

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120324\
 Data File : VY020501.D
 Acq On : 03 Dec 2024 13:03
 Operator : SY/MD
 Sample : P5025-08
 Misc : 5.63g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 03 21:45:13 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)

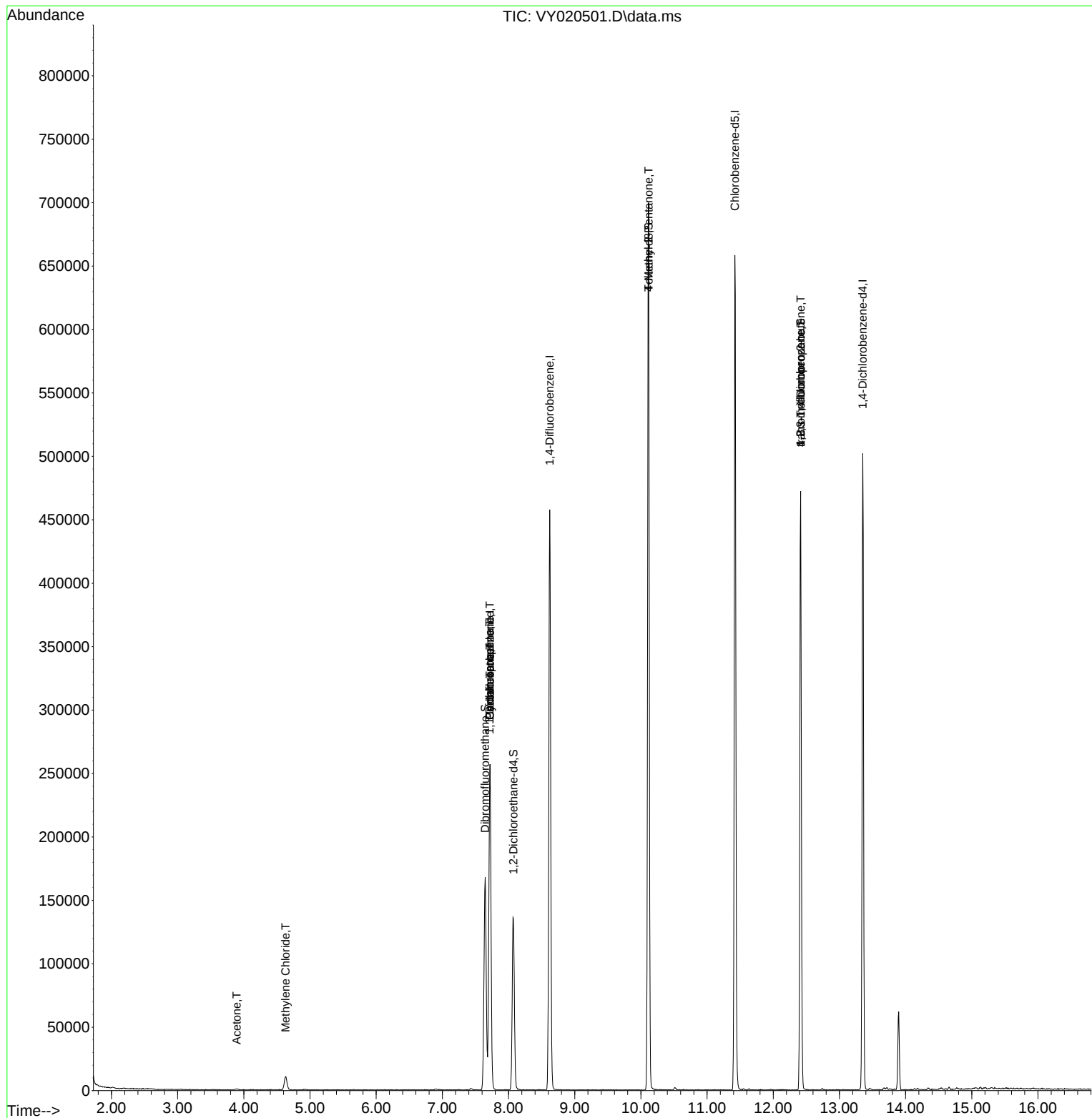
Internal Standards						
1) Pentafluorobenzene	7.719	168	192388	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	378162	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	343222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	120971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	114869	58.708	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.420%
35) Dibromofluoromethane	7.646	113	116956	49.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.115	98	452774	49.946	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.414	95	140982	44.466	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	88.940%
Target Compounds						
					Qvalue	
16) Acetone	3.891	43	1739	3.574	ug/l	92
20) Methylene Chloride	4.628	84	7863	3.799	ug/l	96
31) Cyclohexane	7.719	56	4403	1.142	ug/l #	19
36) 1,1-Dichloropropene	7.713	75	15744	3.916	ug/l #	52
38) Carbon Tetrachloride	7.719	117	20438	4.259	ug/l #	16
51) 4-Methyl-2-Pentanone	10.115	43	2015	1.269	ug/l #	1
76) 1,2,3-Trichloropropane	12.414	75	77611	62.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	77611	129.225	ug/l #	9

