

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021325\
 Data File : VY021186.D
 Acq On : 13 Feb 2025 10:13
 Operator : SY/MD
 Sample : VY0213SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Feb 14 00:38:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 2025
 Response via : Initial Calibration

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

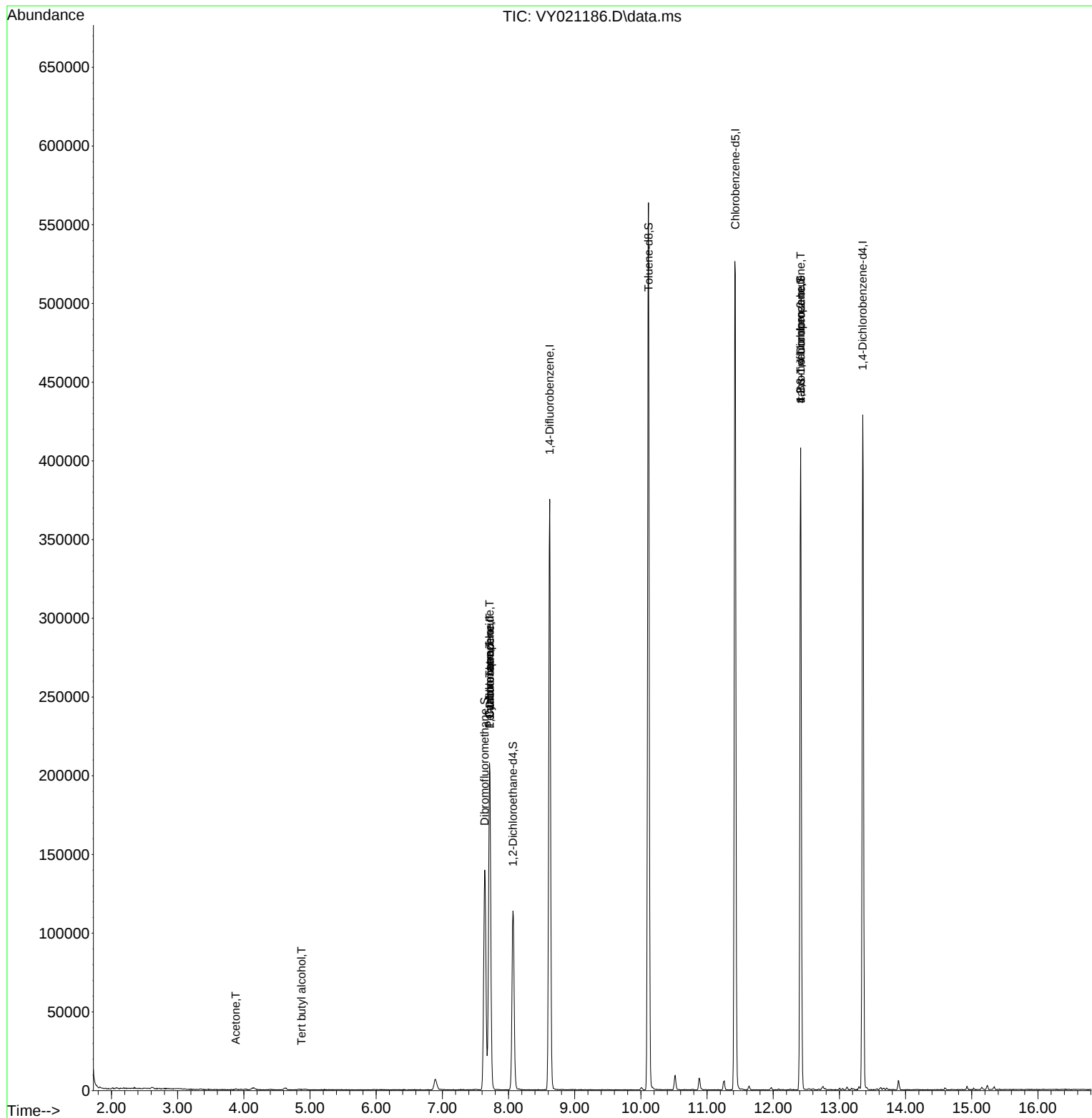
Internal Standards						
1) Pentafluorobenzene	7.719	168	157590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	301111	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	274579	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	104572	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	95418	59.096	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.200%
35) Dibromofluoromethane	7.640	113	98696	51.145	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.300%
50) Toluene-d8	10.115	98	365397	49.737	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.480%
62) 4-Bromofluorobenzene	12.414	95	115798	48.247	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.500%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.872	59	440	4.021	ug/l #	75
16) Acetone	3.879	43	778	3.090	ug/l #	73
31) Cyclohexane	7.713	56	3544	1.287	ug/l #	2
36) 1,1-Dichloropropene	7.719	75	13131	4.594	ug/l #	50
38) Carbon Tetrachloride	7.713	117	16923	5.067	ug/l #	18
76) 1,2,3-Trichloropropane	12.414	75	65481	69.029	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.414	75	65481	140.853	ug/l #	12

