

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020497.D
 Acq On : 03 Dec 2024 11:30
 Operator : SY/MD
 Sample : P5052-21
 Misc : 3.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 03 21:43:49 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)

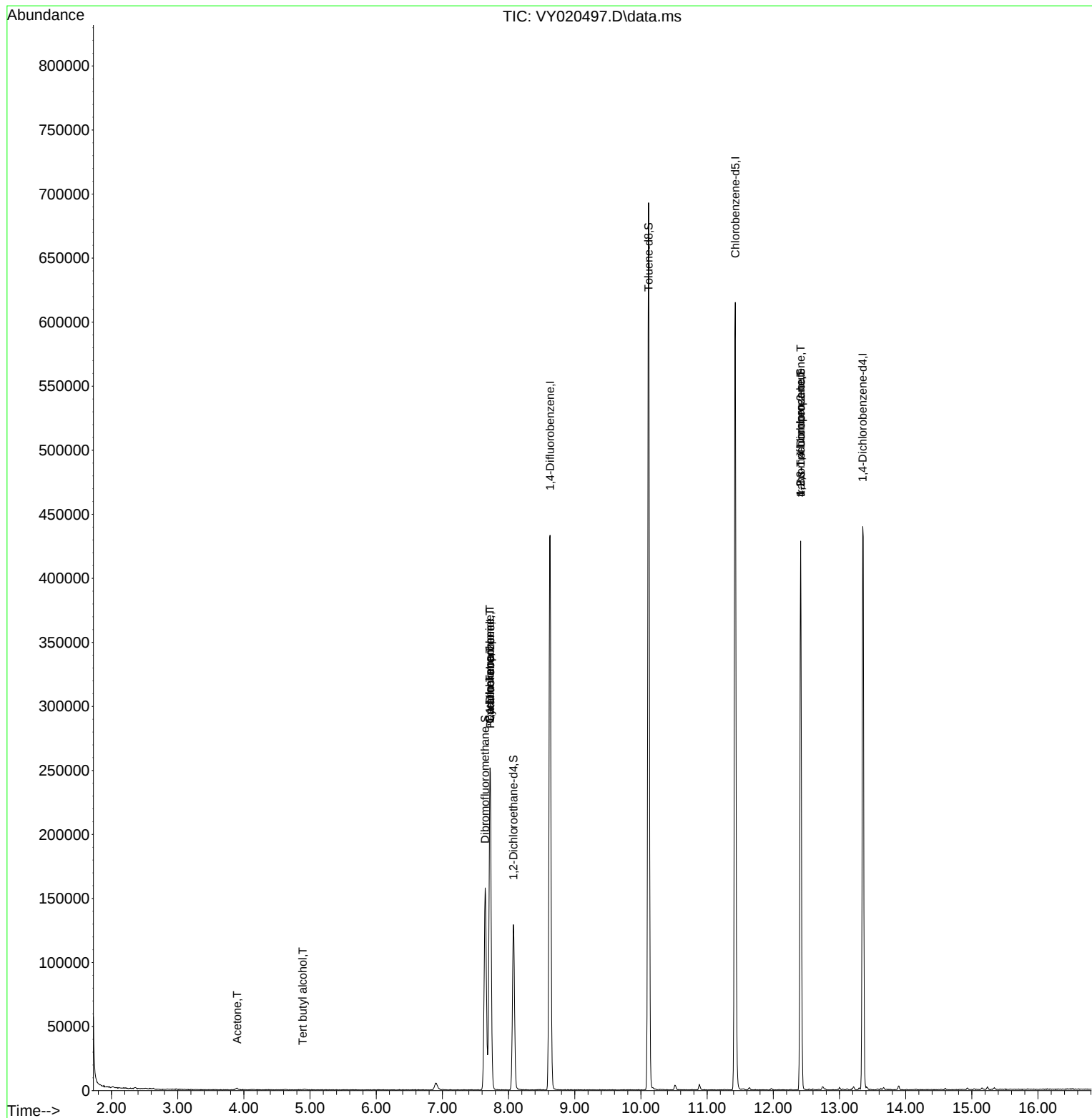
Internal Standards						
1) Pentafluorobenzene	7.725	168	191635	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.627	114	366421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	324684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	111199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	105624	54.195	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.400%	
35) Dibromofluoromethane	7.646	113	110668	47.975	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 95.940%	
50) Toluene-d8	10.115	98	436971	49.747	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	12.413	95	129008	41.993	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.890	59	191	1.511	ug/l #	73
16) Acetone	3.897	43	2213	4.567	ug/l	96
31) Cyclohexane	7.719	56	4336	1.129	ug/l #	14
36) 1,1-Dichloropropene	7.719	75	15567	3.996	ug/l #	52
38) Carbon Tetrachloride	7.719	117	20537	4.417	ug/l #	16
76) 1,2,3-Trichloropropane	12.413	75	72631	64.118	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.413	75	72631	131.561	ug/l #	9