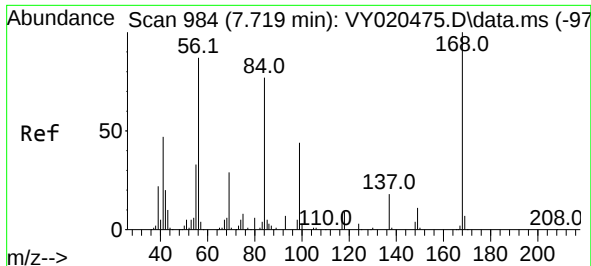
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Dec 03 01:39:23 2024
Response via : Initial Calibration

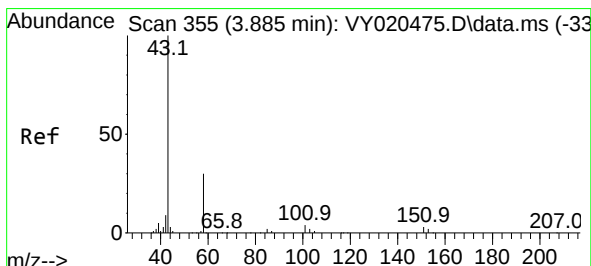
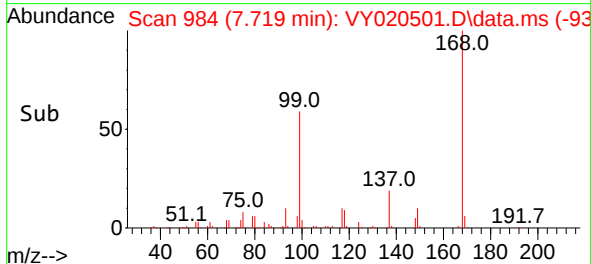
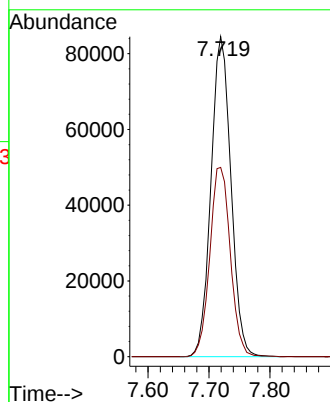
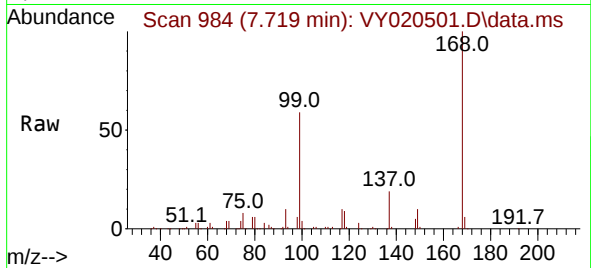




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020501.D
Acq: 03 Dec 2024 13:03

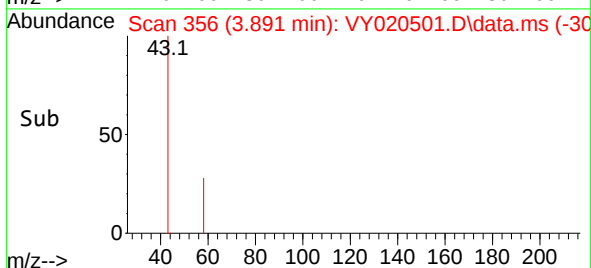
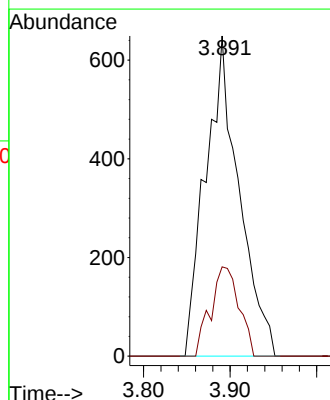
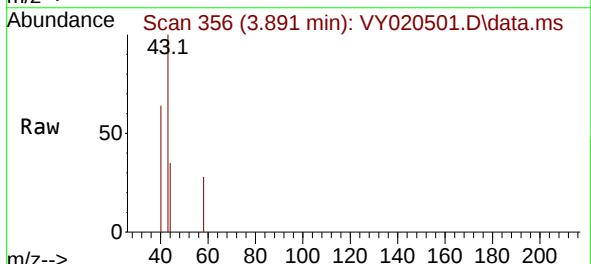
Instrument :
MSVOA_Y
ClientSampleId :

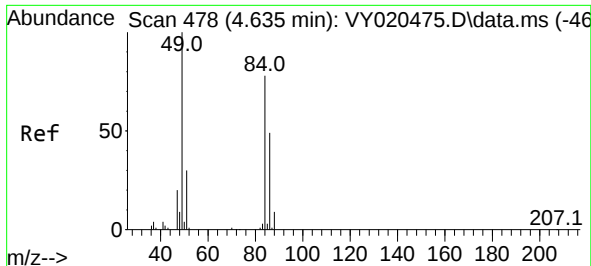
Tgt Ion:168 Resp: 192388
Ion Ratio Lower Upper
168 100
99 59.1 46.6 69.8



#16
Acetone
Concen: 3.574 ug/l
RT: 3.891 min Scan# 356
Delta R.T. 0.006 min
Lab File: VY020501.D
Acq: 03 Dec 2024 13:03

