

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120424\
 Data File : VY020506.D
 Acq On : 04 Dec 2024 10:50
 Operator : SY/MD
 Sample : VY1204SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 05 03:21:05 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)

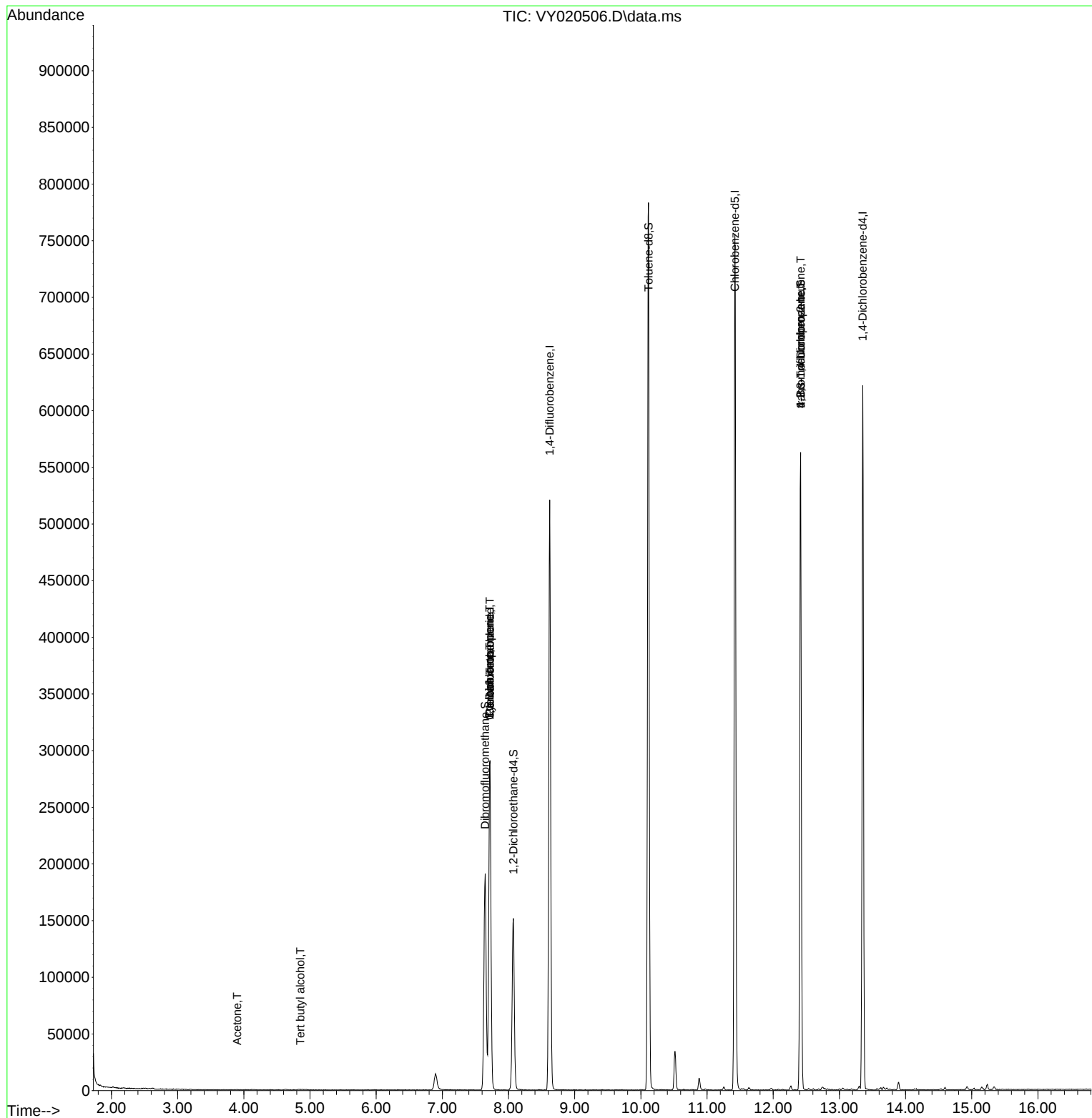
Internal Standards						
1) Pentafluorobenzene	7.719	168	219317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	424574	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	395337	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	149990	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.073	65	124656	55.887	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.780%			
35) Dibromofluoromethane	7.646	113	131760	49.295	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.580%			
50) Toluene-d8	10.115	98	514711	50.571	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.140%			
62) 4-Bromofluorobenzene	12.414	95	170524	47.904	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 95.800%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	567	3.919	ug/l #	73
16) Acetone	3.897	43	687	1.239	ug/l #	43
31) Cyclohexane	7.713	56	4624	1.052	ug/l #	2
36) 1,1-Dichloropropene	7.713	75	18324	4.060	ug/l #	51
38) Carbon Tetrachloride	7.719	117	24583	4.563	ug/l #	15
76) 1,2,3-Trichloropropane	12.414	75	93884	61.445	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	93884	126.077	ug/l #	9

