

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020498.D
 Acq On : 03 Dec 2024 11:53
 Operator : SY/MD
 Sample : P5050-15
 Misc : 5.35g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 03 21:44:09 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)

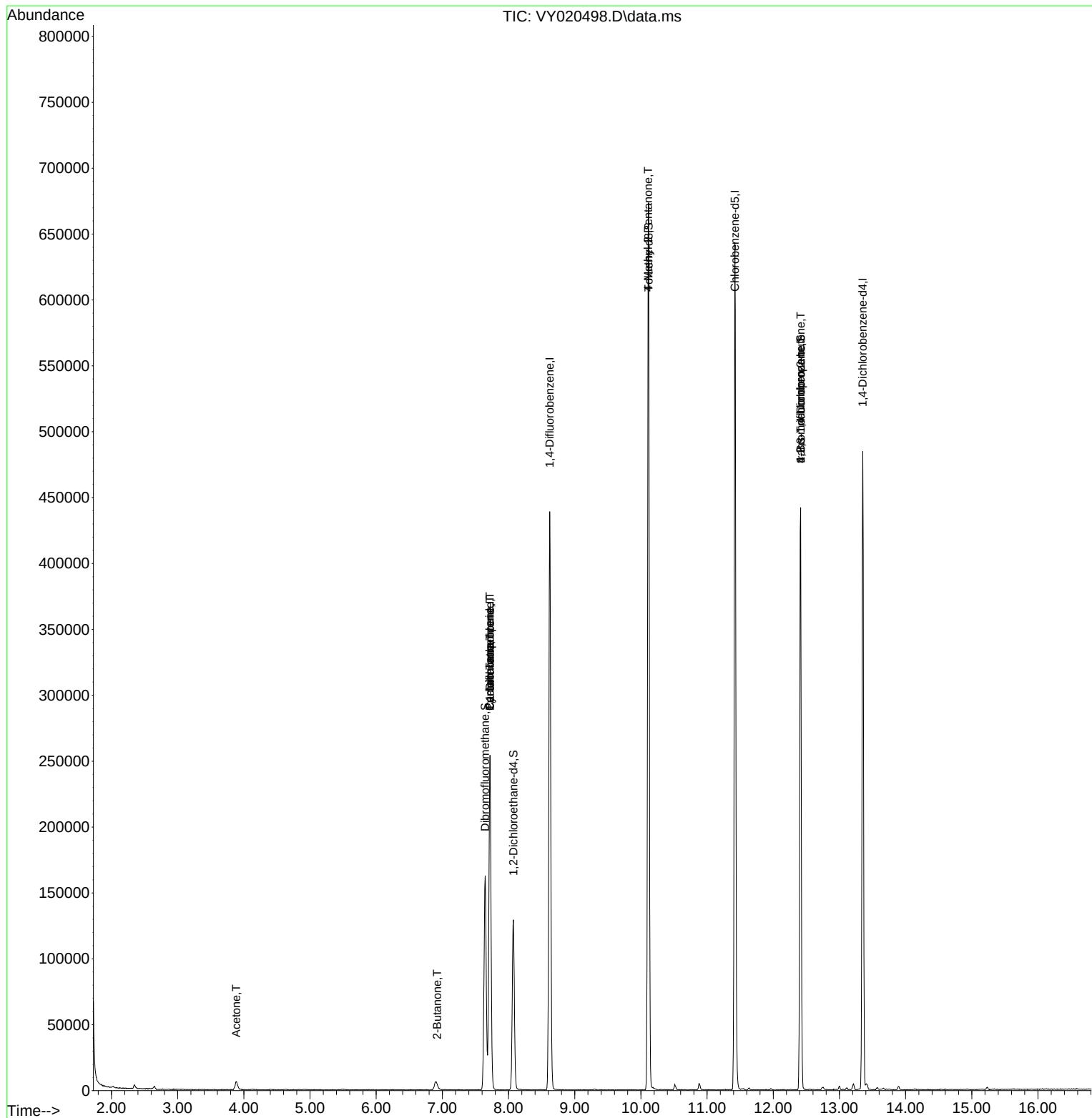
Internal Standards						
1) Pentafluorobenzene	7.719	168	186544	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	366226	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	331125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	119729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	105739	55.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.460%
35) Dibromofluoromethane	7.646	113	112770	48.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.820%
50) Toluene-d8	10.115	98	438642	49.964	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.414	95	135526	44.138	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.280%
Target Compounds						
					Qvalue	
16) Acetone	3.885	43	11602	24.594	ug/l #	88
25) 2-Butanone	6.921	43	3253	5.461	ug/l	91
31) Cyclohexane	7.719	56	4263	1.140	ug/l #	1
36) 1,1-Dichloropropene	7.719	75	15829	4.066	ug/l #	50
38) Carbon Tetrachloride	7.719	117	19884	4.279	ug/l #	15
51) 4-Methyl-2-Pentanone	10.109	43	1993	1.296	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	75406	61.825	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	75406	126.856	ug/l #	9

