

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
 Data File : VY020457.D
 Acq On : 27 Nov 2024 12:10
 Operator : SY/MD
 Sample : P5000-03
 Misc : 6.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 28 00:58:44 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	7.719	168	132164	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	252253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	226465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	80686	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	77542	51.068	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.140%
35) Dibromofluoromethane	7.646	113	79320	49.038	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.080%
50) Toluene-d8	10.115	98	303116	47.572	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.140%
62) 4-Bromofluorobenzene	12.414	95	92670	45.242	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	90.480%

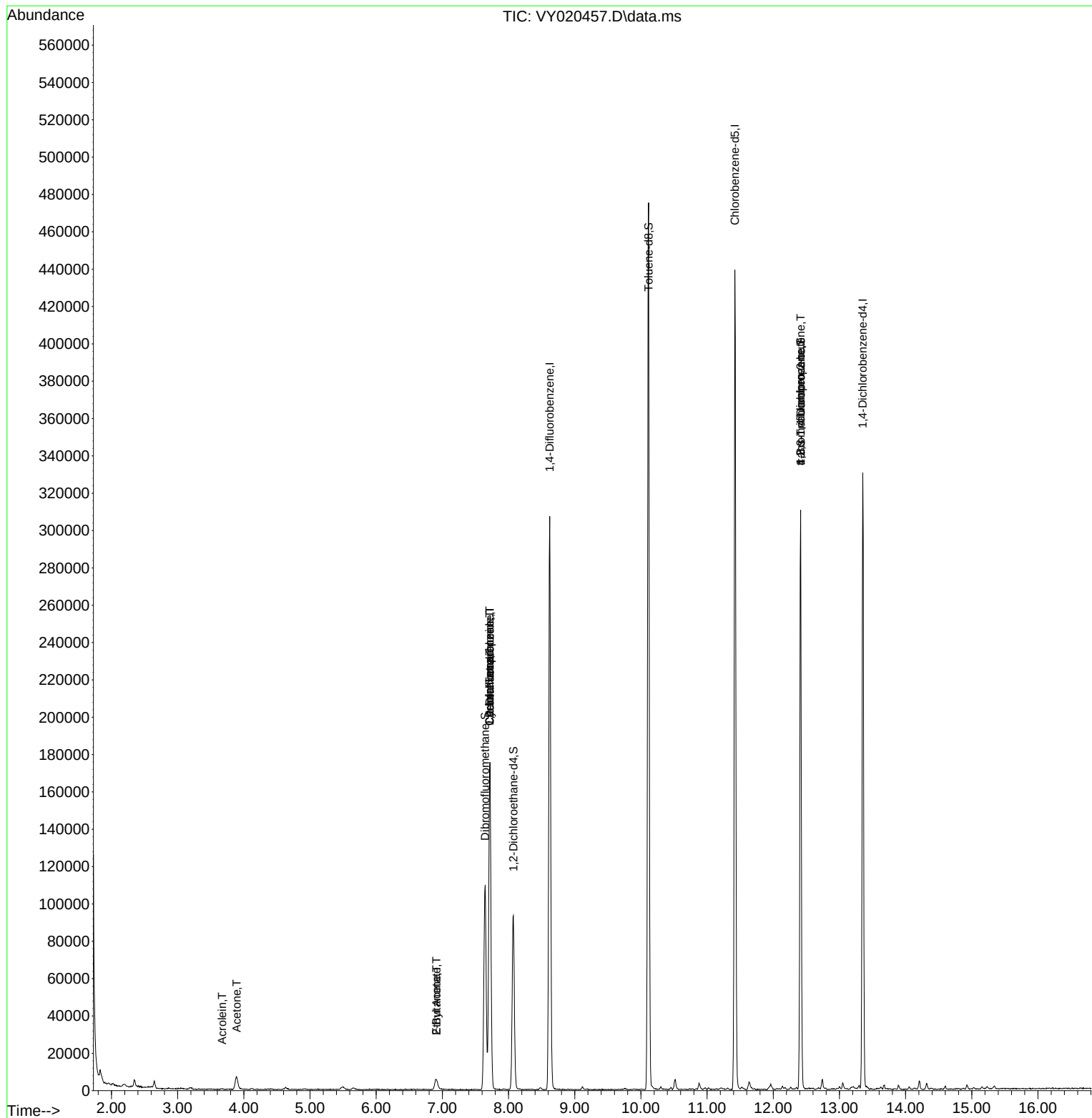
Target Compounds					Qvalue	
3) Chloromethane	2.068	50	152	Below Cal	#	41
13) Acrolein	3.671	56	345	3.669	ug/l	97
16) Acetone	3.891	43	13628	37.439	ug/l	93
25) 2-Butanone	6.909	43	3981	8.495	ug/l	94
31) Cyclohexane	7.713	56	3120	1.102	ug/l	# 1
36) 1,1-Dichloropropene	7.713	75	11391	4.611	ug/l	# 52
37) Ethyl Acetate	6.909	43	3981	3.518	ug/l	# 77
38) Carbon Tetrachloride	7.713	117	14132	5.479	ug/l	# 16
76) 1,2,3-Trichloropropane	12.414	75	52081	68.483	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.414	75	52081	134.190	ug/l	# 9

