

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
 Data File : VY020064.D
 Acq On : 29 Oct 2024 16:22
 Operator : SY/MD
 Sample : P4598-11
 Misc : 4.06g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 01:26:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

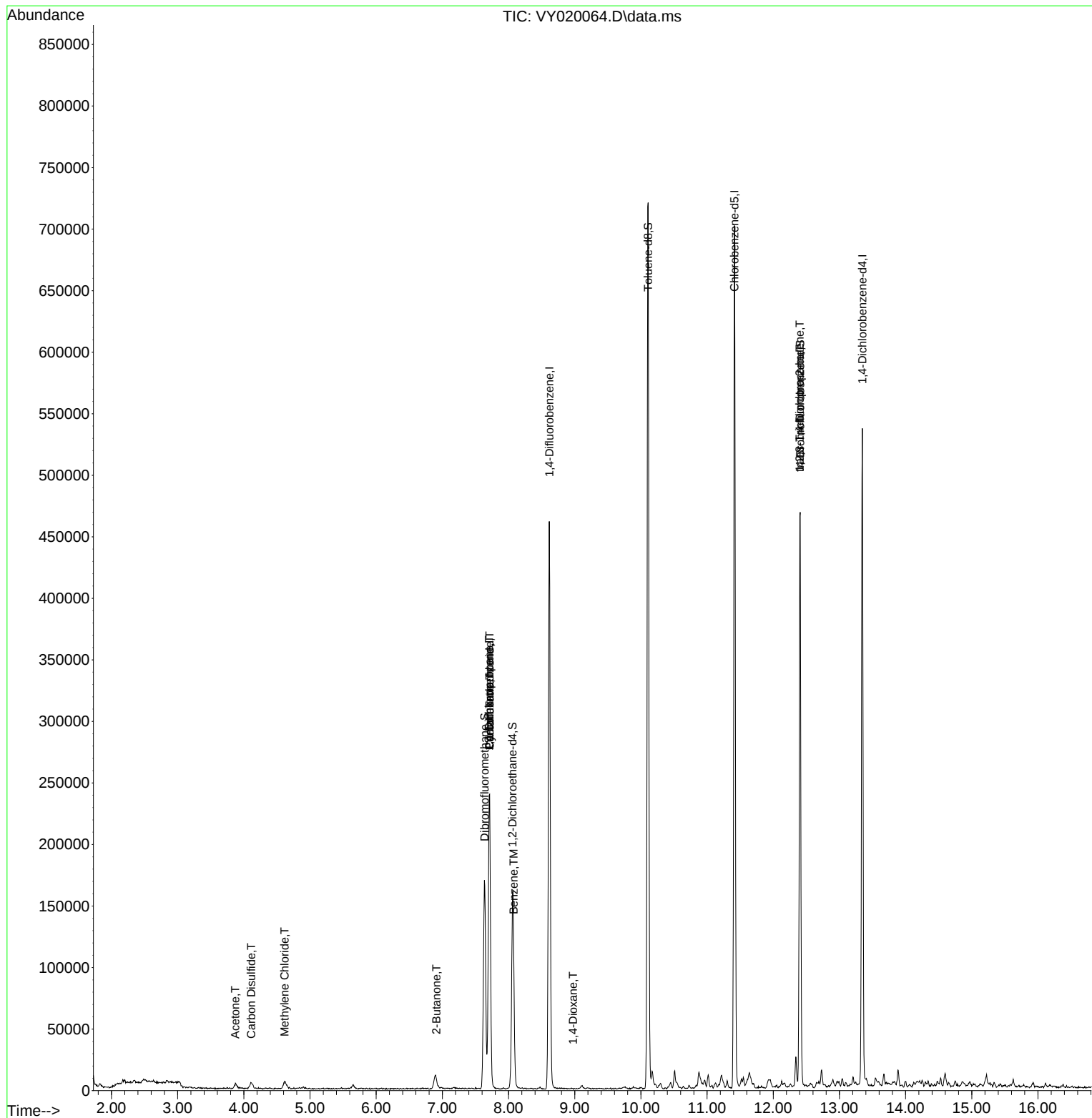
Internal Standards						
1) Pentafluorobenzene	7.713	168	166280	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	358953	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	331480	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	117630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	120428	58.820	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.640%	
35) Dibromofluoromethane	7.640	113	120376	50.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.640%	
50) Toluene-d8	10.109	98	452263	51.703	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.400%	
62) 4-Bromofluorobenzene	12.408	95	135360	42.827	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.660%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.866	59	338	Below Cal	#	53
16) Acetone	3.872	43	7518	14.106	ug/l #	87
17) Carbon Disulfide	4.110	76	9329	1.951	ug/l #	92
20) Methylene Chloride	4.616	84	3763	1.123	ug/l #	67
25) 2-Butanone	6.908	43	2351	3.295	ug/l #	85
31) Cyclohexane	7.713	56	5471	1.599	ug/l #	30
36) 1,1-Dichloropropene	7.707	75	17313	5.073	ug/l #	47
38) Carbon Tetrachloride	7.713	117	19574	5.351	ug/l #	16
40) Benzene	8.079	78	12759	1.235	ug/l	100
49) 1,4-Dioxane	8.975	88	26	1.645	ug/l #	20
76) 1,2,3-Trichloropropane	12.401	75	79624	34.554	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	79624	139.472	ug/l #	16

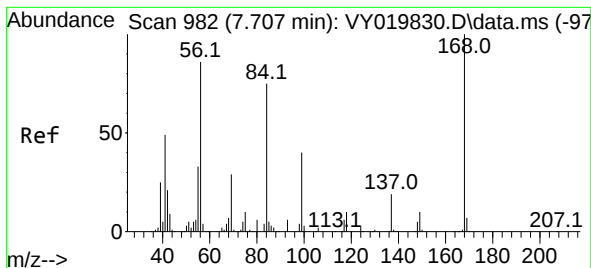
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102924\
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Quant Time: Oct 30 01:26:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 16 05:44:48 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY020064.D

Acq: 29 Oct 2024 16:22

Instrument :

