

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020499.D
 Acq On : 03 Dec 2024 12:17
 Operator : SY/MD
 Sample : P5052-09
 Misc : 5.70g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 03 21:44:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y120224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 03 01:39:23 2024
 Response via : Initial Calibration

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

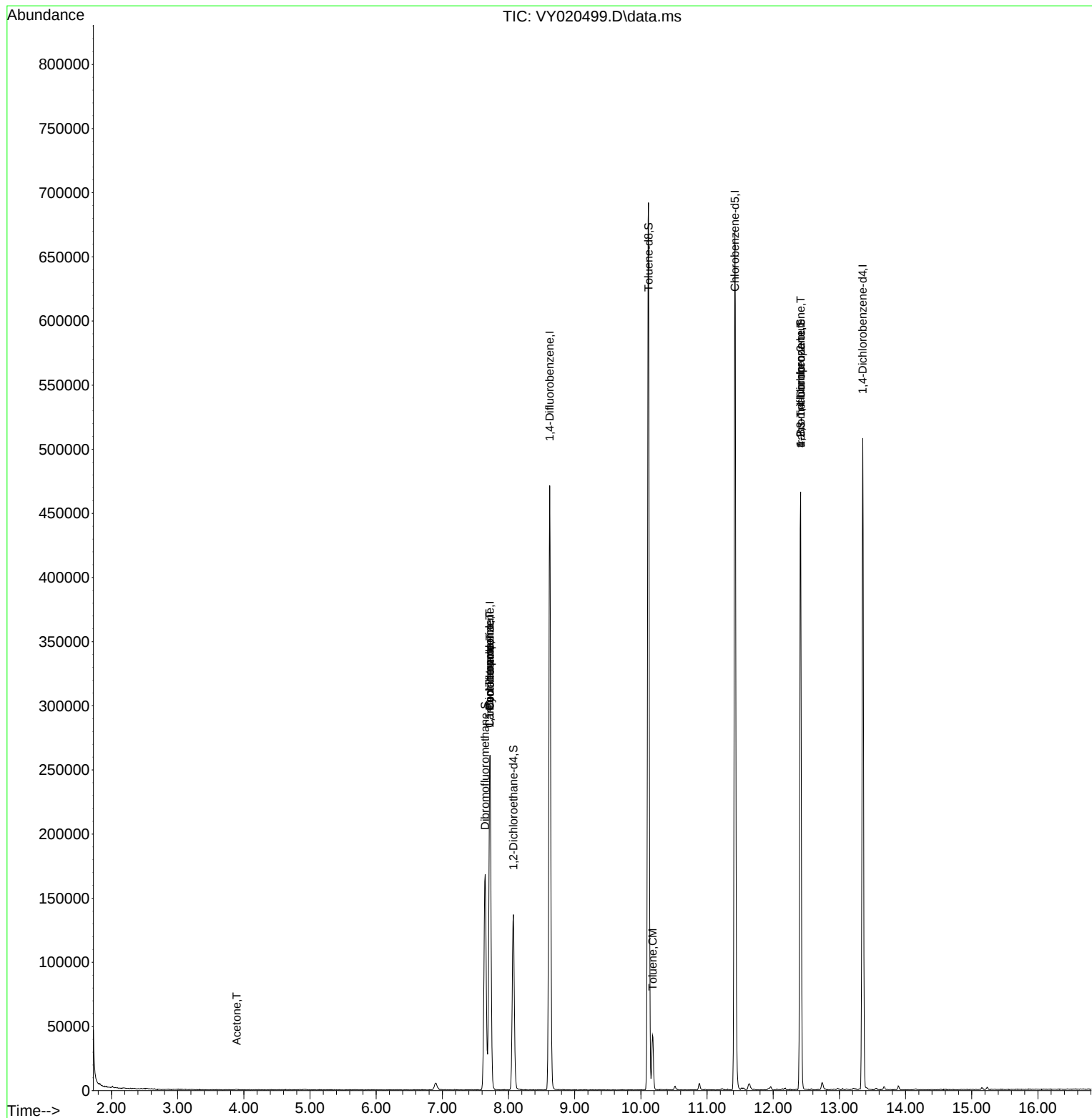
Internal Standards						
1) Pentafluorobenzene	7.719	168	195290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	381208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	341025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	125403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	112594	56.690	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.380%			
35) Dibromofluoromethane	7.646	113	118143	49.229	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.460%			
50) Toluene-d8	10.115	98	451334	49.389	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.780%			
62) 4-Bromofluorobenzene	12.414	95	142453	44.571	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 89.140%			
Target Compounds					Qvalue	
16) Acetone	3.891	43	829	1.679	ug/l #	81
31) Cyclohexane	7.719	56	4420	1.129	ug/l #	6
36) 1,1-Dichloropropene	7.713	75	16436	4.056	ug/l #	51
38) Carbon Tetrachloride	7.713	117	20865	4.314	ug/l #	14
52) Toluene	10.176	92	17173	2.304	ug/l	99
76) 1,2,3-Trichloropropane	12.414	75	78838	61.715	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	78838	126.629	ug/l #	9