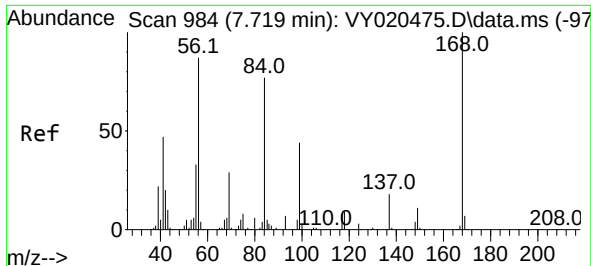
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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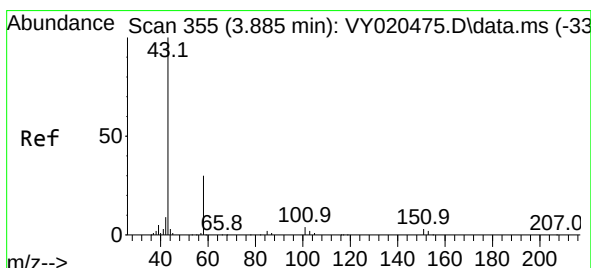
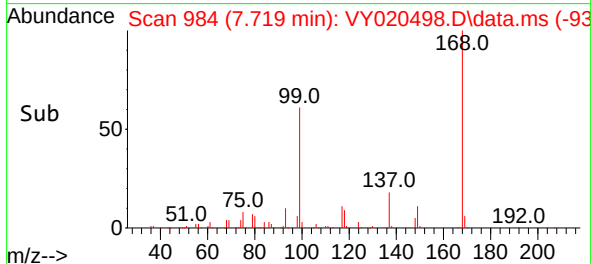
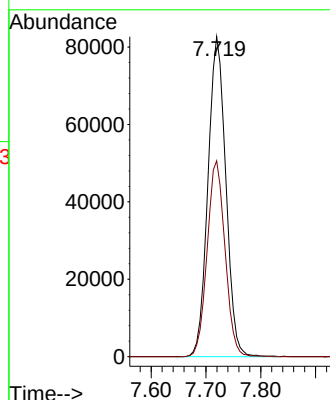
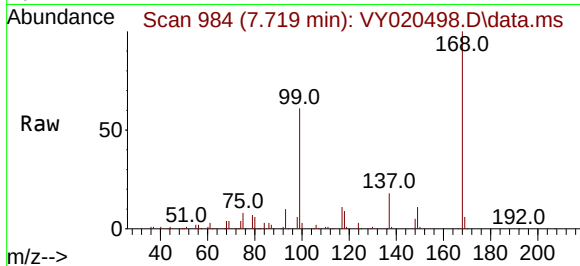




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.000 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

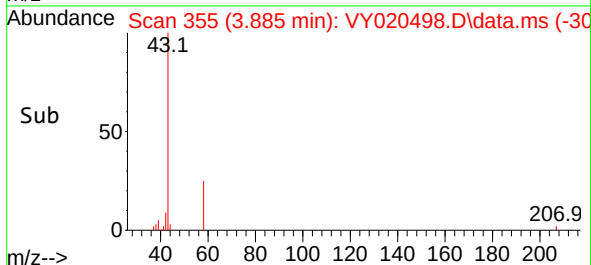
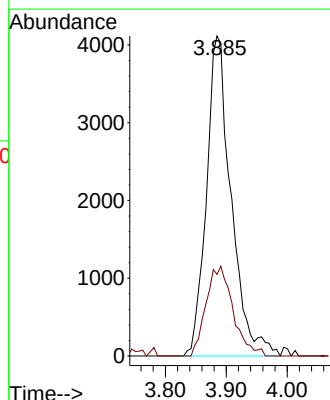
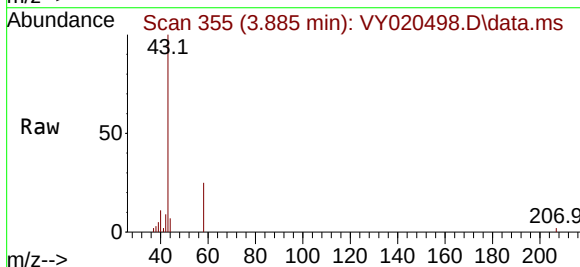
Instrument :
MSVOA_Y
ClientSampleId :

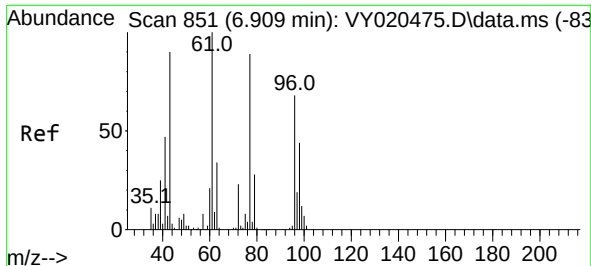
Tgt Ion:168 Resp: 186544
Ion Ratio Lower Upper
168 100
99 61.2 46.6 69.8



#16
Acetone
Concen: 24.594 ug/l
RT: 3.885 min Scan# 355
Delta R.T. 0.000 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

