgt Ion: 114 Resp: 258536

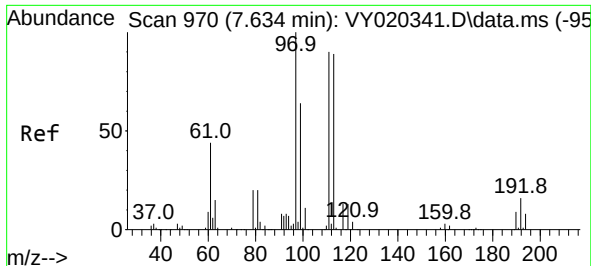
Ion Ratio Lower Upper

114 100

63 21.2 0.0 44.8

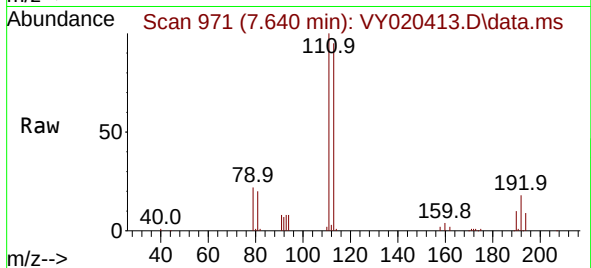
88 15.5 0.0 32.0



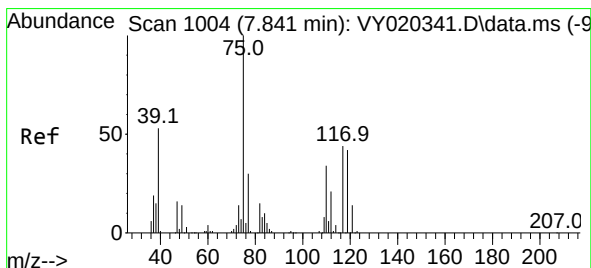
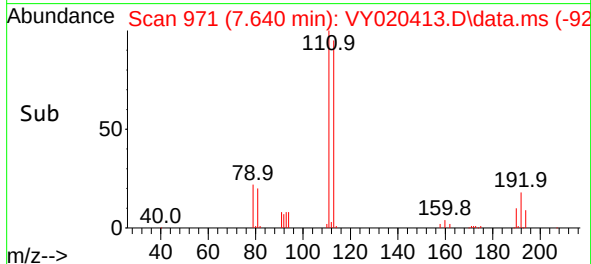
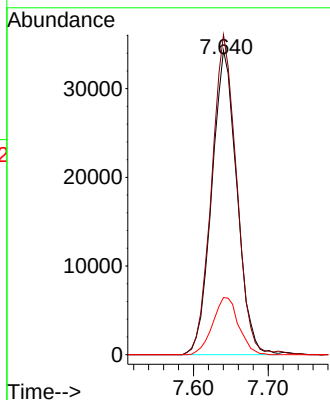


#35
Dibromofluoromethane
Concen: 48.282 ug/l
RT: 7.640 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY020413.D
Acq: 22 Nov 2024 15:13

Instrument :
MSVOA_Y
ClientSampleId :

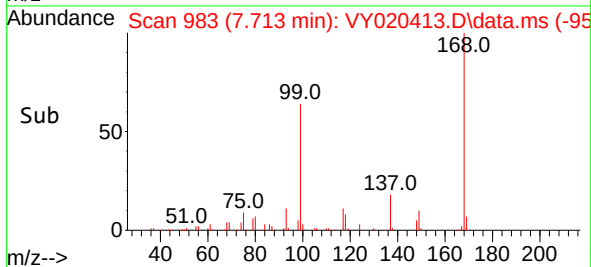
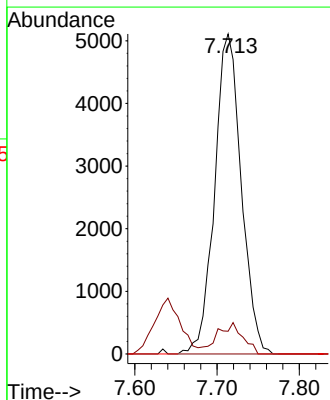
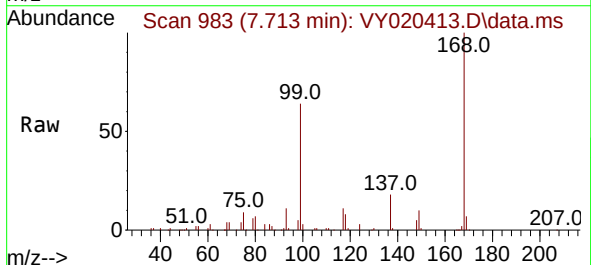