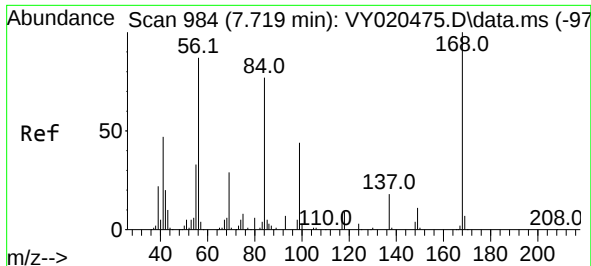
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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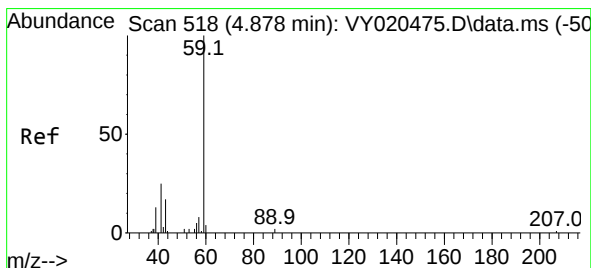
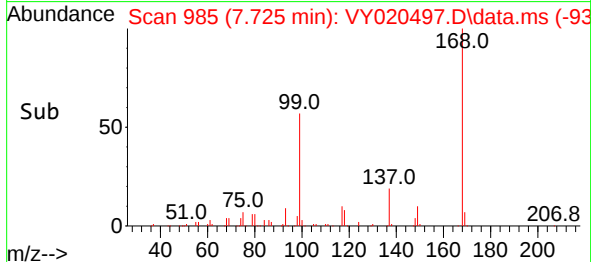
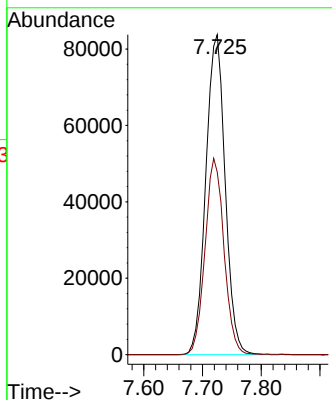
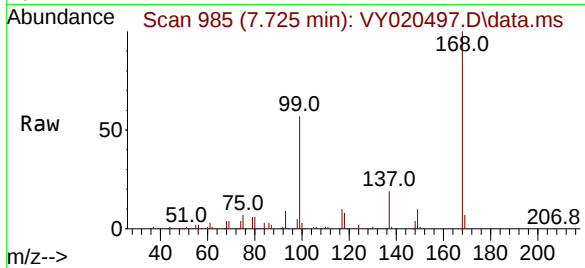




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.725 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020497.D
Acq: 03 Dec 2024 11:30

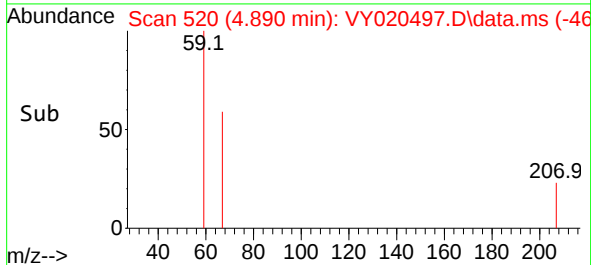
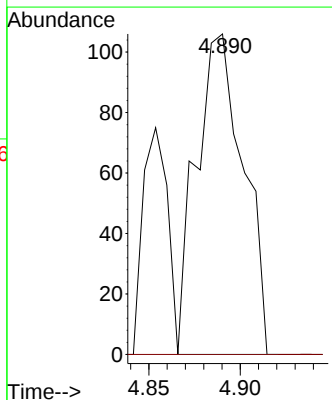
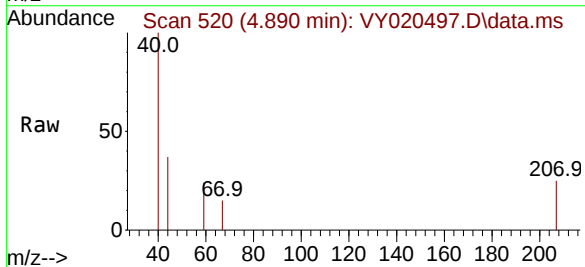
Instrument :
MSVOA_Y
ClientSampleId :

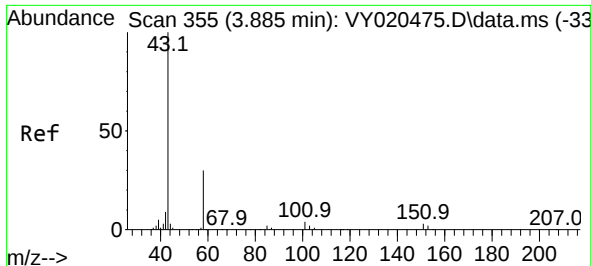
Tgt Ion:168 Resp: 191635
Ion Ratio Lower Upper
168 100
99 57.0 46.6 69.8