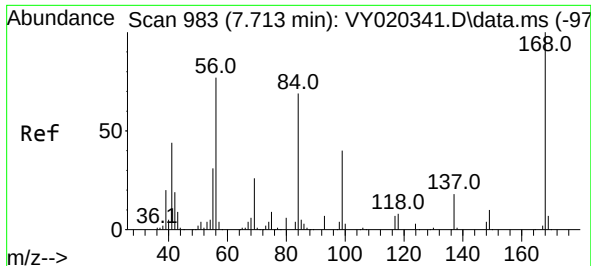
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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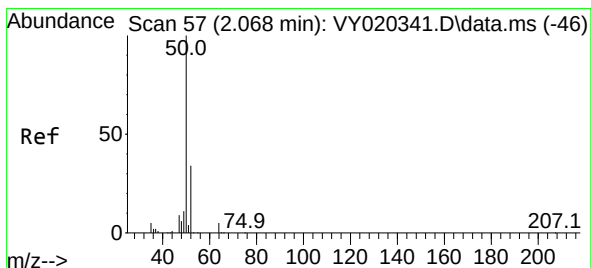
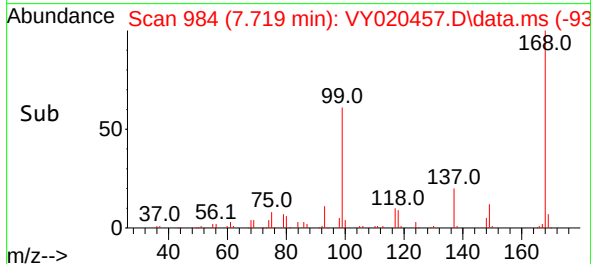
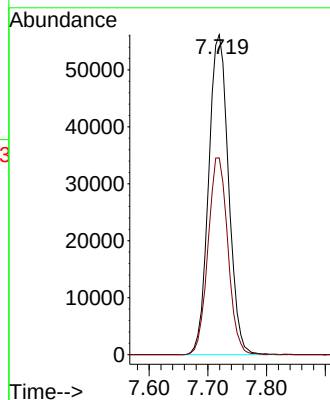
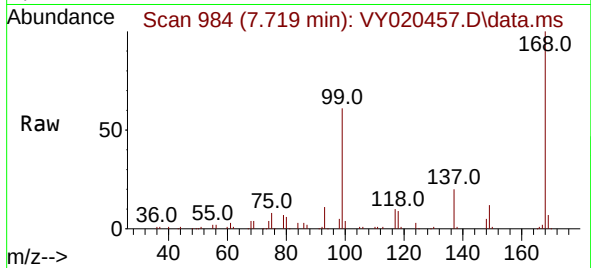




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY020457.D
Acq: 27 Nov 2024 12:10

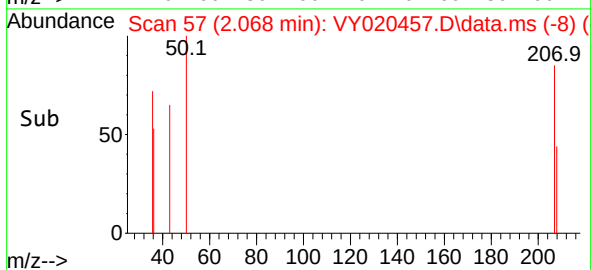
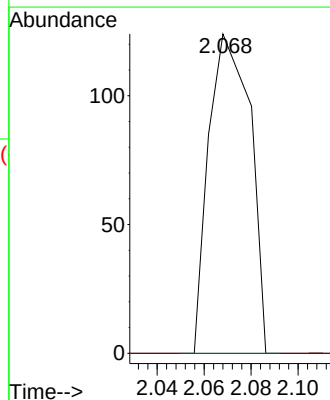
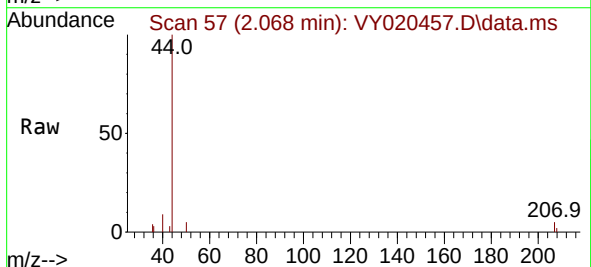
Instrument :
MSVOA_Y
ClientSampleId :

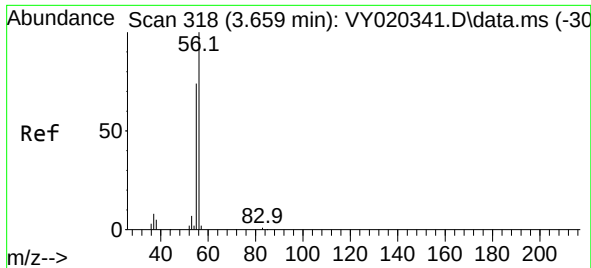
Tgt Ion:168 Resp: 132164
Ion Ratio Lower Upper
168 100
99 61.5 46.6 69.8



#3
Chloromethane
Concen: Below Cal
RT: 2.068 min Scan# 57
Delta R.T. -0.000 min
Lab File: VY020457.D
Acq: 27 Nov 2024 12:10

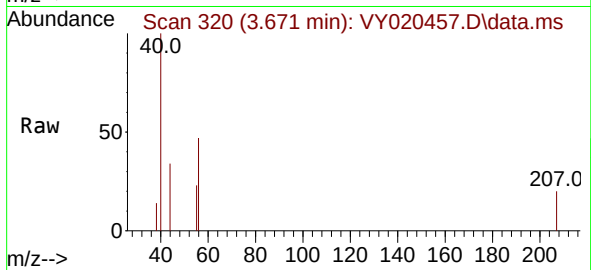
Tgt Ion: 50 Resp: 152
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