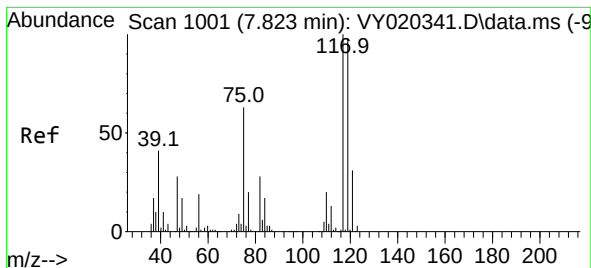
Tgt Ion:113 Resp: 80043
Ion Ratio Lower Upper
113 100
111 104.6 81.4 122.0
192 19.3 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.548 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020413.D
Acq: 22 Nov 2024 15:13

Tgt Ion: 75 Resp: 11515
Ion Ratio Lower Upper
75 100
110 9.4 16.7 50.0#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.556 ug/l

RT: 7.713 min Scan# 9

Delta R.T. -0.110 min

Lab File: VY020413.D

Acq: 22 Nov 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

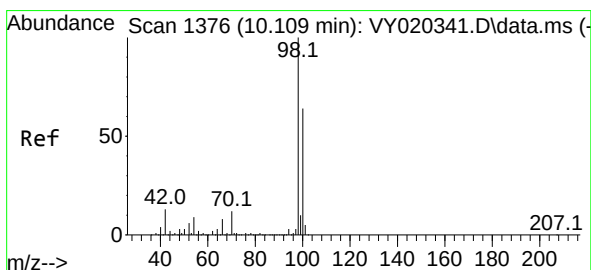
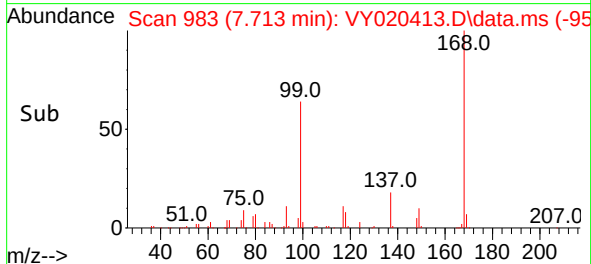
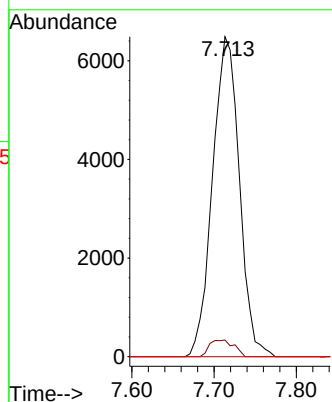
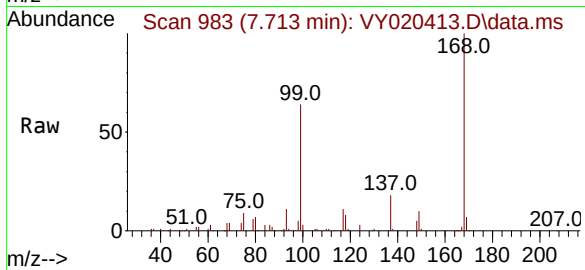
Tgt Ion:117 Resp: 14689

Ion Ratio Lower Upper

117 100

119 5.2 77.8 116.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 47.541 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. -0.000 min