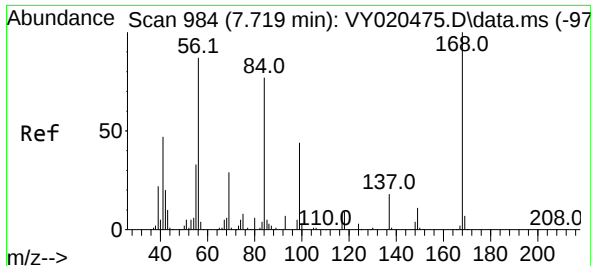
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120424\
Data File : VY020506.D
Acq On : 04 Dec 2024 10:50
Operator : SY/MD
Sample : VY1204SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Dec 05 03:21:05 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

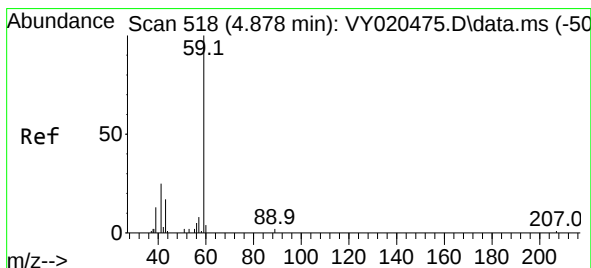
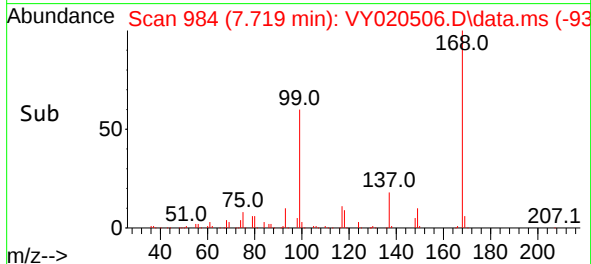
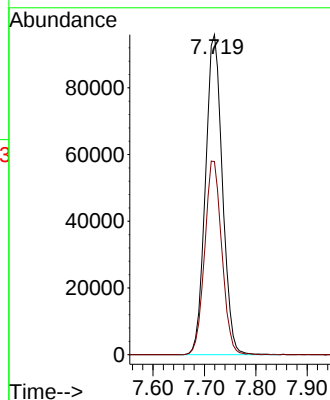
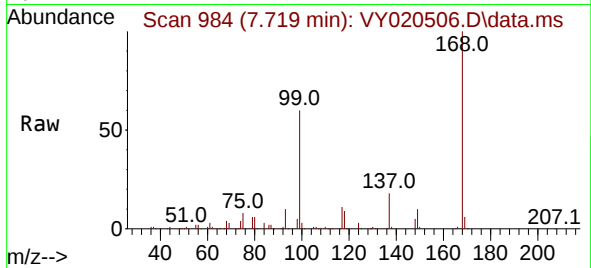




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020506.D
Acq: 04 Dec 2024 10:50

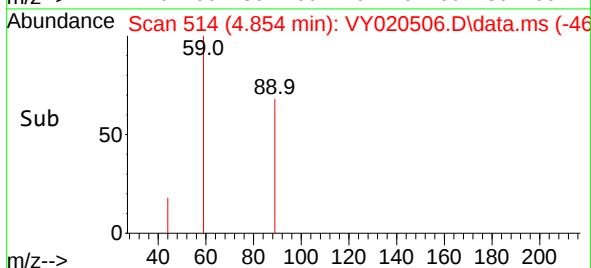
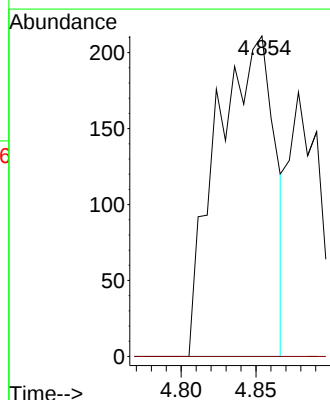
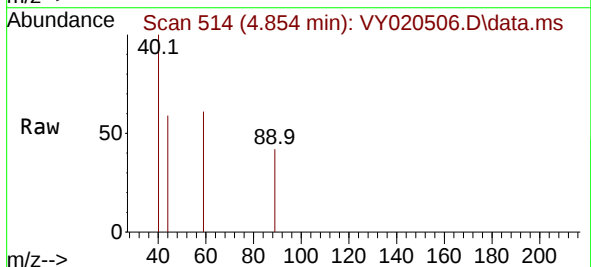
Instrument :
MSVOA_Y
ClientSampleId :

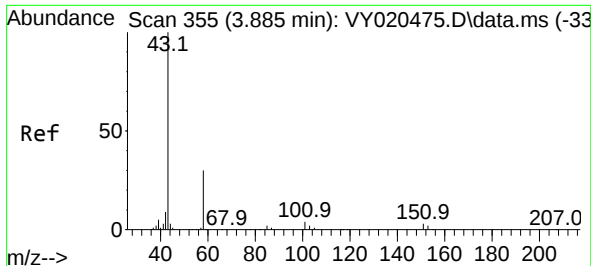
Tgt Ion:168 Resp: 219317
Ion Ratio Lower Upper
168 100
99 60.4 46.6 69.8