MSVOA_Y

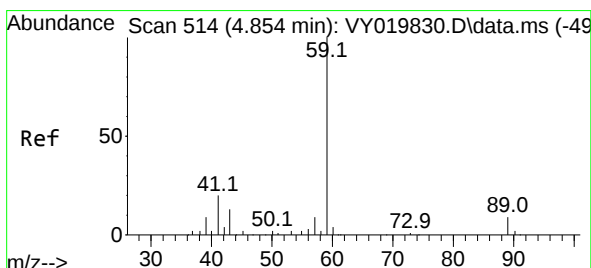
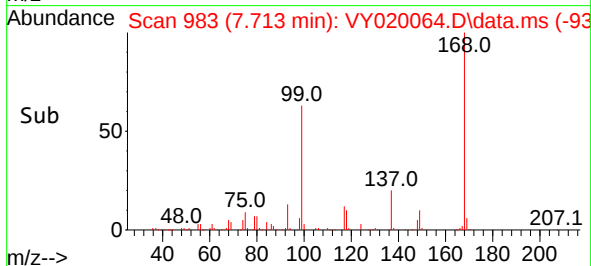
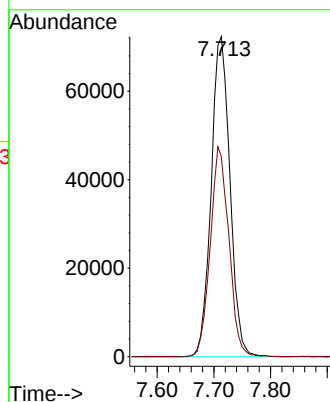
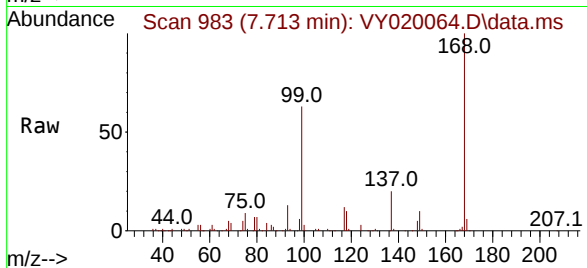
ClientSampleId :

Tgt Ion:168 Resp: 166280

Ion Ratio Lower Upper

168 100

99 62.5 39.1 58.7#



#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.866 min Scan# 516

Delta R.T. 0.006 min

Lab File: VY020064.D

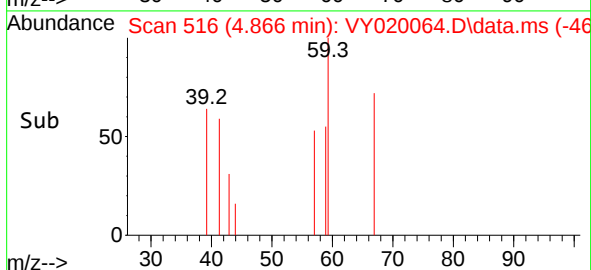
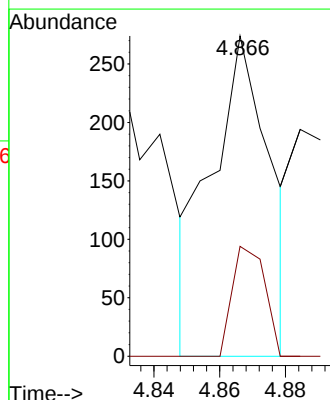
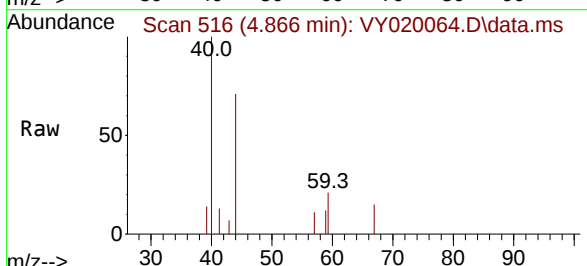
Acq: 29 Oct 2024 16:22

Tgt Ion: 59 Resp: 338

Ion Ratio Lower Upper

59 100

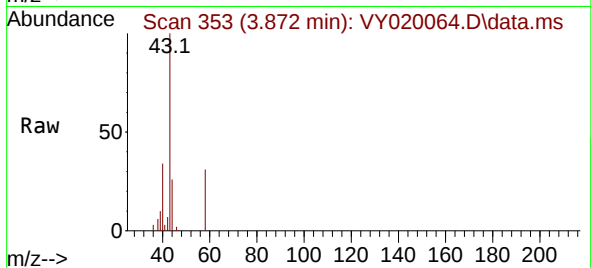
57 19.2 3.0 4.6#



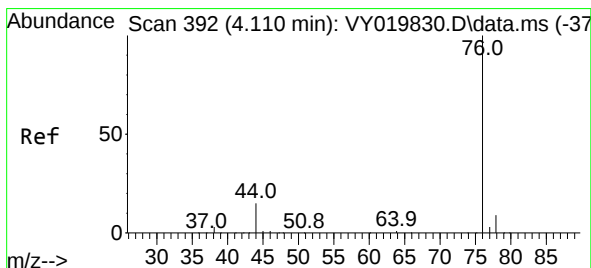
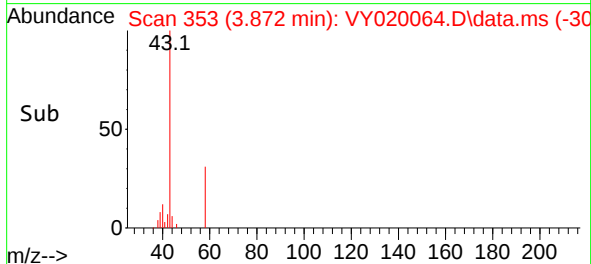
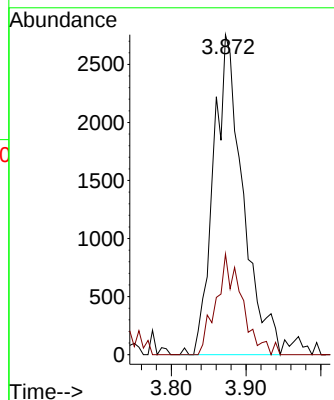


#16
Acetone
Concen: 14.106 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020064.D
Acq: 29 Oct 2024 16:22

Instrument :
MSVOA_Y
ClientSampleId :