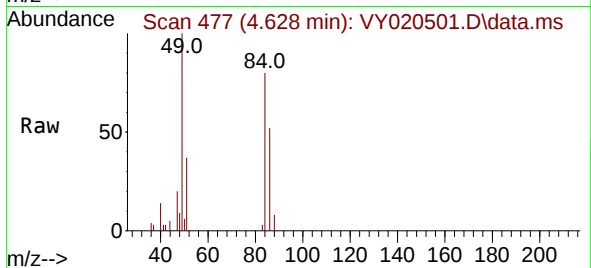
Tgt Ion: 43 Resp: 1739
Ion Ratio Lower Upper
43 100
58 27.9 25.7 38.5



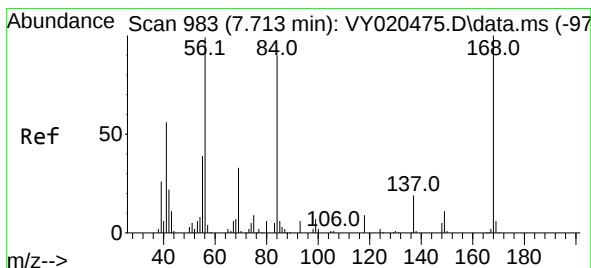
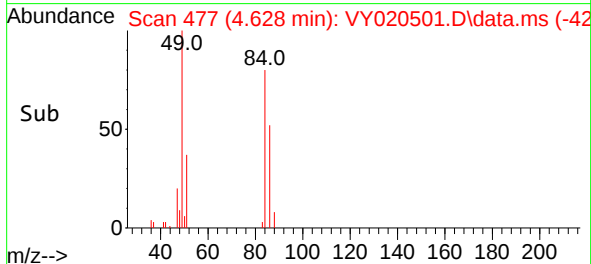
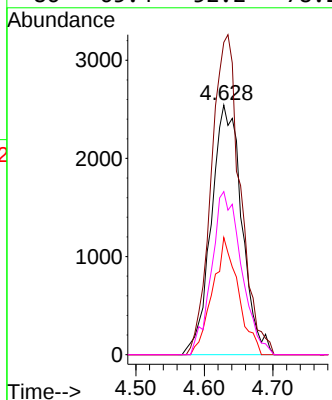


#20
Methylene Chloride
Concen: 3.799 ug/l
RT: 4.628 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY020501.D
Acq: 03 Dec 2024 13:03

Instrument :
MSVOA_Y
ClientSampleId :

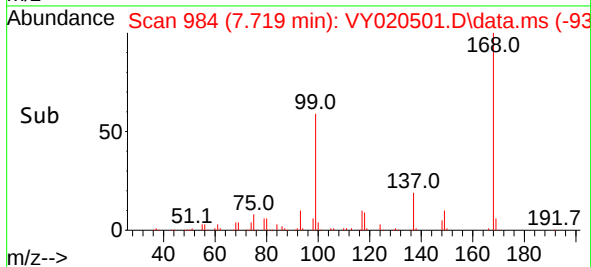
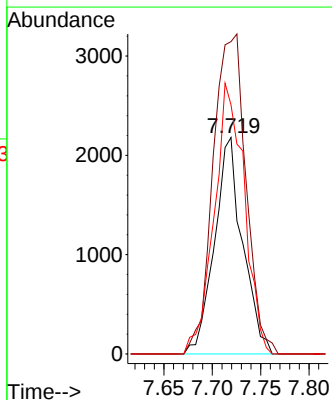
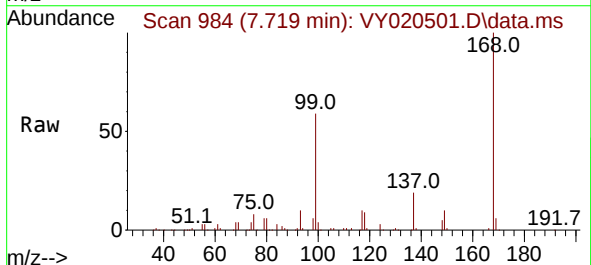


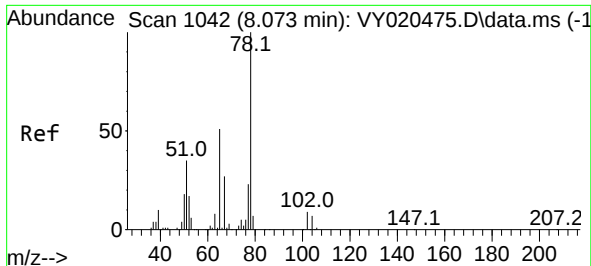
Tgt Ion: 84	Resp: 7863
Ion Ratio	Lower Upper
84 100	
49 125.1	104.7 157.1
51 46.9	33.4 50.0
86 65.4	52.2 78.2



#31
Cyclohexane
Concen: 1.142 ug/l
RT: 7.719 min Scan# 984
Delta R.T. 0.006 min
Lab File: VY020501.D
Acq: 03 Dec 2024 13:03

Tgt Ion: 56	Resp: 4403		
Ion Ratio	Lower	Upper	
56	100		
69	144.3	25.3	37.9#
84	115.1	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 58.708 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY020501.D

Acq: 03 Dec 2024 13:03

Instrument :