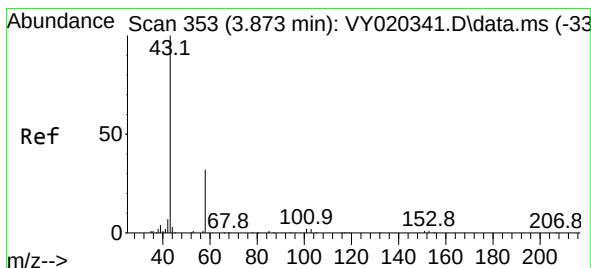
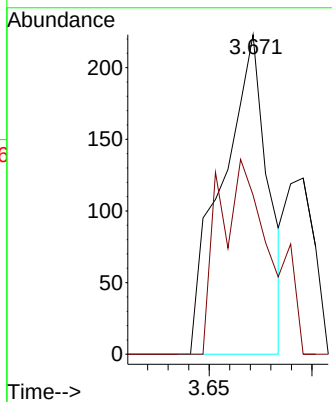
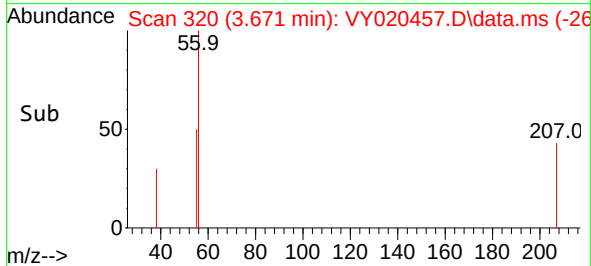


#13
Acrolein
Concen: 3.669 ug/l
RT: 3.671 min Scan# 318
Delta R.T. 0.012 min
Lab File: VY020457.D
Acq: 27 Nov 2024 12:10

Instrument :
MSVOA_Y
ClientSampleId :

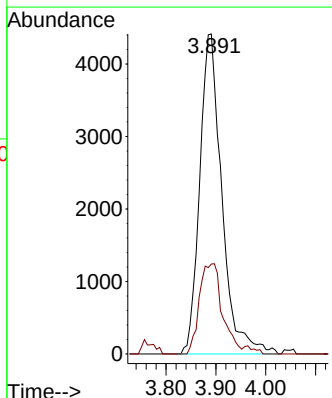
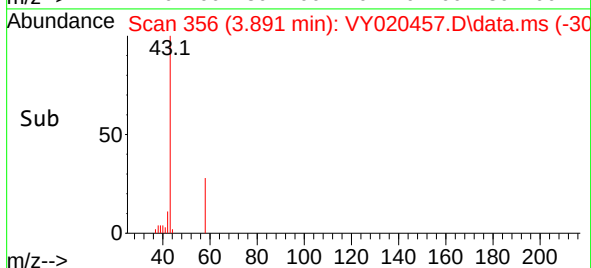
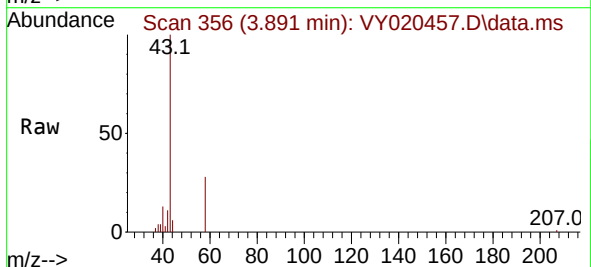


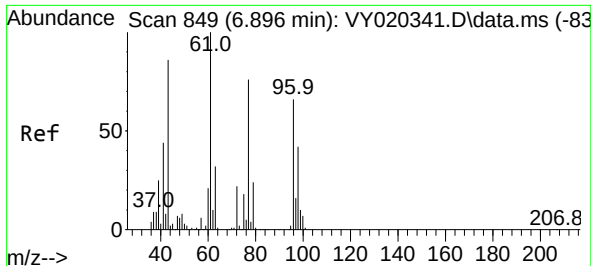
Tgt Ion: 56 Resp: 345
Ion Ratio Lower Upper
56 100
55 69.6 57.7 86.5



#16
Acetone
Concen: 37.439 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.018 min
Lab File: VY020457.D
Acq: 27 Nov 2024 12:10

Tgt Ion: 43 Resp: 13628
Ion Ratio Lower Upper
43 100
58 28.1 25.7 38.5





#25

2-Butanone

Concen: 8.495 ug/l

RT: 6.909 min Scan# 81

Delta R.T. 0.012 min

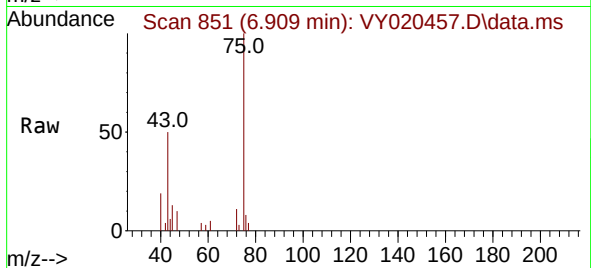
Lab File: VY020457.D

Acq: 27 Nov 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

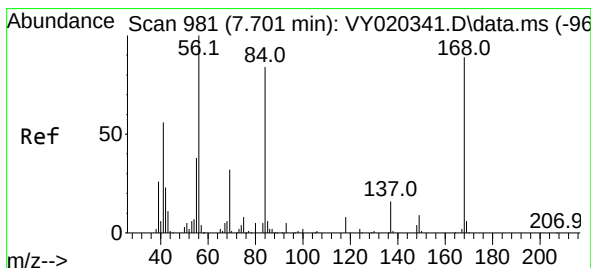
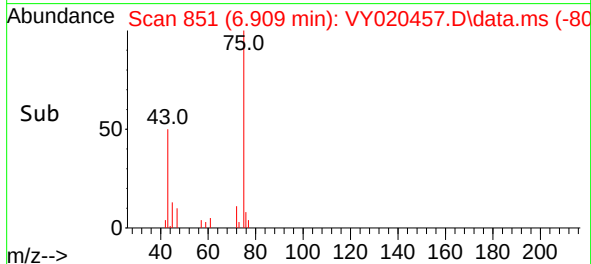
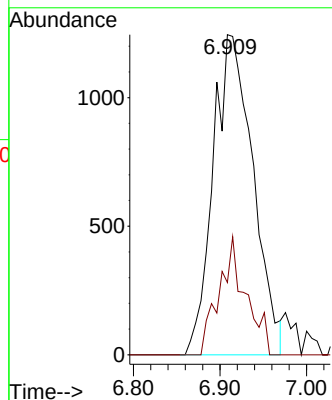