#11
Tert butyl alcohol
Concen: 1.511 ug/l
RT: 4.890 min Scan# 520
Delta R.T. 0.012 min
Lab File: VY020497.D
Acq: 03 Dec 2024 11:30

Tgt Ion: 59 Resp: 191
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 4.567 ug/l

RT: 3.897 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY020497.D

Acq: 03 Dec 2024 11:30

Instrument :

MSVOA_Y

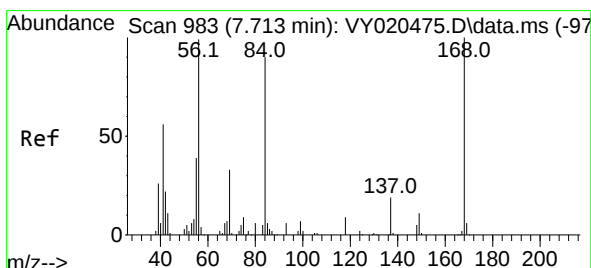
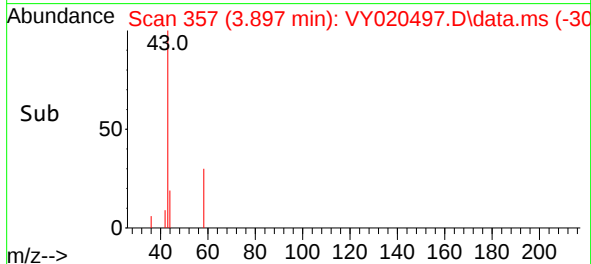
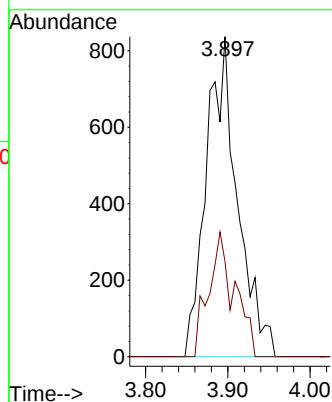
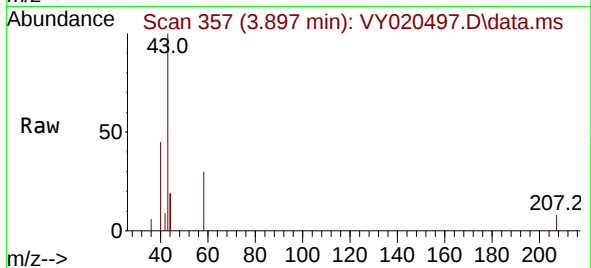
ClientSampleId :

Tgt Ion: 43 Resp: 2213

Ion Ratio Lower Upper

43 100

58 29.7 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: VY020497.D

Acq: 03 Dec 2024 11:30

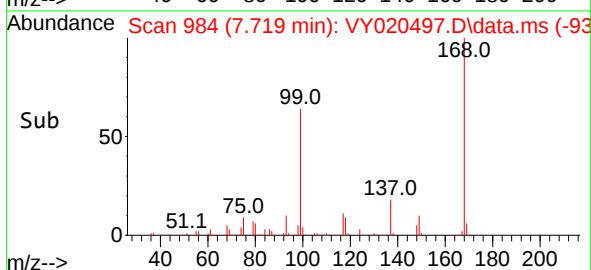
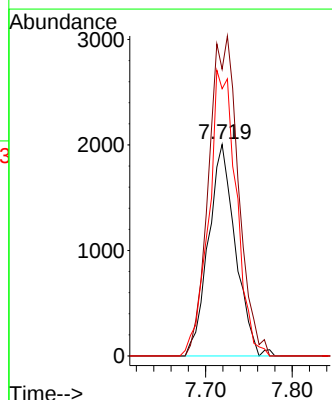
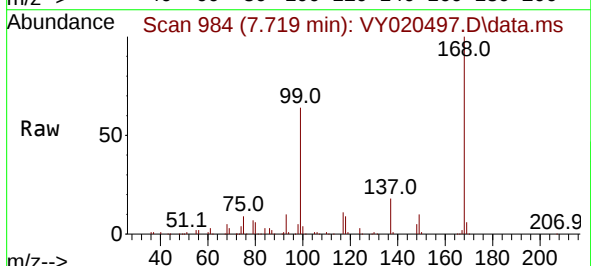
Tgt Ion: 56 Resp: 4336

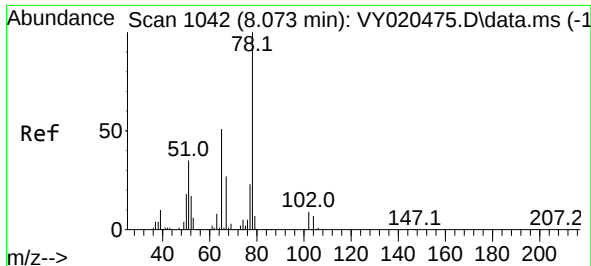
Ion Ratio Lower Upper

56 100

69 135.6 25.3 37.9#

84 126.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 54.195 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY020497.D