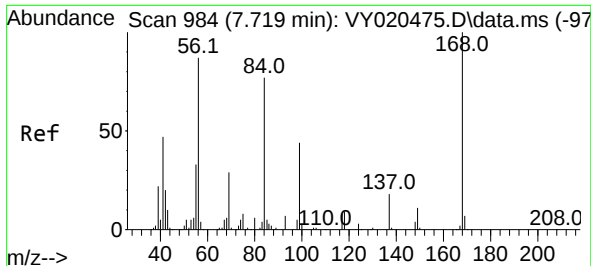
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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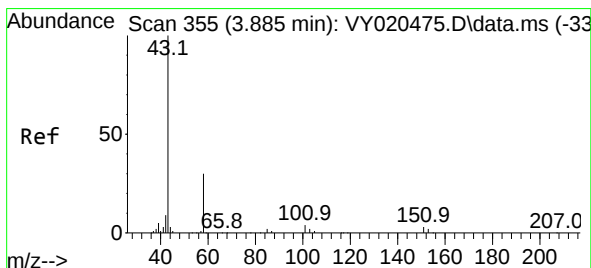
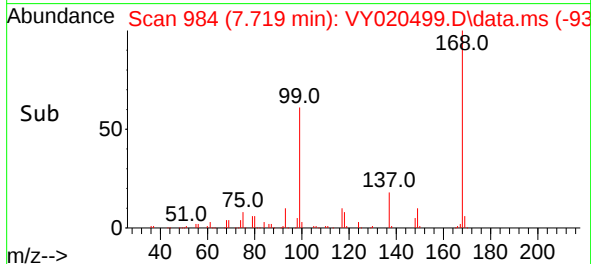
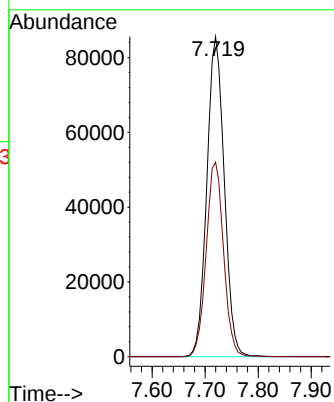
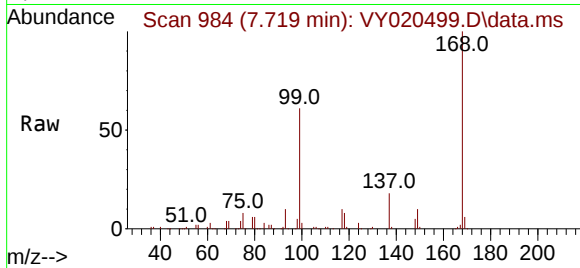




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020499.D
Acq: 03 Dec 2024 12:17

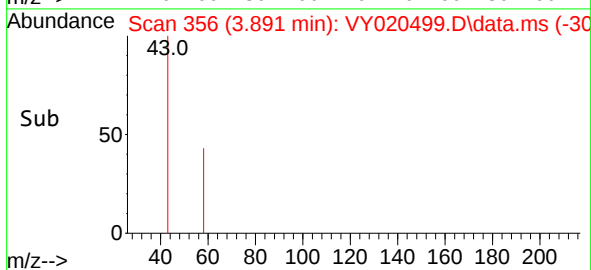
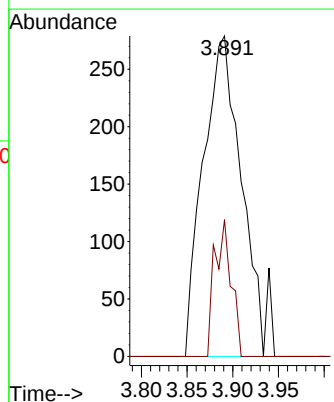
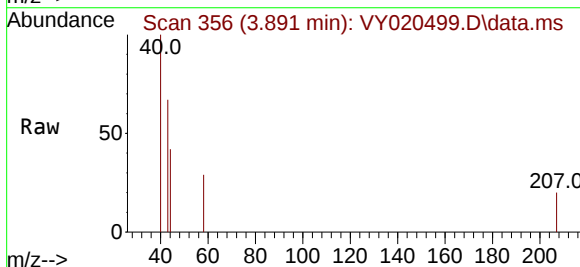
Instrument :
MSVOA_Y
ClientSampleId :

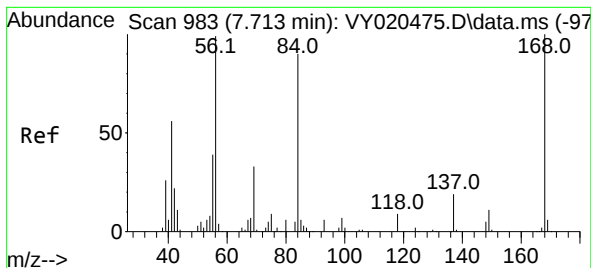
Tgt Ion:168 Resp: 195290
Ion Ratio Lower Upper
168 100
99 60.8 46.6 69.8