Lab File: VY020413.D

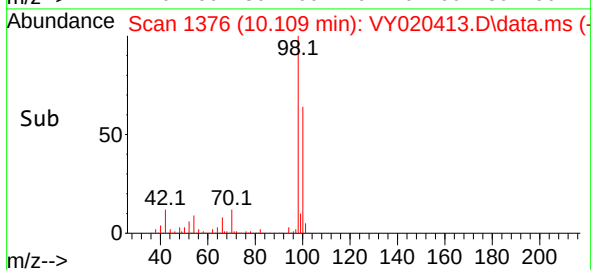
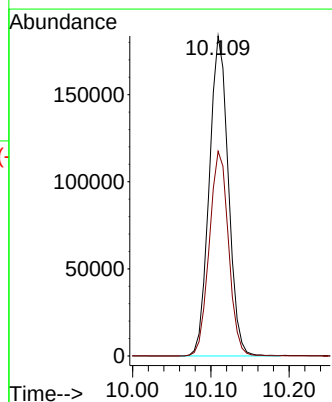
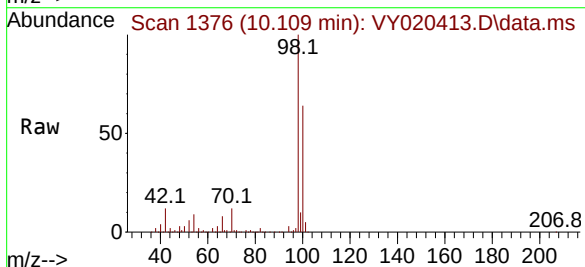
Acq: 22 Nov 2024 15:13

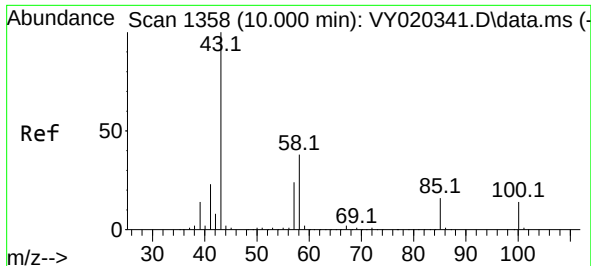
Tgt Ion: 98 Resp: 310464

Ion Ratio Lower Upper

98 100

100 64.5 51.3 76.9

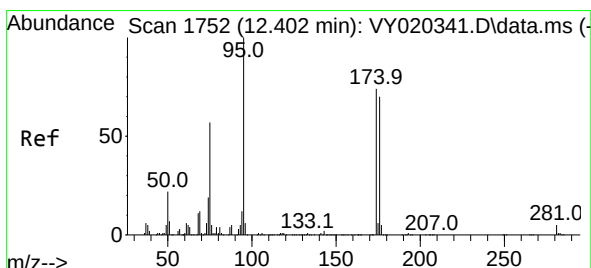
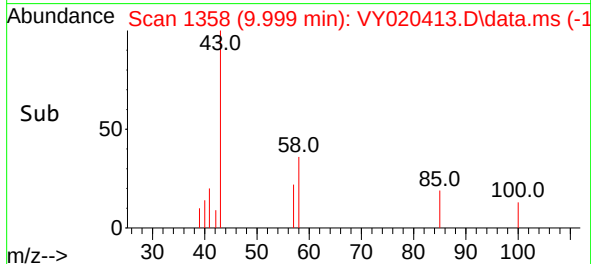
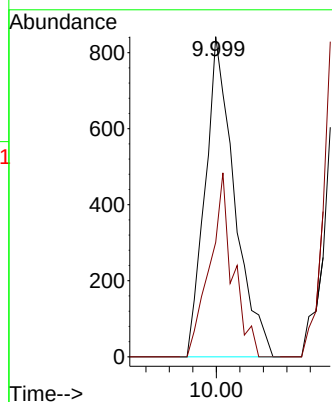
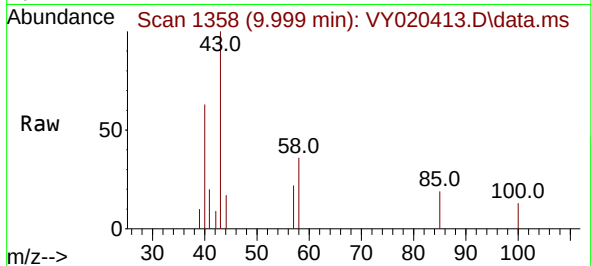




#51
4-Methyl-2-Pentanone
Concen: 1.274 ug/l
RT: 9.999 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020413.D
Acq: 22 Nov 2024 15:13