Acq: 03 Dec 2024 11:30

Instrument :

MSVOA_Y

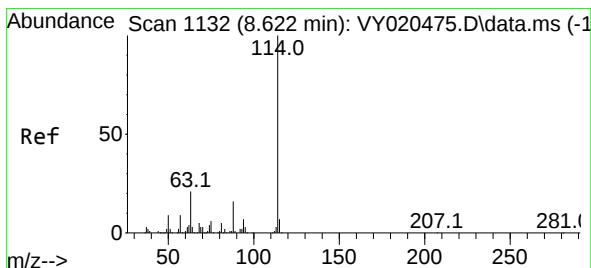
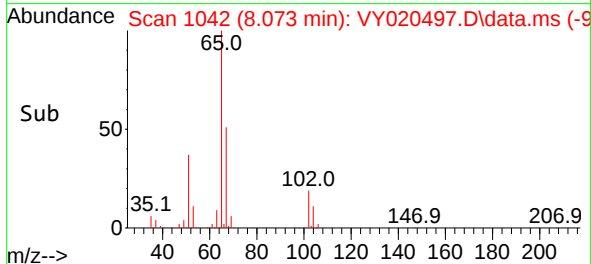
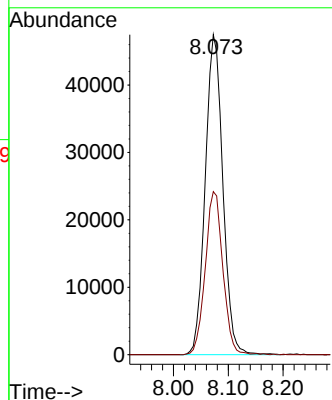
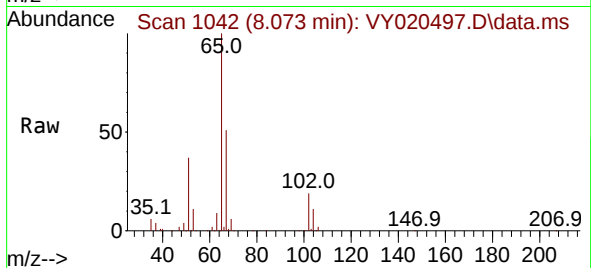
ClientSampleId :

Tgt Ion: 65 Resp: 105624

Ion Ratio Lower Upper

65 100

67 50.9 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.627 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VY020497.D

Acq: 03 Dec 2024 11:30

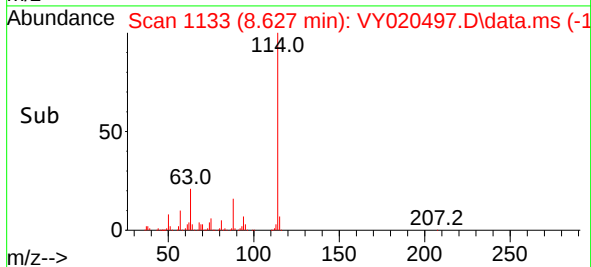
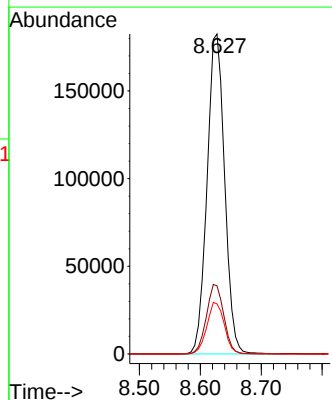
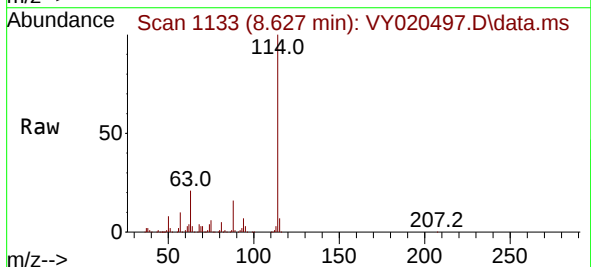
Tgt Ion:114 Resp: 366421

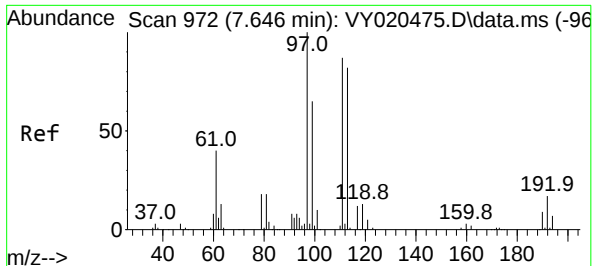
Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.8