#16
Acetone
Concen: 1.679 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.006 min
Lab File: VY020499.D
Acq: 03 Dec 2024 12:17

Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 42.7 25.7 38.5#





#31

Cyclohexane

Concen: 1.129 ug/l

RT: 7.719 min Scan# 984

Delta R.T. 0.006 min

Lab File: VY020499.D

Acq: 03 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

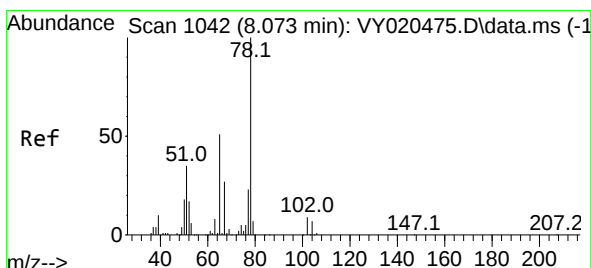
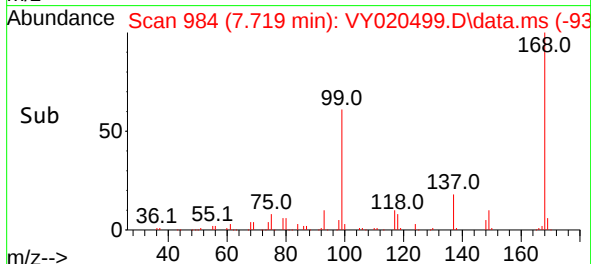
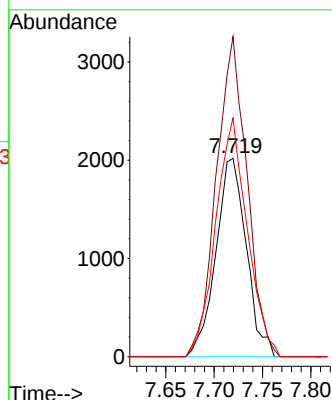
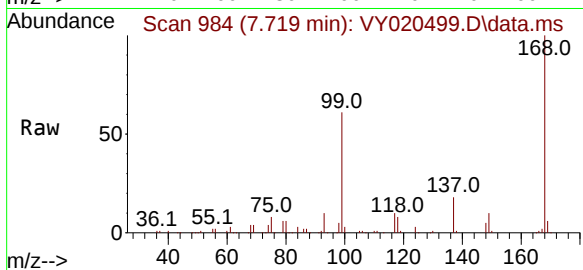
Tgt Ion: 56 Resp: 4420

Ion Ratio Lower Upper

56 100

69 161.3 25.3 37.9#

84 120.3 66.9 100.3#



#33

1,2-Dichloroethane-d4

Concen: 56.690 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY020499.D

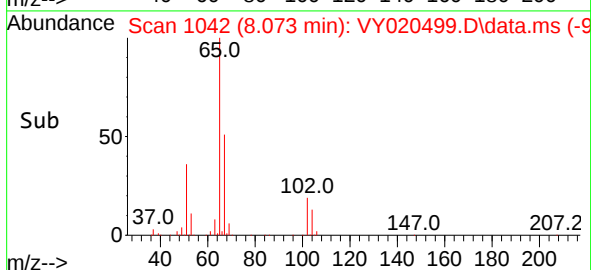
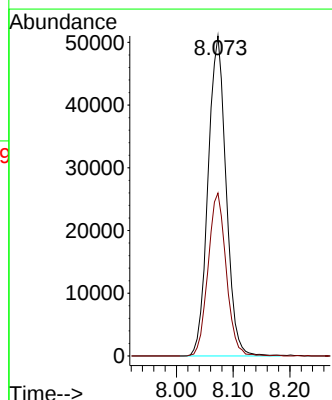
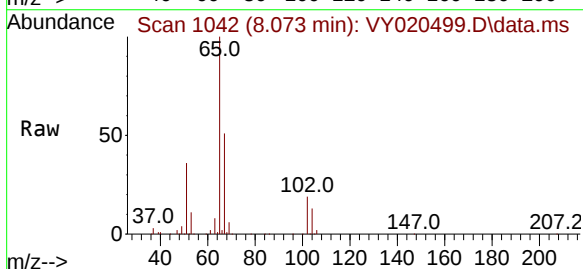
Acq: 03 Dec 2024 12:17