#11
Tert butyl alcohol
Concen: 3.919 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.025 min
Lab File: VY020506.D
Acq: 04 Dec 2024 10:50

Tgt Ion: 59 Resp: 567
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#





#16

Acetone

Concen: 1.239 ug/l

RT: 3.897 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY020506.D

Acq: 04 Dec 2024 10:50

Instrument :

MSVOA_Y

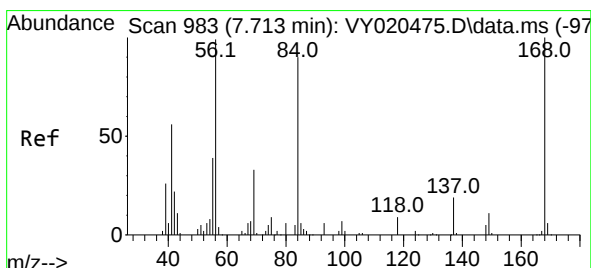
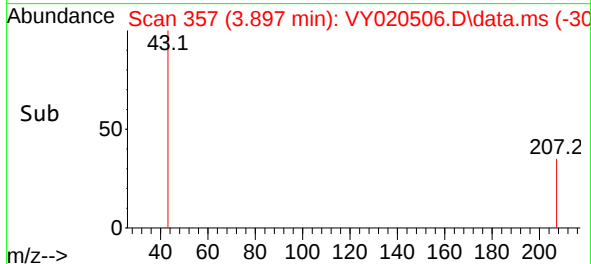
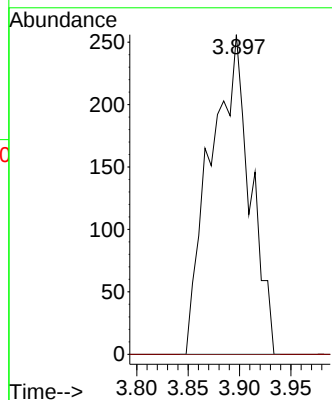
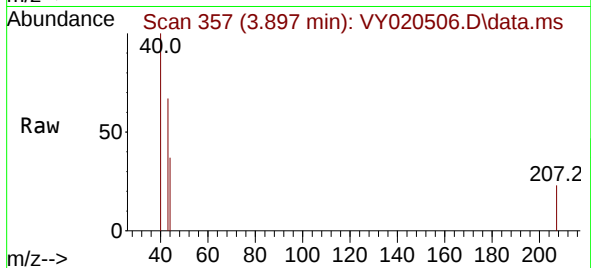
ClientSampleId :

Tgt Ion: 43 Resp: 687

Ion Ratio Lower Upper

43 100

58 0.0 25.7 38.5#



#31

Cyclohexane

Concen: 1.052 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.000 min

Lab File: VY020506.D

Acq: 04 Dec 2024 10:50

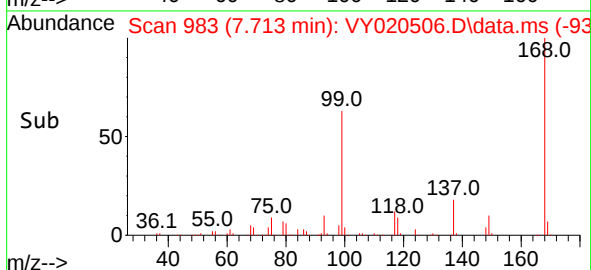
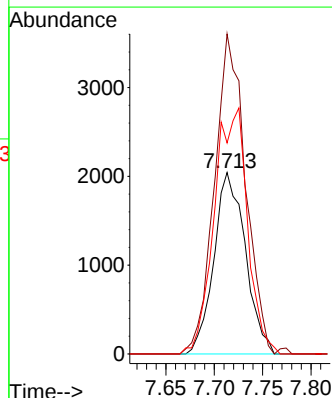
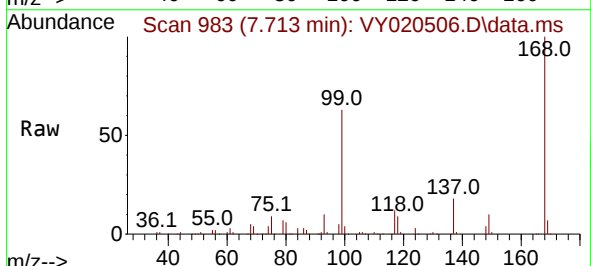
Tgt Ion: 56 Resp: 4624

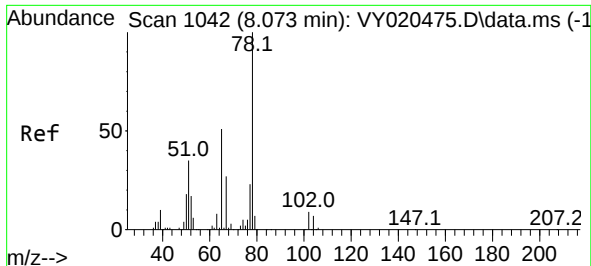
Ion Ratio Lower Upper

56 100

69 176.4 25.3 37.9#

84 116.3 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 55.887 ug/l

RT: 8.073 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY020506.D

Acq: 04 Dec 2024 10:50

Instrument :