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

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Quant Time: Feb 14 00:38:14 2025
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Quant Title : SW846 8260
QLast Update : Mon Feb 03 13:08:38 2025
Response via : Initial Calibration

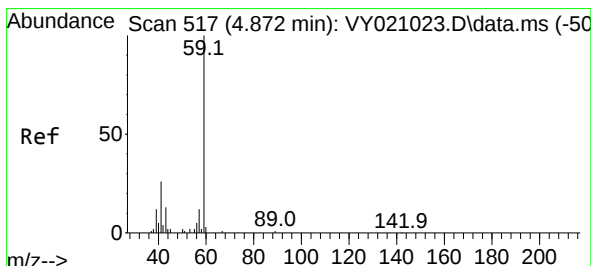
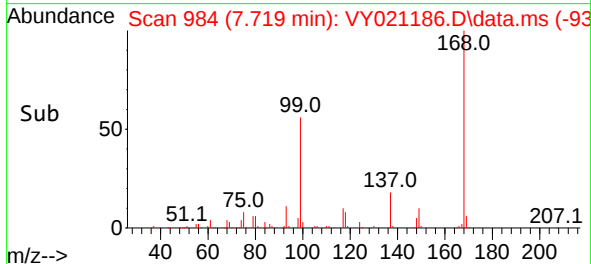
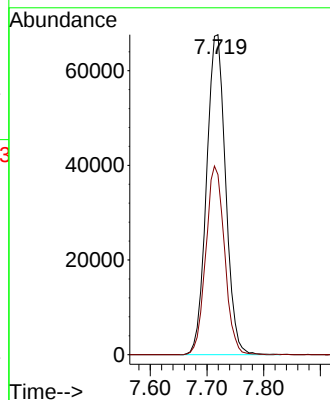
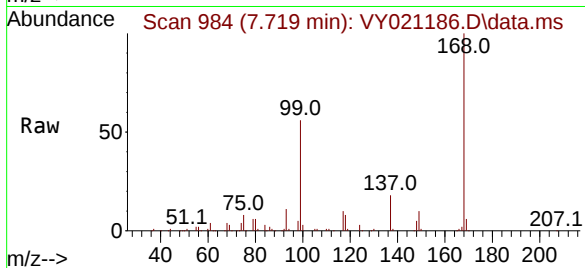




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.719 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY021186.D
Acq: 13 Feb 2025 10:13

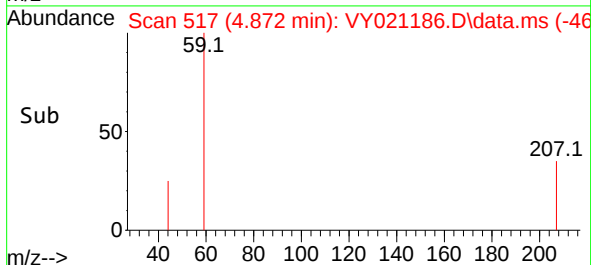
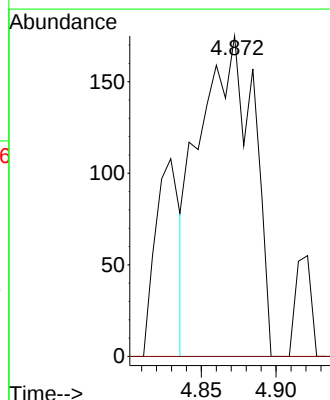
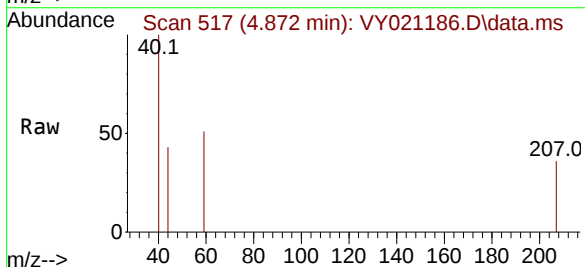
Instrument :
MSVOA_Y
ClientSampleId :

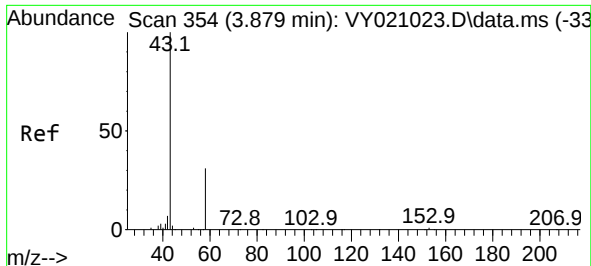
Tgt Ion:168 Resp: 157590
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#11
Tert butyl alcohol
Concen: 4.021 ug/l
RT: 4.872 min Scan# 517
Delta R.T. -0.000 min
Lab File: VY021186.D
Acq: 13 Feb 2025 10:13