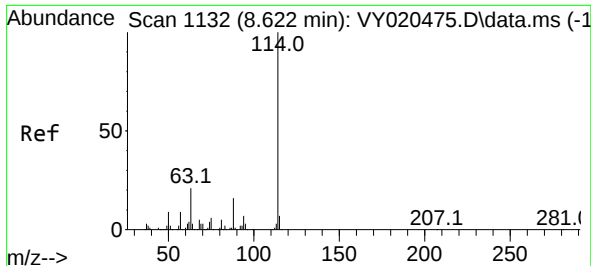
Tgt Ion: 65 Resp: 112594

Ion Ratio Lower Upper

65 100

67 51.2 0.0 105.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.000 min

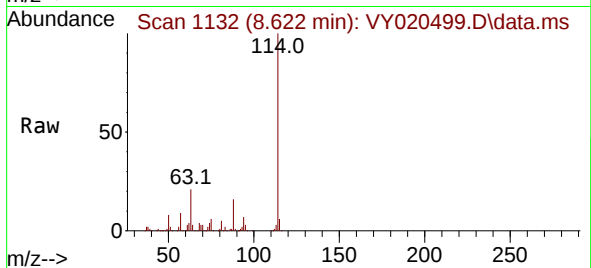
Lab File: VY020499.D

Acq: 03 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :



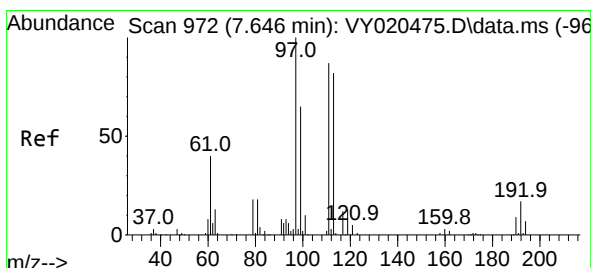
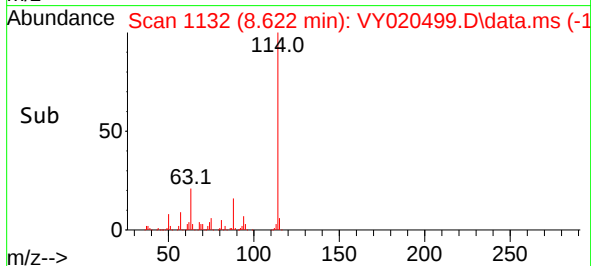
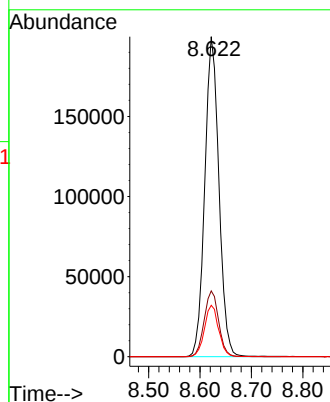
Tgt Ion:114 Resp: 381208

Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.8

88 16.1 0.0 32.0



#35

Dibromofluoromethane

Concen: 49.229 ug/l

RT: 7.646 min Scan# 972

Delta R.T. 0.000 min

Lab File: VY020499.D

Acq: 03 Dec 2024 12:17

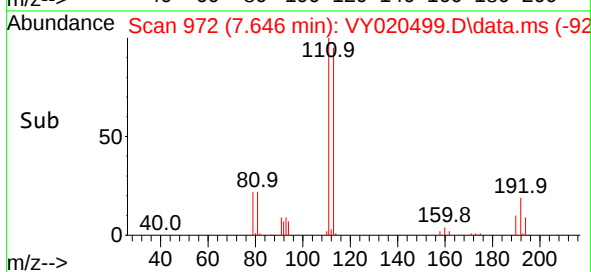
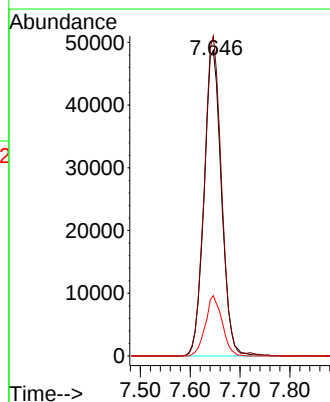
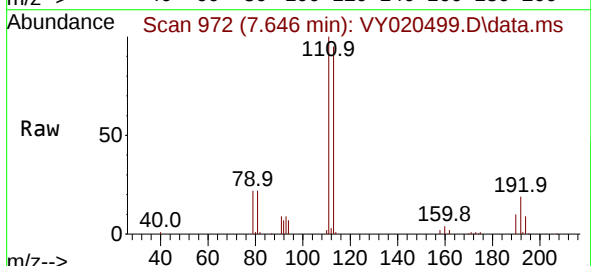
Tgt Ion:113 Resp: 118143

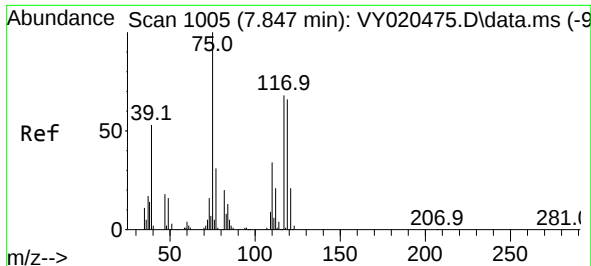
Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 19.0 15.1 22.7