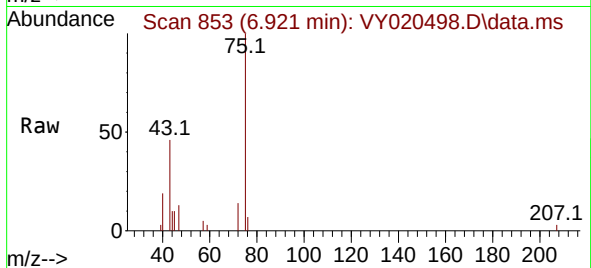
Tgt Ion: 43 Resp: 11602
Ion Ratio Lower Upper
43 100
58 25.5 25.7 38.5#



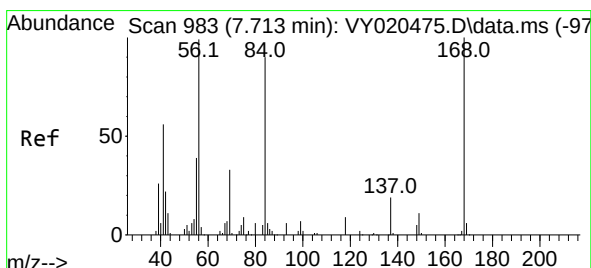
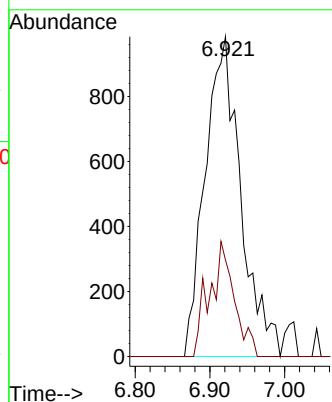
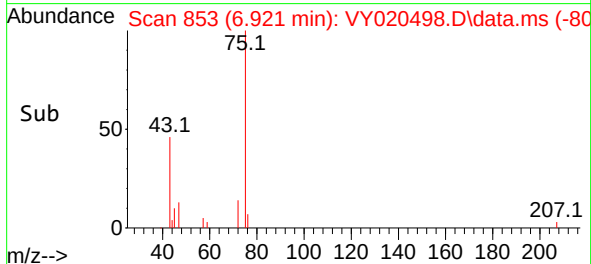


#25
2-Butanone
Concen: 5.461 ug/l
RT: 6.921 min Scan# 853
Delta R.T. 0.012 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

Instrument :
MSVOA_Y
ClientSampleId :

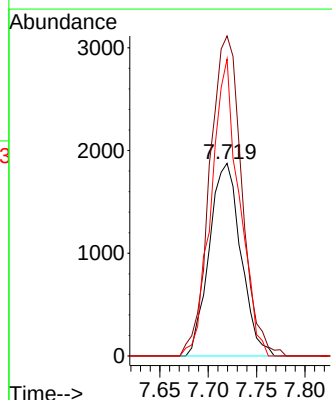
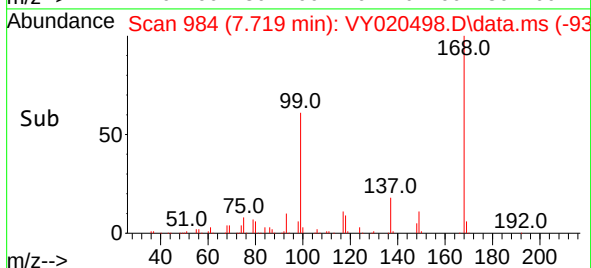
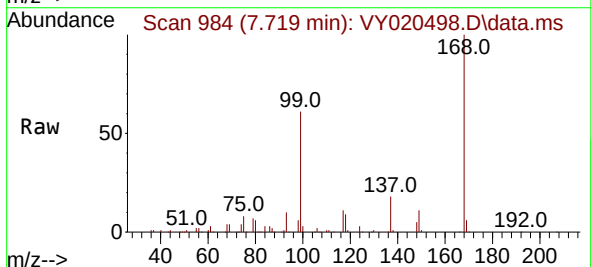


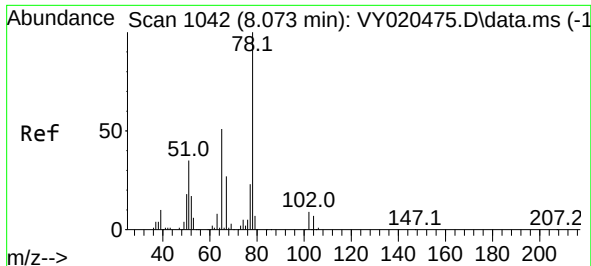
Tgt Ion: 43 Resp: 3253
Ion Ratio Lower Upper
43 100
72 30.2 20.4 30.6



#31
Cyclohexane
Concen: 1.140 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

Tgt Ion: 56 Resp: 4263
Ion Ratio Lower Upper
56 100
69 166.1 25.3 37.9#
84 154.2 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 55.735 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY020498.D

Acq: 03 Dec 2024 11:53

Instrument :

