

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020086.D
 Acq On : 31 Oct 2024 11:55
 Operator : SY/MD
 Sample : VY1031SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:44:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

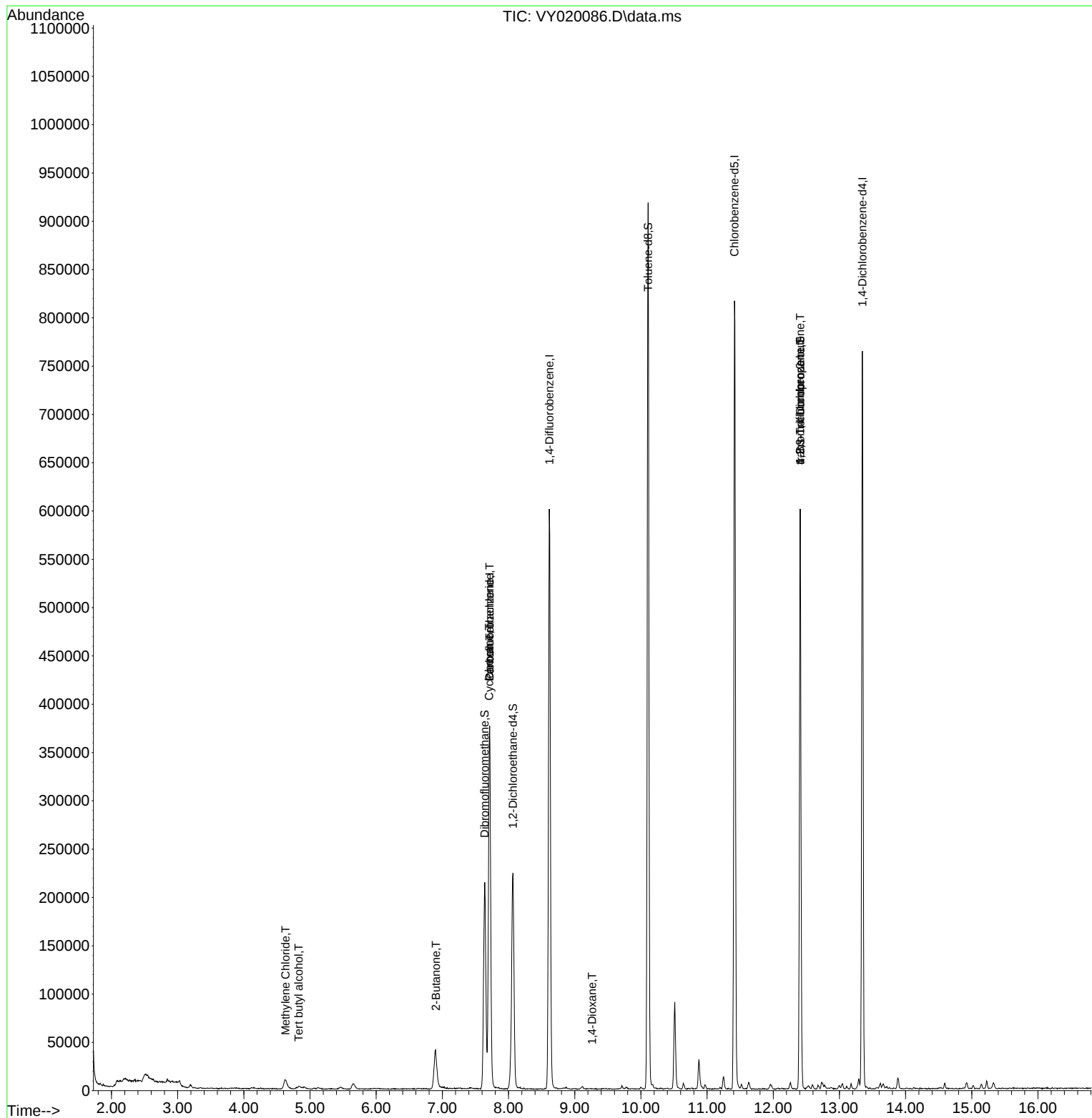
Internal Standards						
1) Pentafluorobenzene	7.713	168	266060	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	487691	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	402156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	165838	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	163359	49.196	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.400%
35) Dibromofluoromethane	7.640	113	148468	47.882	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.760%
50) Toluene-d8	10.109	98	574901	46.580	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	93.160%
62) 4-Bromofluorobenzene	12.408	95	174041	43.413	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.820%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.830	59	3176	13.297	ug/l #	90
20) Methylene Chloride	4.628	84	6334	1.826	ug/l #	88
25) 2-Butanone	6.902	43	2660	2.541	ug/l #	68
31) Cyclohexane	7.707	56	8555	1.420	ug/l #	36
38) Carbon Tetrachloride	7.713	117	30583	6.349	ug/l #	15
49) 1,4-Dioxane	9.262	88	20	1.072	ug/l #	20
76) 1,2,3-Trichloropropane	12.408	75	100429	64.603	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	100429	138.959	ug/l #	16