MSVOA_Y

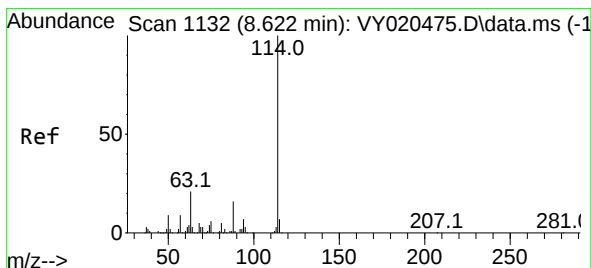
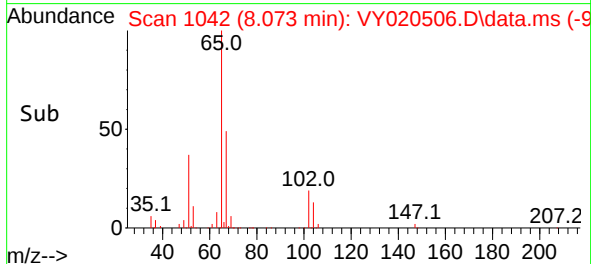
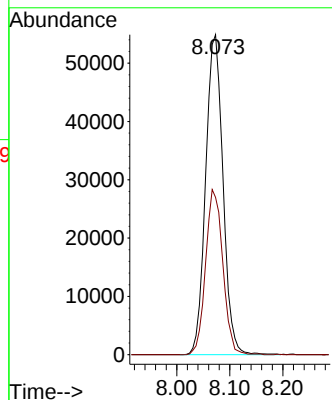
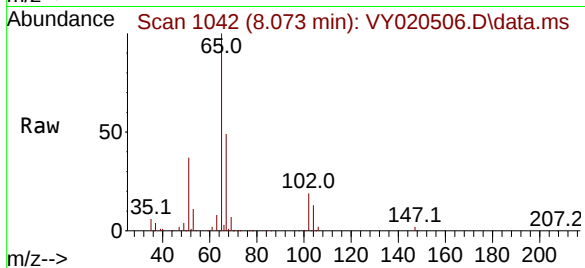
ClientSampleId :

Tgt Ion: 65 Resp: 124656

Ion Ratio Lower Upper

65 100

67 51.3 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: VY020506.D

Acq: 04 Dec 2024 10:50

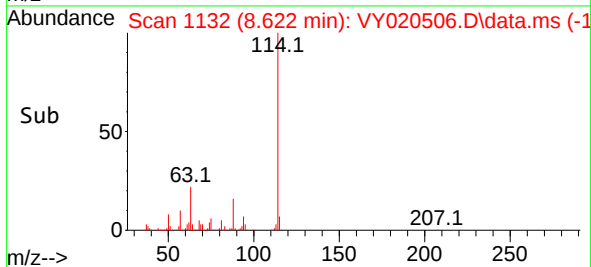
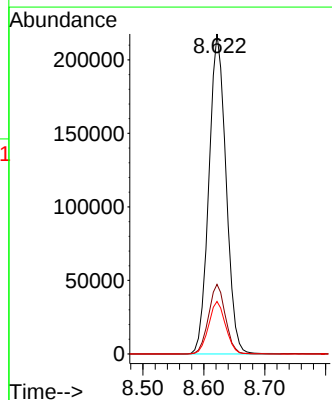
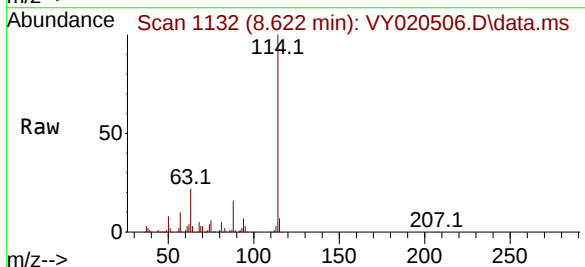
Tgt Ion:114 Resp: 424574