Tgt Ion: 59 Resp: 440
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

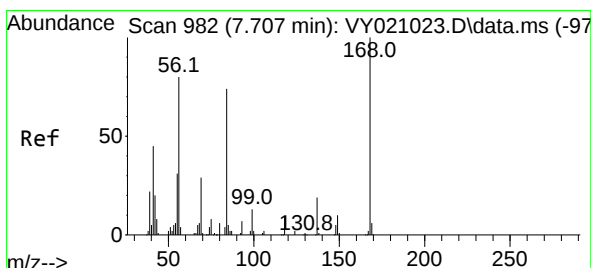
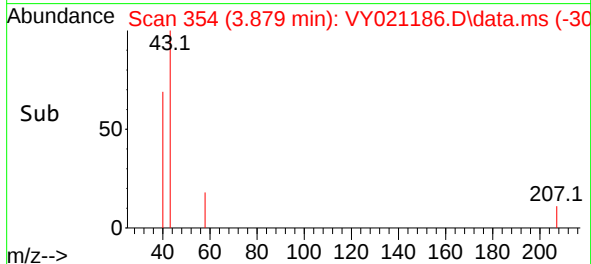
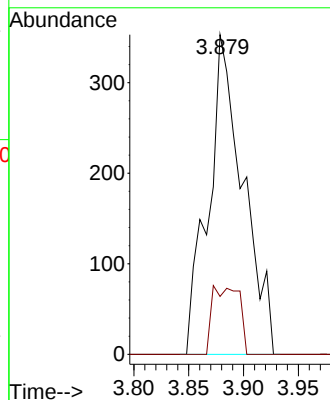
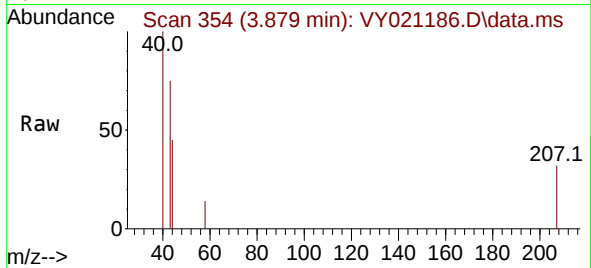




#16
Acetone
Concen: 3.090 ug/l
RT: 3.879 min Scan# 31
Delta R.T. -0.000 min
Lab File: VY021186.D
Acq: 13 Feb 2025 10:13

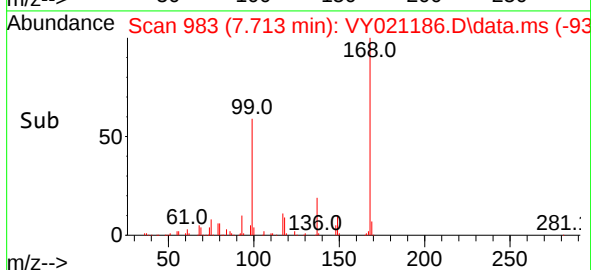
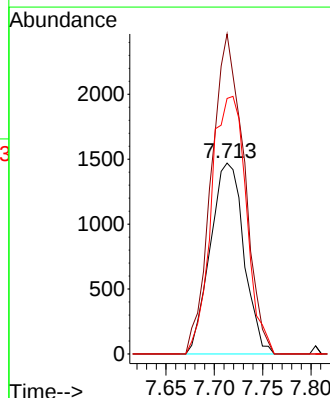
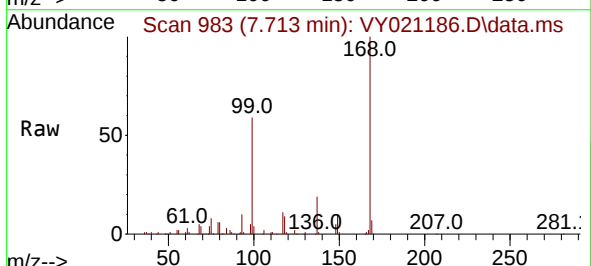
Instrument :
MSVOA_Y
ClientSampleId :

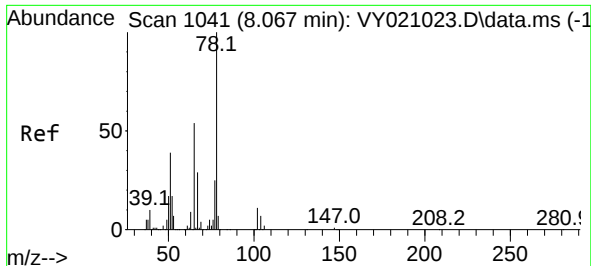
Tgt Ion: 43 Resp: 778
Ion Ratio Lower Upper
43 100
58 18.1 26.6 39.8#



#31
Cyclohexane
Concen: 1.287 ug/l
RT: 7.713 min Scan# 983
Delta R.T. 0.006 min
Lab File: VY021186.D
Acq: 13 Feb 2025 10:13

Tgt Ion: 56 Resp: 3544
Ion Ratio Lower Upper
56 100
69 167.7 27.0 40.6#
84 133.9 71.8 107.6#