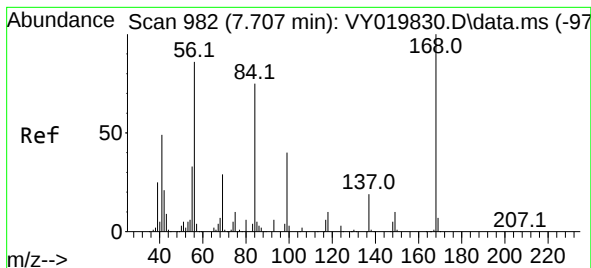
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Oct 31 15:23:13 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY020086.D

Acq: 31 Oct 2024 11:55

Instrument :

MSVOA_Y

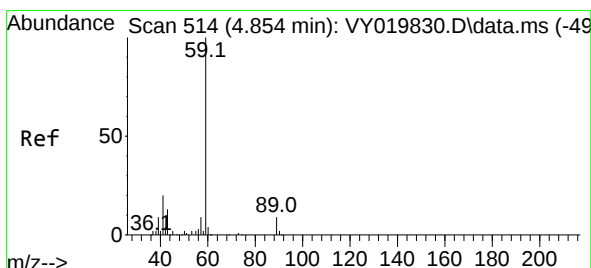
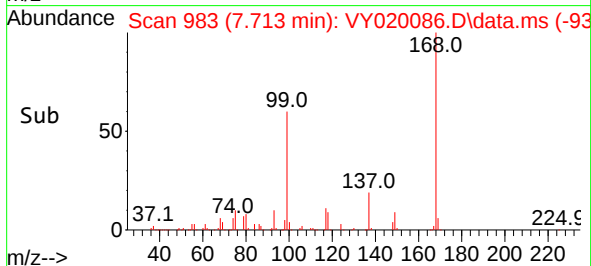
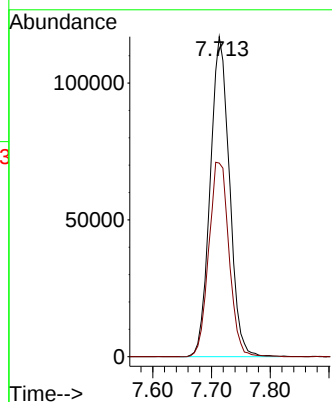
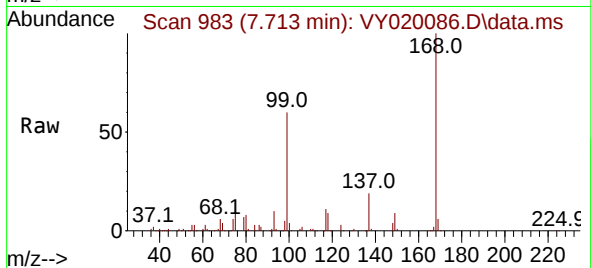
ClientSampleId :

Tgt Ion:168 Resp: 266060

Ion Ratio Lower Upper

168 100

99 60.5 39.1 58.7#



#11

Tert butyl alcohol

Concen: 13.297 ug/l

RT: 4.830 min Scan# 510

Delta R.T. -0.030 min

Lab File: VY020086.D

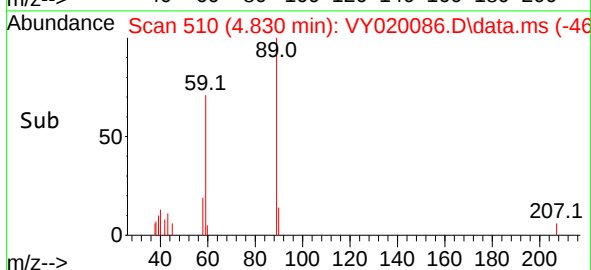
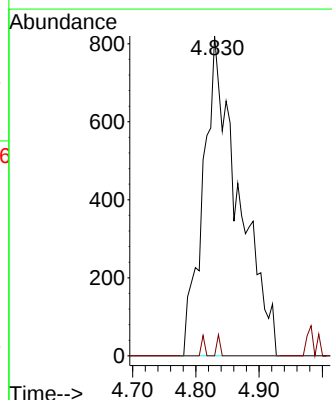
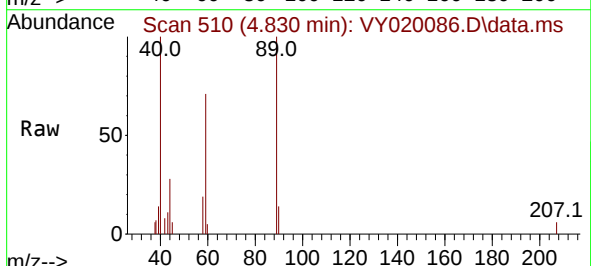
Acq: 31 Oct 2024 11:55