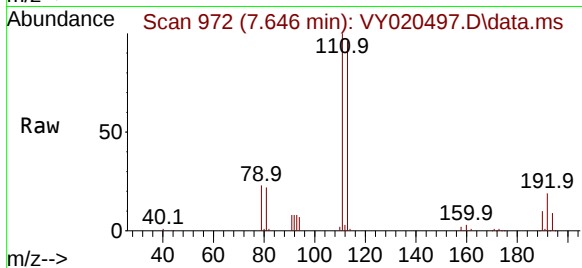
88 15.7 0.0 32.0



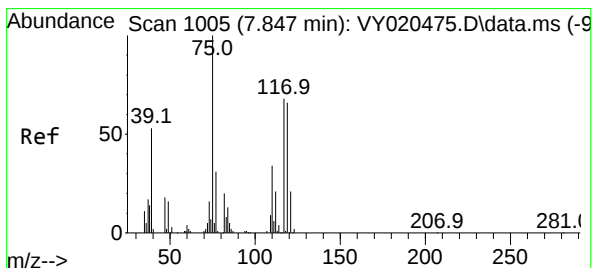
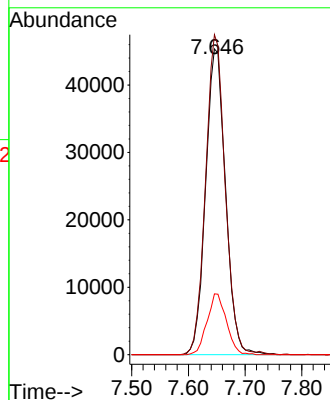
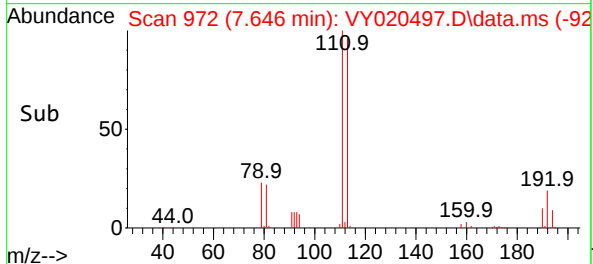


#35
Dibromofluoromethane
Concen: 47.975 ug/l
RT: 7.646 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020497.D
Acq: 03 Dec 2024 11:30

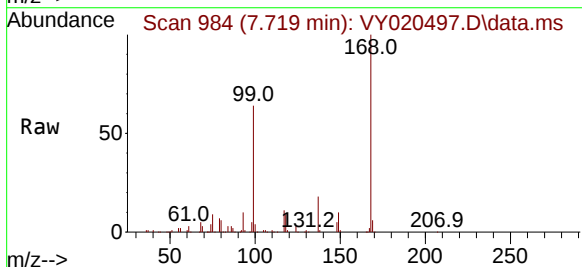
Instrument :
MSVOA_Y
ClientSampleId :



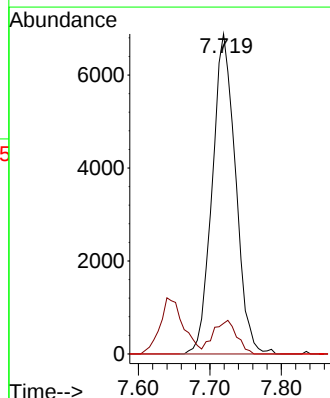
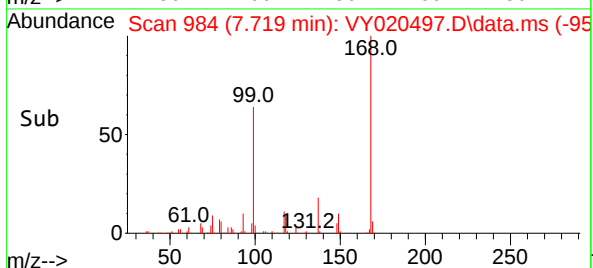
Tgt Ion:113 Resp: 110668
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 19.3 15.1 22.7

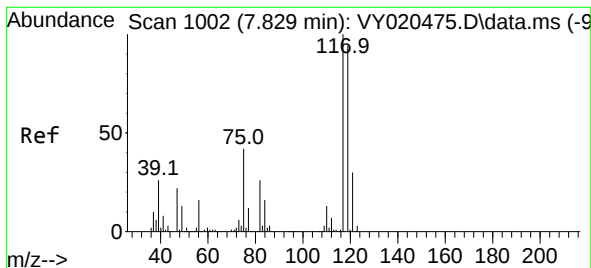


#36
1,1-Dichloropropene
Concen: 3.996 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.128 min
Lab File: VY020497.D
Acq: 03 Dec 2024 11:30



Tgt Ion: 75 Resp: 15567
Ion Ratio Lower Upper
75 100
110 10.6 16.7 50.0#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.417 ug/l