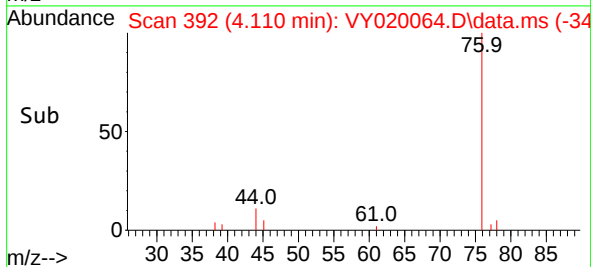
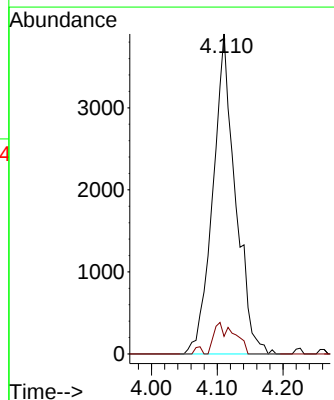
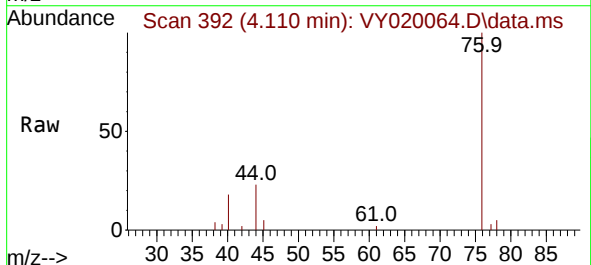


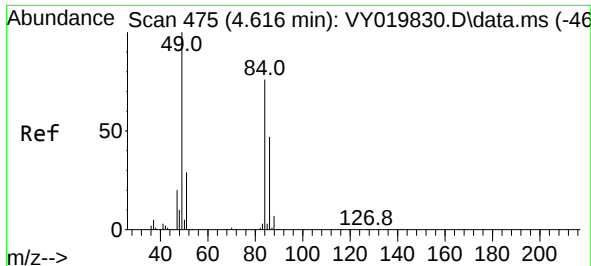
Tgt Ion: 43 Resp: 7518
Ion Ratio Lower Upper
43 100
58 31.4 31.7 47.5#



#17
Carbon Disulfide
Concen: 1.951 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY020064.D
Acq: 29 Oct 2024 16:22

Tgt Ion: 76 Resp: 9329
Ion Ratio Lower Upper
76 100
78 5.5 6.8 10.2#

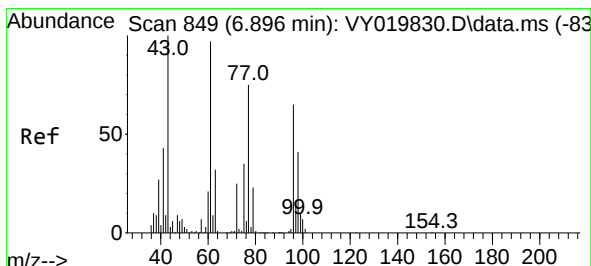
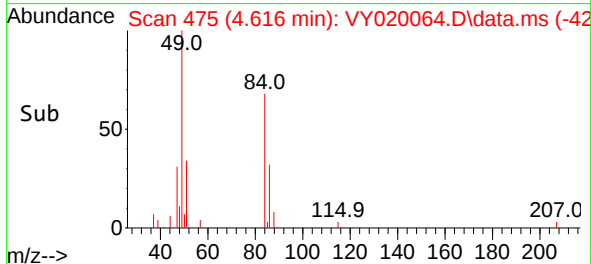
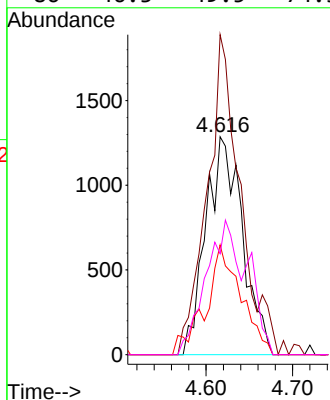
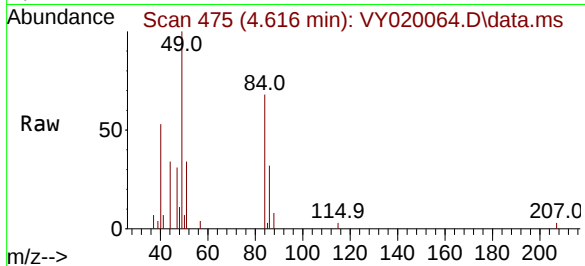




#20
Methylene Chloride
Concen: 1.123 ug/l
RT: 4.616 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY020064.D
Acq: 29 Oct 2024 16:22

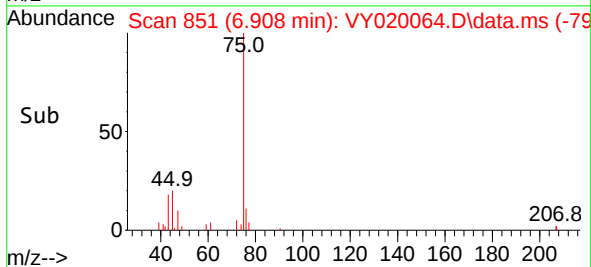
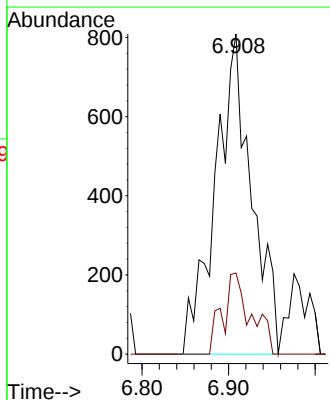
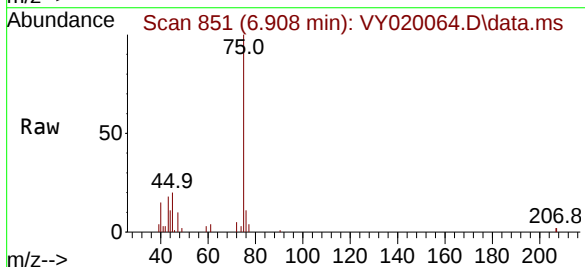
Instrument :
MSVOA_Y
ClientSampleId :