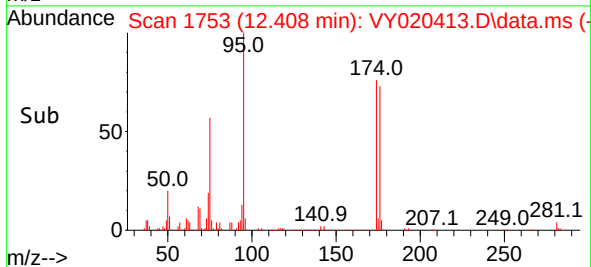
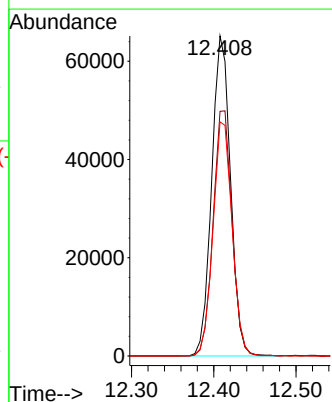
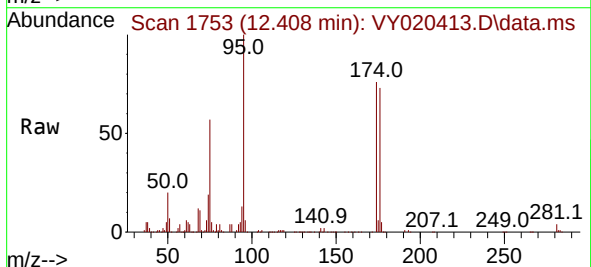
Instrument :
MSVOA_Y
ClientSampleId :

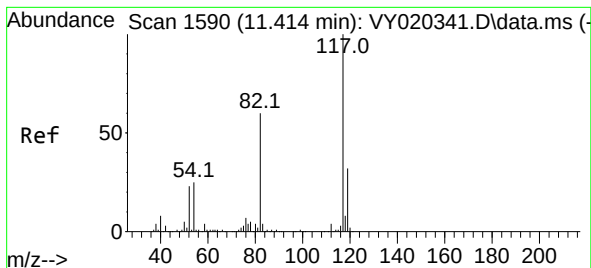
Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
58 45.4 30.9 46.3



#62
4-Bromofluorobenzene
Concen: 49.335 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY020413.D
Acq: 22 Nov 2024 15:13

Tgt Ion: 95 Resp: 103571
Ion Ratio Lower Upper
95 100
174 77.2 0.0 156.8
176 74.3 0.0 152.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020413.D

Acq: 22 Nov 2024 15:13

Instrument :

MSVOA_Y

ClientSampleId :

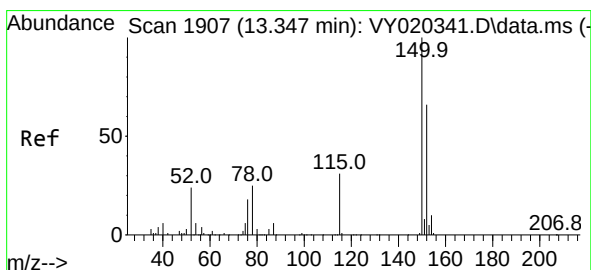
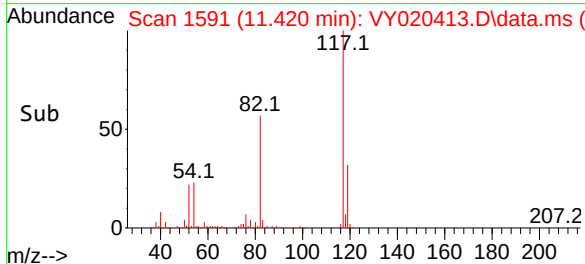
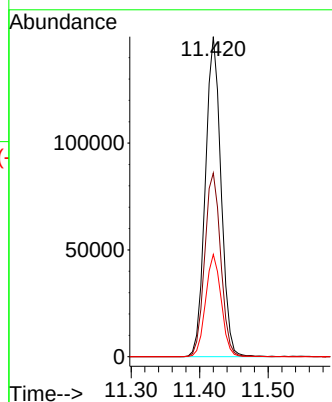
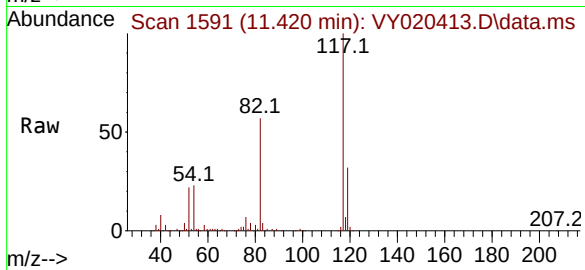
Tgt Ion:117 Resp: 238609

