

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112724\
 Data File : VY020458.D
 Acq On : 27 Nov 2024 12:33
 Operator : SY/MD
 Sample : P5000-07
 Misc : 3.96g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 28 00:59:13 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

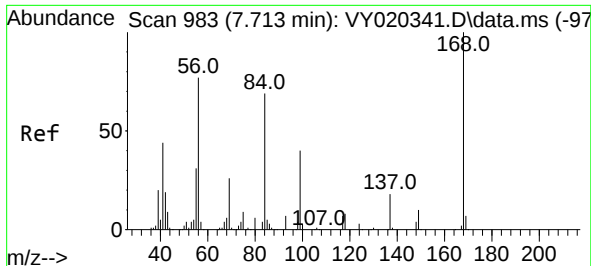
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.719	168	52556	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.621	114	90250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	74143	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	24484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	27501	45.546	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.100%
35) Dibromofluoromethane	7.640	113	28559	49.350	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.700%
50) Toluene-d8	10.109	98	103833	45.548	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.100%
62) 4-Bromofluorobenzene	12.414	95	29010	39.586	ug/l	0.01
Spiked Amount	50.000	Range	29 - 146	Recovery	=	79.180%
Target Compounds						
					Qvalue	
16) Acetone	3.878	43	2848	19.675	ug/l	91
25) 2-Butanone	6.902	43	664	3.563	ug/l #	50
31) Cyclohexane	7.713	56	1269	1.127	ug/l #	7
36) 1,1-Dichloropropene	7.719	75	4426	5.007	ug/l #	54
38) Carbon Tetrachloride	7.713	117	5496	5.955	ug/l #	16
51) 4-Methyl-2-Pentanone	10.109	43	436	1.091	ug/l #	1
76) 1,2,3-Trichloropropane	12.407	75	15684	67.964	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	15684	133.172	ug/l #	9

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

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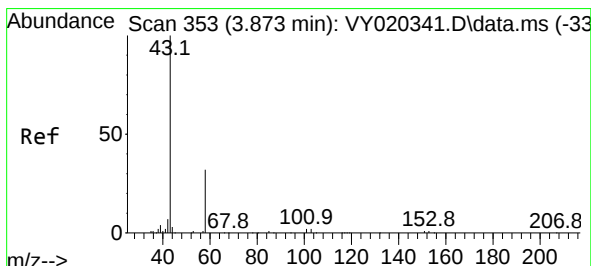
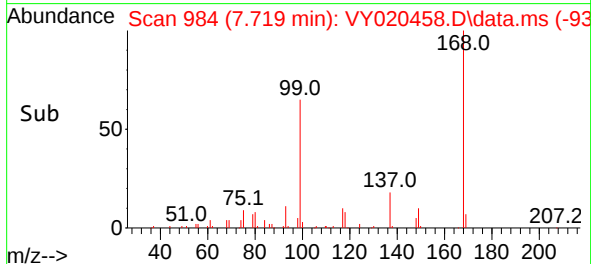
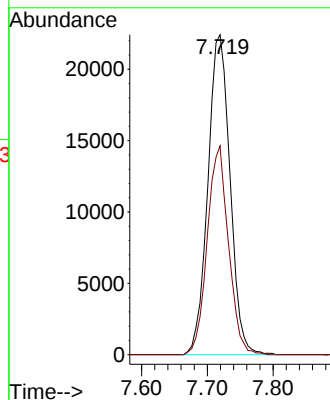
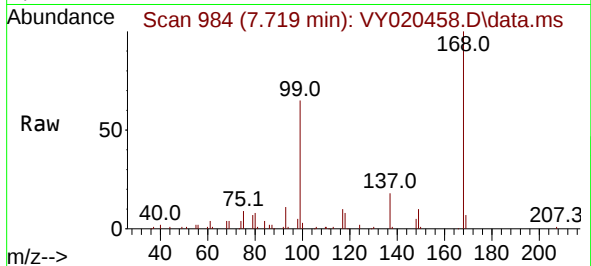




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020458.D
Acq: 27 Nov 2024 12:33