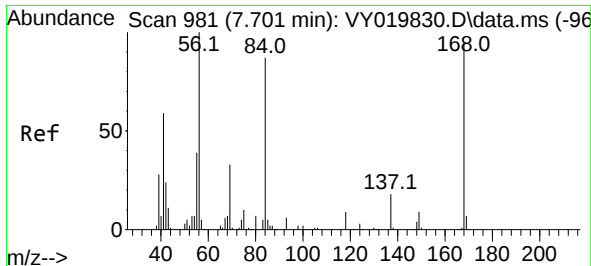
Tgt Ion: 84 Resp: 3763
Ion Ratio Lower Upper
84 100
49 146.9 84.4 126.6#
51 50.4 26.0 39.0#
86 46.3 49.5 74.3#



#25
2-Butanone
Concen: 3.295 ug/l
RT: 6.908 min Scan# 851
Delta R.T. 0.019 min
Lab File: VY020064.D
Acq: 29 Oct 2024 16:22

Tgt Ion: 43 Resp: 2351
Ion Ratio Lower Upper
43 100
72 25.3 27.3 40.9#

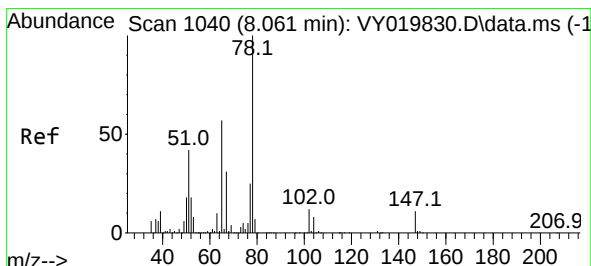
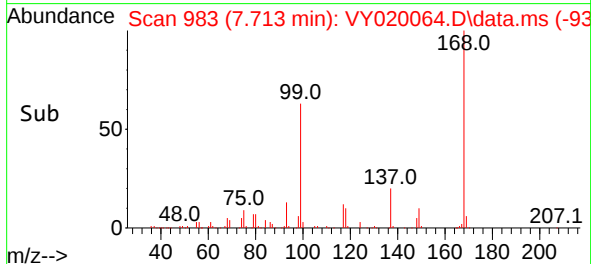
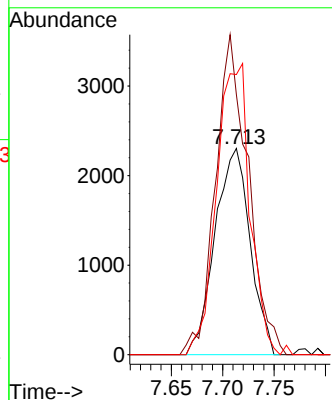
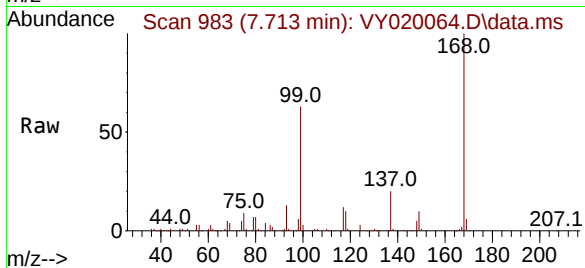




#31
Cyclohexane
Concen: 1.599 ug/l
RT: 7.713 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY020064.D
Acq: 29 Oct 2024 16:22

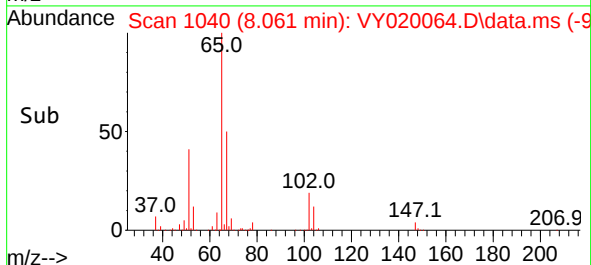
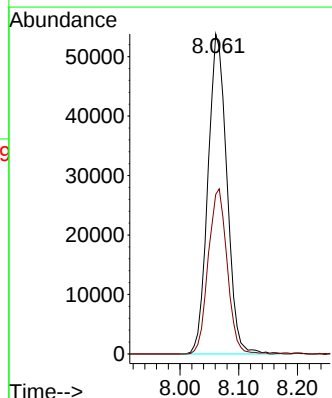
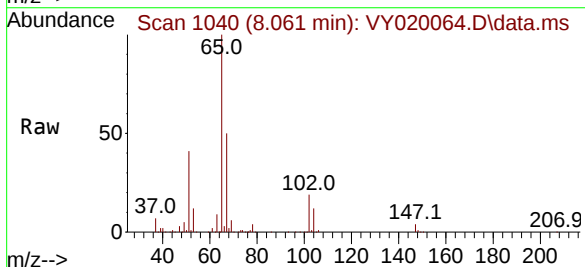
Instrument :
MSVOA_Y
ClientSampleId :

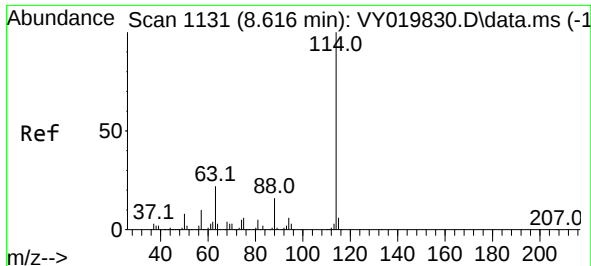
Tgt Ion: 56 Resp: 5471
Ion Ratio Lower Upper
56 100
69 126.2 28.7 43.1#
84 135.9 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 58.820 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY020064.D
Acq: 29 Oct 2024 16:22

Tgt Ion: 65 Resp: 120428
Ion Ratio Lower Upper
65 100
67 51.5 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: VY020064.D