MSVOA_Y

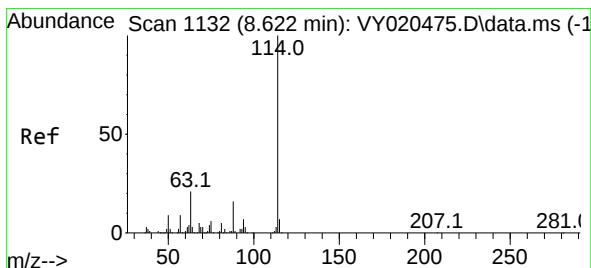
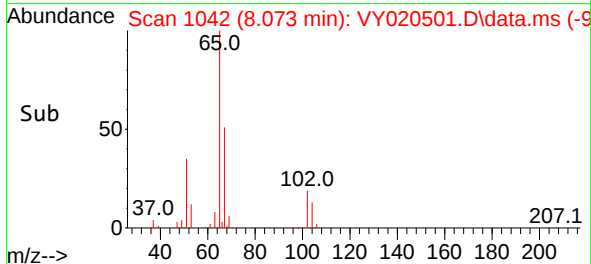
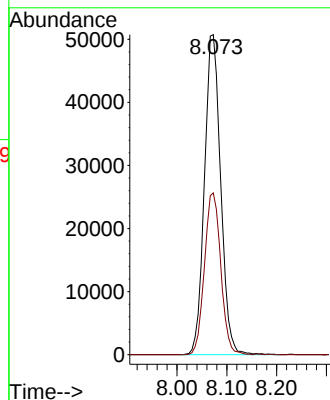
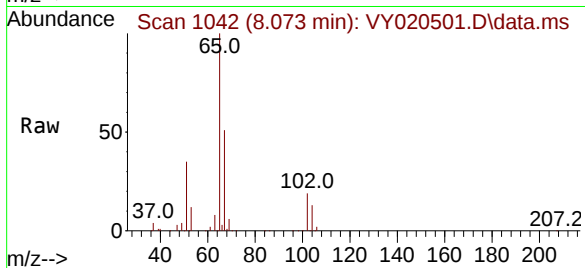
ClientSampleId :

Tgt Ion: 65 Resp: 114869

Ion Ratio Lower Upper

65 100

67 50.7 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: VY020501.D

Acq: 03 Dec 2024 13:03

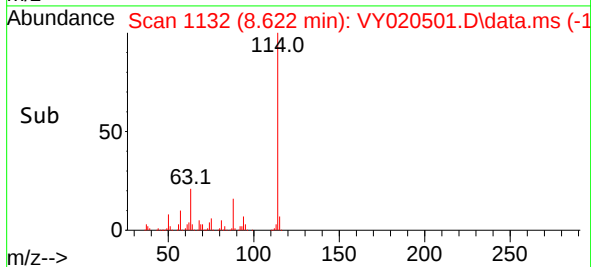
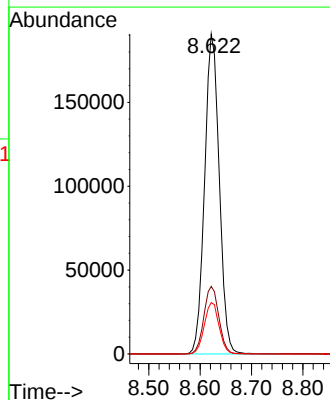
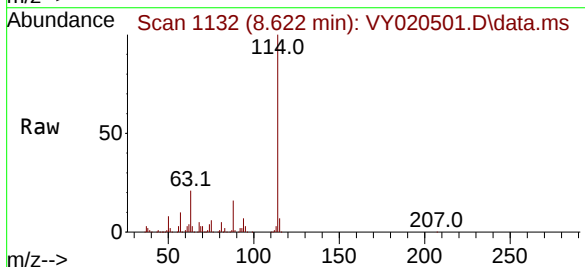
Tgt Ion: 114 Resp: 378162