MSVOA_Y

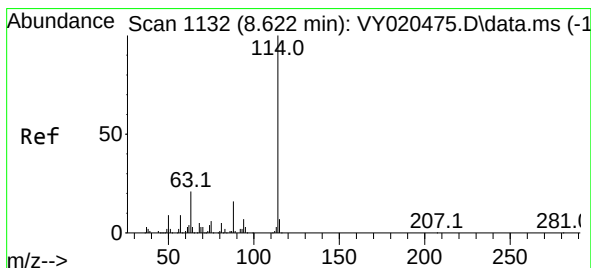
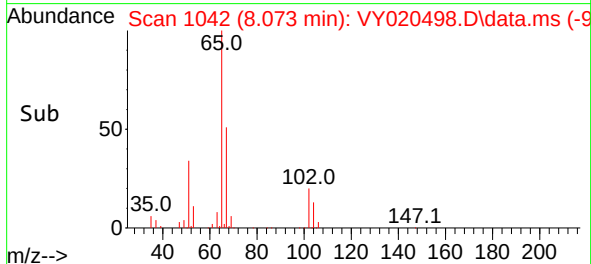
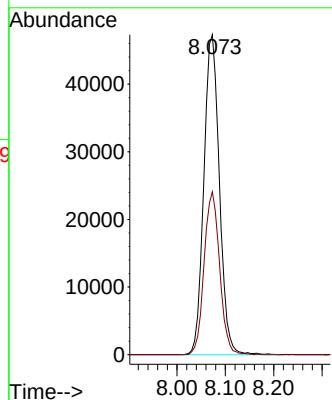
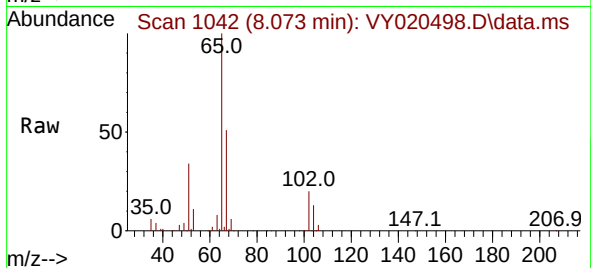
ClientSampleId :

Tgt Ion: 65 Resp: 105739

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. 0.000 min

Lab File: VY020498.D

Acq: 03 Dec 2024 11:53

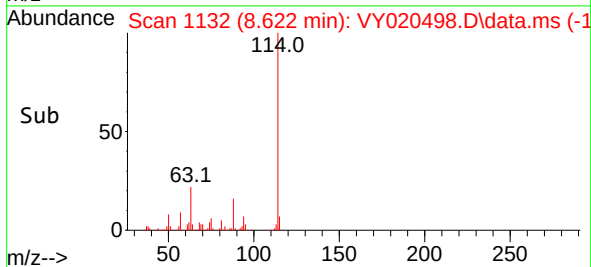
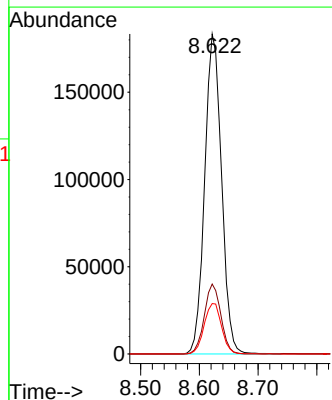
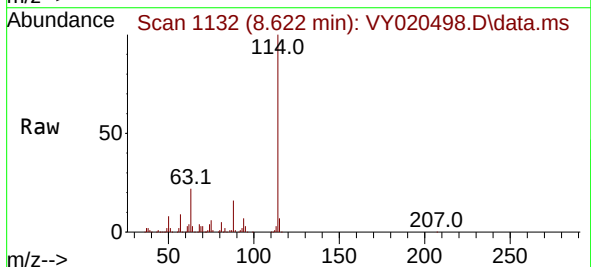
Tgt Ion: 114 Resp: 366226