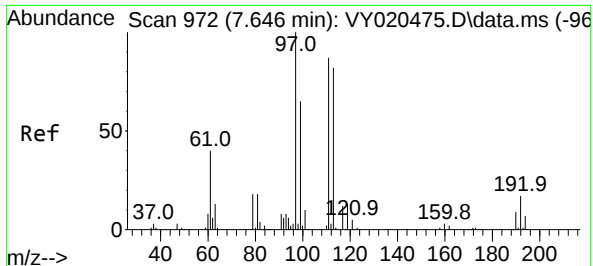
Ion Ratio Lower Upper

114 100

63 21.7 0.0 44.8

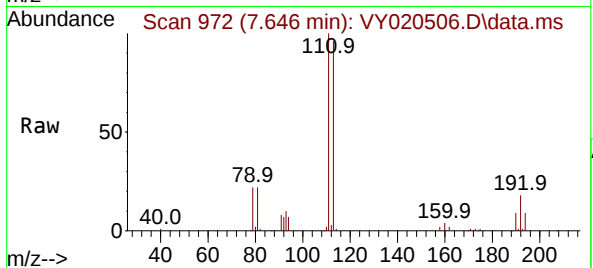
88 16.4 0.0 32.0



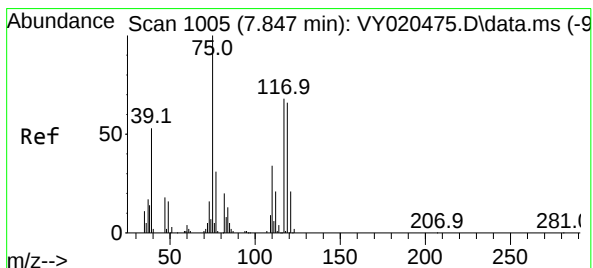
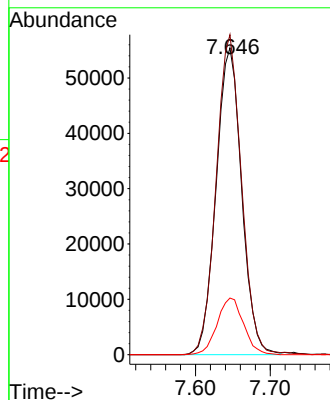
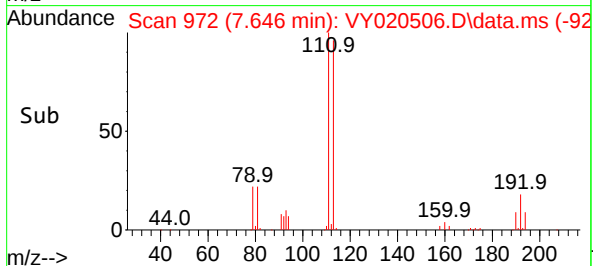


#35
Dibromofluoromethane
Concen: 49.295 ug/l
RT: 7.646 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY020506.D
Acq: 04 Dec 2024 10:50

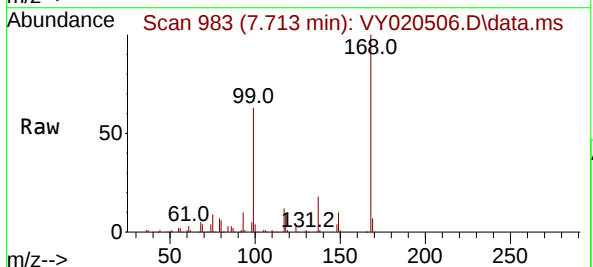
Instrument :
MSVOA_Y
ClientSampleId :



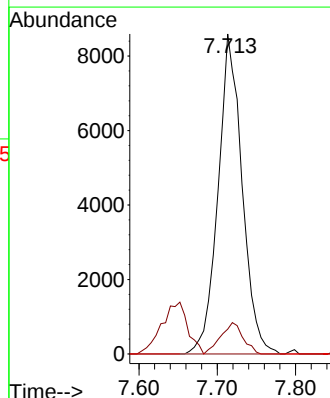
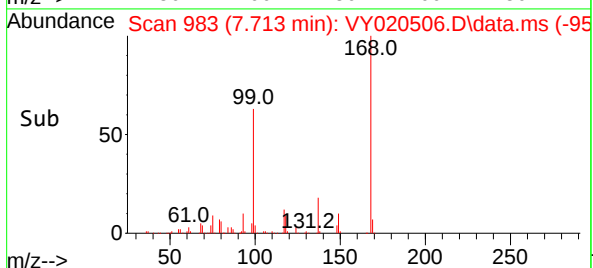
Tgt Ion:113 Resp: 131760
Ion Ratio Lower Upper
113 100
111 103.4 81.4 122.0
192 19.1 15.1 22.7

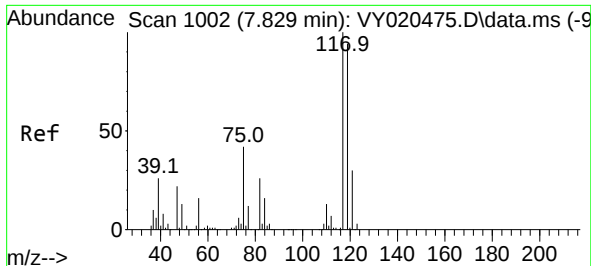


#36
1,1-Dichloropropene
Concen: 4.060 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.134 min
Lab File: VY020506.D
Acq: 04 Dec 2024 10:50