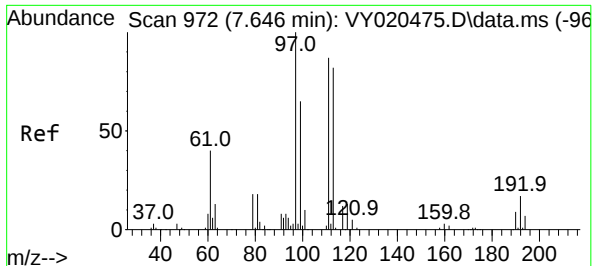
Ion Ratio Lower Upper

114 100

63 21.1 0.0 44.8

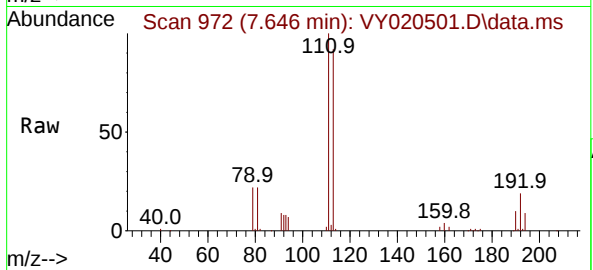
88 16.0 0.0 32.0



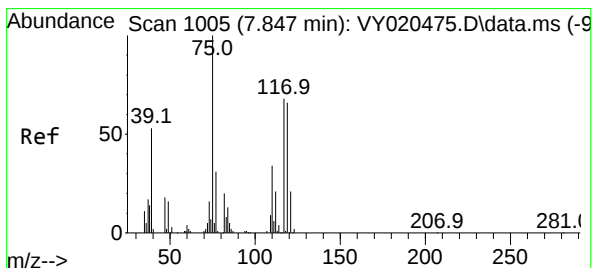
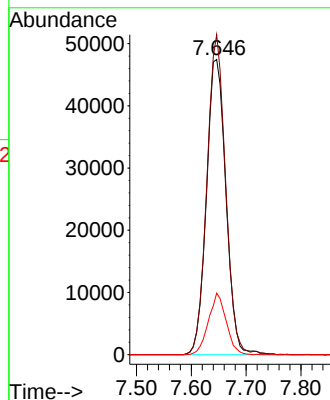
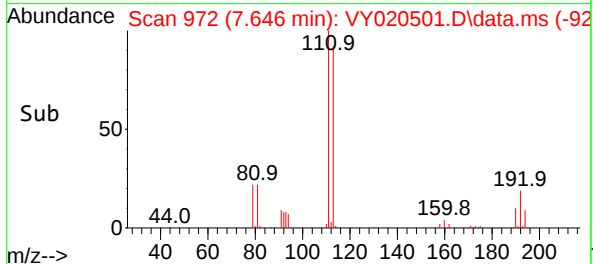


#35
Dibromofluoromethane
Concen: 49.127 ug/l
RT: 7.646 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020501.D
Acq: 03 Dec 2024 13:03

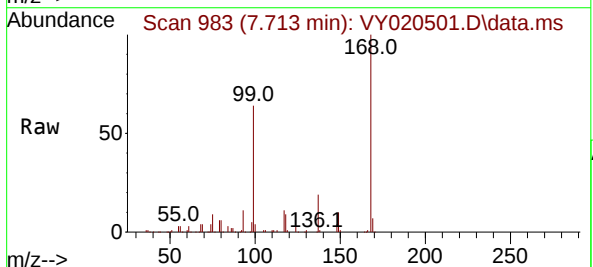
Instrument :
MSVOA_Y
ClientSampleId :



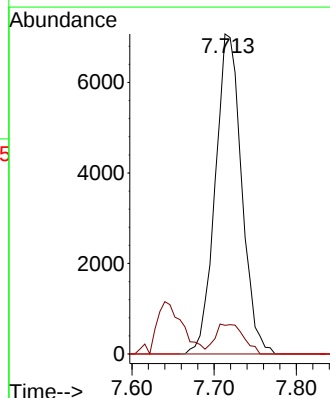
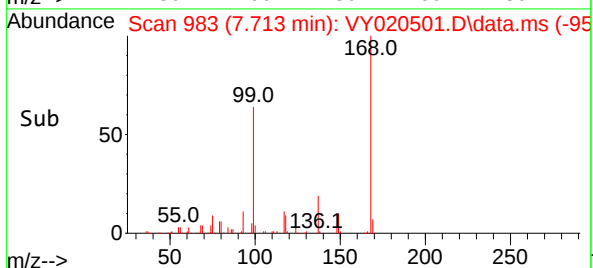
Tgt Ion:113 Resp: 116956
Ion Ratio Lower Upper
113 100
111 103.8 81.4 122.0
192 19.0 15.1 22.7

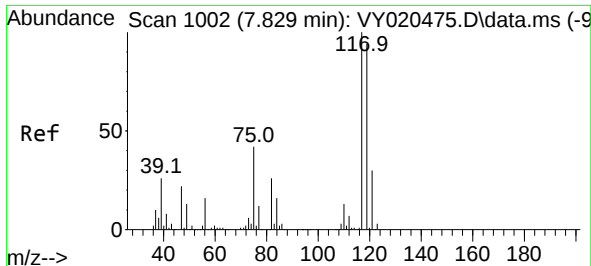


#36
1,1-Dichloropropene
Concen: 3.916 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.134 min
Lab File: VY020501.D
Acq: 03 Dec 2024 13:03



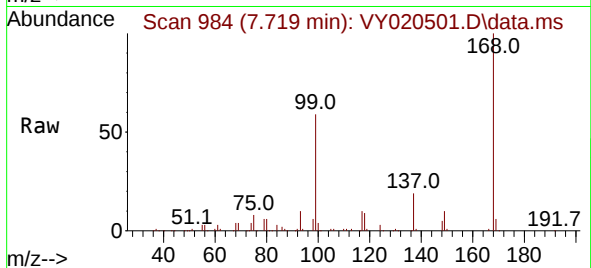
Tgt Ion: 75 Resp: 15744
Ion Ratio Lower Upper
75 100
110 10.0 16.7 50.0#
77 0.0 24.6 36.8#