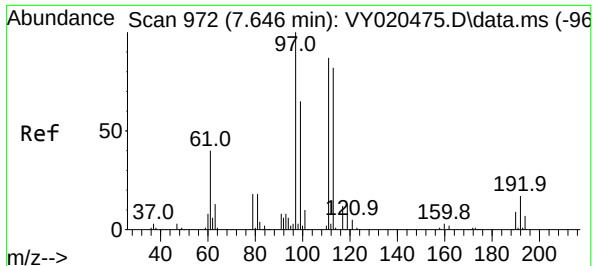
Ion Ratio Lower Upper

114 100

63 21.9 0.0 44.8

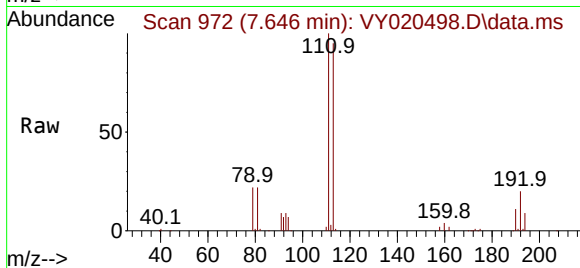
88 15.8 0.0 32.0



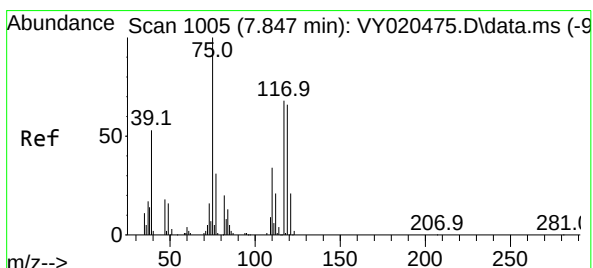
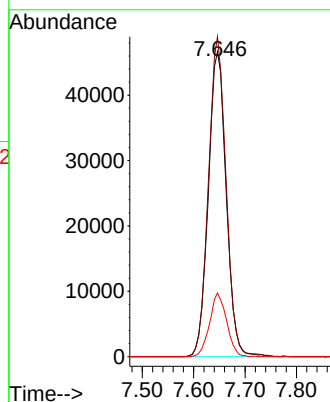
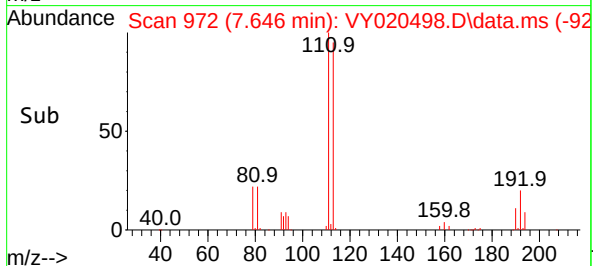


#35
Dibromofluoromethane
Concen: 48.912 ug/l
RT: 7.646 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

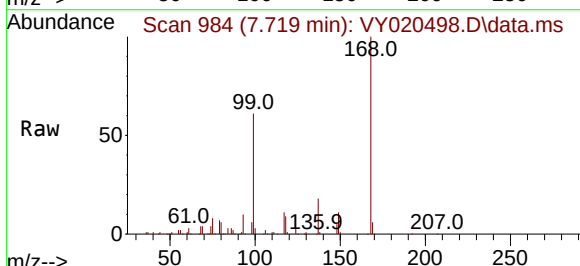
Instrument :
MSVOA_Y
ClientSampleId :



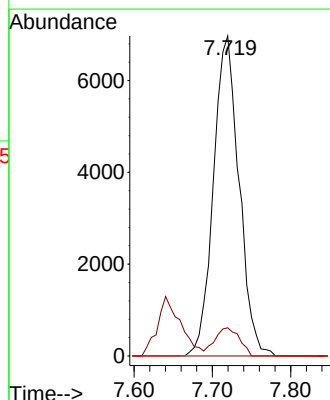
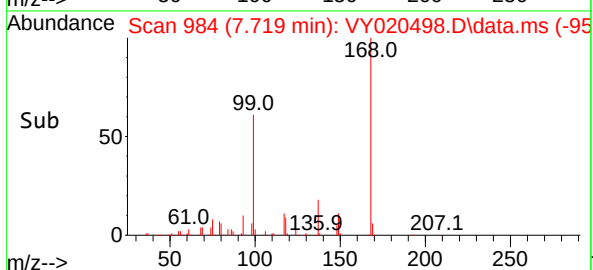
Tgt Ion:113 Resp: 112770
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 19.9 15.1 22.7

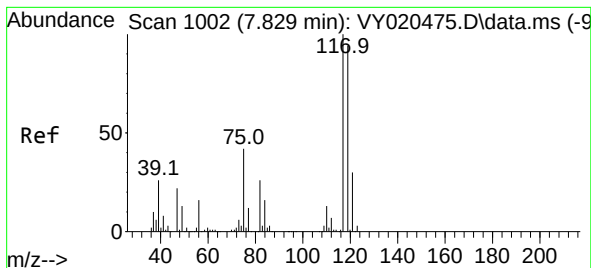


#36
1,1-Dichloropropene
Concen: 4.066 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.128 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53



Tgt Ion: 75 Resp: 15829
Ion Ratio Lower Upper
75 100
110 8.4 16.7 50.0#
77 0.0 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 4.279 ug/l

RT: 7.719 min Scan# 91

Delta R.T. -0.110 min

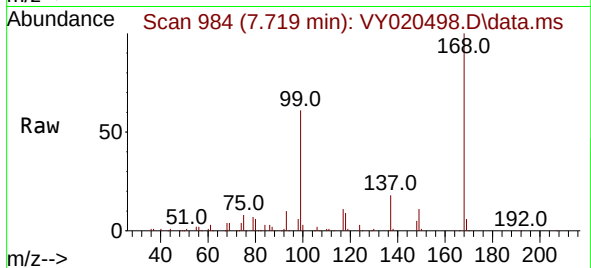
Lab File: VY020498.D

Acq: 03 Dec 2024 11:53

Instrument :

MSVOA_Y

ClientSampleId :