Acq: 29 Oct 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

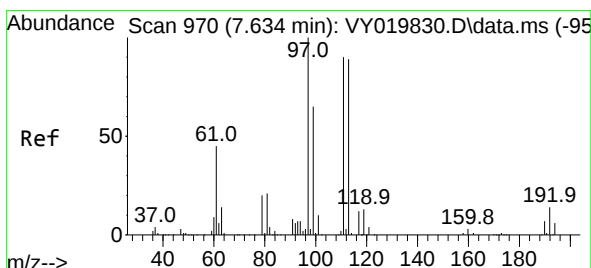
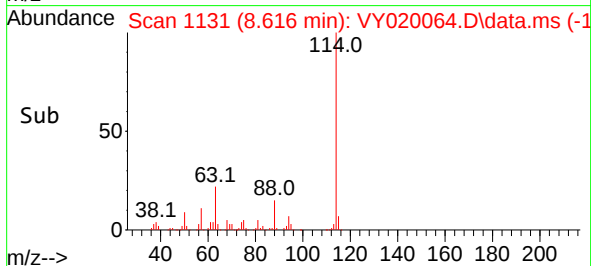
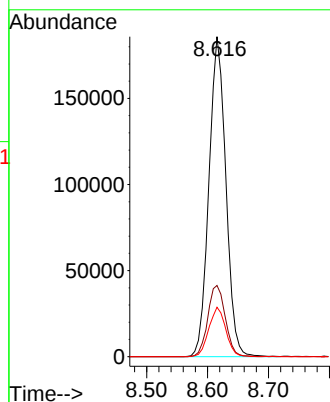
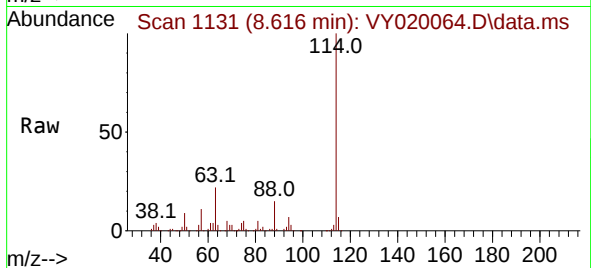
Tgt Ion:114 Resp: 358953

Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.0

88 15.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.820 ug/l

RT: 7.640 min Scan# 971

Delta R.T. 0.006 min

Lab File: VY020064.D

Acq: 29 Oct 2024 16:22

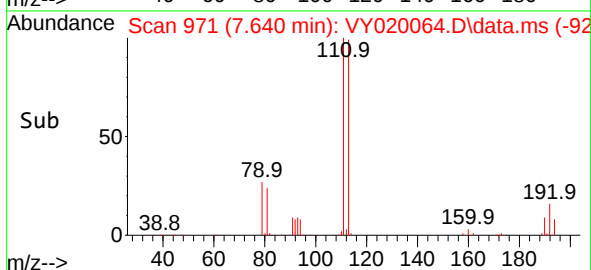
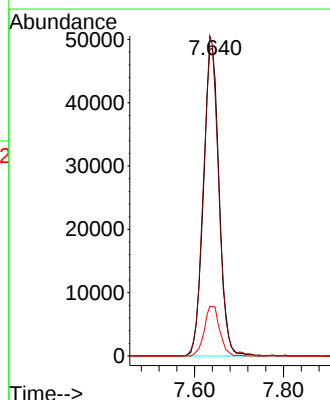
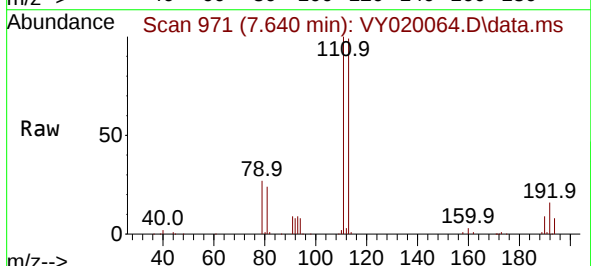
Tgt Ion:113 Resp: 120376

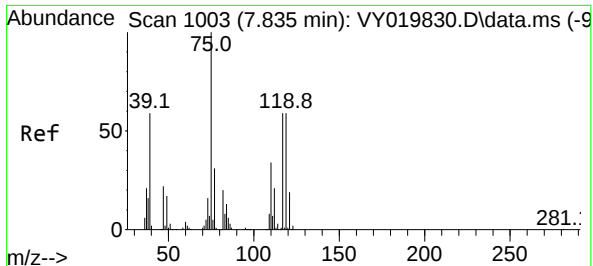
Ion Ratio Lower Upper

113 100

111 100.1 82.2 123.4

192 15.7 15.9 23.9#





#36

1,1-Dichloropropene

Concen: 5.073 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

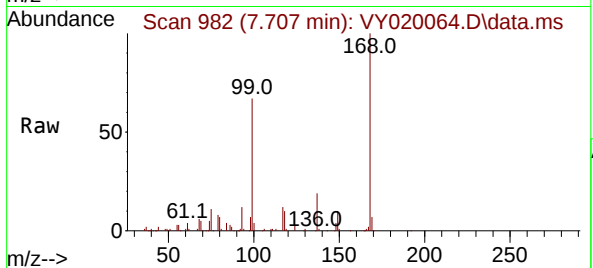
Lab File: VY020064.D

Acq: 29 Oct 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :



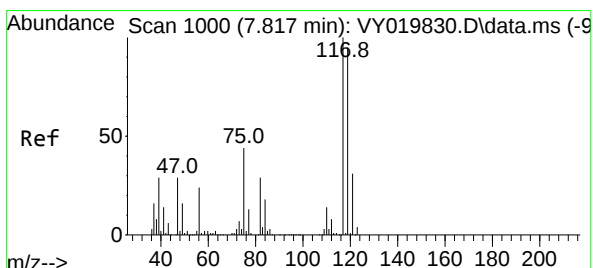
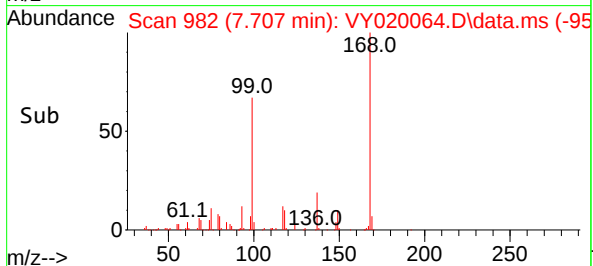
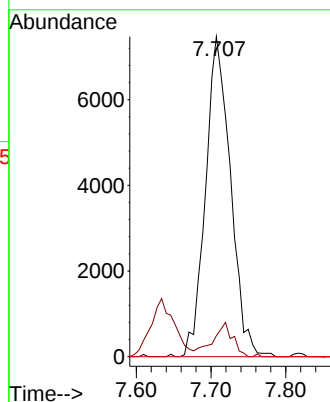
Tgt Ion: 75 Resp: 17313

Ion Ratio Lower Upper

75 100

110 8.5 19.0 57.0#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 5.351 ug/l