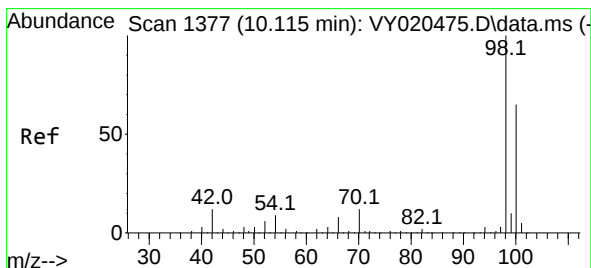
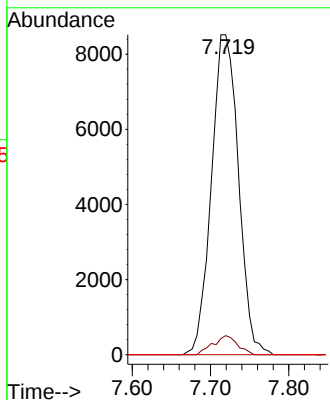
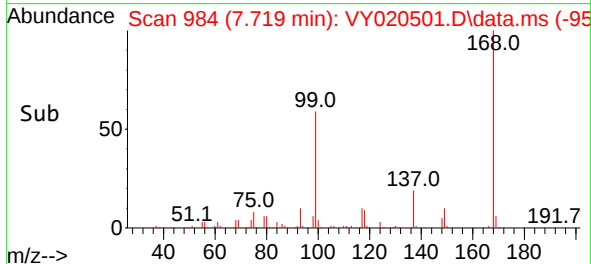


#38
Carbon Tetrachloride
Concen: 4.259 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020501.D
Acq: 03 Dec 2024 13:03

Instrument :
MSVOA_Y
ClientSampleId :

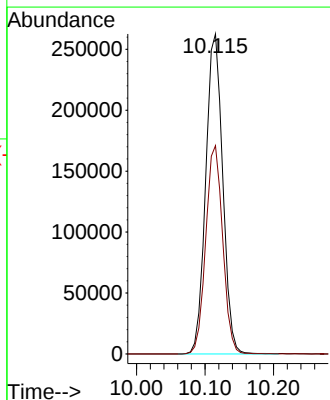
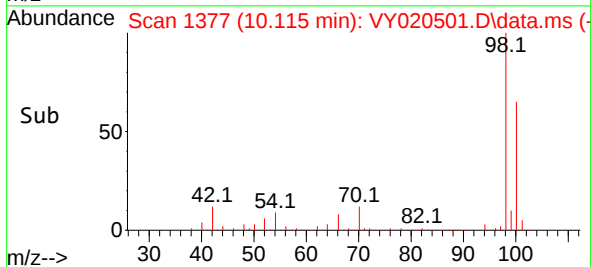
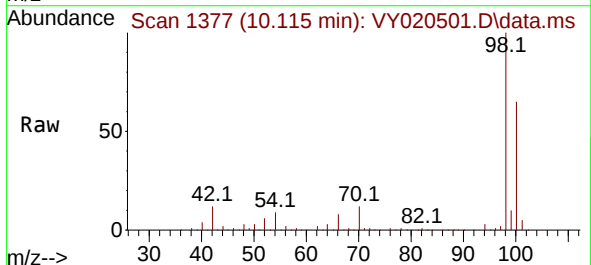


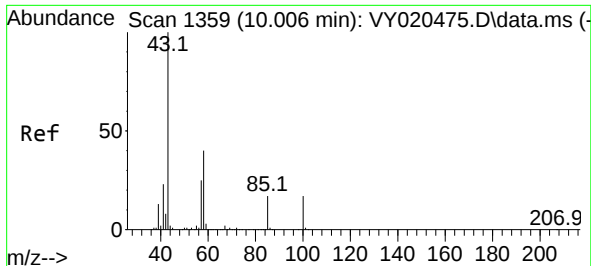
Tgt Ion:117 Resp: 20438
Ion Ratio Lower Upper
117 100
119 5.9 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 49.946 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VY020501.D
Acq: 03 Dec 2024 13:03

Tgt Ion: 98 Resp: 452774
Ion Ratio Lower Upper
98 100
100 64.9 51.3 76.9

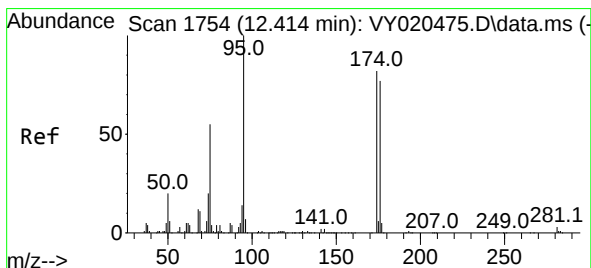
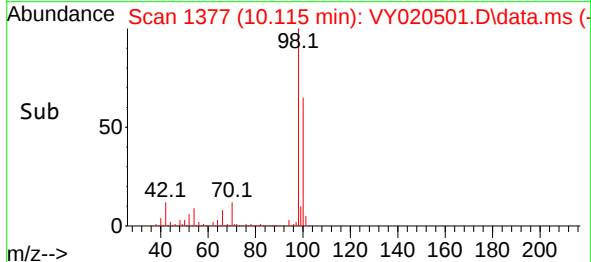
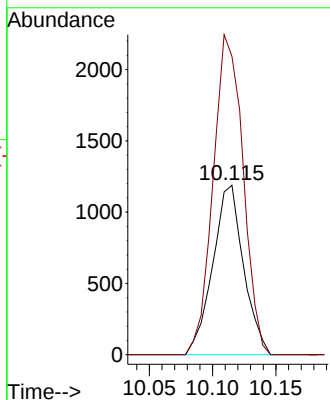
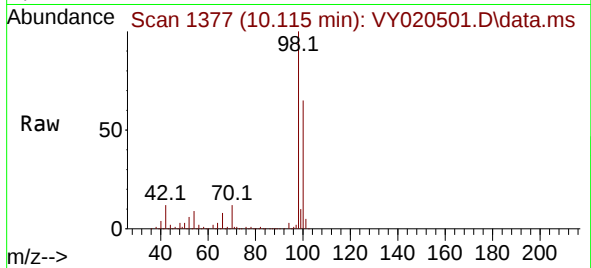