RT: 7.719 min Scan# 91

Delta R.T. -0.110 min

Lab File: VY020497.D

Acq: 03 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

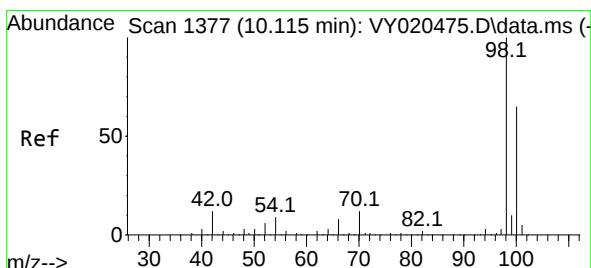
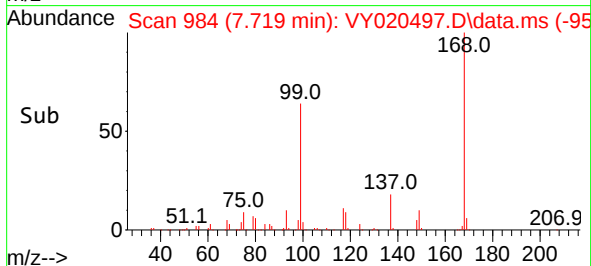
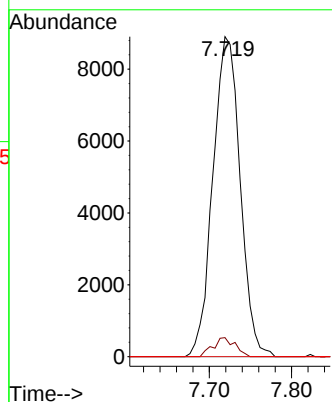
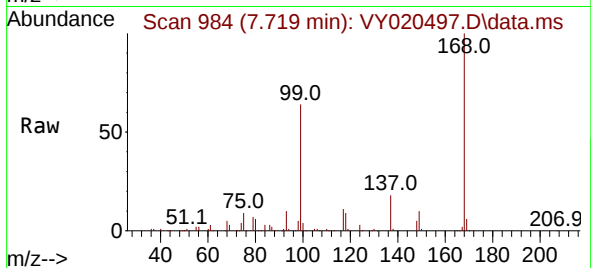
Tgt Ion:117 Resp: 20537

Ion Ratio Lower Upper

117 100

119 5.9 77.8 116.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 49.747 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VY020497.D

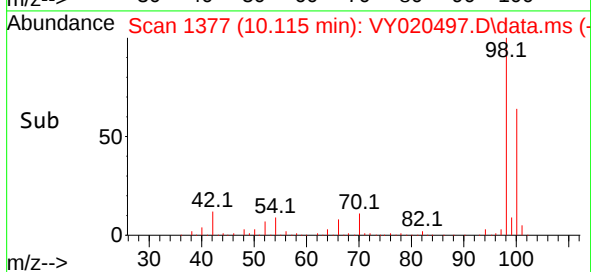
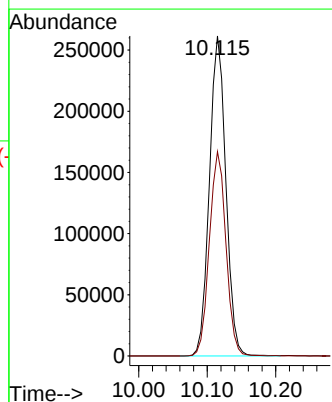
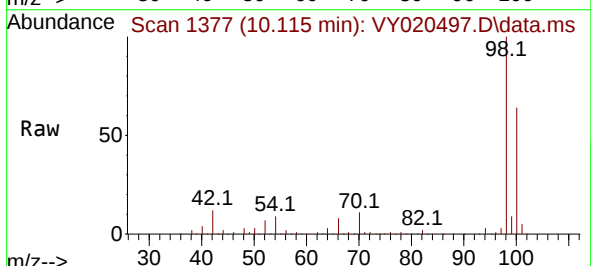
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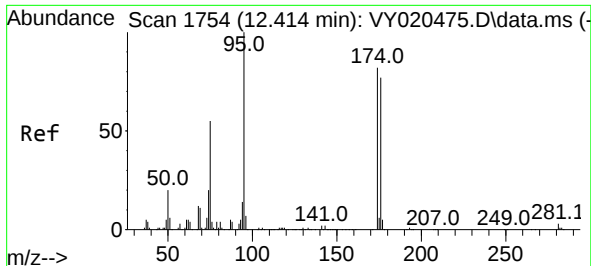
Tgt Ion: 98 Resp: 436971