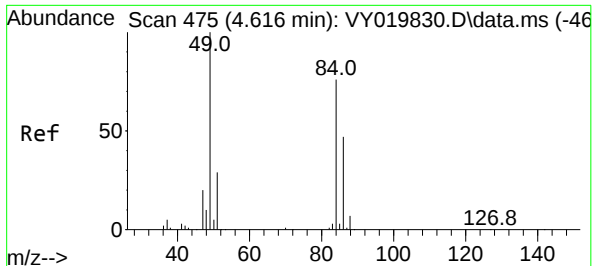
Tgt Ion: 59 Resp: 3176

Ion Ratio Lower Upper

59 100

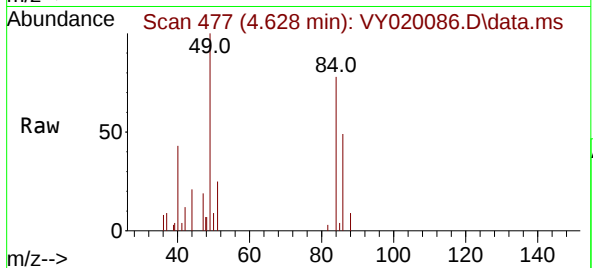
57 0.6 3.0 4.6#



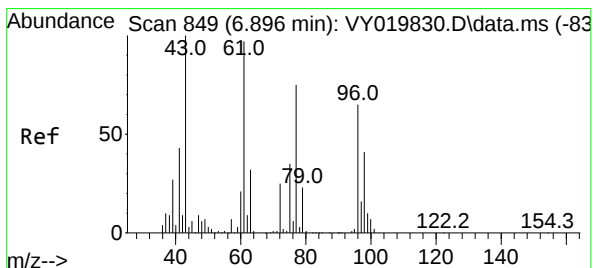
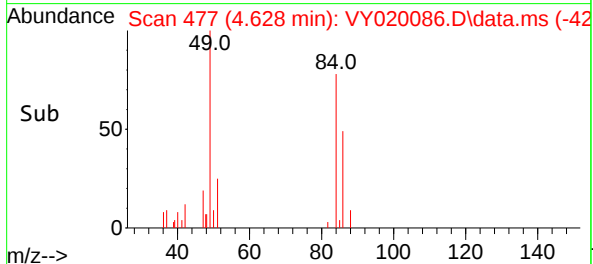
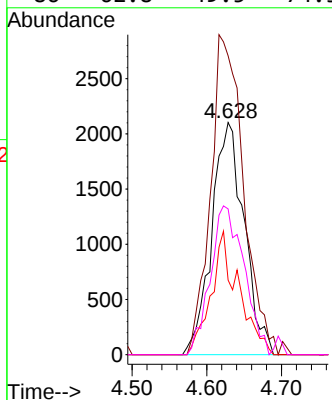


#20
Methylene Chloride
Concen: 1.826 ug/l
RT: 4.628 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY020086.D
Acq: 31 Oct 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :

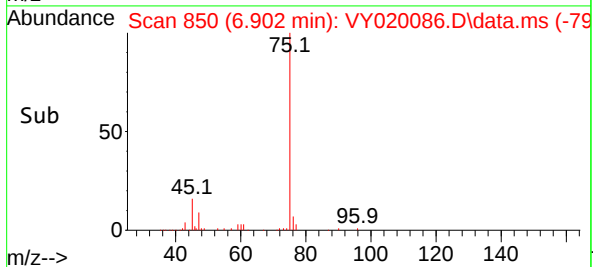
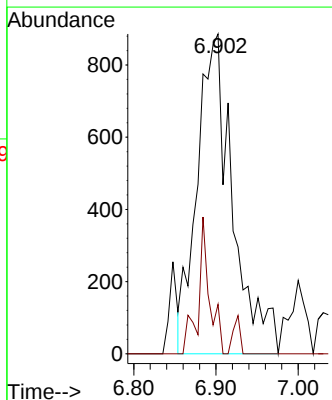
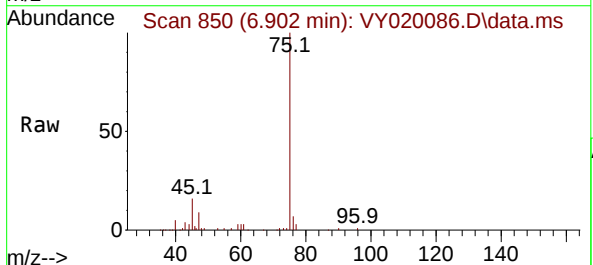


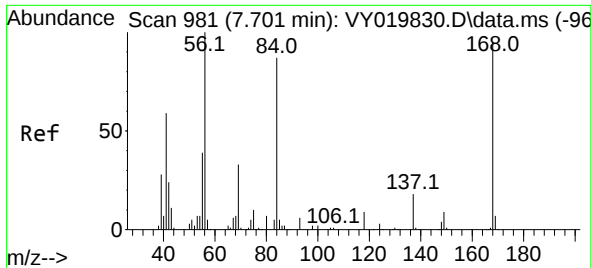
Tgt Ion: 84 Resp: 6334
Ion Ratio Lower Upper
84 100
49 128.8 84.4 126.6#
51 32.1 26.0 39.0
86 62.8 49.5 74.3



#25
2-Butanone
Concen: 2.541 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY020086.D
Acq: 31 Oct 2024 11:55