#33

1,2-Dichloroethane-d4

Concen: 59.096 ug/l

RT: 8.067 min Scan# 1104

Delta R.T. -0.000 min

Lab File: VY021186.D

Acq: 13 Feb 2025 10:13

Instrument :

MSVOA_Y

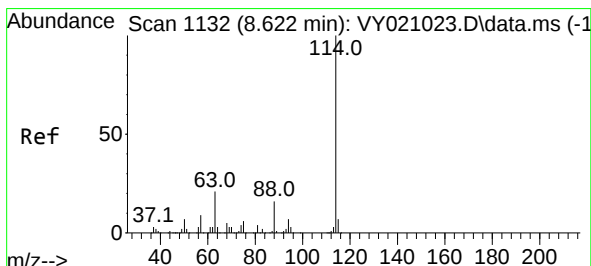
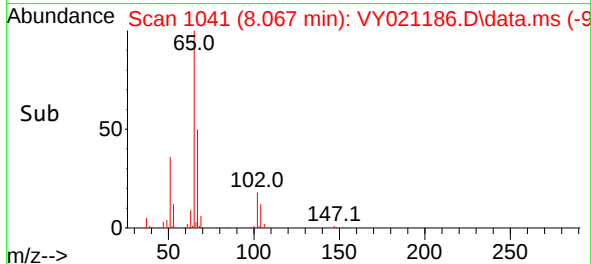
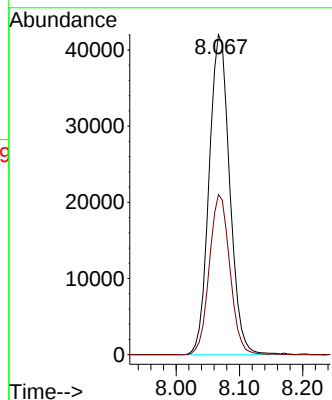
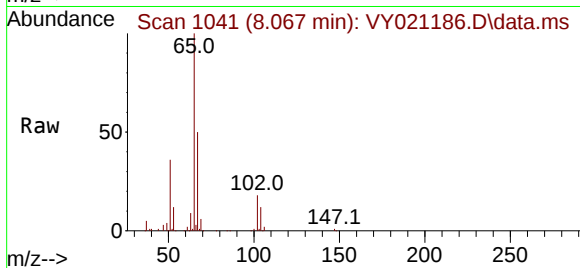
ClientSampleId :

Tgt Ion: 65 Resp: 95418

Ion Ratio Lower Upper

65 100

67 49.8 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VY021186.D

Acq: 13 Feb 2025 10:13

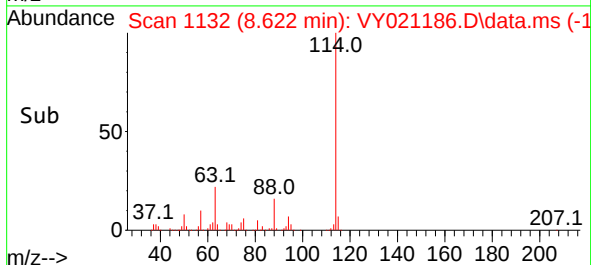
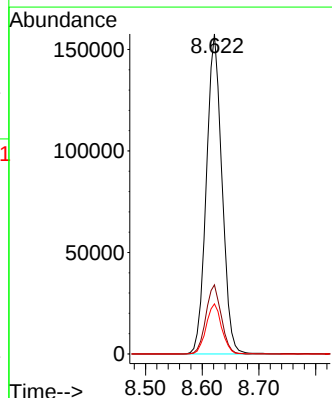
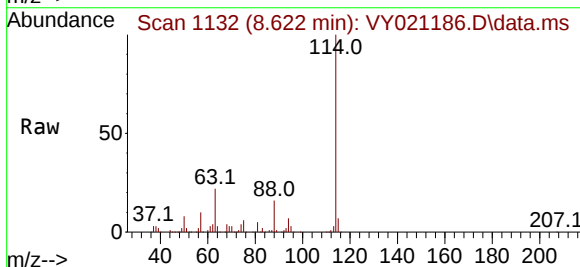
Tgt Ion: 114 Resp: 301111

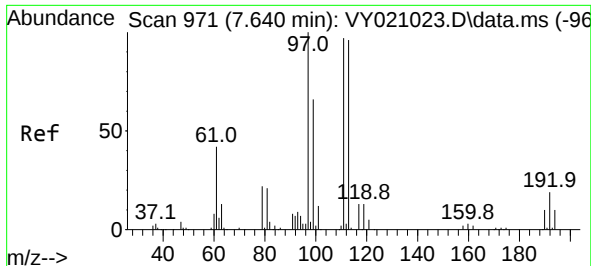
Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.4