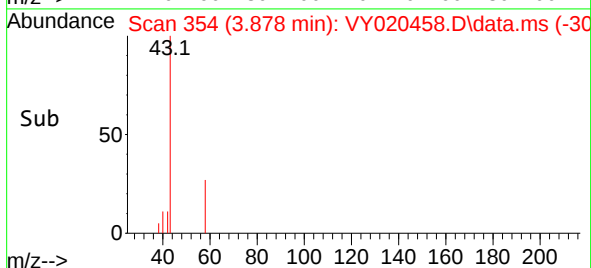
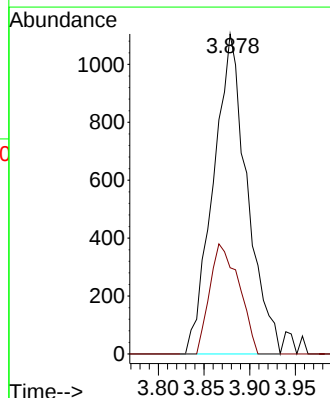
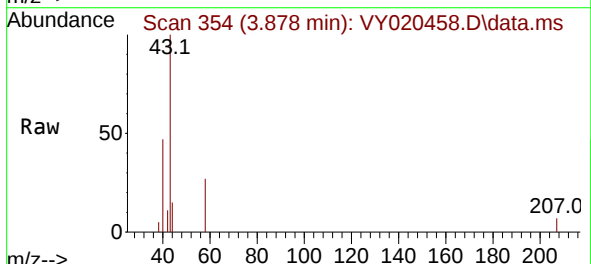
Instrument :
MSVOA_Y
ClientSampleId :

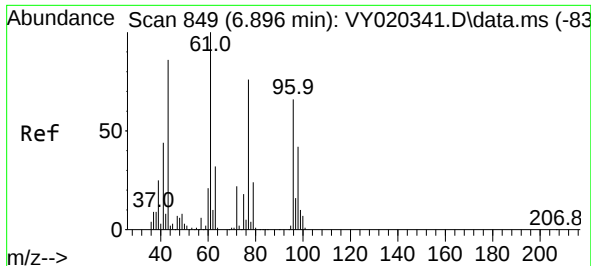
Tgt Ion:168 Resp: 52556
Ion Ratio Lower Upper
168 100
99 65.3 46.6 69.8



#16
Acetone
Concen: 19.675 ug/l
RT: 3.878 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY020458.D
Acq: 27 Nov 2024 12:33

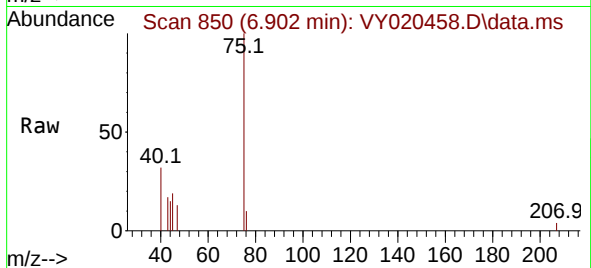
Tgt Ion: 43 Resp: 2848
Ion Ratio Lower Upper
43 100
58 27.0 25.7 38.5



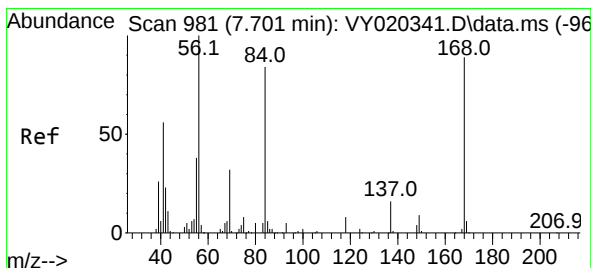
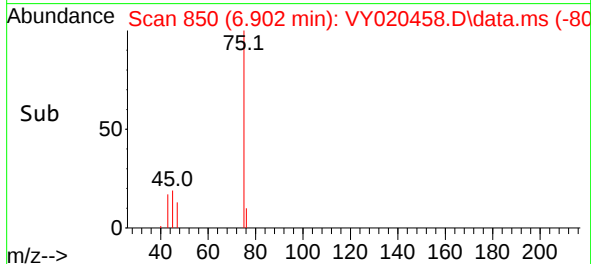
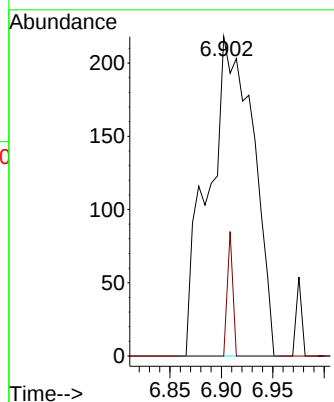


#25
2-Butanone
Concen: 3.563 ug/l
RT: 6.902 min Scan# 81
Delta R.T. 0.006 min
Lab File: VY020458.D
Acq: 27 Nov 2024 12:33

Instrument :
MSVOA_Y
ClientSampleId :