RT: 7.713 min Scan# 983

Delta R.T. -0.103 min

Lab File: VY020064.D

Acq: 29 Oct 2024 16:22

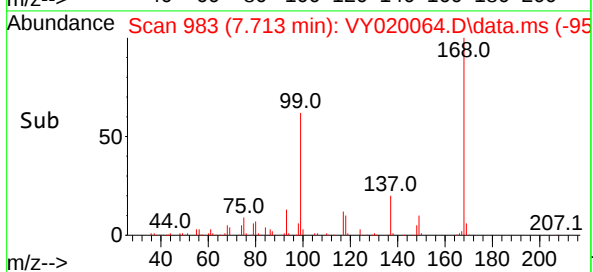
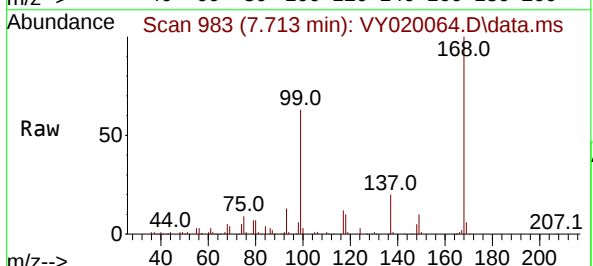
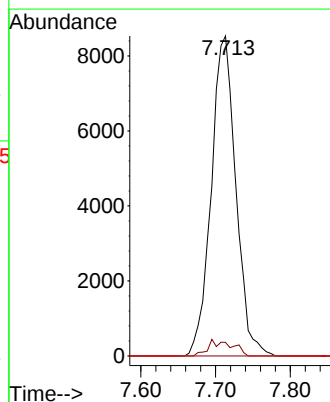
Tgt Ion: 117 Resp: 19574

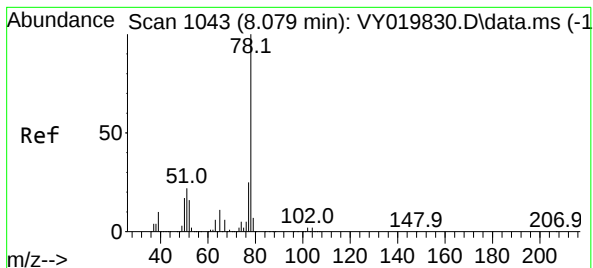
Ion Ratio Lower Upper

117 100

119 4.3 75.8 113.6#

121 0.0 24.0 36.0#





#40

Benzene

Concen: 1.235 ug/l

RT: 8.079 min Scan# 1190

Delta R.T. 0.000 min

Lab File: VY020064.D

Acq: 29 Oct 2024 16:22

Instrument :

MSVOA_Y

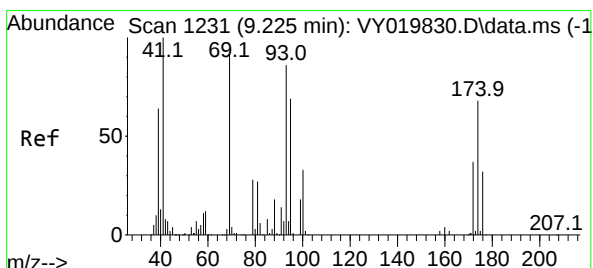
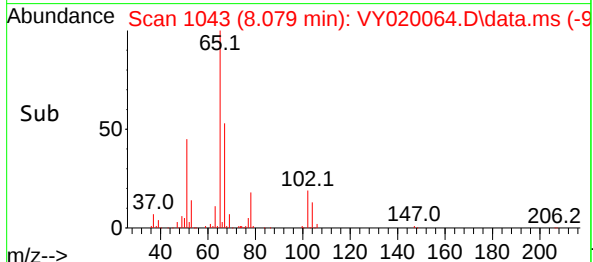
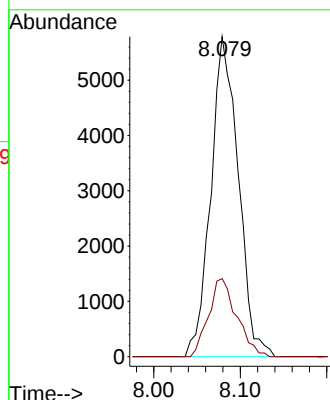
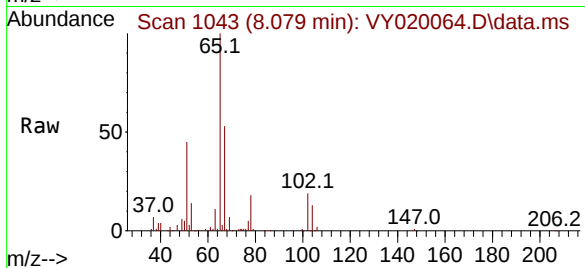
ClientSampleId :

Tgt Ion: 78 Resp: 12759

Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3



#49

1,4-Dioxane

Concen: 1.645 ug/l

RT: 8.975 min Scan# 1190

Delta R.T. -0.256 min

Lab File: VY020064.D

Acq: 29 Oct 2024 16:22

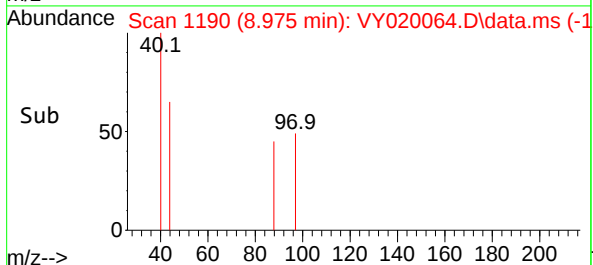
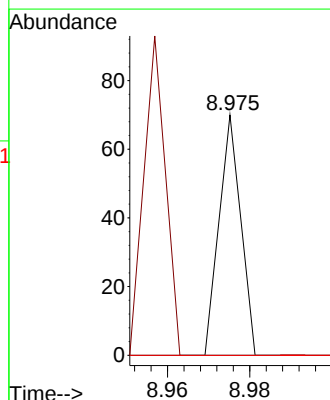
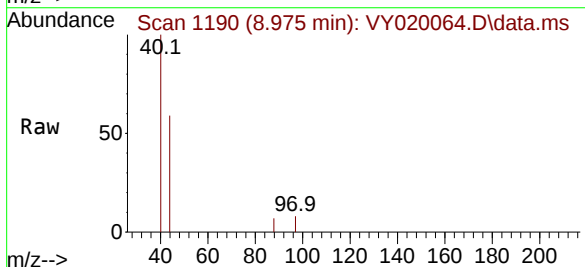
Tgt Ion: 88 Resp: 26