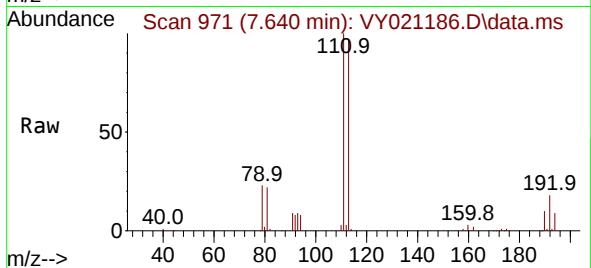
88 15.6 0.0 29.0



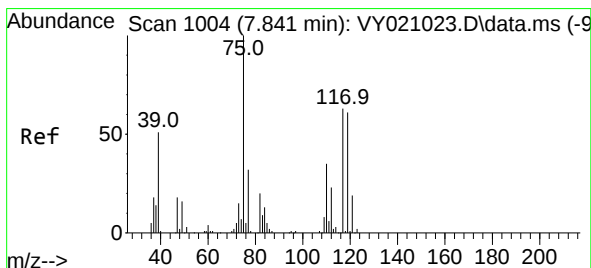
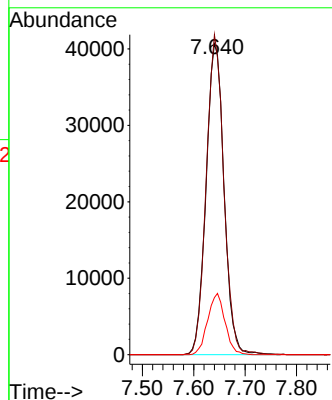
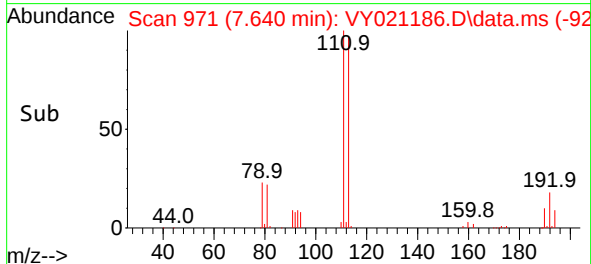


#35
Dibromofluoromethane
Concen: 51.145 ug/l
RT: 7.640 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY021186.D
Acq: 13 Feb 2025 10:13

Instrument :
MSVOA_Y
ClientSampleId :

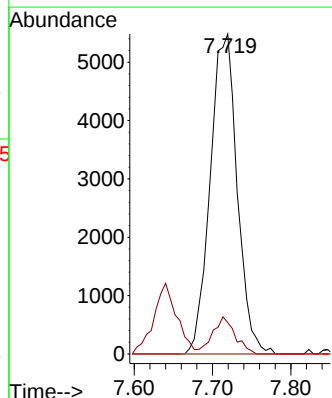
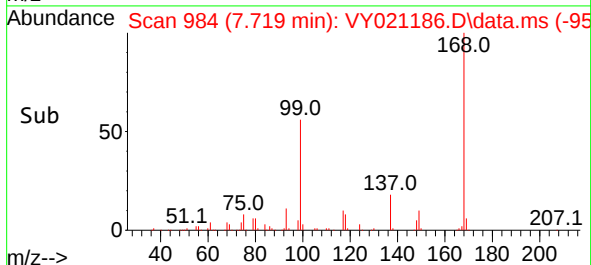
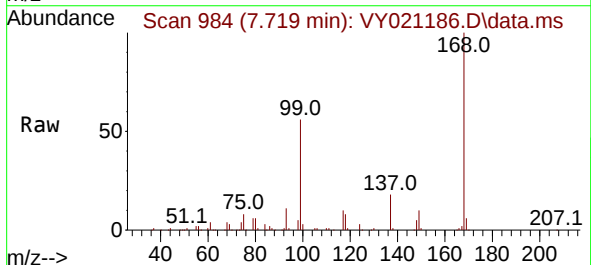


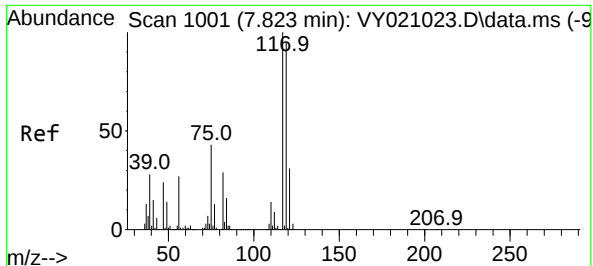
Tgt Ion:113 Resp: 98696
Ion Ratio Lower Upper
113 100
111 100.6 83.8 125.6
192 19.0 14.5 21.7



#36
1,1-Dichloropropene
Concen: 4.594 ug/l
RT: 7.719 min Scan# 984
Delta R.T. -0.122 min
Lab File: VY021186.D
Acq: 13 Feb 2025 10:13

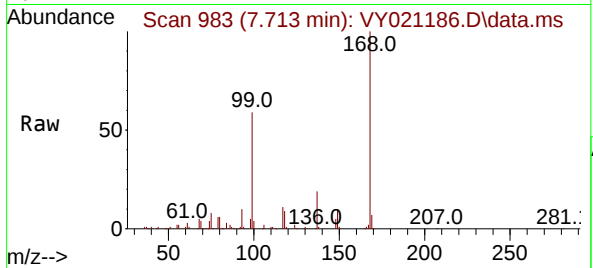
Tgt Ion: 75 Resp: 13131
Ion Ratio Lower Upper
75 100
110 9.5 17.4 52.3#
77 0.0 24.7 37.1#