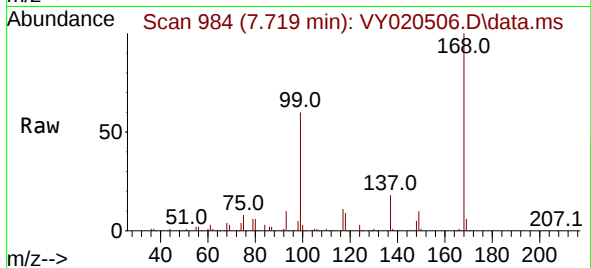
Tgt Ion: 75 Resp: 18324
Ion Ratio Lower Upper
75 100
110 9.1 16.7 50.0#
77 0.0 24.6 36.8#



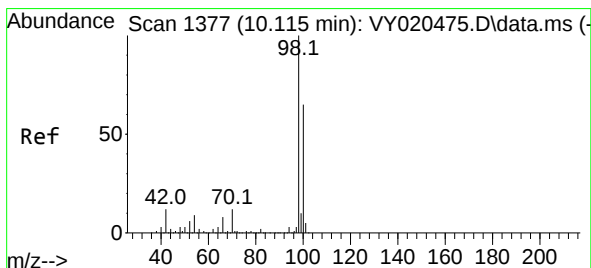
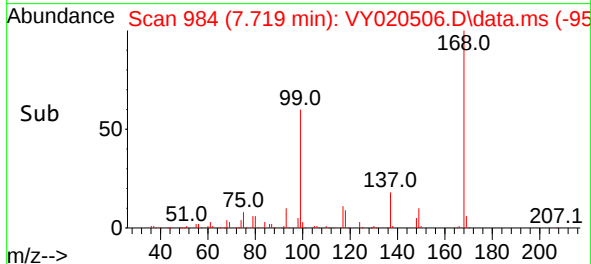
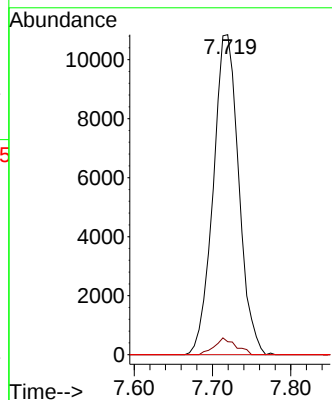


#38
Carbon Tetrachloride
Concen: 4.563 ug/l
RT: 7.719 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY020506.D
Acq: 04 Dec 2024 10:50

Instrument :
MSVOA_Y
ClientSampleId :

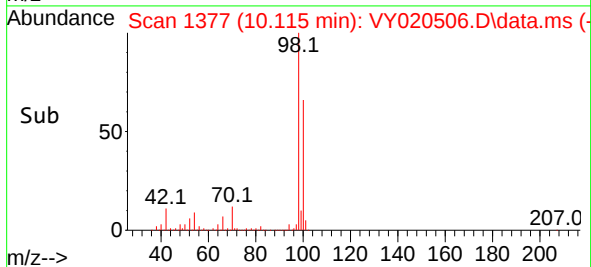
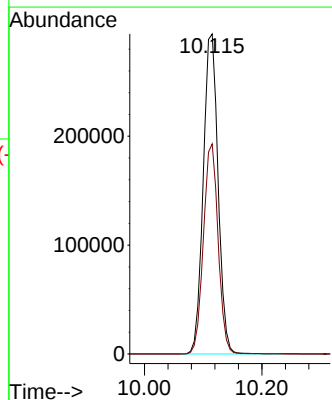
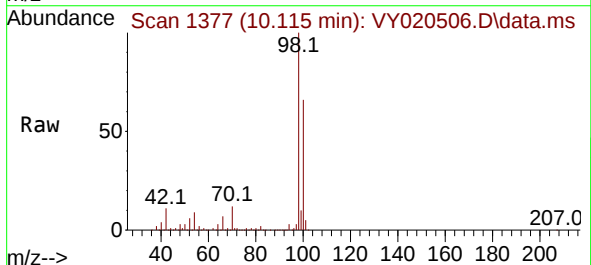


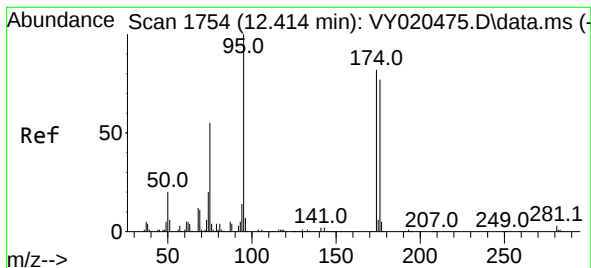
Tgt Ion:117 Resp: 24583
Ion Ratio Lower Upper
117 100
119 4.0 77.8 116.6#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 50.571 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. -0.000 min
Lab File: VY020506.D
Acq: 04 Dec 2024 10:50