Tgt Ion: 43 Resp: 3981

Ion Ratio Lower Upper

43 100

72 22.6 20.4 30.6



#31

Cyclohexane

Concen: 1.102 ug/l

RT: 7.713 min Scan# 983

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 12:10

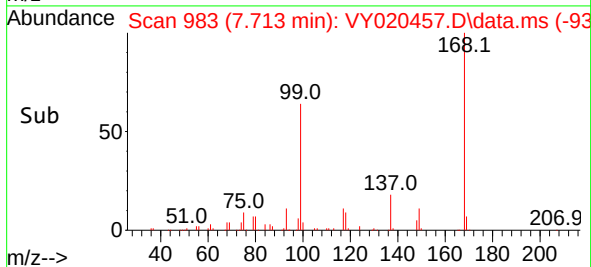
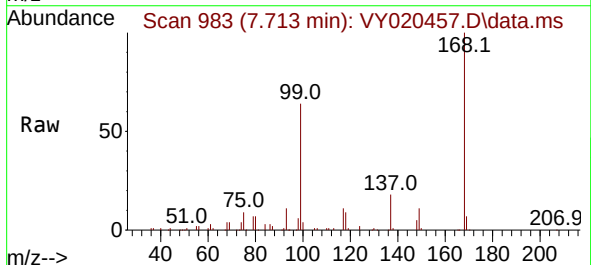
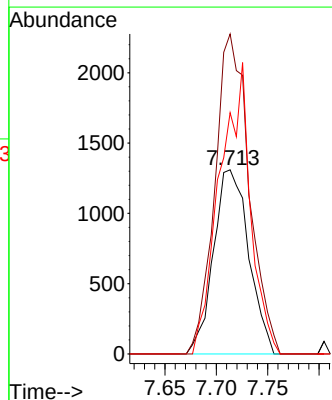
Tgt Ion: 56 Resp: 3120

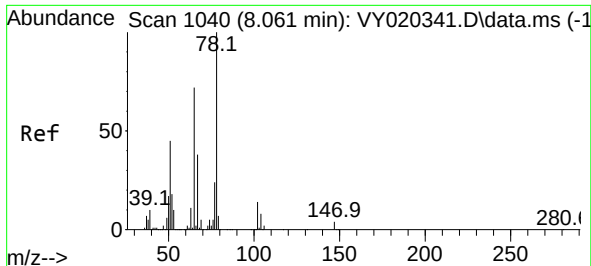
Ion Ratio Lower Upper

56 100

69 173.7 25.3 37.9#

84 131.0 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 51.068 ug/l

RT: 8.073 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 12:10

Instrument :

MSVOA_Y

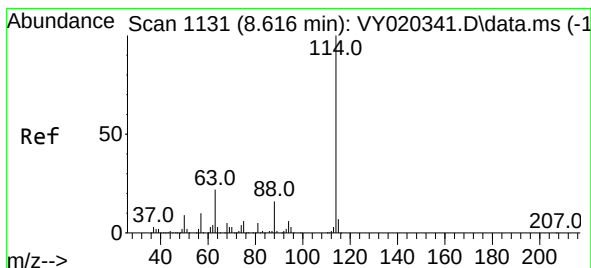
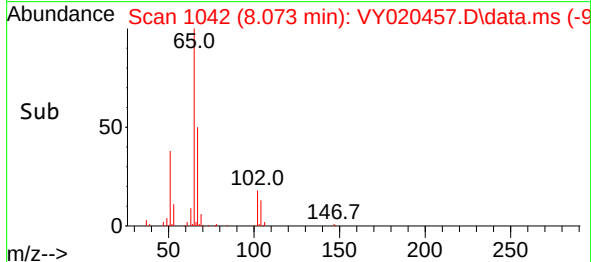
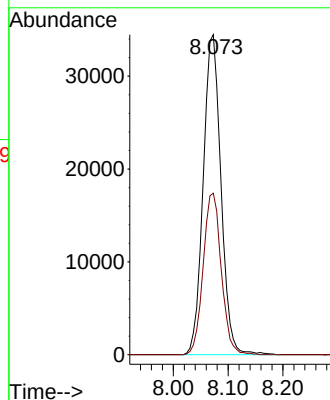
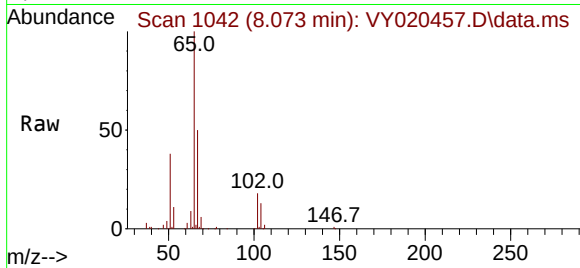
ClientSampleId :

Tgt Ion: 65 Resp: 77542

Ion Ratio Lower Upper

65 100

67 51.3 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: VY020457.D

Acq: 27 Nov 2024 12:10

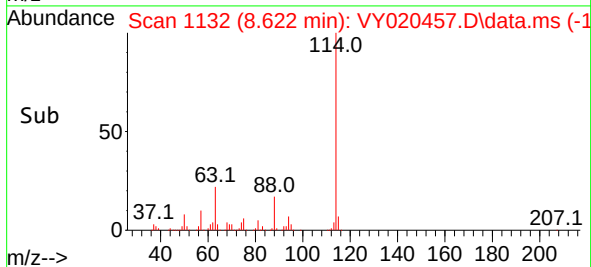
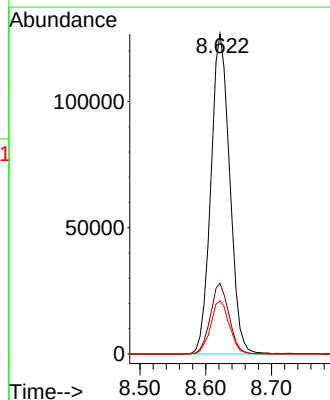
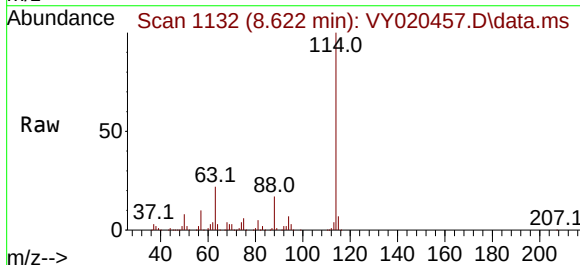
Tgt Ion: 114 Resp: 252253