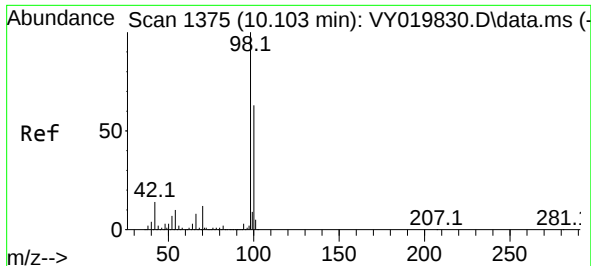
Ion Ratio Lower Upper

88 100

43 130.8 0.0 0.0#

58 0.0 49.3 73.9#

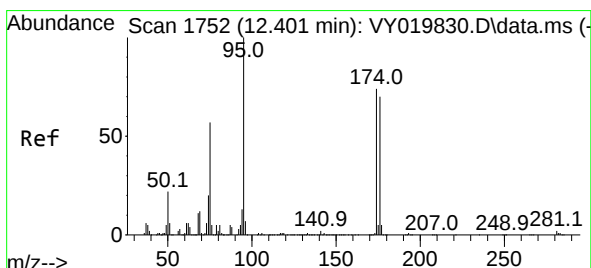
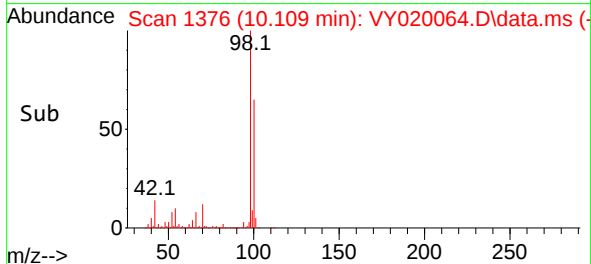
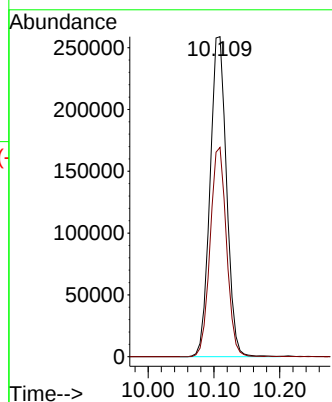
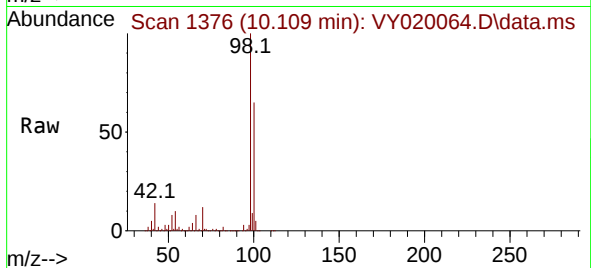




#50
Toluene-d8
Concen: 51.703 ug/l
RT: 10.109 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY020064.D
Acq: 29 Oct 2024 16:22

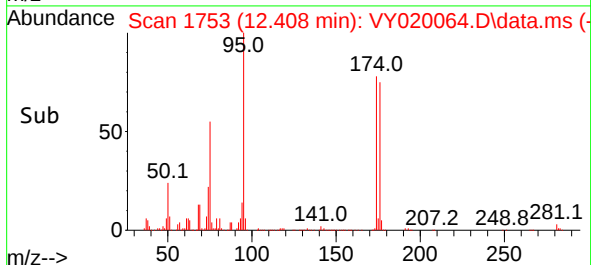
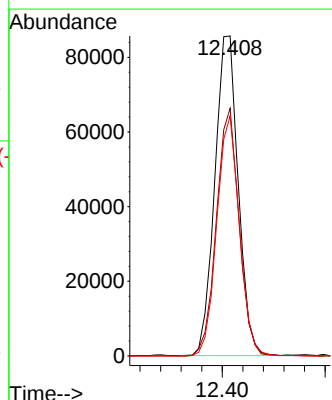
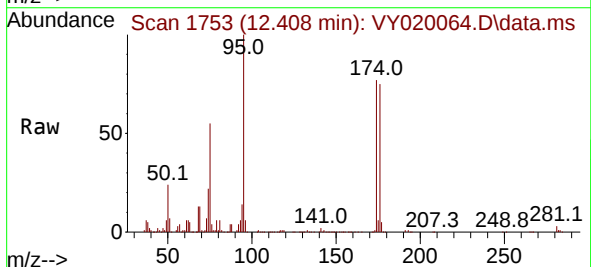
Instrument :
MSVOA_Y
ClientSampleId :

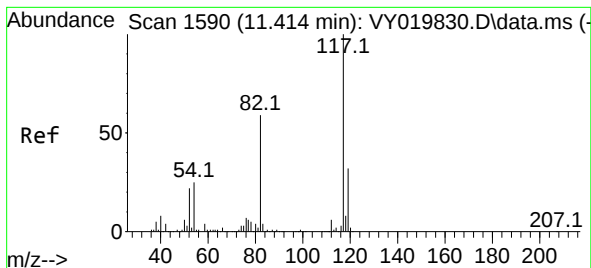
Tgt Ion: 98 Resp: 452263
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.827 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY020064.D
Acq: 29 Oct 2024 16:22

Tgt Ion: 95 Resp: 135360
Ion Ratio Lower Upper
95 100
174 74.8 0.0 175.6
176 72.3 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: VY020064.D

Acq: 29 Oct 2024 16:22

Instrument :

MSVOA_Y

ClientSampleId :