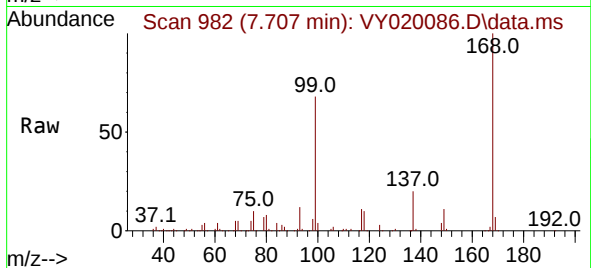
Tgt Ion: 43 Resp: 2660
Ion Ratio Lower Upper
43 100
72 15.5 27.3 40.9#



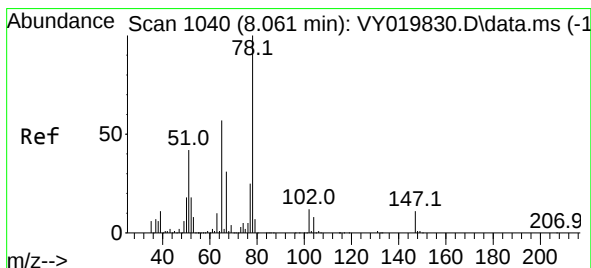
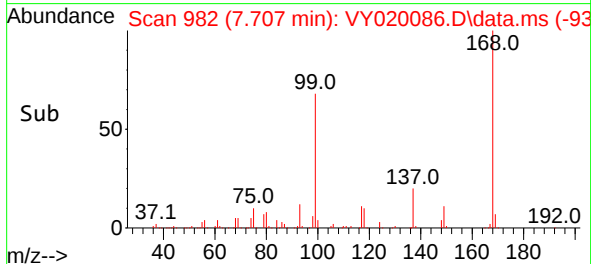
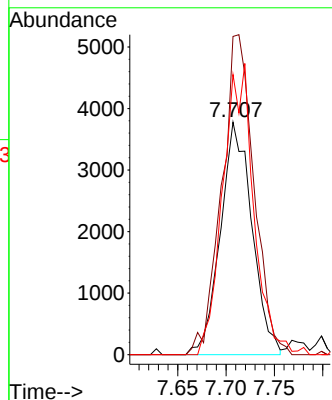


#31
Cyclohexane
Concen: 1.420 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY020086.D
Acq: 31 Oct 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :

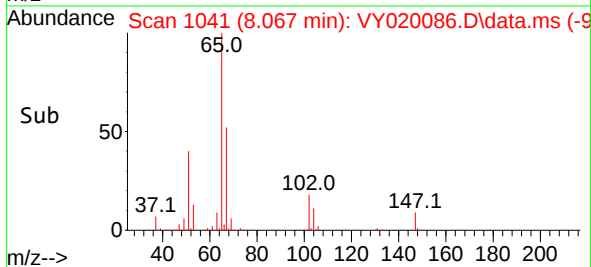
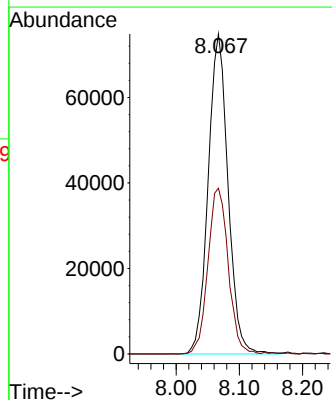
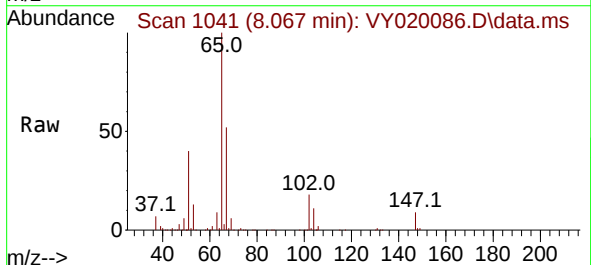


Tgt Ion: 56 Resp: 8555
Ion Ratio Lower Upper
56 100
69 136.9 28.7 43.1#
84 120.5 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 49.196 ug/l
RT: 8.067 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VY020086.D
Acq: 31 Oct 2024 11:55

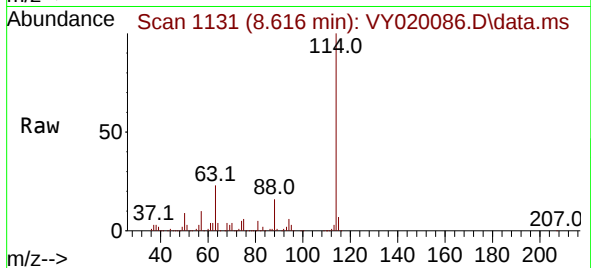
Tgt Ion: 65 Resp: 163359
Ion Ratio Lower Upper
65 100
67 53.1 0.0 109.6