Ion Ratio Lower Upper

98 100

100 64.5 51.3 76.9

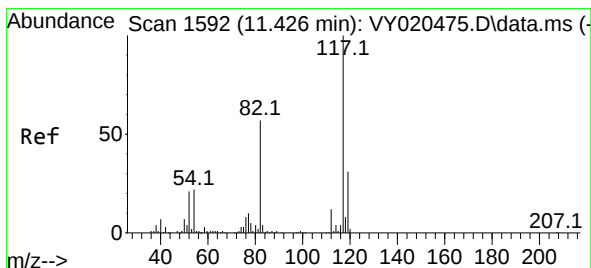
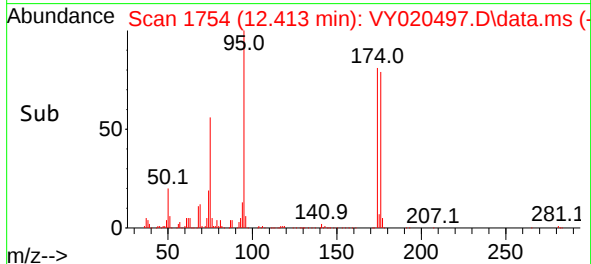
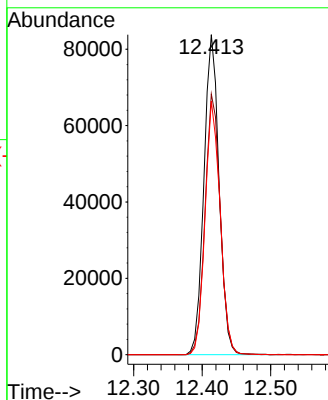
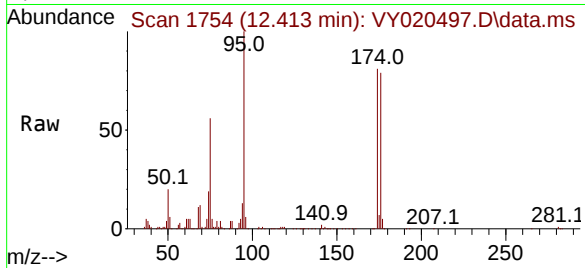




#62
4-Bromofluorobenzene
Concen: 41.993 ug/l
RT: 12.413 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY020497.D
Acq: 03 Dec 2024 11:30

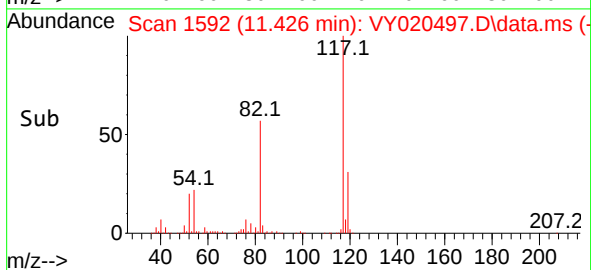
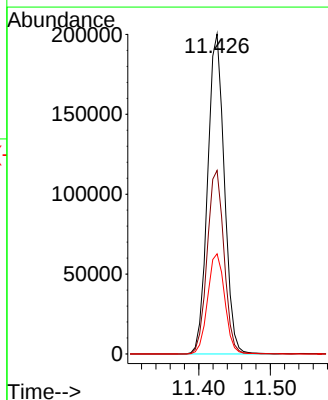
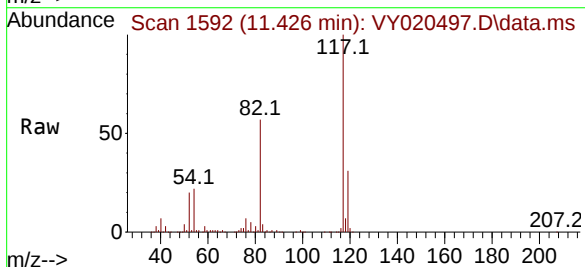
Instrument :
MSVOA_Y
ClientSampleId :

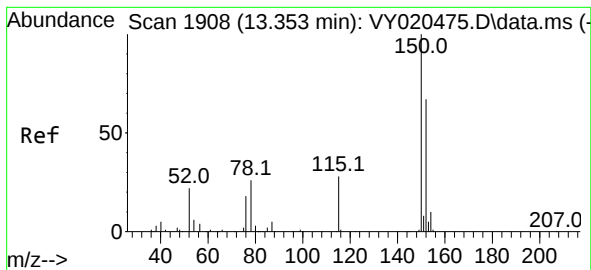
Tgt Ion: 95 Resp: 129008
Ion Ratio Lower Upper
95 100
174 82.1 0.0 156.8
176 78.8 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. -0.000 min
Lab File: VY020497.D
Acq: 03 Dec 2024 11:30

Tgt Ion: 117 Resp: 324684
Ion Ratio Lower Upper
117 100
82 57.3 48.2 72.4
119 31.3 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VY020497.D

Acq: 03 Dec 2024 11:30

Instrument :

MSVOA_Y

ClientSampleId :