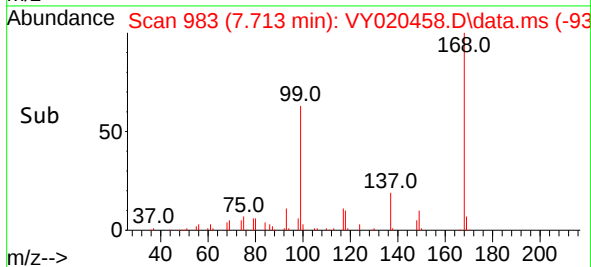
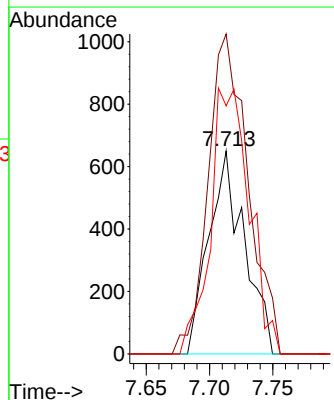
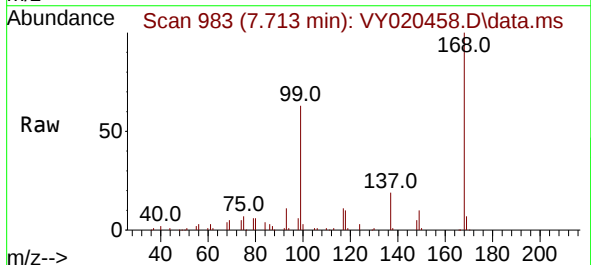


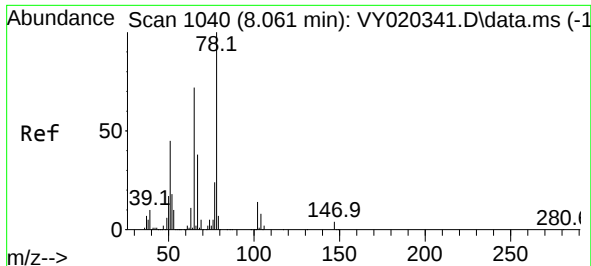
Tgt Ion: 43 Resp: 664
Ion Ratio Lower Upper
43 100
72 0.0 20.4 30.6#



#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.012 min
Lab File: VY020458.D
Acq: 27 Nov 2024 12:33

Tgt Ion: 56 Resp: 1269
Ion Ratio Lower Upper
56 100
69 157.7 25.3 37.9#
84 122.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 45.546 ug/l

RT: 8.067 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY020458.D

Acq: 27 Nov 2024 12:33

Instrument :

MSVOA_Y

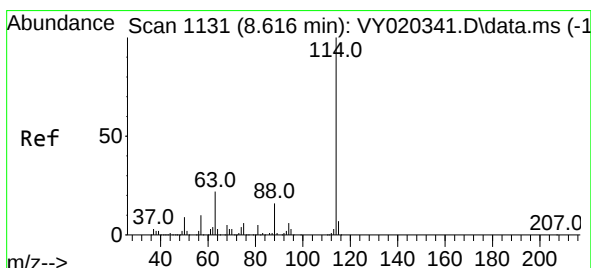
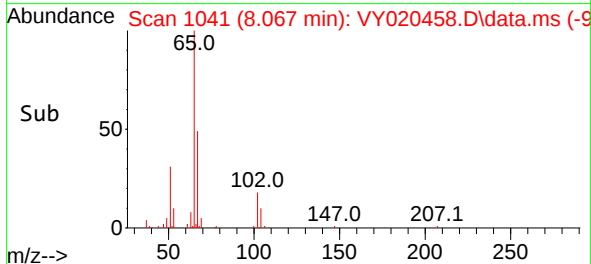
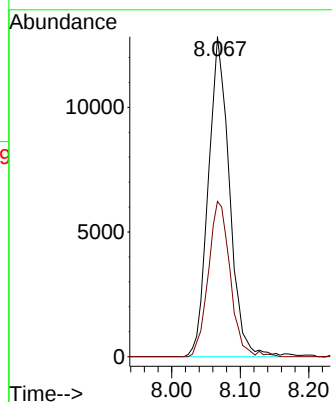
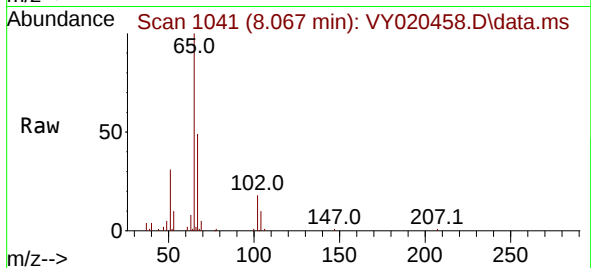
ClientSampleId :