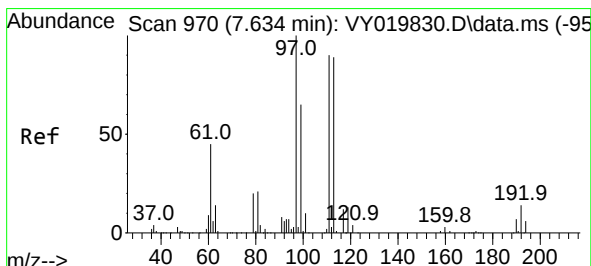
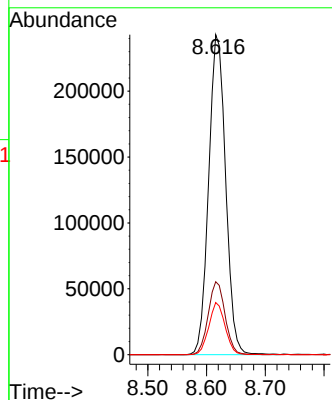
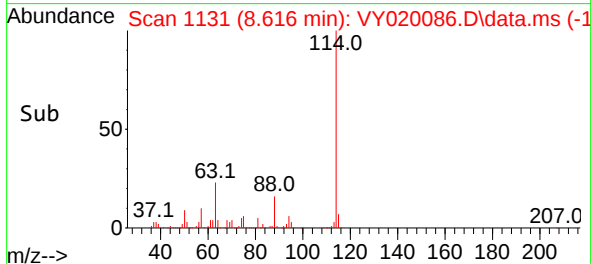


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.616 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VY020086.D
Acq: 31 Oct 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :

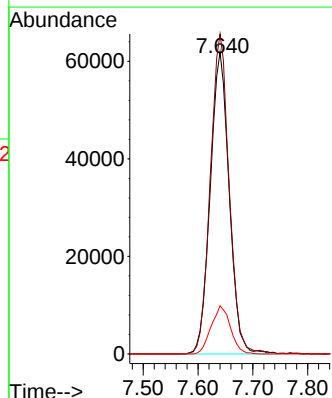
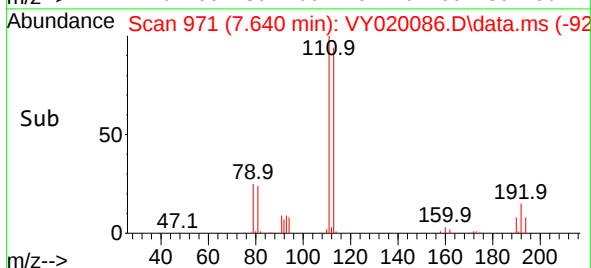
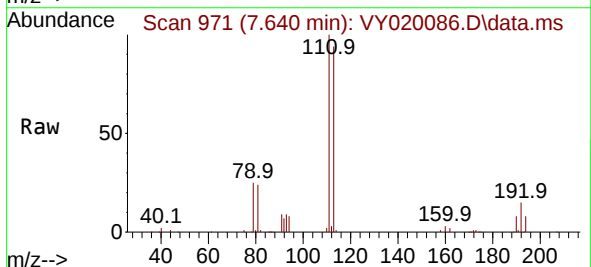


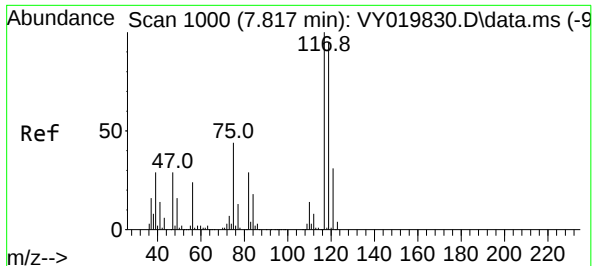
Tgt Ion:114 Resp: 487691
Ion Ratio Lower Upper
114 100
63 22.8 0.0 35.0
88 16.3 0.0 27.2



#35
Dibromofluoromethane
Concen: 47.882 ug/l
RT: 7.640 min Scan# 971
Delta R.T. 0.006 min
Lab File: VY020086.D
Acq: 31 Oct 2024 11:55

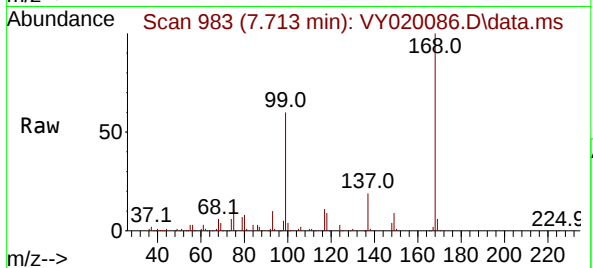
Tgt Ion:113 Resp: 148468
Ion Ratio Lower Upper
113 100
111 105.1 82.2 123.4
192 16.2 15.9 23.9