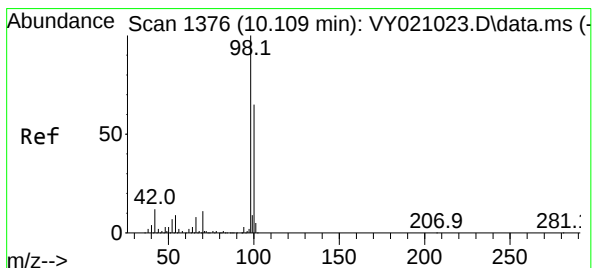
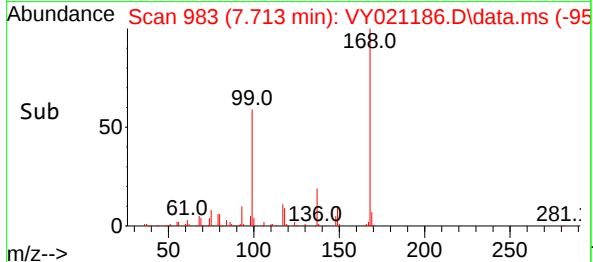
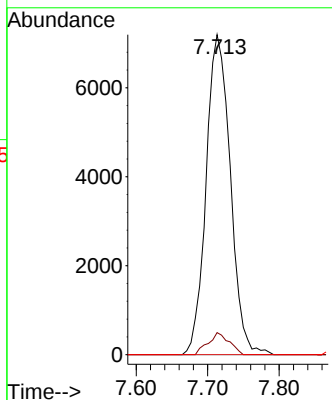


#38
Carbon Tetrachloride
Concen: 5.067 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY021186.D
Acq: 13 Feb 2025 10:13

Instrument :
MSVOA_Y
ClientSampleId :

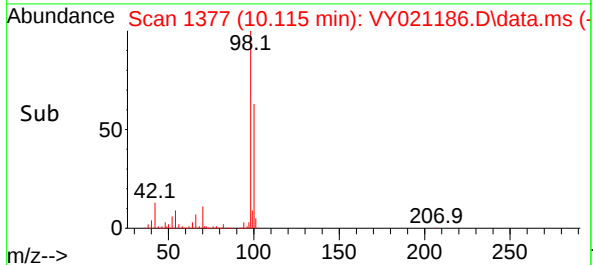
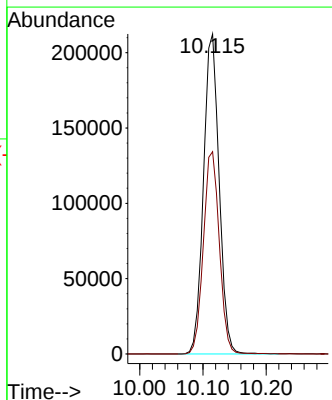
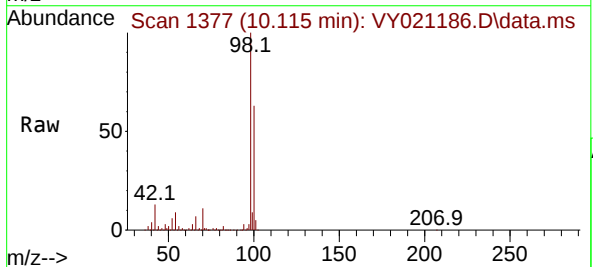


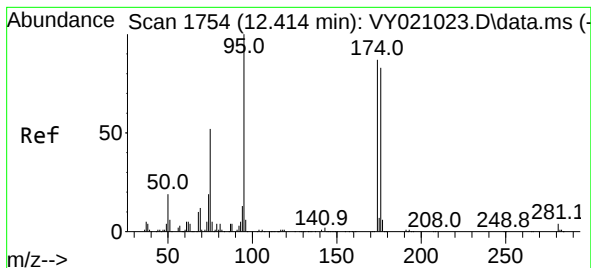
Tgt Ion:117 Resp: 16923
Ion Ratio Lower Upper
117 100
119 6.9 76.0 114.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.737 ug/l
RT: 10.115 min Scan# 1377
Delta R.T. 0.006 min
Lab File: VY021186.D
Acq: 13 Feb 2025 10:13