#36

1,1-Dichloropropene

Concen: 4.056 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.134 min

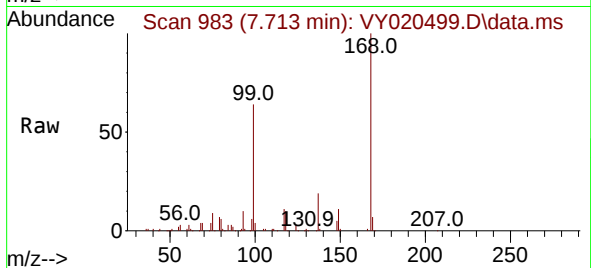
Lab File: VY020499.D

Acq: 03 Dec 2024 12:17

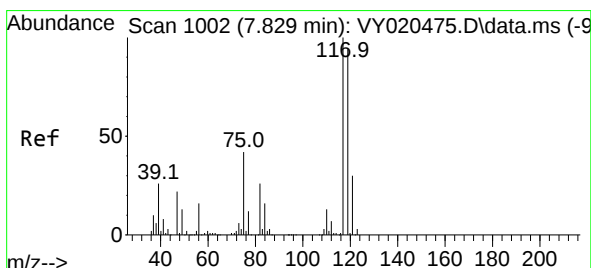
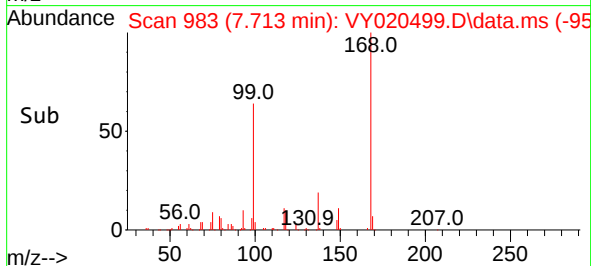
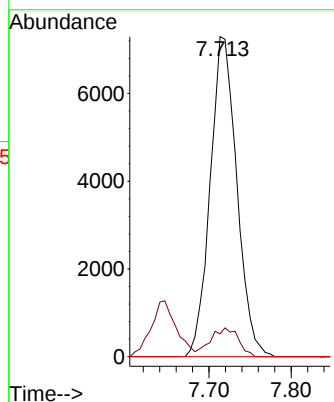
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 16436
Ion Ratio	Lower Upper
75	100
110	9.4 16.7 50.0#
77	0.0 24.6 36.8#



#38

Carbon Tetrachloride

Concen: 4.314 ug/l

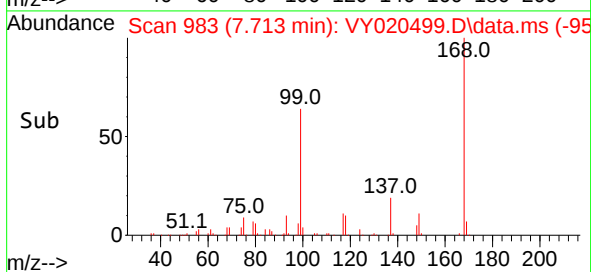
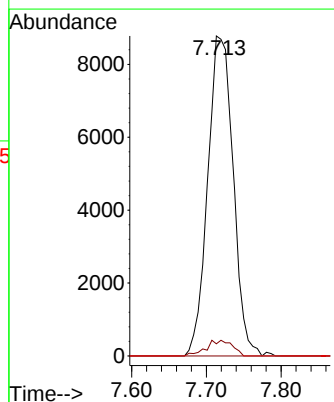
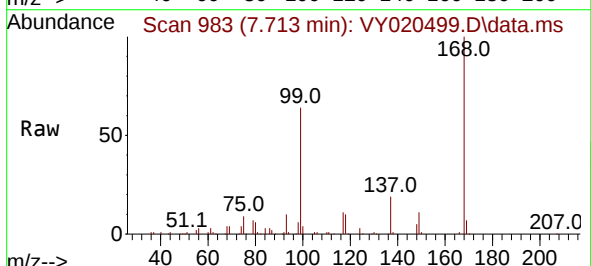
RT: 7.713 min Scan# 983

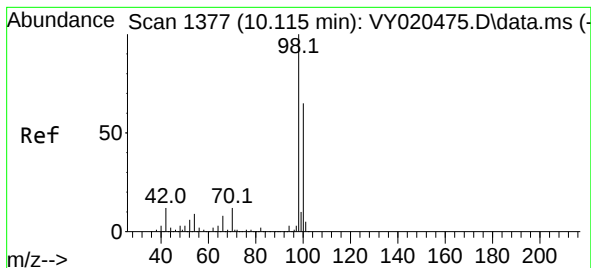
Delta R.T. -0.116 min

Lab File: VY020499.D

Acq: 03 Dec 2024 12:17

Tgt Ion: 117	Resp: 20865
Ion Ratio	Lower Upper
117	100
119	3.8 77.8 116.6#
121	0.0 24.6 37.0#