Tgt Ion: 65 Resp: 27501

Ion Ratio Lower Upper

65 100

67 49.7 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.621 min Scan# 1132

Delta R.T. 0.006 min

Lab File: VY020458.D

Acq: 27 Nov 2024 12:33

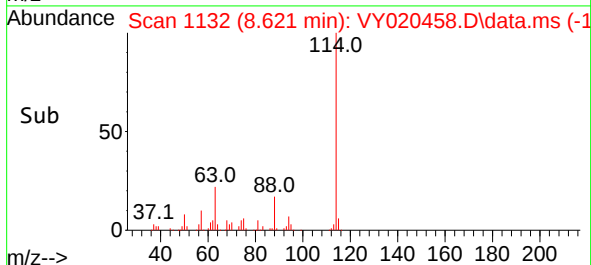
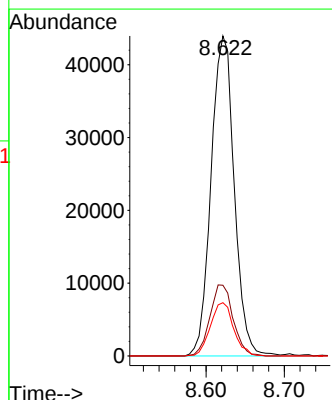
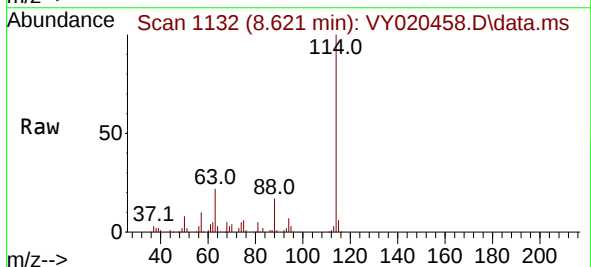
Tgt Ion: 114 Resp: 90250

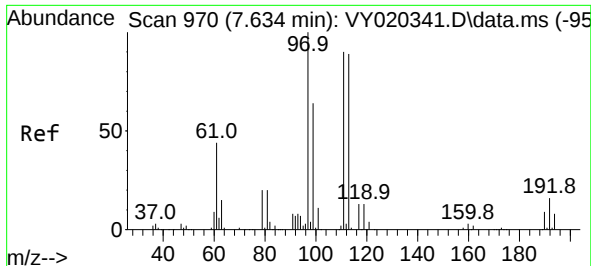
Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.8

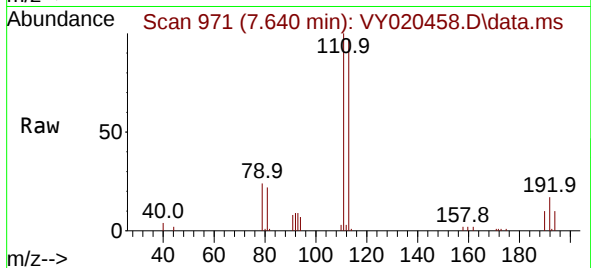
88 16.6 0.0 32.0



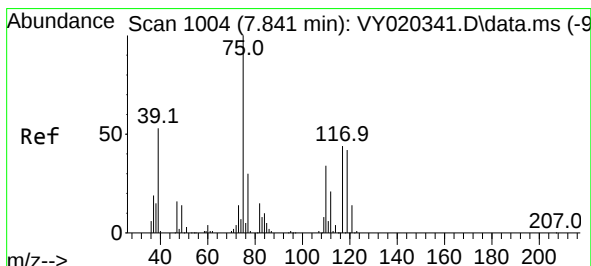
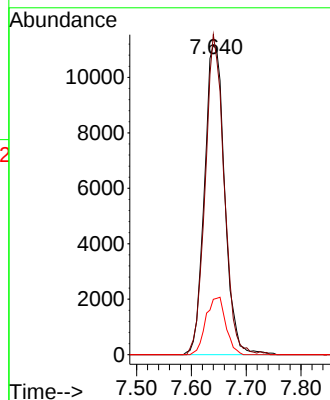
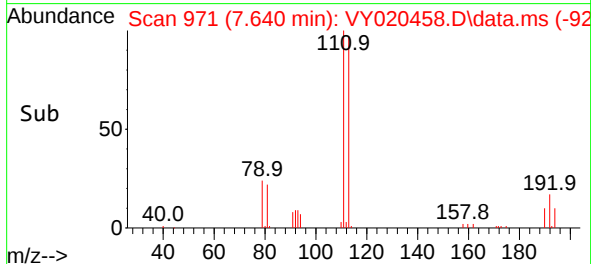


#35
Dibromofluoromethane
Concen: 49.350 ug/l
RT: 7.640 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020458.D
Acq: 27 Nov 2024 12:33

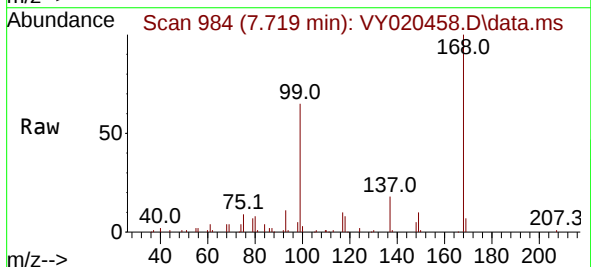
Instrument :
MSVOA_Y
ClientSampleId :