#51
4-Methyl-2-Pentanone
Concen: 1.269 ug/l
RT: 10.115 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY020501.D
Acq: 03 Dec 2024 13:03

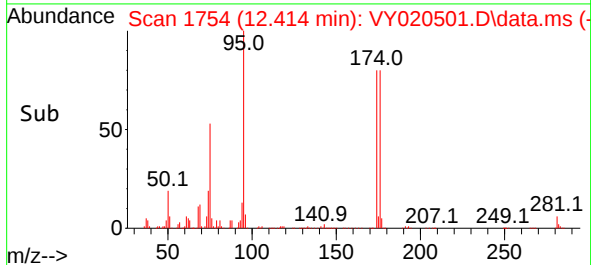
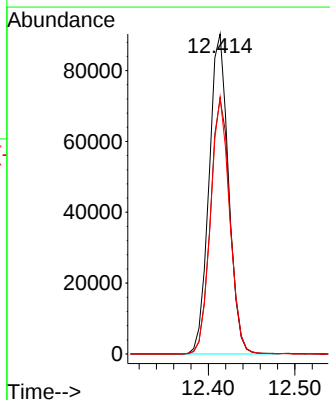
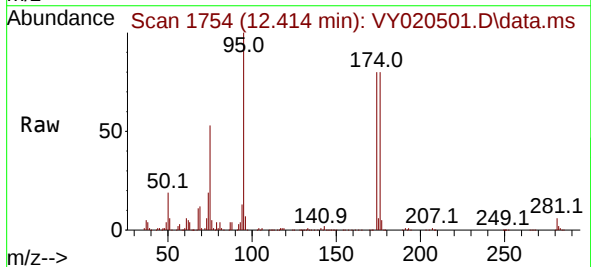
Instrument :
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ClientSampleId :

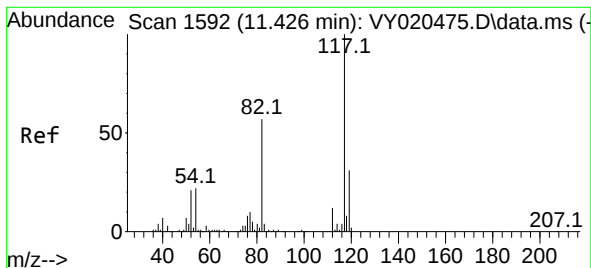
Tgt Ion: 43 Resp: 2015
Ion Ratio Lower Upper
43 100
58 183.2 30.9 46.3#



#62
4-Bromofluorobenzene
Concen: 44.466 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020501.D
Acq: 03 Dec 2024 13:03

Tgt Ion: 95 Resp: 140982
Ion Ratio Lower Upper
95 100
174 80.4 0.0 156.8
176 78.7 0.0 152.0

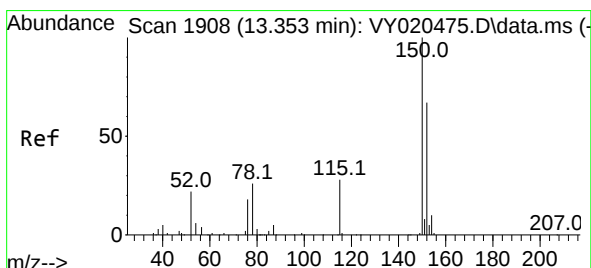
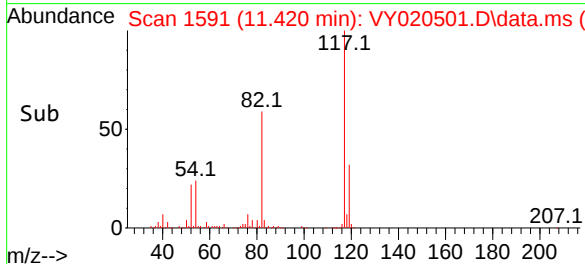
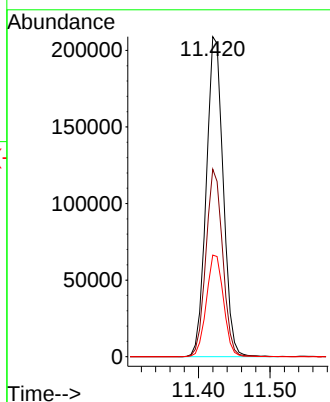
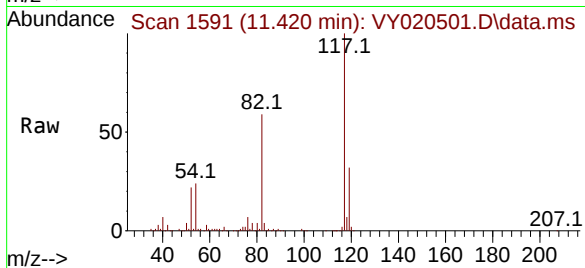