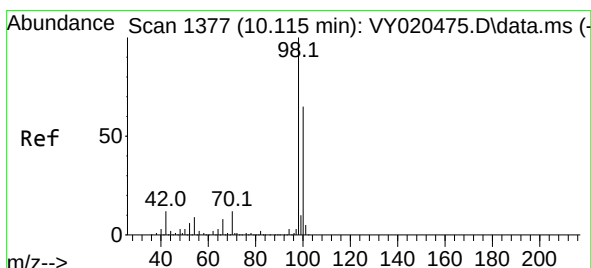
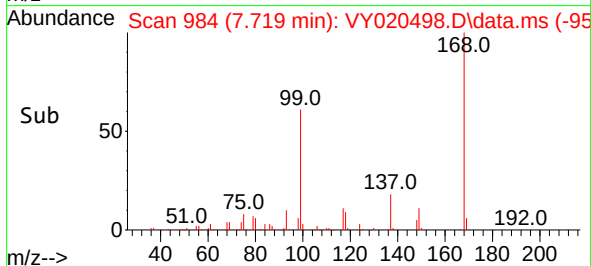
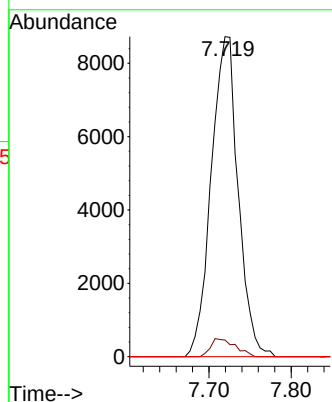
Tgt Ion:117 Resp: 19884

Ion Ratio Lower Upper

117 100

119 5.2 77.8 116.6#

121 0.0 24.6 37.0#



#50

Toluene-d8

Concen: 49.964 ug/l

RT: 10.115 min Scan# 1377

Delta R.T. 0.000 min

Lab File: VY020498.D

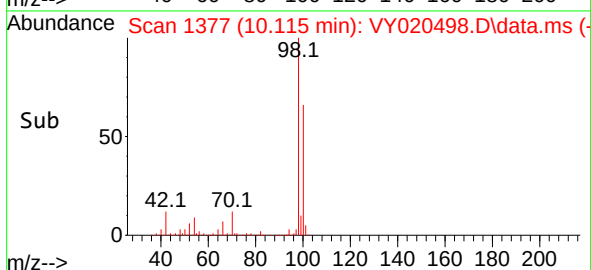
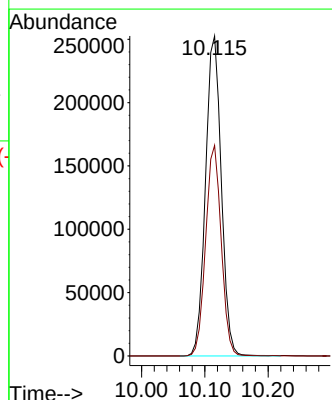
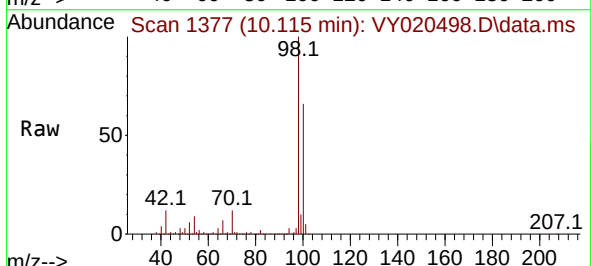
Acq: 03 Dec 2024 11:53

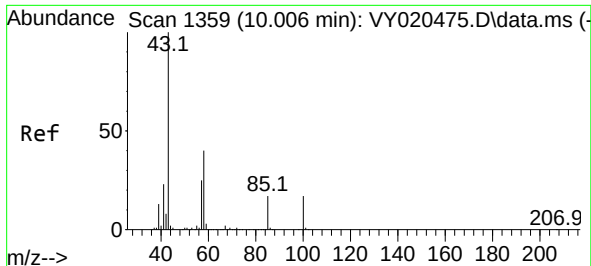
Tgt Ion: 98 Resp: 438642

Ion Ratio Lower Upper

98 100

100 64.8 51.3 76.9

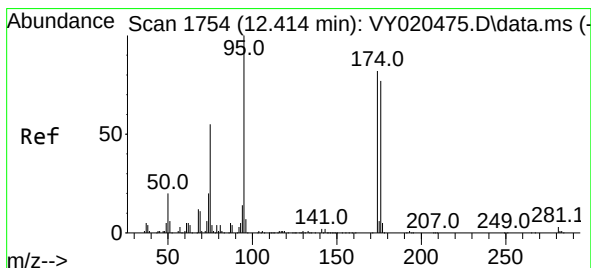
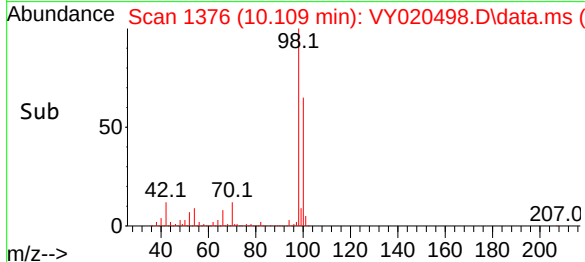
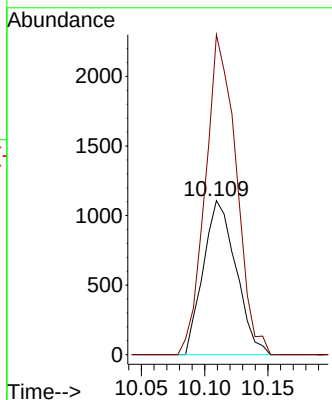
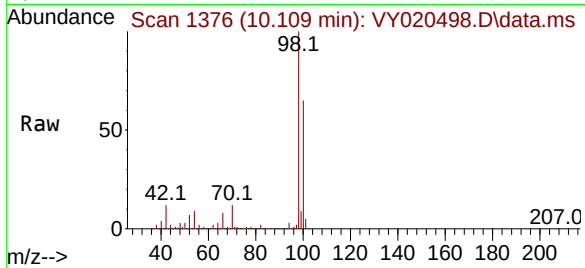