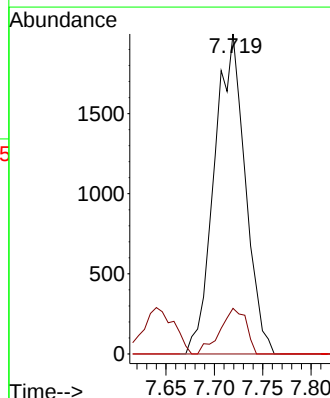
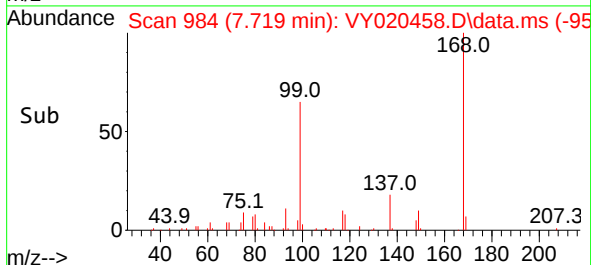
Tgt Ion:113 Resp: 28559
Ion Ratio Lower Upper
113 100
111 96.5 81.4 122.0
192 18.2 15.1 22.7

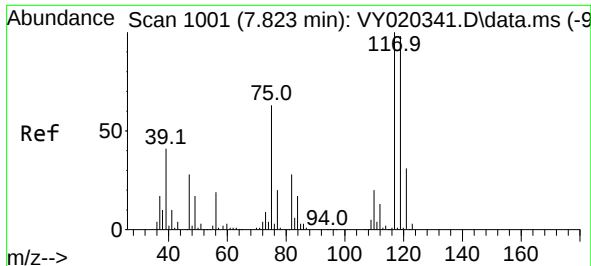


#36
1,1-Dichloropropene
Concen: 5.007 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY020458.D
Acq: 27 Nov 2024 12:33



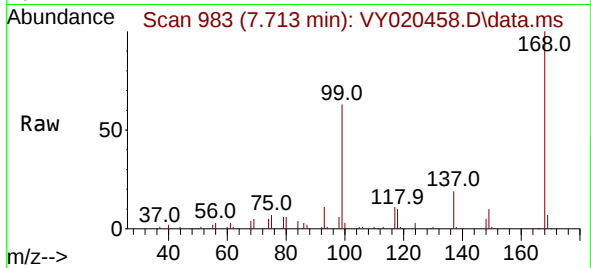
Tgt Ion: 75 Resp: 4426
Ion Ratio Lower Upper
75 100
110 12.1 16.7 50.0#
77 0.0 24.6 36.8#



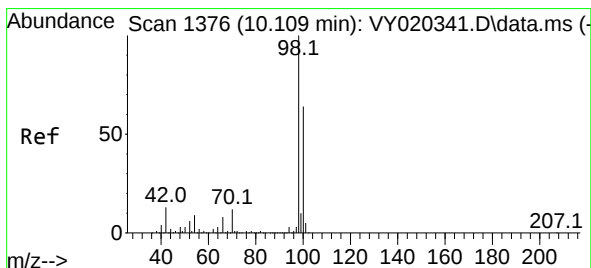
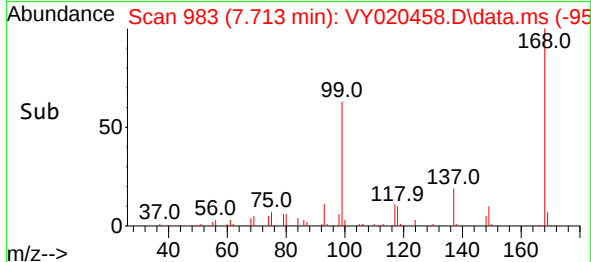
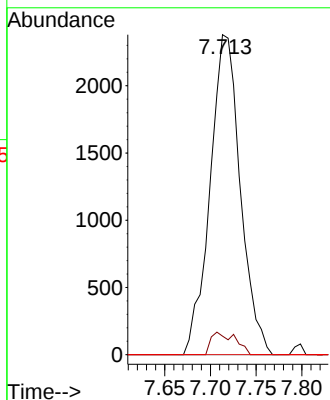


#38
Carbon Tetrachloride
Concen: 5.955 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020458.D
Acq: 27 Nov 2024 12:33

Instrument :
MSVOA_Y
ClientSampleId :