Ion Ratio Lower Upper

117 100

82 57.4 48.2 72.4

119 32.0 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY020413.D

Acq: 22 Nov 2024 15:13

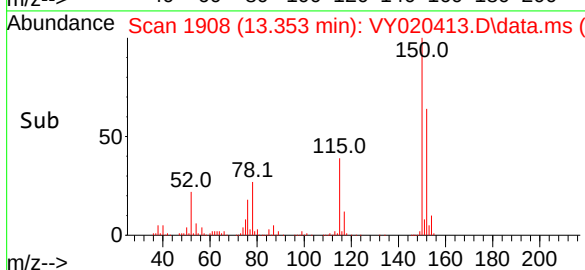
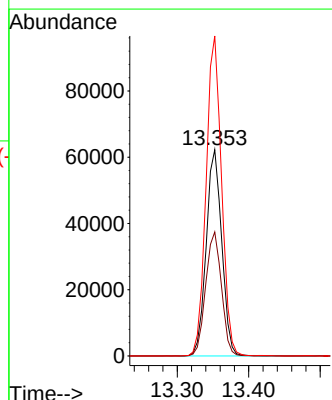
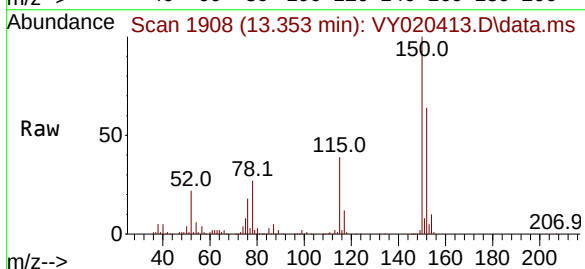
Tgt Ion:152 Resp: 94206

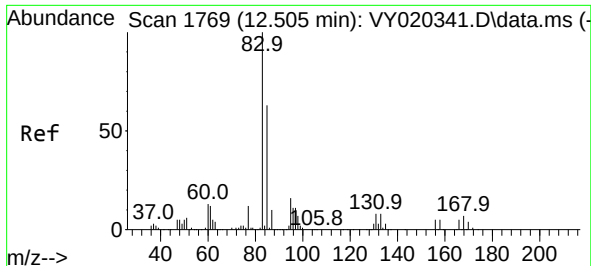
Ion Ratio Lower Upper

152 100

115 61.0 30.0 90.0

150 153.8 0.0 348.2

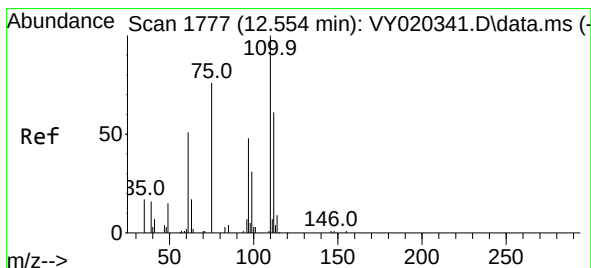
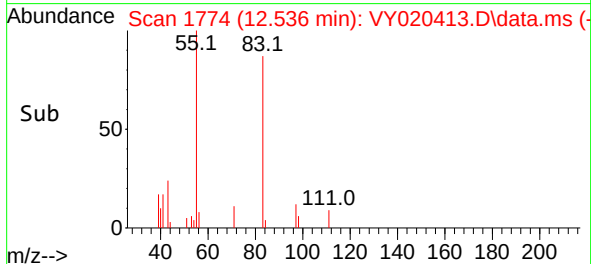
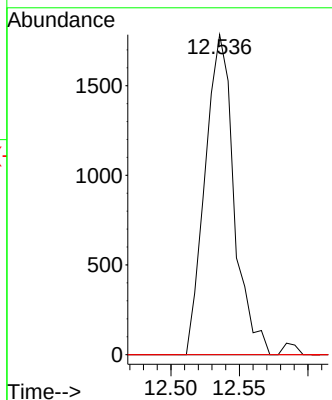
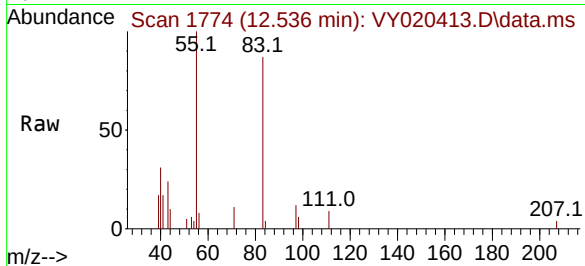