#51
4-Methyl-2-Pentanone
Concen: 1.296 ug/l
RT: 10.109 min Scan# 1359
Delta R.T. 0.104 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

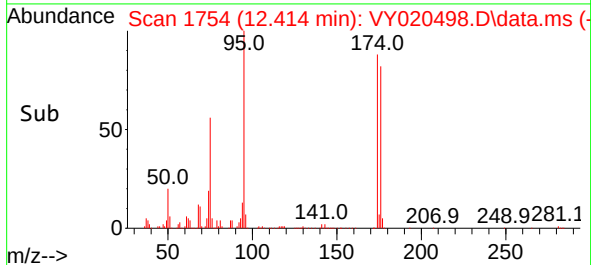
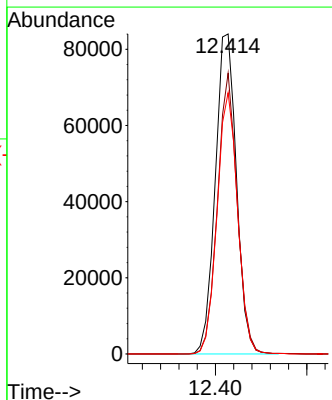
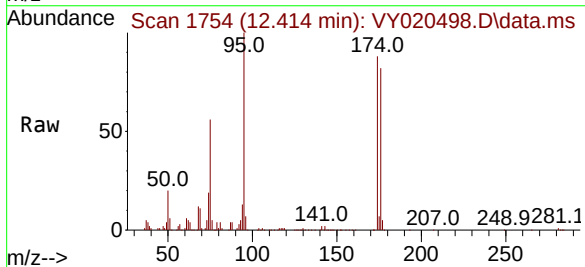
Instrument :
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ClientSampleId :

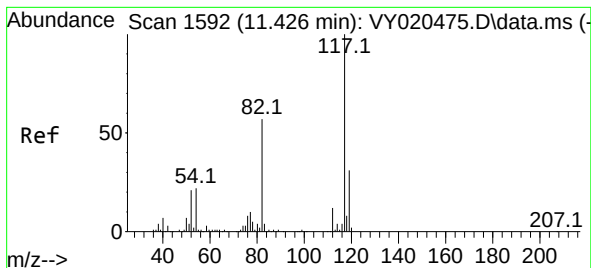
Tgt Ion: 43 Resp: 1993
Ion Ratio Lower Upper
43 100
58 195.8 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 44.138 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.000 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

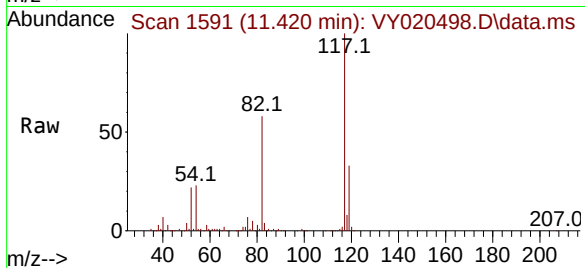
Tgt Ion: 95 Resp: 135526
Ion Ratio Lower Upper
95 100
174 81.7 0.0 156.8
176 78.9 0.0 152.0



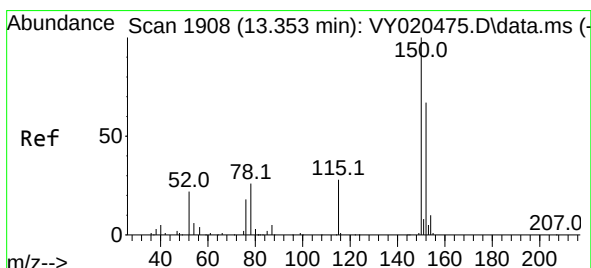
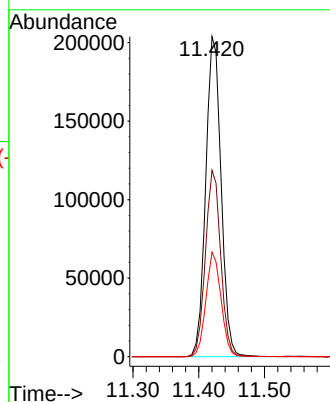
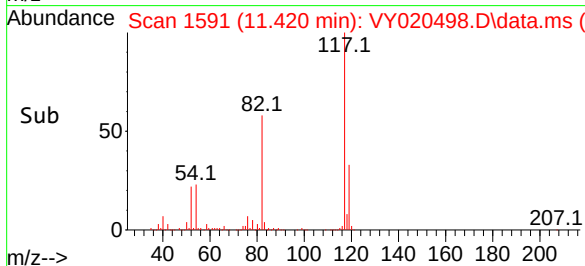