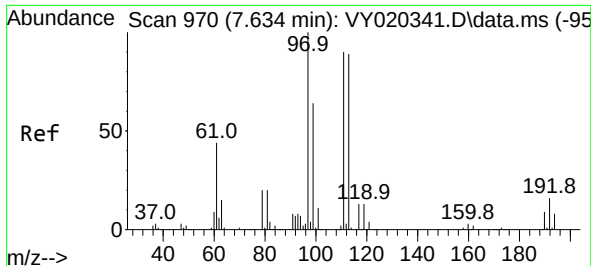
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.8

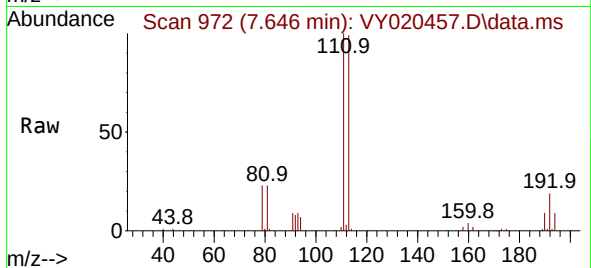
88 16.5 0.0 32.0



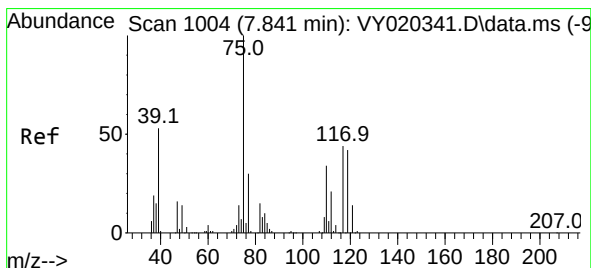
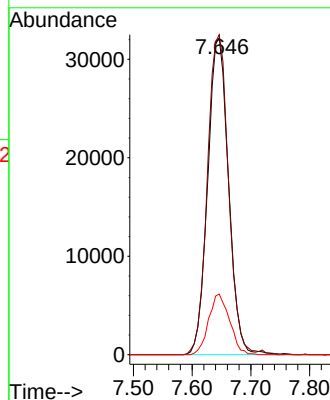
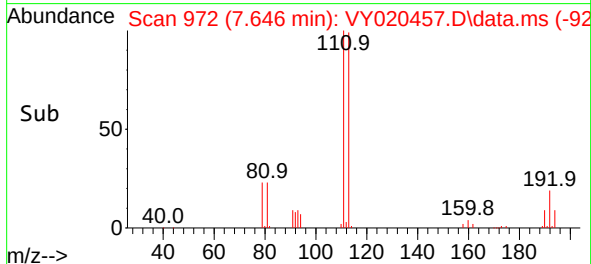


#35
Dibromofluoromethane
Concen: 49.038 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY020457.D
Acq: 27 Nov 2024 12:10

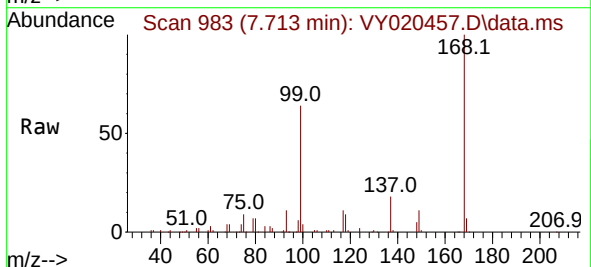
Instrument :
MSVOA_Y
ClientSampleId :



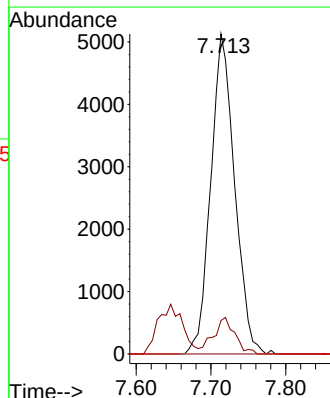
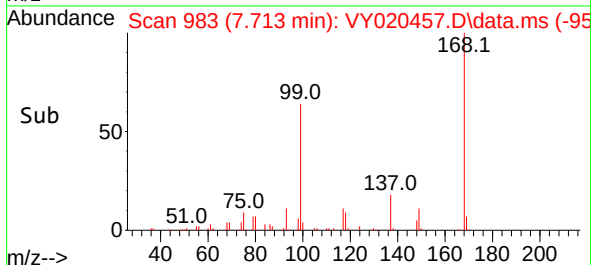
Tgt Ion:113 Resp: 79320
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 19.2 15.1 22.7

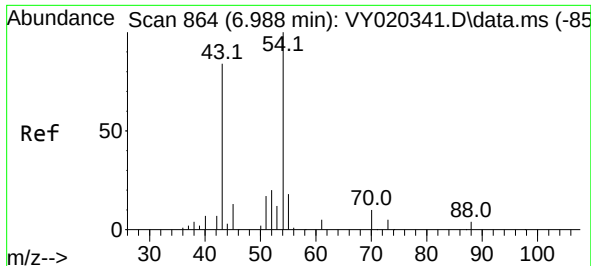


#36
1,1-Dichloropropene
Concen: 4.611 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.128 min
Lab File: VY020457.D
Acq: 27 Nov 2024 12:10