#50

Toluene-d8

Concen: 49.389 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020499.D

Acq: 03 Dec 2024 12:17

Instrument :

MSVOA_Y

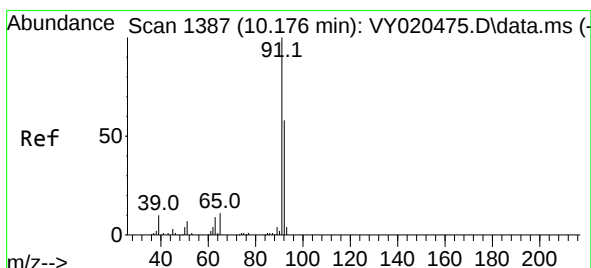
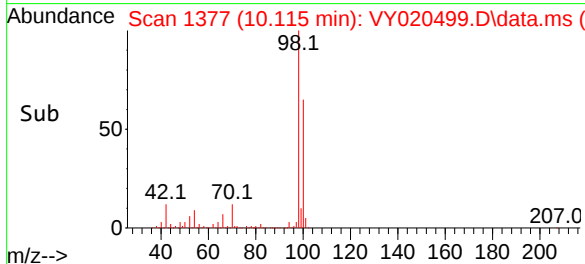
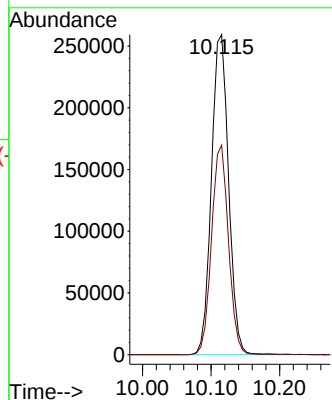
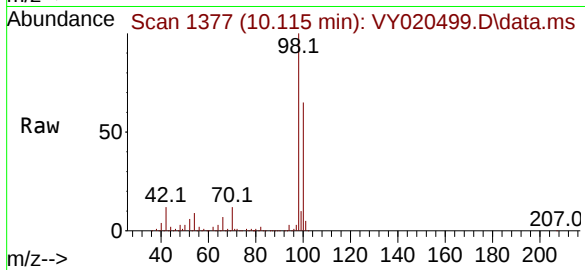
ClientSampleId :

Tgt Ion: 98 Resp: 451334

Ion Ratio Lower Upper

98 100

100 64.7 51.3 76.9



#52

Toluene

Concen: 2.304 ug/l

RT: 10.176 min Scan# 1387

Delta R.T. 0.000 min

Lab File: VY020499.D

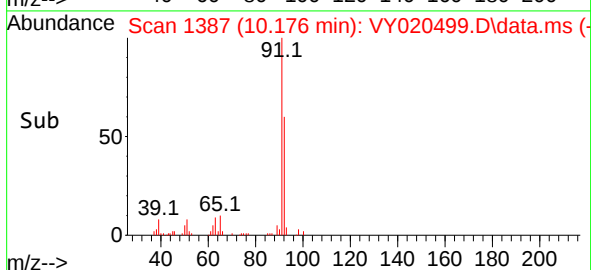
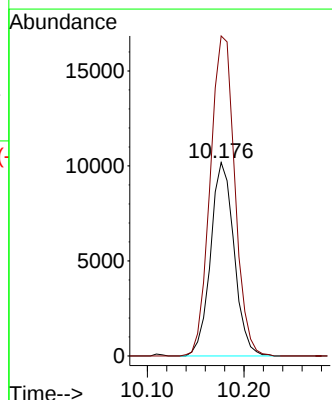
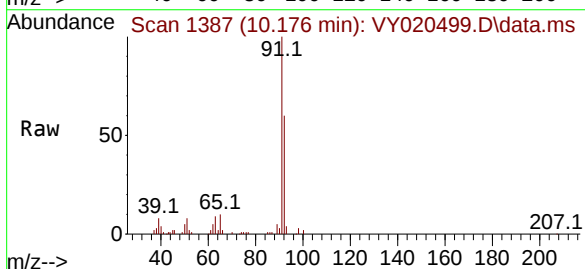
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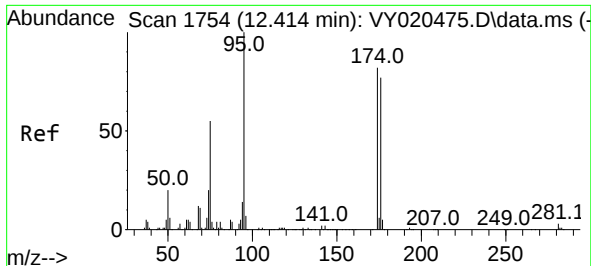
Tgt Ion: 92 Resp: 17173