Tgt Ion: 98 Resp: 365397
Ion Ratio Lower Upper
98 100
100 64.3 52.3 78.5

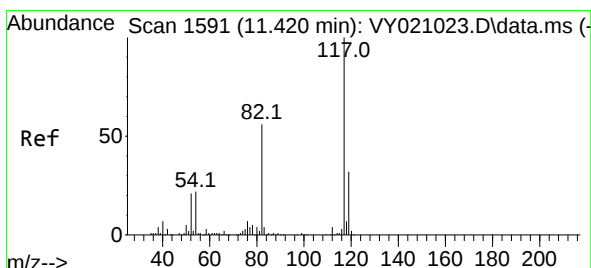
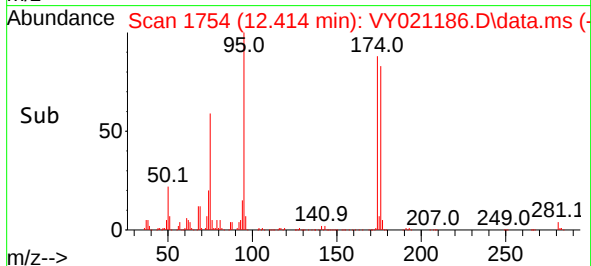
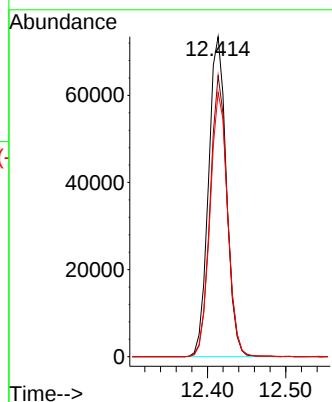
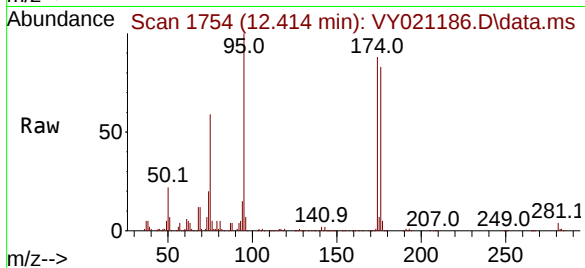




#62
4-Bromofluorobenzene
Concen: 48.247 ug/l
RT: 12.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY021186.D
Acq: 13 Feb 2025 10:13

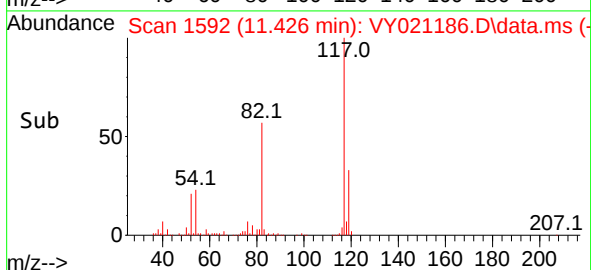
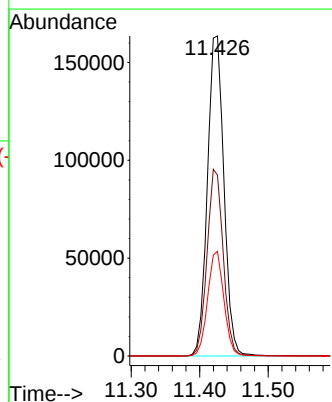
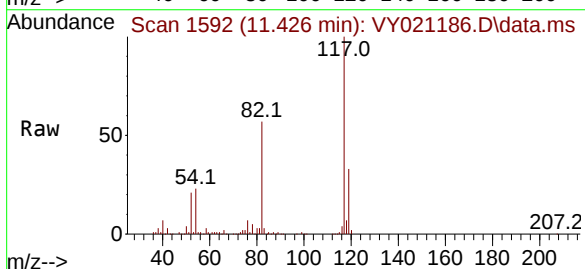
Instrument :
MSVOA_Y
ClientSampleId :

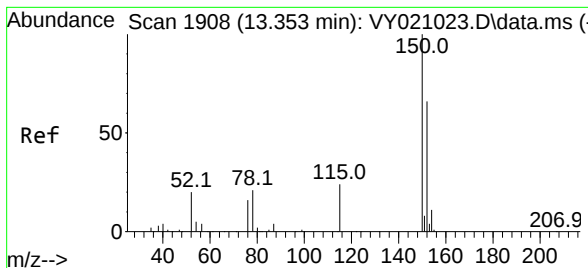
Tgt Ion: 95 Resp: 115798
Ion Ratio Lower Upper
95 100
174 84.7 0.0 160.0
176 81.4 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.006 min
Lab File: VY021186.D
Acq: 13 Feb 2025 10:13

Tgt Ion: 117 Resp: 274579
Ion Ratio Lower Upper
117 100
82 56.5 43.8 65.8
119 32.7 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.352 min Scan# 1908

Delta R.T. -0.000 min

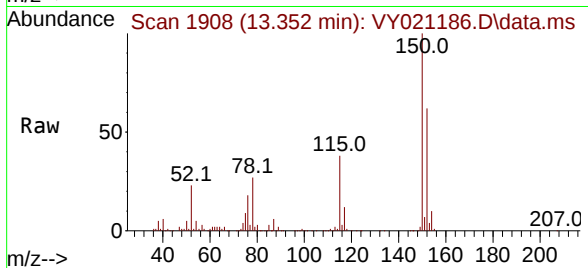
Lab File: VY021186.D

Acq: 13 Feb 2025 10:13

Instrument :