#75
 1,1,2,2-Tetrachloroethane
 Concen: 2.031 ug/l
 RT: 12.536 min Scan# 1774
 Delta R.T. 0.030 min
 Lab File: VY020413.D
 Acq: 22 Nov 2024 15:13

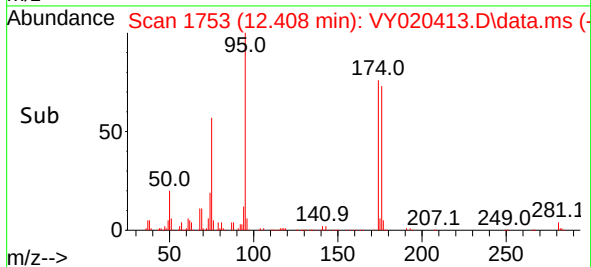
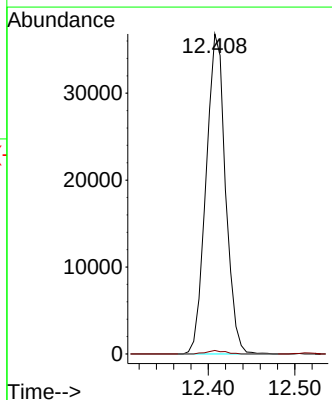
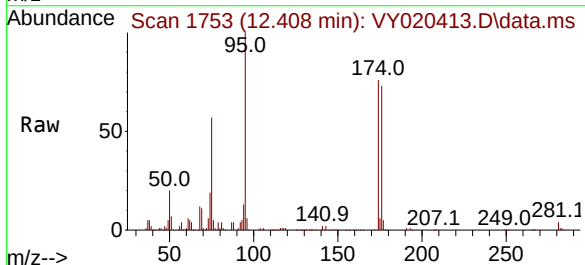
Instrument :
 MSVOA_Y
 ClientSampleId :

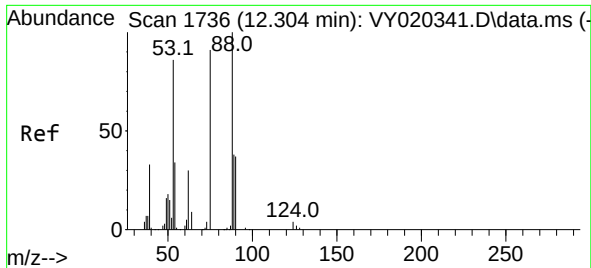
Tgt Ion: 83 Resp: 2619
 Ion Ratio Lower Upper
 83 100
 131 0.0 4.8 14.4#
 85 0.0 32.0 96.0#



#76
 1,2,3-Trichloropropane
 Concen: 64.635 ug/l
 RT: 12.408 min Scan# 1753
 Delta R.T. -0.146 min
 Lab File: VY020413.D
 Acq: 22 Nov 2024 15:13

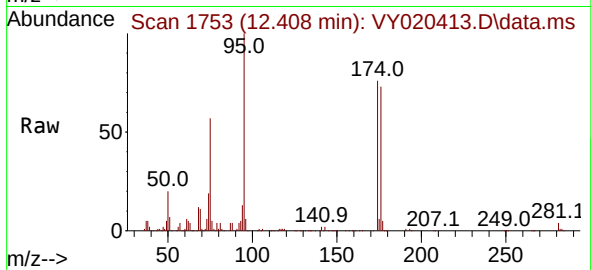
Tgt Ion: 75 Resp: 57391
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.650 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY020413.D
 Acq: 22 Nov 2024 15:13

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 57391
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.1 121.7#
 89 0.1 35.1 52.7#