Tgt Ion: 75 Resp: 11391
Ion Ratio Lower Upper
75 100
110 10.2 16.7 50.0#
77 0.0 24.6 36.8#





#37

Ethyl Acetate

Concen: 3.518 ug/l

RT: 6.909 min Scan# 81

Delta R.T. -0.079 min

Lab File: VY020457.D

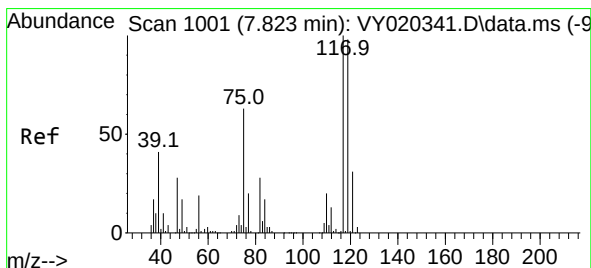
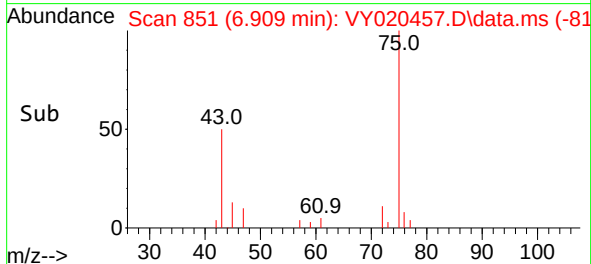
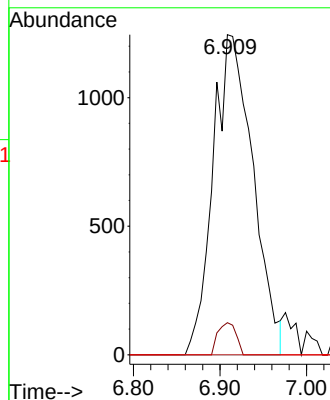
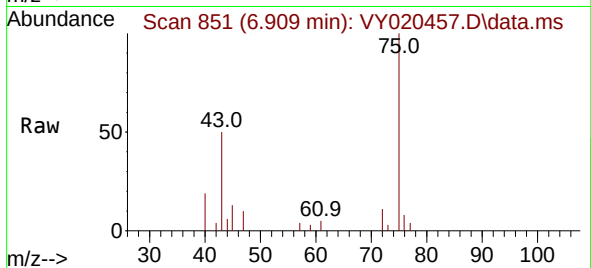
Acq: 27 Nov 2024 12:10

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	3981
Ion	Ratio	Lower	Upper
43	100		
61	4.5	10.7	16.1#
70	0.0	7.3	10.9#



#38

Carbon Tetrachloride

Concen: 5.479 ug/l

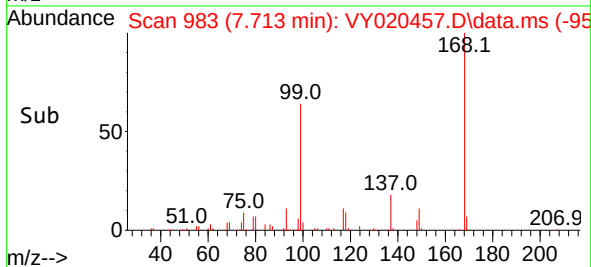
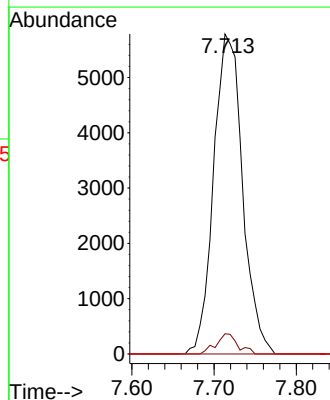
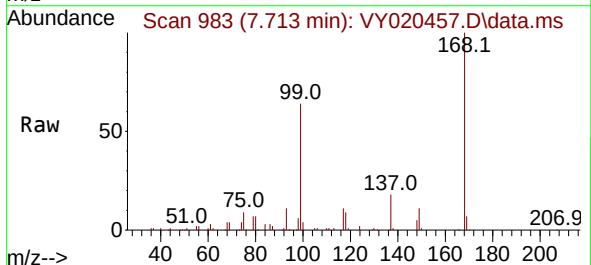
RT: 7.713 min Scan# 983

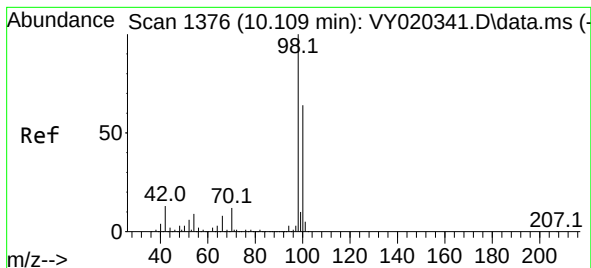
Delta R.T. -0.110 min

Lab File: VY020457.D

Acq: 27 Nov 2024 12:10

Tgt Ion:	117	Resp:	14132
Ion	Ratio	Lower	Upper
117	100		
119	6.3	77.8	116.6#
121	0.0	24.6	37.0#





#50

Toluene-d8

Concen: 47.572 ug/l

RT: 10.115 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY020457.D

Acq: 27 Nov 2024 12:10

Instrument :