Tgt Ion: 98 Resp: 514711
Ion Ratio Lower Upper
98 100
100 65.0 51.3 76.9

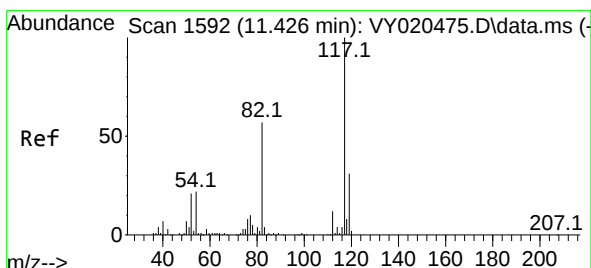
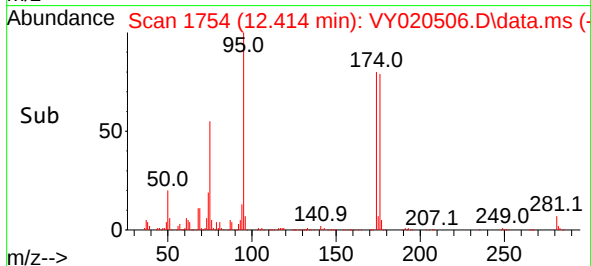
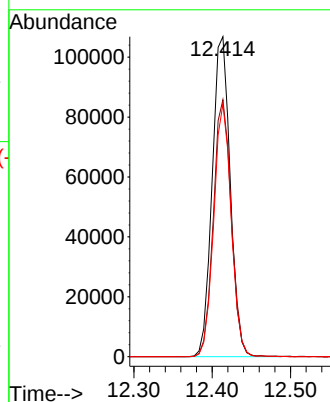
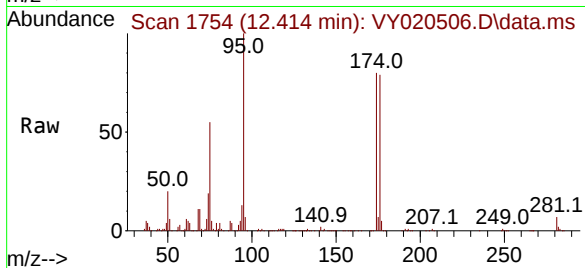




#62
4-Bromofluorobenzene
Concen: 47.904 ug/l
RT: 12.414 min Scan# 1754
Delta R.T. -0.000 min
Lab File: VY020506.D
Acq: 04 Dec 2024 10:50

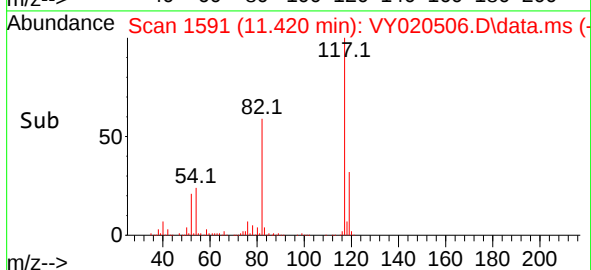
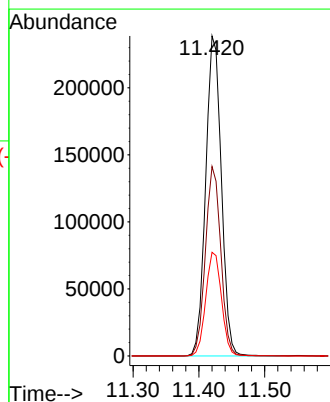
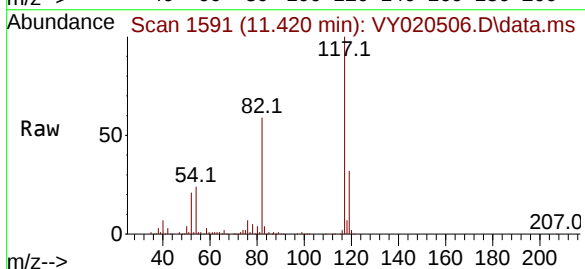
Instrument :
MSVOA_Y
ClientSampleId :

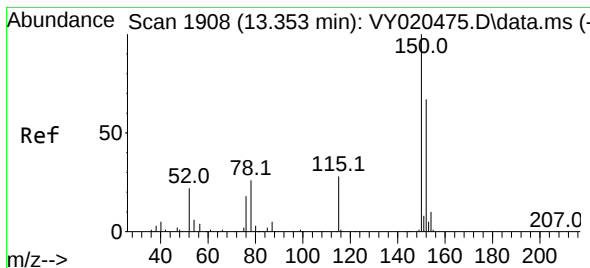
Tgt Ion: 95 Resp: 170524
Ion Ratio Lower Upper
95 100
174 80.1 0.0 156.8
176 76.5 0.0 152.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VY020506.D
Acq: 04 Dec 2024 10:50

Tgt Ion: 117 Resp: 395337
Ion Ratio Lower Upper
117 100
82 59.2 48.2 72.4
119 32.4 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

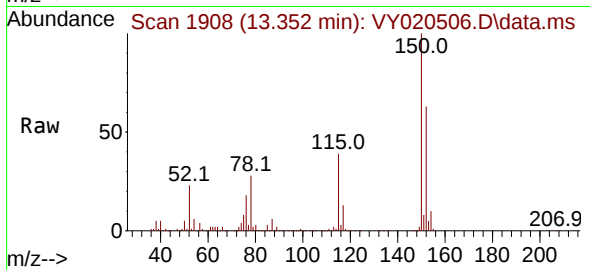
Lab File: VY020506.D

Acq: 04 Dec 2024 10:50

Instrument :