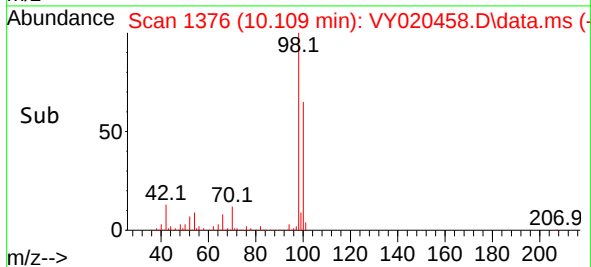
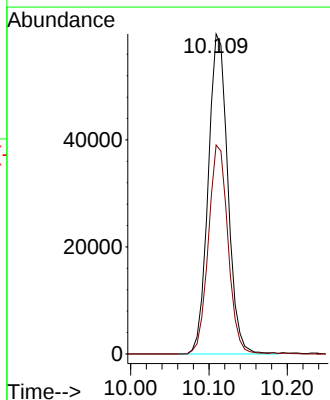
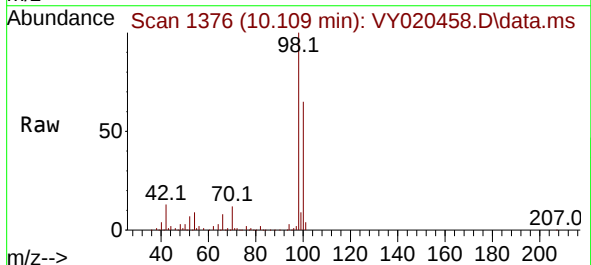


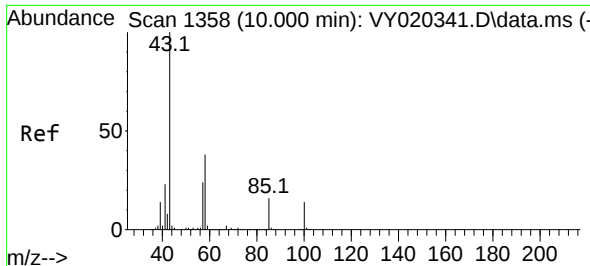
Tgt Ion:117 Resp: 5496
Ion Ratio Lower Upper
117 100
119 5.8 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 45.548 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. -0.000 min
Lab File: VY020458.D
Acq: 27 Nov 2024 12:33

Tgt Ion: 98 Resp: 103833
Ion Ratio Lower Upper
98 100
100 65.3 51.3 76.9

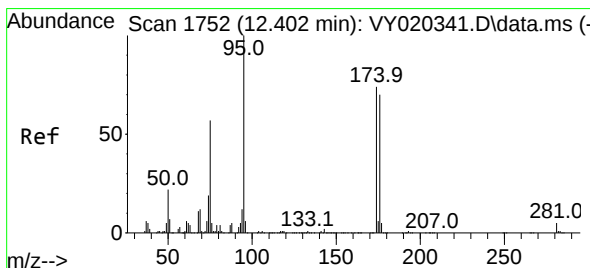
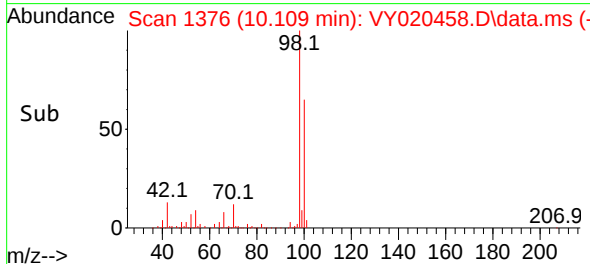
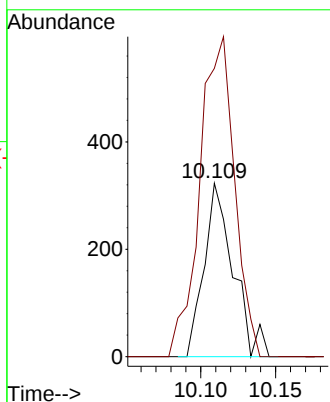
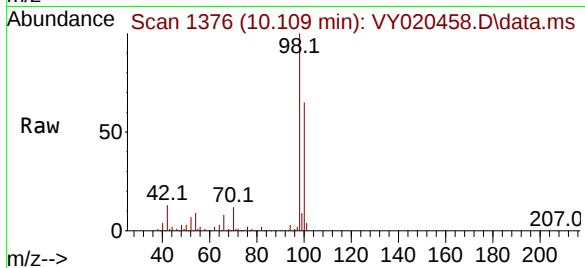




#51
4-Methyl-2-Pentanone
Concen: 1.091 ug/l
RT: 10.109 min Scan# 1358
Delta R.T. 0.109 min
Lab File: VY020458.D
Acq: 27 Nov 2024 12:33