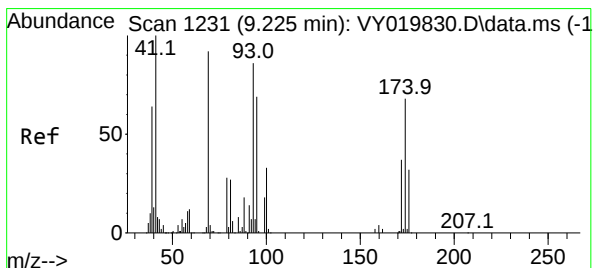
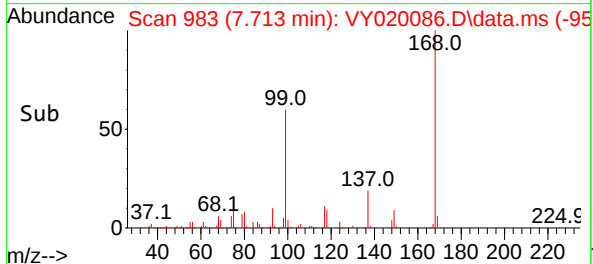
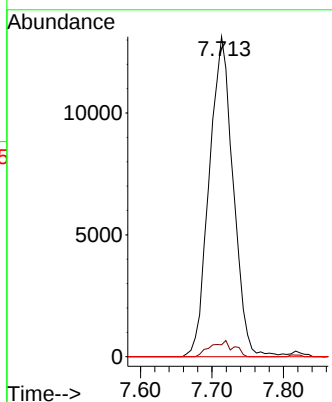


#38
Carbon Tetrachloride
Concen: 6.349 ug/l
RT: 7.713 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY020086.D
Acq: 31 Oct 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :

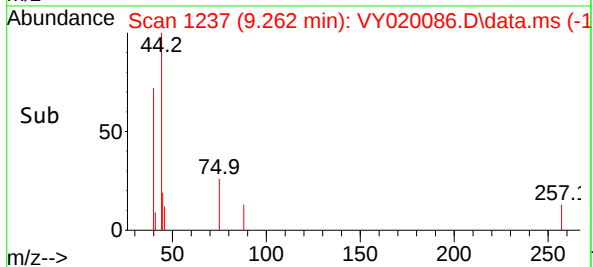
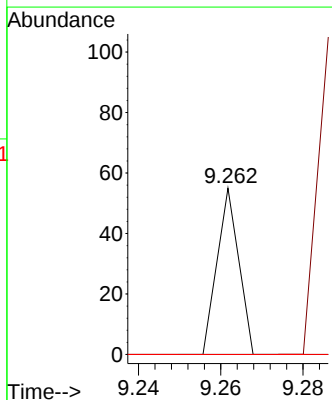
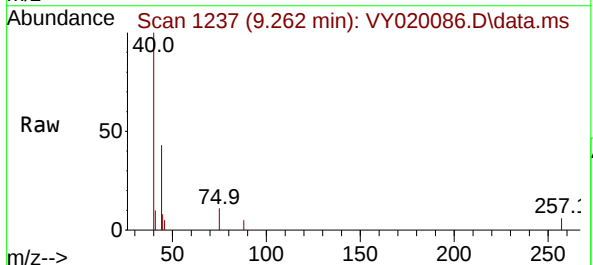


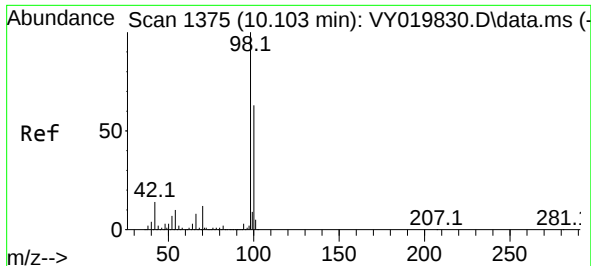
Tgt Ion:117 Resp: 30583
Ion Ratio Lower Upper
117 100
119 3.7 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.072 ug/l
RT: 9.262 min Scan# 1237
Delta R.T. 0.031 min
Lab File: VY020086.D
Acq: 31 Oct 2024 11:55

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

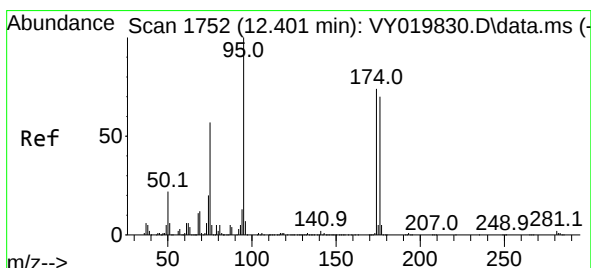
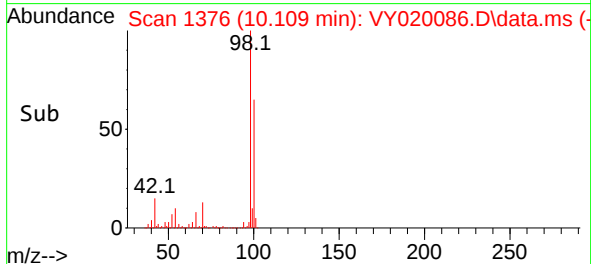
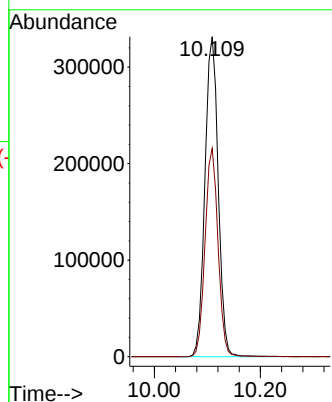
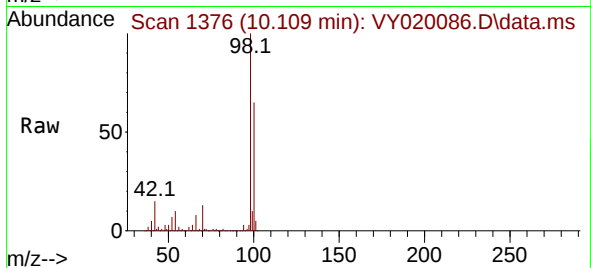