MSVOA_Y

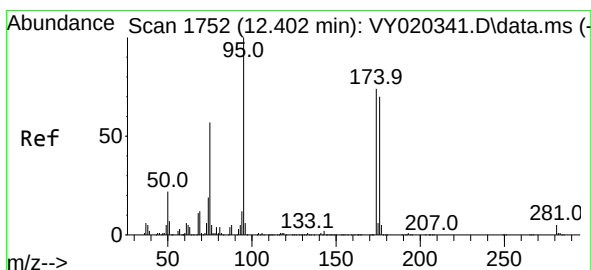
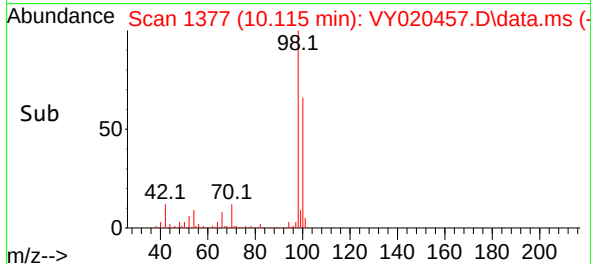
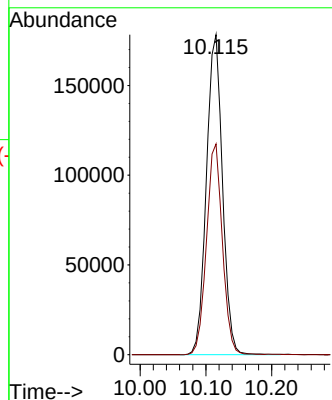
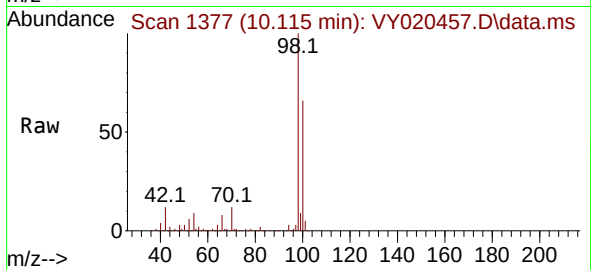
ClientSampleId :

Tgt Ion: 98 Resp: 303116

Ion Ratio Lower Upper

98 100

100 65.2 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 45.242 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.012 min

Lab File: VY020457.D

Acq: 27 Nov 2024 12:10

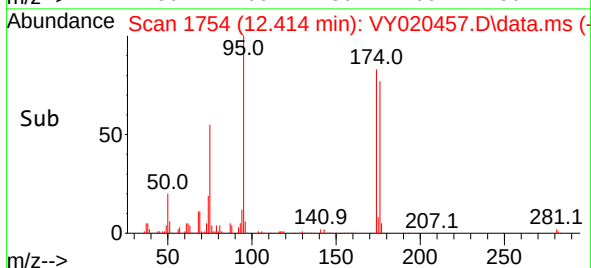
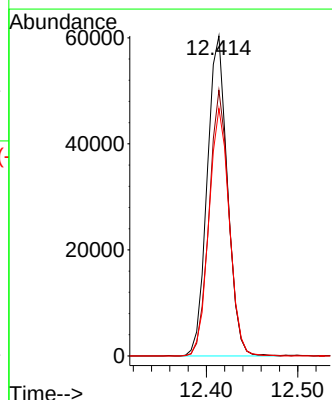
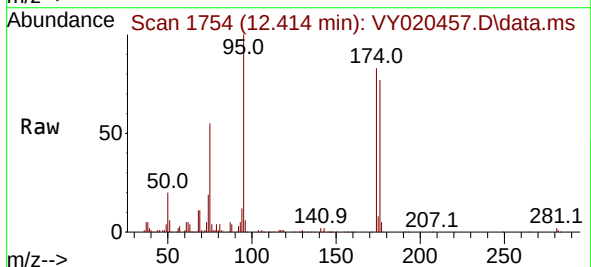
Tgt Ion: 95 Resp: 92670

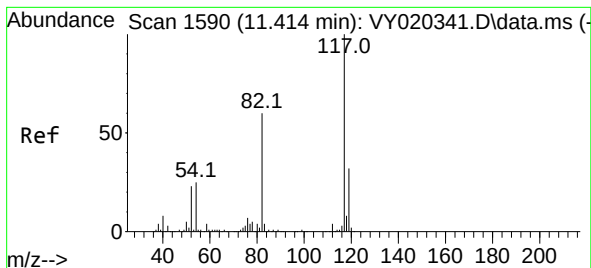
Ion Ratio Lower Upper

95 100

174 81.2 0.0 156.8

176 78.1 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: VY020457.D

Acq: 27 Nov 2024 12:10

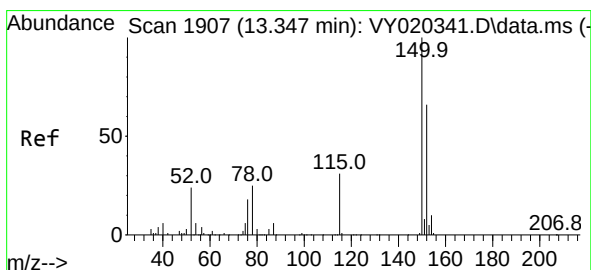
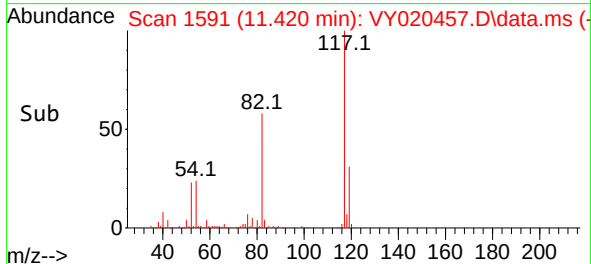
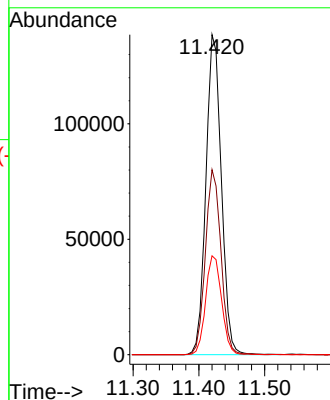
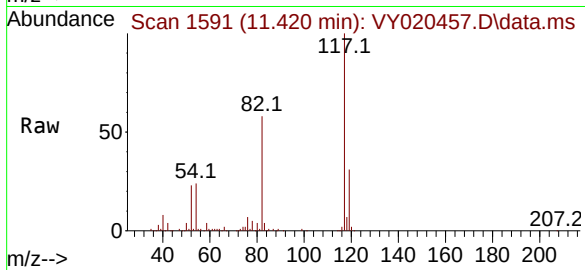
Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117 Resp: 226465