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

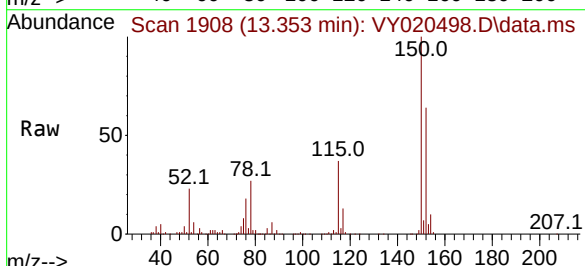
Instrument :
MSVOA_Y
ClientSampleId :



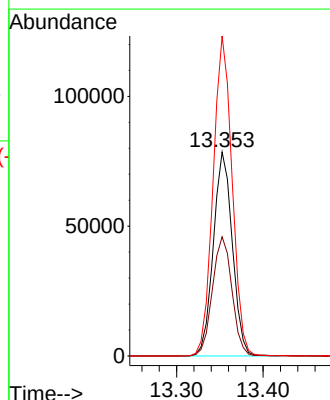
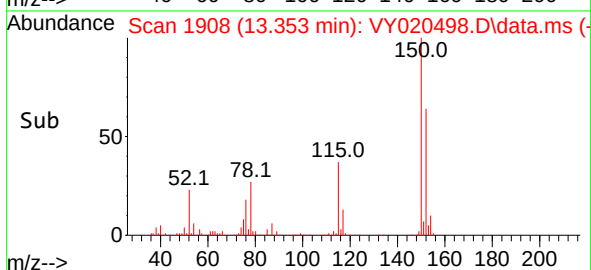
Tgt Ion:117 Resp: 331125
Ion Ratio Lower Upper
117 100
82 58.2 48.2 72.4
119 32.6 25.8 38.8

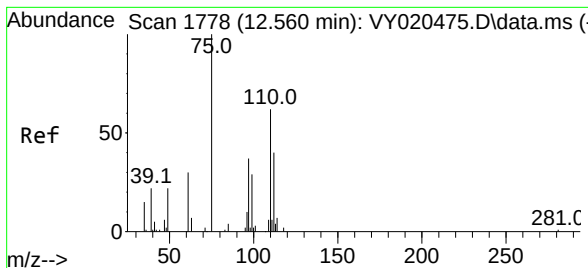


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.353 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53



Tgt Ion:152 Resp: 119729
Ion Ratio Lower Upper
152 100
115 60.1 30.0 90.0
150 157.0 0.0 348.2

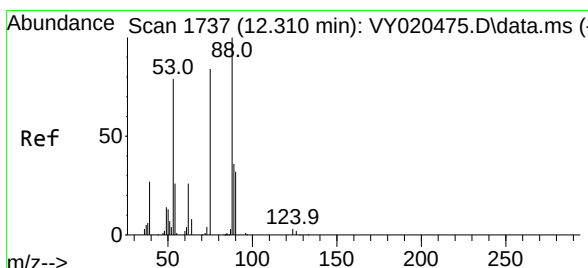
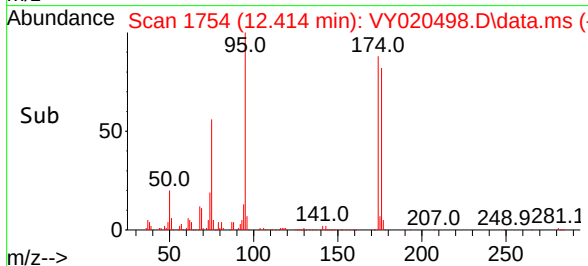
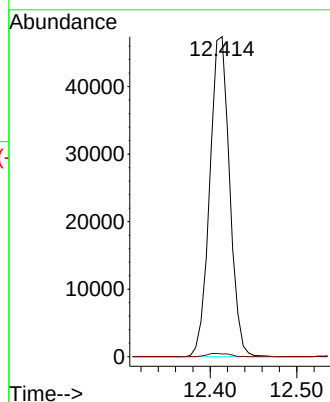
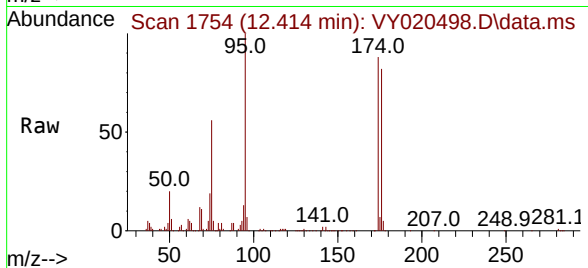




#76
1,2,3-Trichloropropane
Concen: 61.825 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 75406
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.856 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020498.D
Acq: 03 Dec 2024 11:53

Tgt Ion: 75 Resp: 75406
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.0 35.1 52.7#