#50
Toluene-d8
Concen: 46.580 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020086.D
Acq: 31 Oct 2024 11:55

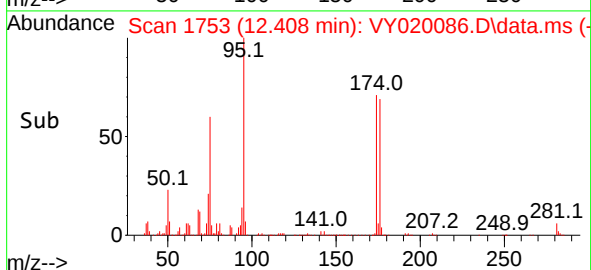
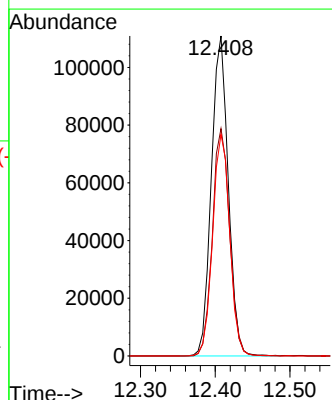
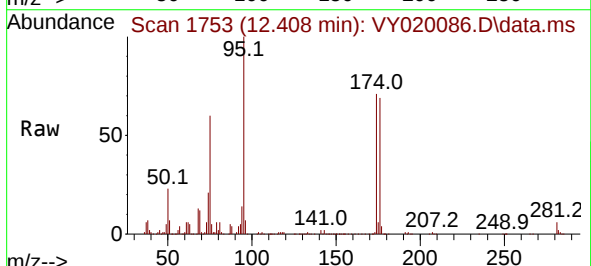
Instrument :
MSVOA_Y
ClientSampleId :

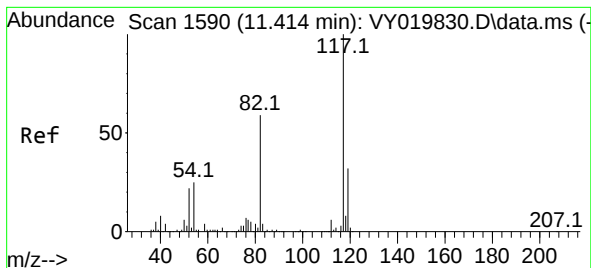
Tgt Ion: 98 Resp: 574901
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.413 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020086.D
Acq: 31 Oct 2024 11:55

Tgt Ion: 95 Resp: 174041
Ion Ratio Lower Upper
95 100
174 72.4 0.0 175.6
176 70.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

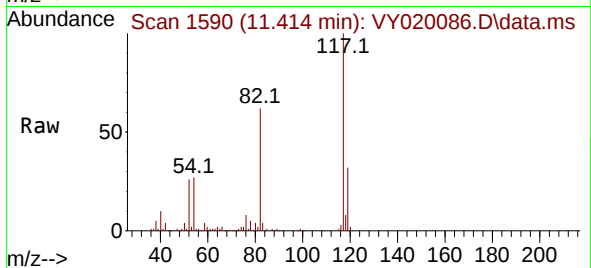
Lab File: VY020086.D

Acq: 31 Oct 2024 11:55

Instrument :

MSVOA_Y

ClientSampleId :



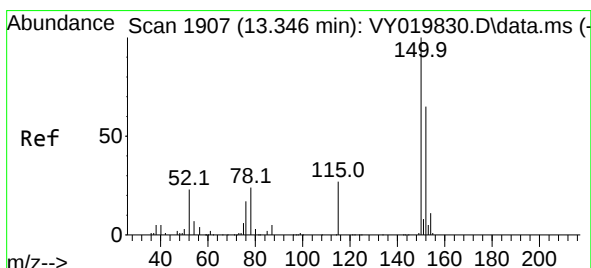
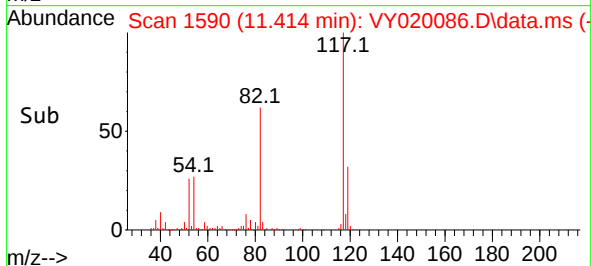
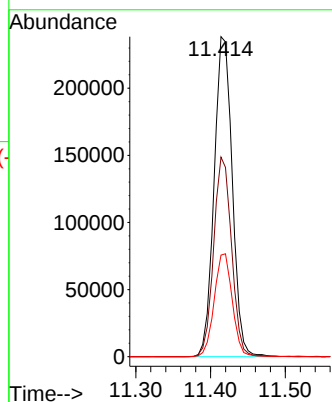
Tgt Ion:117 Resp: 402156