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020501.D
Acq: 03 Dec 2024 13:03

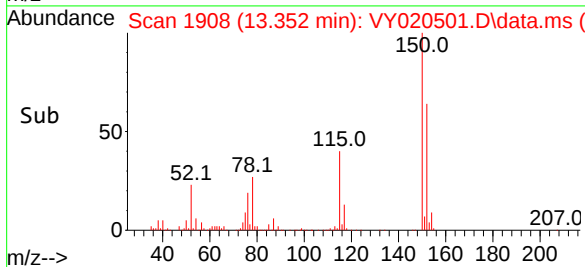
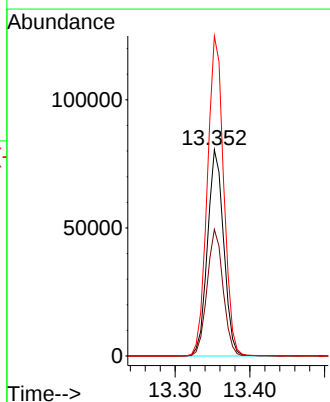
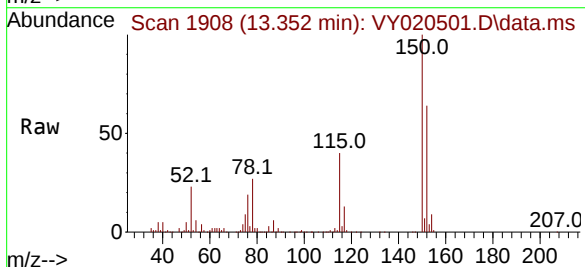
Instrument :
MSVOA_Y
ClientSampleId :

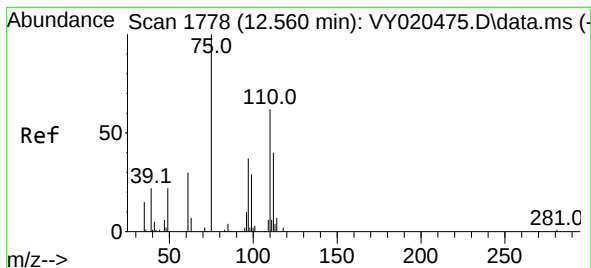
Tgt Ion:117 Resp: 343222
Ion Ratio Lower Upper
117 100
82 58.6 48.2 72.4
119 31.8 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.352 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VY020501.D
Acq: 03 Dec 2024 13:03

Tgt Ion:152 Resp: 120971
Ion Ratio Lower Upper
152 100
115 60.8 30.0 90.0
150 156.7 0.0 348.2

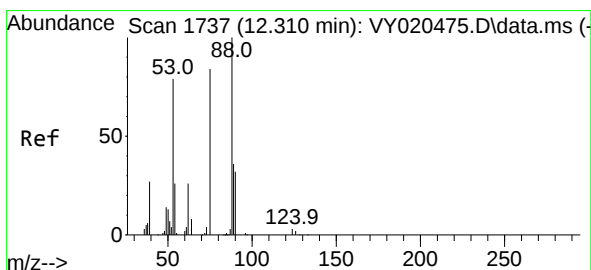
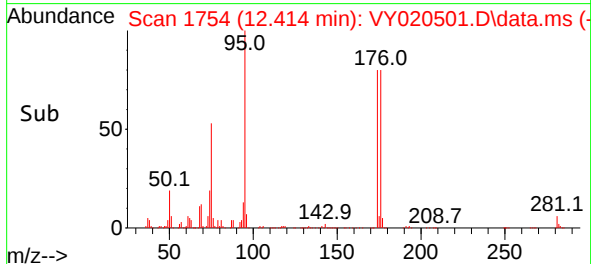
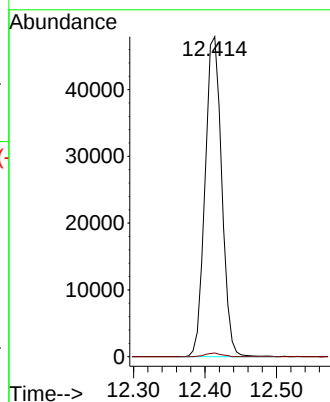
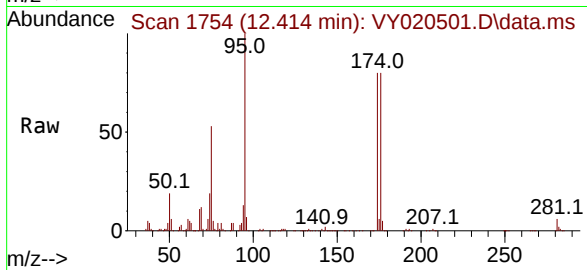




#76
1,2,3-Trichloropropane
Concen: 62.980 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.146 min
Lab File: VY020501.D
Acq: 03 Dec 2024 13:03

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 77611
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.225 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. 0.104 min
Lab File: VY020501.D
Acq: 03 Dec 2024 13:03

Tgt Ion: 75 Resp: 77611
Ion Ratio Lower Upper
75 100
53 0.0 81.1 121.7#
89 0.1 35.1 52.7#