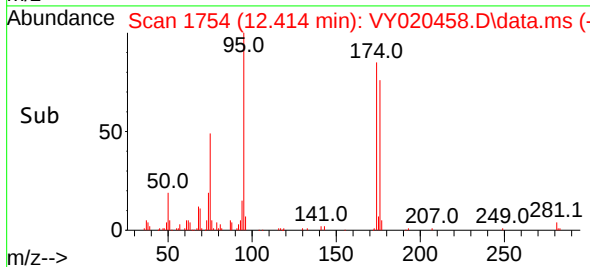
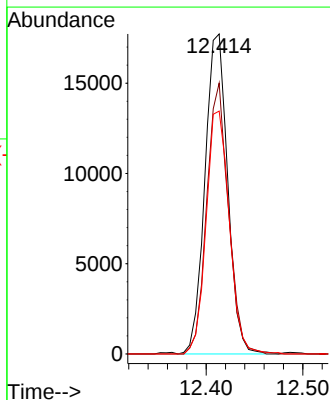
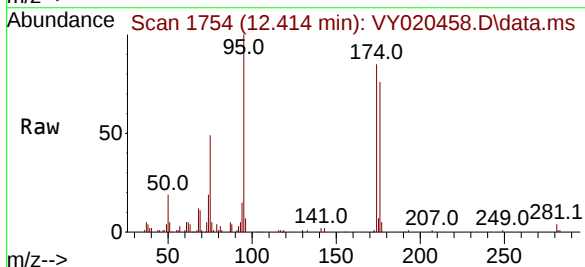
Instrument :
MSVOA_Y
ClientSampleId :

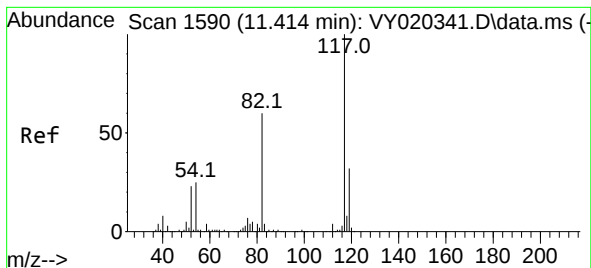
Tgt Ion: 43 Resp: 436
Ion Ratio Lower Upper
43 100
58 220.6 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 39.586 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.012 min
Lab File: VY020458.D
Acq: 27 Nov 2024 12:33

Tgt Ion: 95 Resp: 29010
Ion Ratio Lower Upper
95 100
174 80.7 0.0 156.8
176 77.3 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: VY020458.D

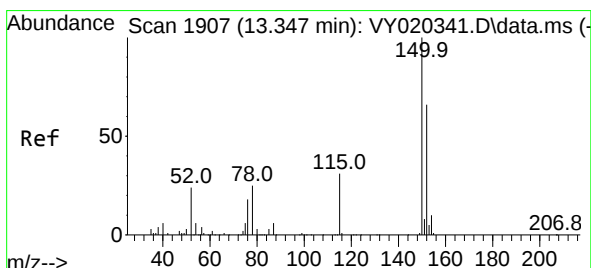
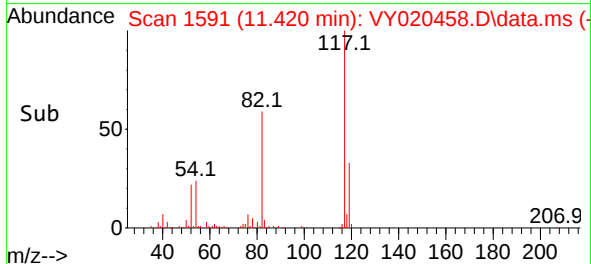
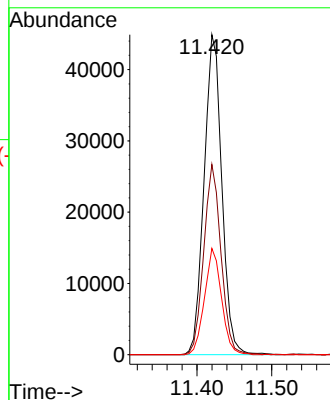
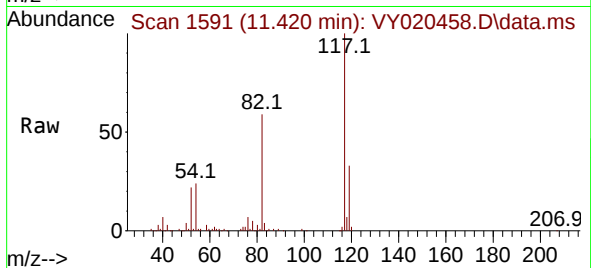
Acq: 27 Nov 2024 12:33

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	74143
Ion	Ratio	Lower Upper
117	100	
82	59.4	48.2 72.4
119	33.2	25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