Ion Ratio Lower Upper

117 100

82 62.4 42.4 63.6

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY020086.D

Acq: 31 Oct 2024 11:55

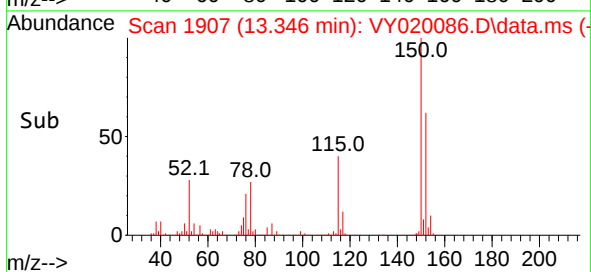
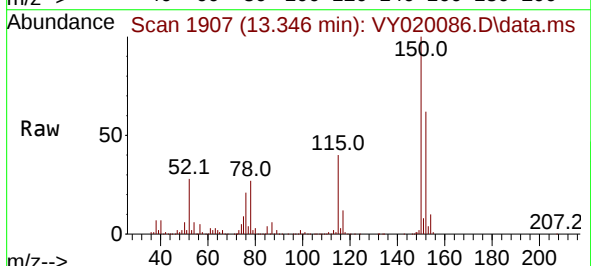
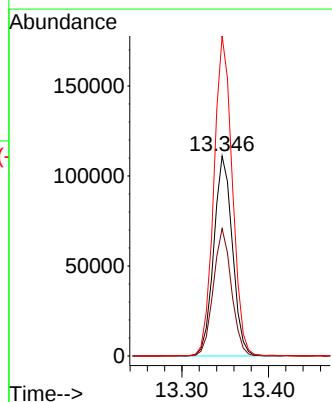
Tgt Ion:152 Resp: 165838

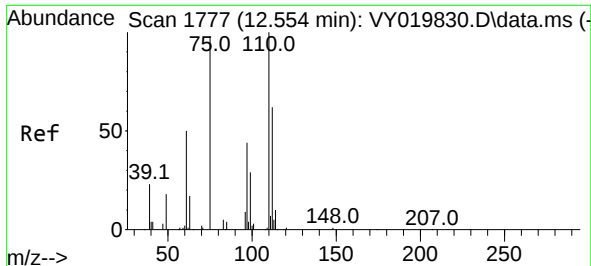
Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 158.6 0.0 345.6

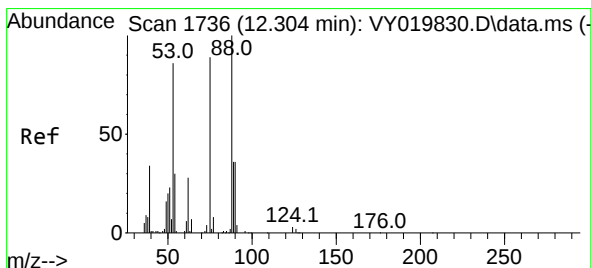
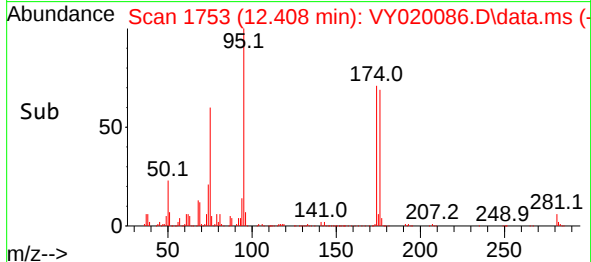
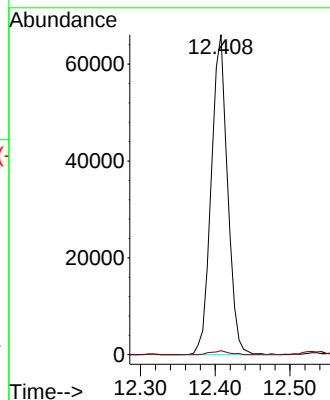
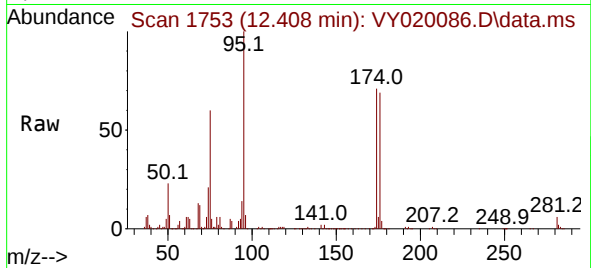




#76
1,2,3-Trichloropropane
Concen: 64.603 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY020086.D
Acq: 31 Oct 2024 11:55

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 100429
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 138.959 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY020086.D
Acq: 31 Oct 2024 11:55

Tgt Ion: 75 Resp: 100429
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