Ion Ratio Lower Upper

92 100

91 173.4 139.7 209.5





#62

4-Bromofluorobenzene

Concen: 44.571 ug/l

RT: 12.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY020499.D

Acq: 03 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

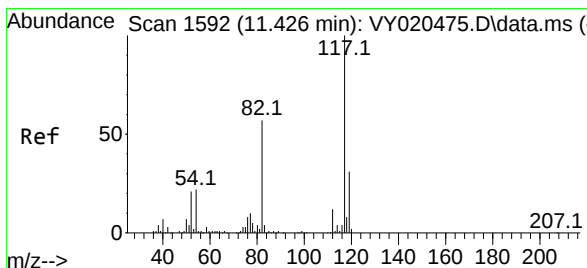
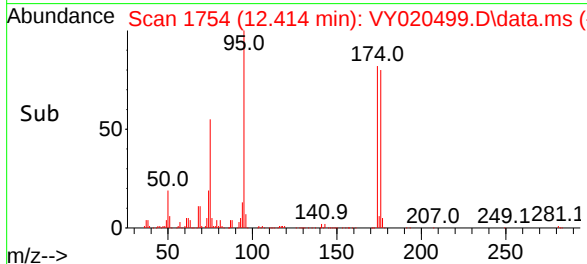
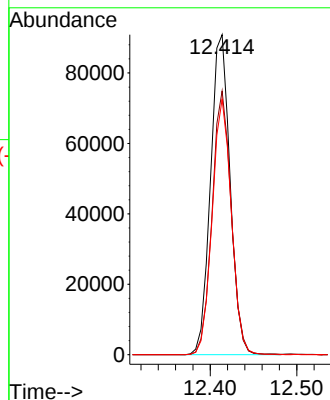
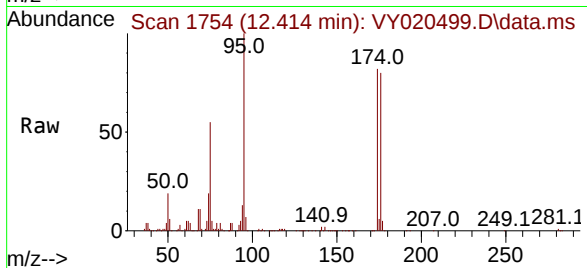
Tgt Ion: 95 Resp: 142453

Ion Ratio Lower Upper

95 100

174 80.5 0.0 156.8

176 78.3 0.0 152.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 1591

Delta R.T. -0.006 min

Lab File: VY020499.D

Acq: 03 Dec 2024 12:17

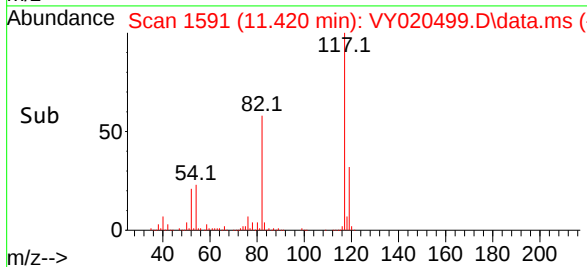
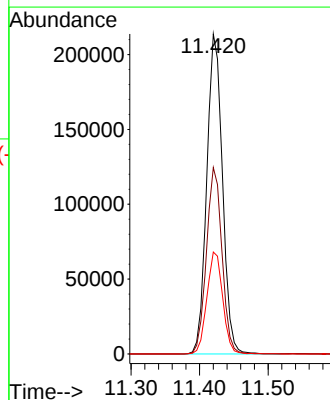
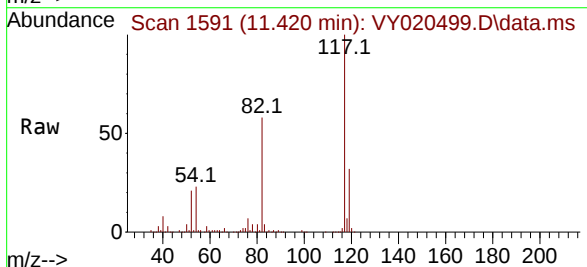
Tgt Ion: 117 Resp: 341025

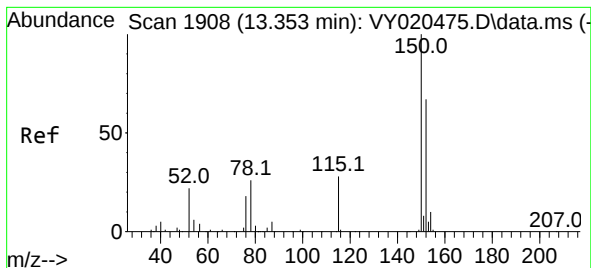
Ion Ratio Lower Upper

117 100

82 58.3 48.2 72.4

119 31.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY020499.D

Acq: 03 Dec 2024 12:17

Instrument :

MSVOA_Y

ClientSampleId :