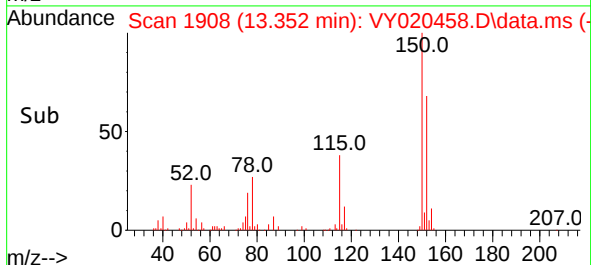
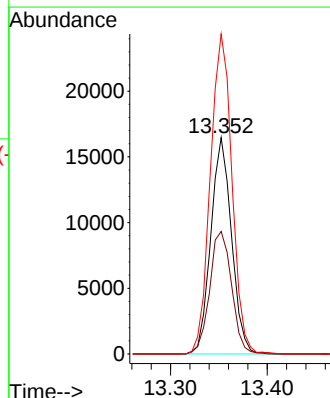
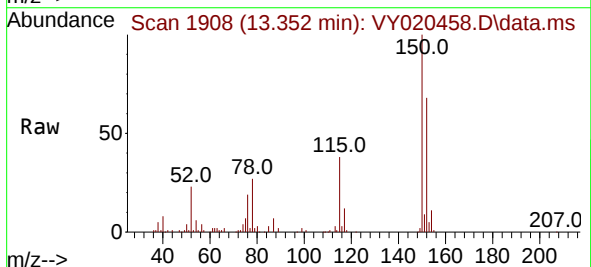
RT: 13.352 min Scan# 1908

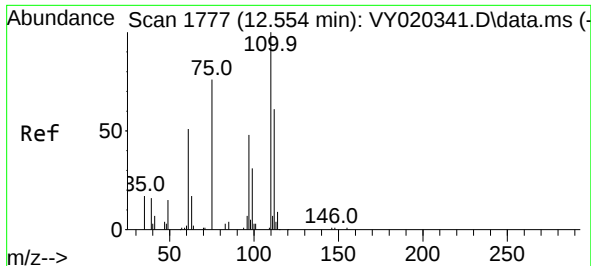
Delta R.T. 0.006 min

Lab File: VY020458.D

Acq: 27 Nov 2024 12:33

Tgt Ion:152	Resp:	24484
Ion	Ratio	Lower Upper
152	100	
115	59.8	30.0 90.0
150	153.9	0.0 348.2

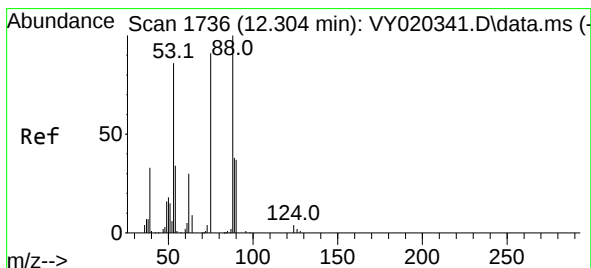
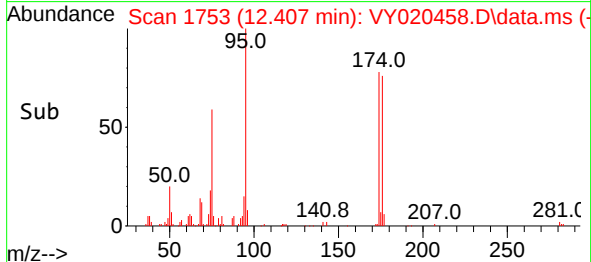
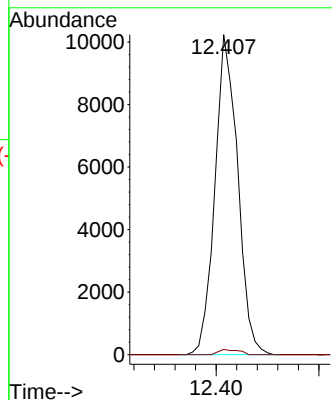
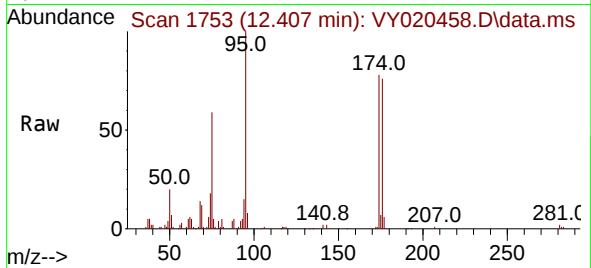




#76
1,2,3-Trichloropropane
Concen: 67.964 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.147 min
Lab File: VY020458.D
Acq: 27 Nov 2024 12:33

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 15684
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.172 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.103 min
Lab File: VY020458.D
Acq: 27 Nov 2024 12:33

Tgt Ion: 75 Resp: 15684
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