MSVOA_Y

ClientSampleId :



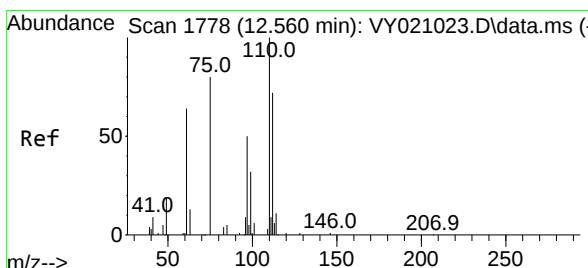
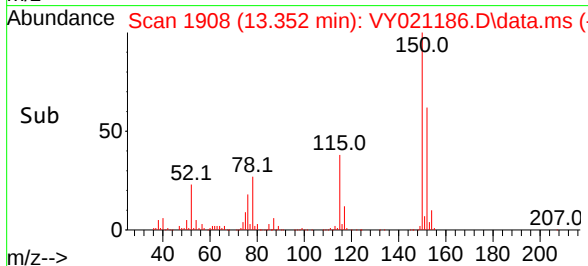
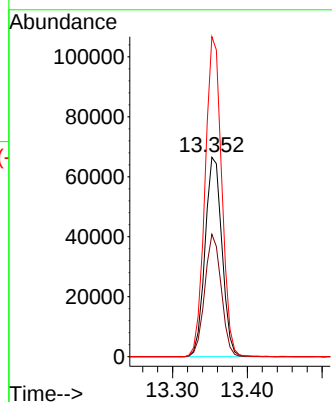
Tgt Ion:152 Resp: 104572

Ion Ratio Lower Upper

152 100

115 59.7 30.0 90.0

150 157.6 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 69.029 ug/l

RT: 12.414 min Scan# 1754

Delta R.T. -0.147 min

Lab File: VY021186.D

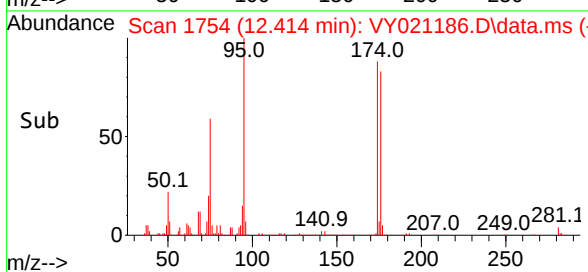
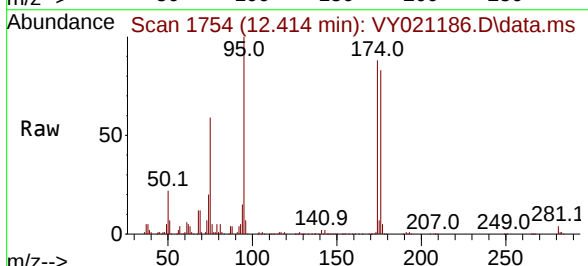
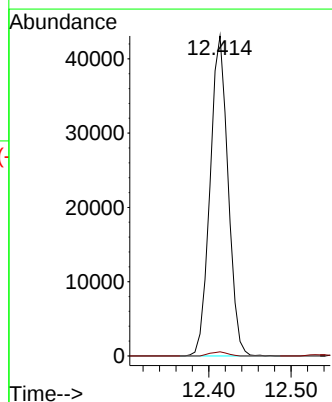
Acq: 13 Feb 2025 10:13

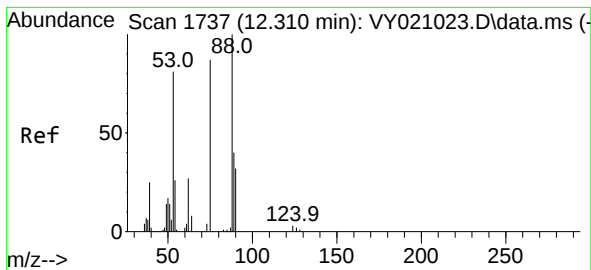
Tgt Ion: 75 Resp: 65481

Ion Ratio Lower Upper

75 100

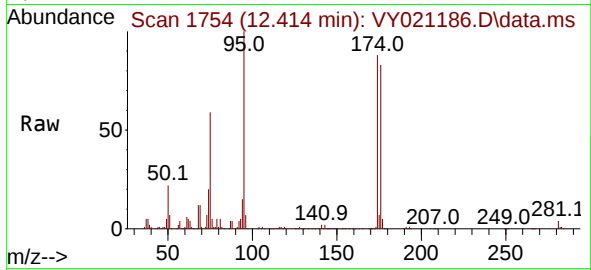
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 140.853 ug/l
RT: 12.414 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY021186.D
Acq: 13 Feb 2025 10:13

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 65481
Ion Ratio Lower Upper
75 100
53 0.1 74.0 111.0#
89 0.1 36.5 54.7#