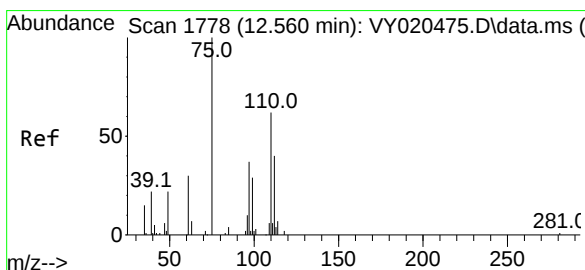
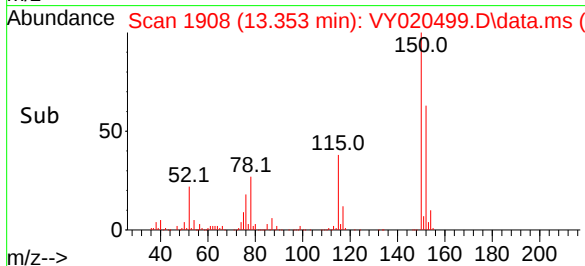
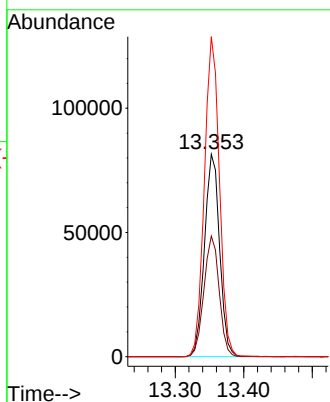
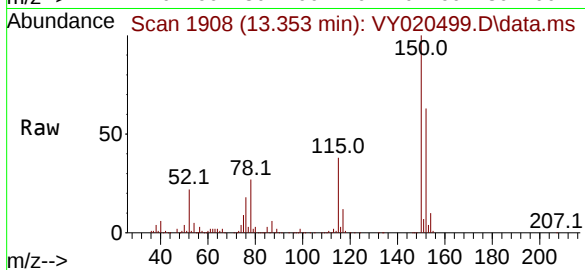
Tgt Ion:152 Resp: 125403

Ion Ratio Lower Upper

152 100

115 60.0 30.0 90.0

150 156.7 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 61.715 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.146 min

Lab File: VY020499.D

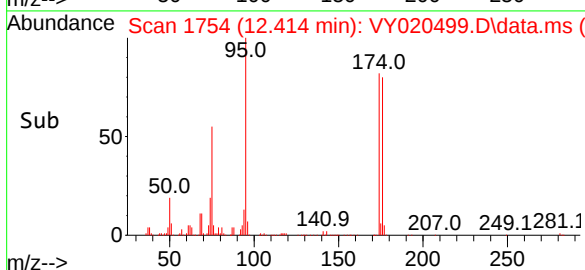
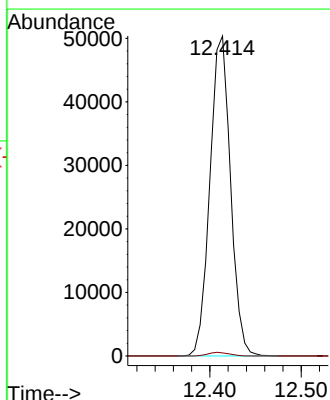
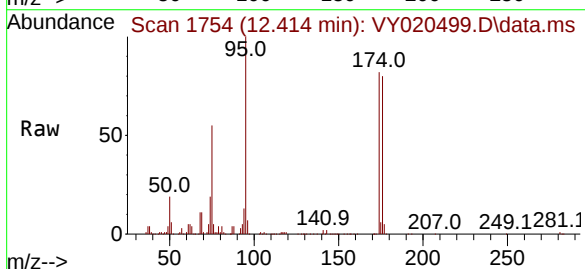
Acq: 03 Dec 2024 12:17

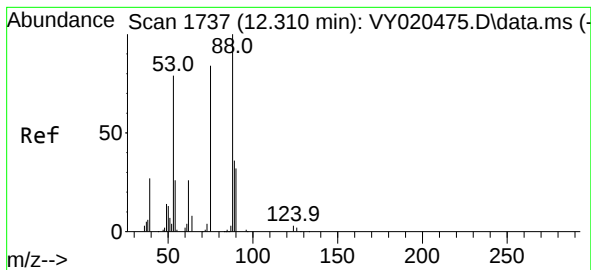
Tgt Ion: 75 Resp: 78838

Ion Ratio Lower Upper

75 100

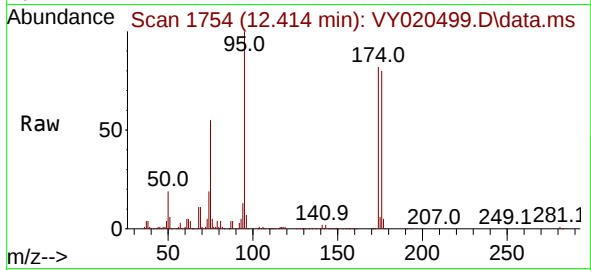
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.629 ug/l
 RT: 12.414 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY020499.D
 Acq: 03 Dec 2024 12:17

Instrument :
 MSVOA_Y
 ClientSampleId :



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