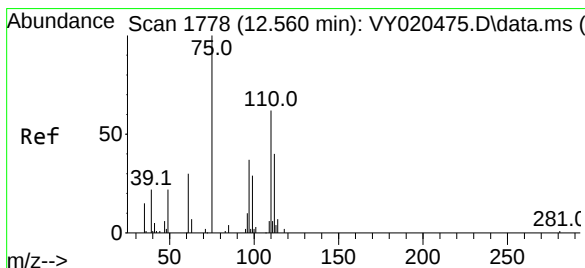
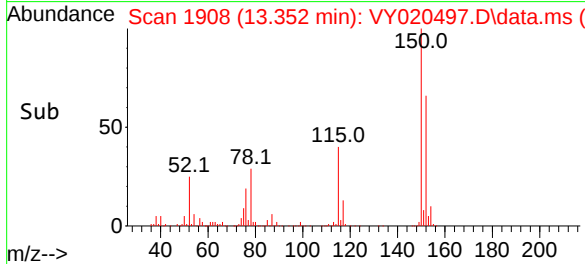
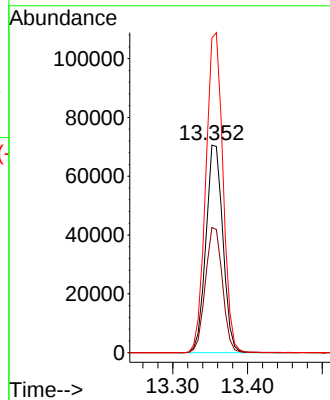
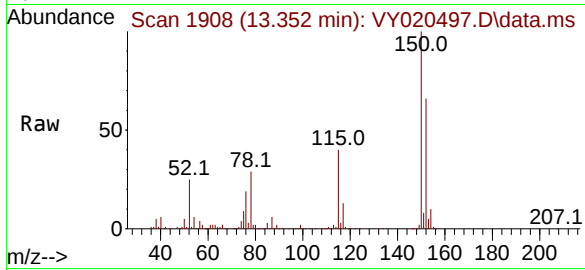
Tgt Ion:152 Resp: 111199

Ion Ratio Lower Upper

152 100

115 60.7 30.0 90.0

150 155.9 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 64.118 ug/l

RT: 12.413 min Scan# 1754

Delta R.T. -0.147 min

Lab File: VY020497.D

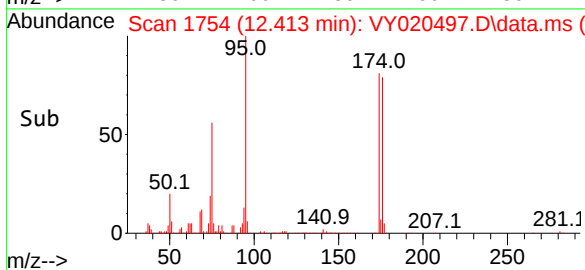
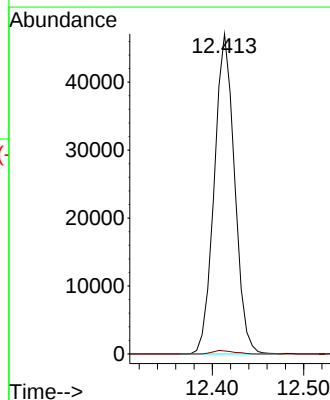
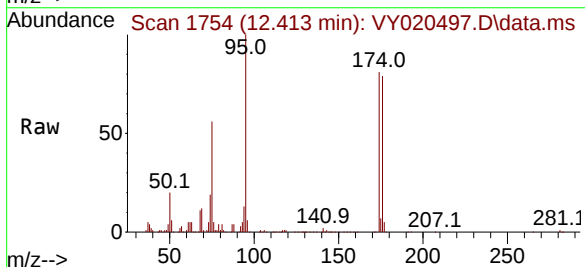
Acq: 03 Dec 2024 11:30

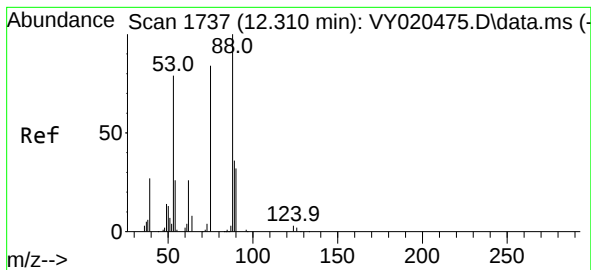
Tgt Ion: 75 Resp: 72631

Ion Ratio Lower Upper

75 100

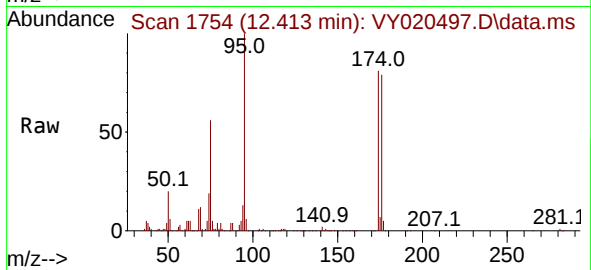
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 131.561 ug/l
RT: 12.413 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY020497.D
Acq: 03 Dec 2024 11:30

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#