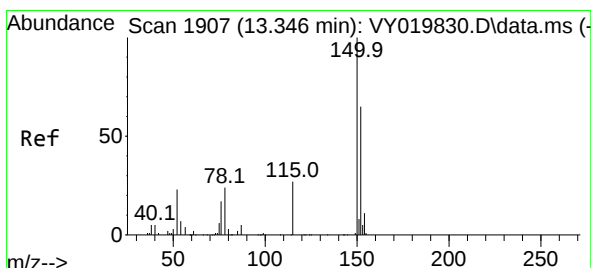
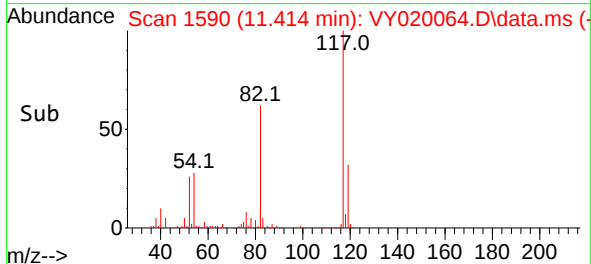
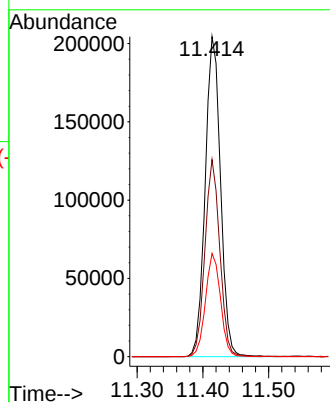
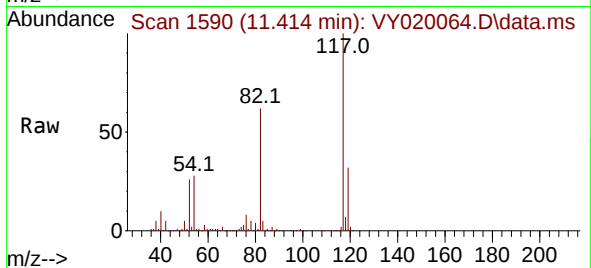
Tgt Ion:117 Resp: 331480

Ion Ratio Lower Upper

117 100

82 61.6 42.4 63.6

119 32.3 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: VY020064.D

Acq: 29 Oct 2024 16:22

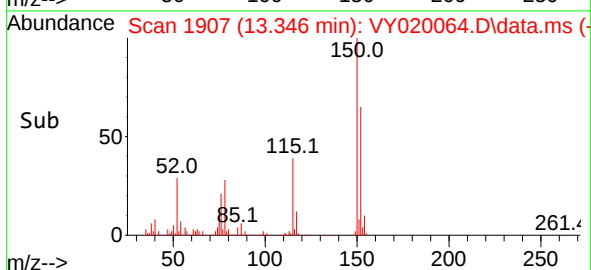
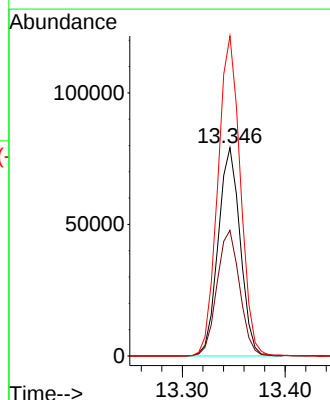
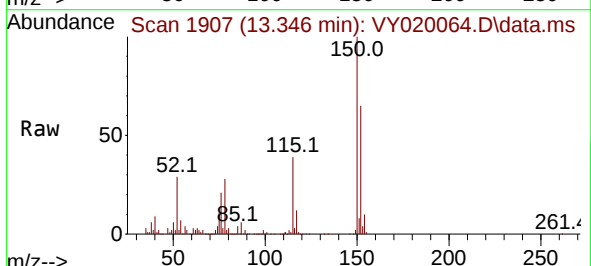
Tgt Ion:152 Resp: 117630

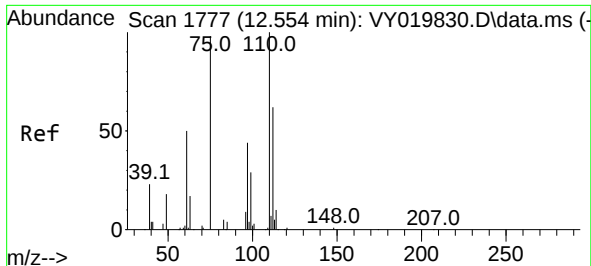
Ion Ratio Lower Upper

152 100

115 62.3 28.2 84.7

150 157.1 0.0 345.6

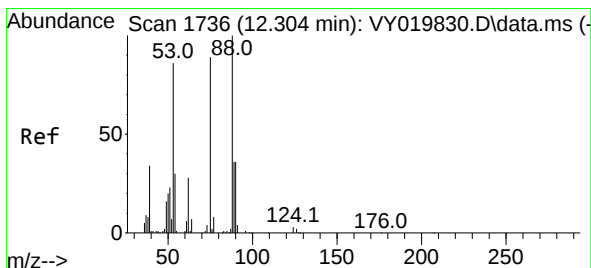
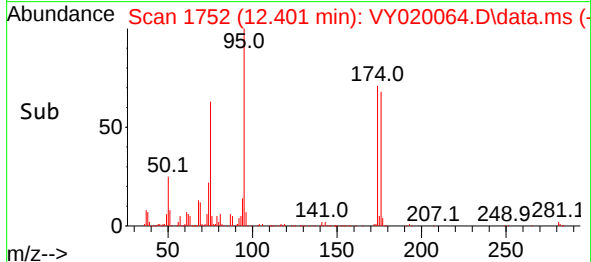
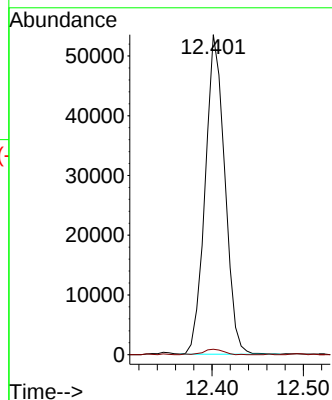
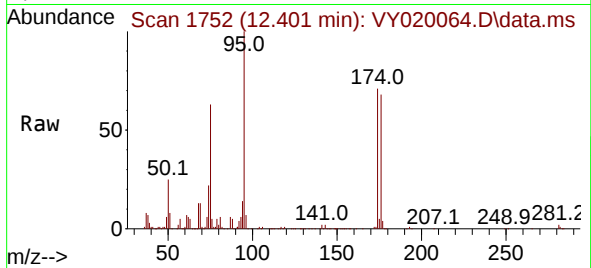




#76
1,2,3-Trichloropropane
Concen: 34.554 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020064.D
Acq: 29 Oct 2024 16:22

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 79624
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 139.472 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020064.D
Acq: 29 Oct 2024 16:22

Tgt Ion: 75 Resp: 79624
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.2 35.8 53.6#