MSVOA_Y

ClientSampleId :



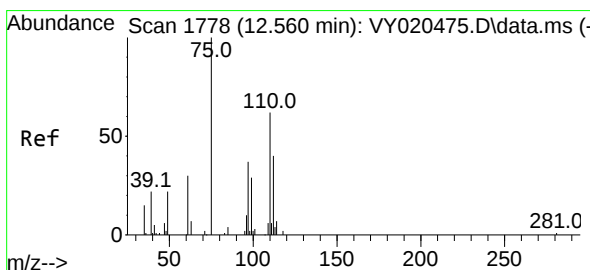
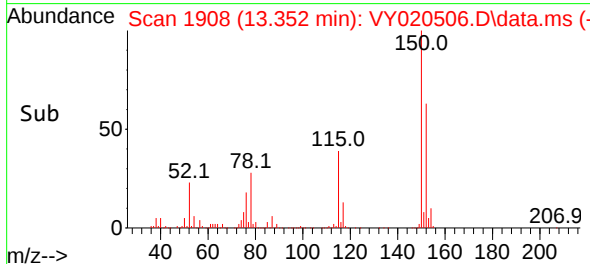
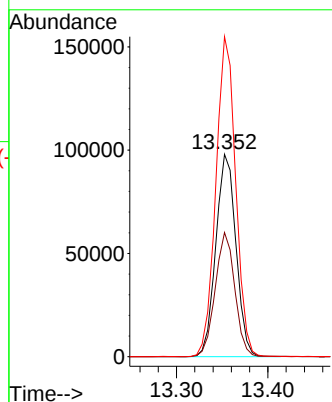
Tgt Ion:152 Resp: 149990

Ion Ratio Lower Upper

152 100

115 59.8 30.0 90.0

150 155.8 0.0 348.2



#76

1,2,3-Trichloropropane

Concen: 61.445 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.146 min

Lab File: VY020506.D

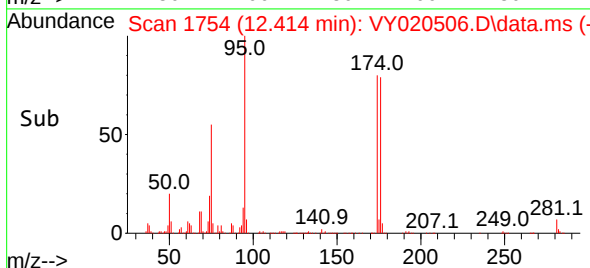
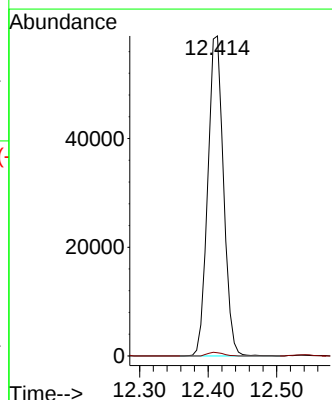
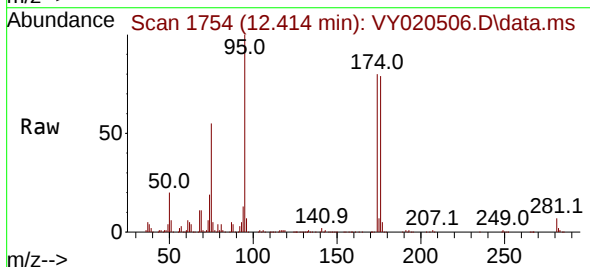
Acq: 04 Dec 2024 10:50

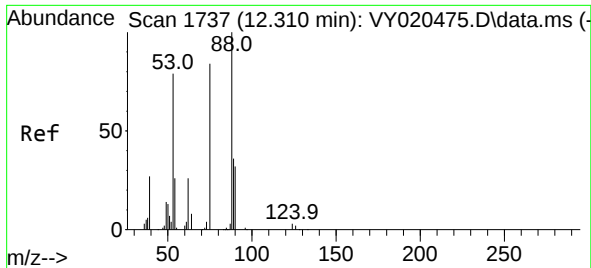
Tgt Ion: 75 Resp: 93884

Ion Ratio Lower Upper

75 100

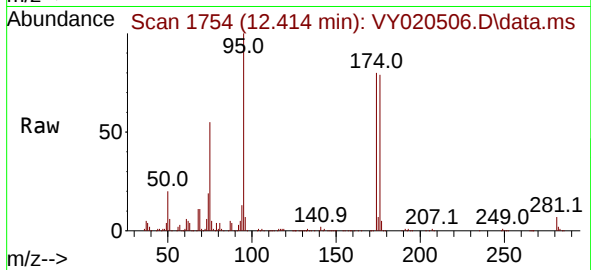
77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 126.077 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY020506.D
Acq: 04 Dec 2024 10:50

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	81.1	121.7#
89	0.2	35.1	52.7#