Ion	Ratio	Lower	Upper
117	100		
82	57.8	48.2	72.4
119	30.9	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

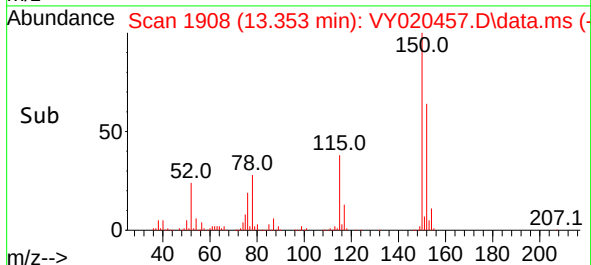
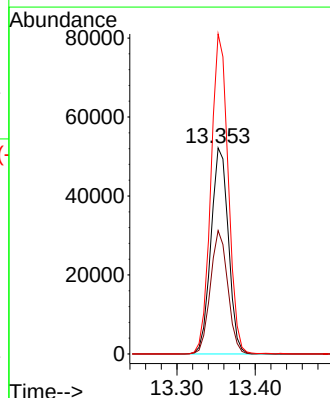
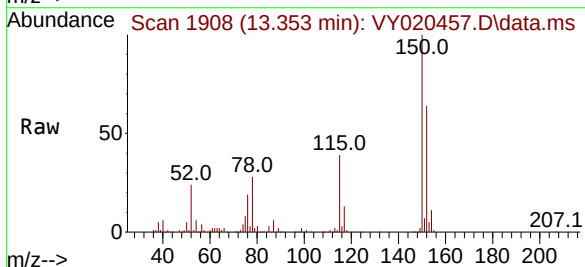
Delta R.T. 0.006 min

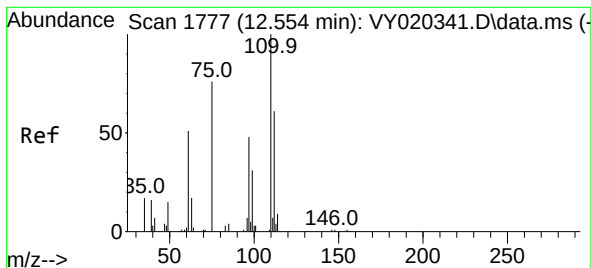
Lab File: VY020457.D

Acq: 27 Nov 2024 12:10

Tgt Ion:152 Resp: 80686

Ion	Ratio	Lower	Upper
152	100		
115	59.3	30.0	90.0
150	153.6	0.0	348.2





#76

1,2,3-Trichloropropane

Concen: 68.483 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.140 min

Lab File: VY020457.D

Acq: 27 Nov 2024 12:10

Instrument :

MSVOA_Y

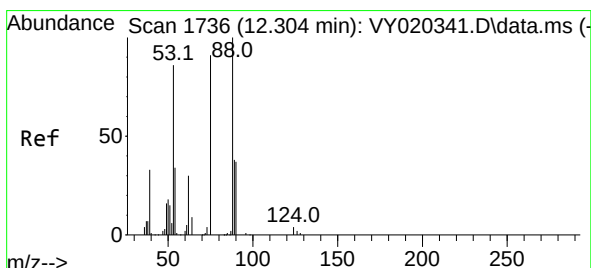
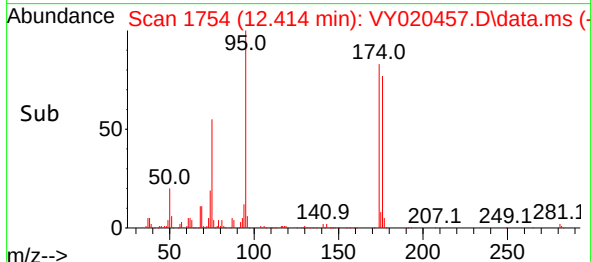
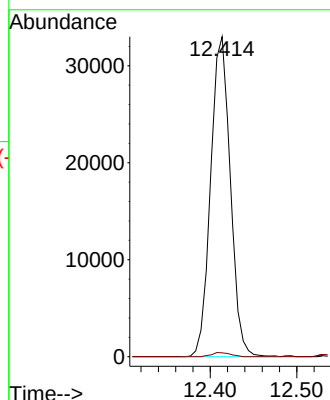
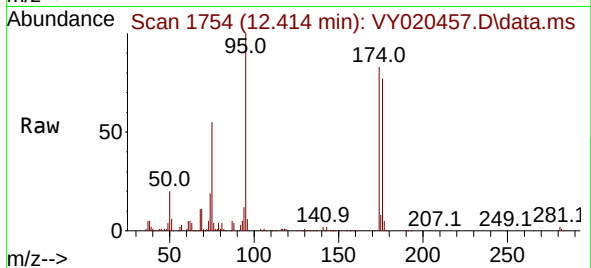
ClientSampleId :

Tgt Ion: 75 Resp: 52081

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 134.190 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. 0.110 min

Lab File: VY020457.D

Acq: 27 Nov 2024 12:10

Tgt Ion: 75 Resp: 52081

Ion Ratio Lower Upper

75 100

53 0.0 81.1 121.7#

89 0.0 35.1 52.7#

