

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101524\
 Data File : VY019905.D
 Acq On : 15 Oct 2024 15:48
 Operator : SY/MD
 Sample : P4400-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 16 02:52:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

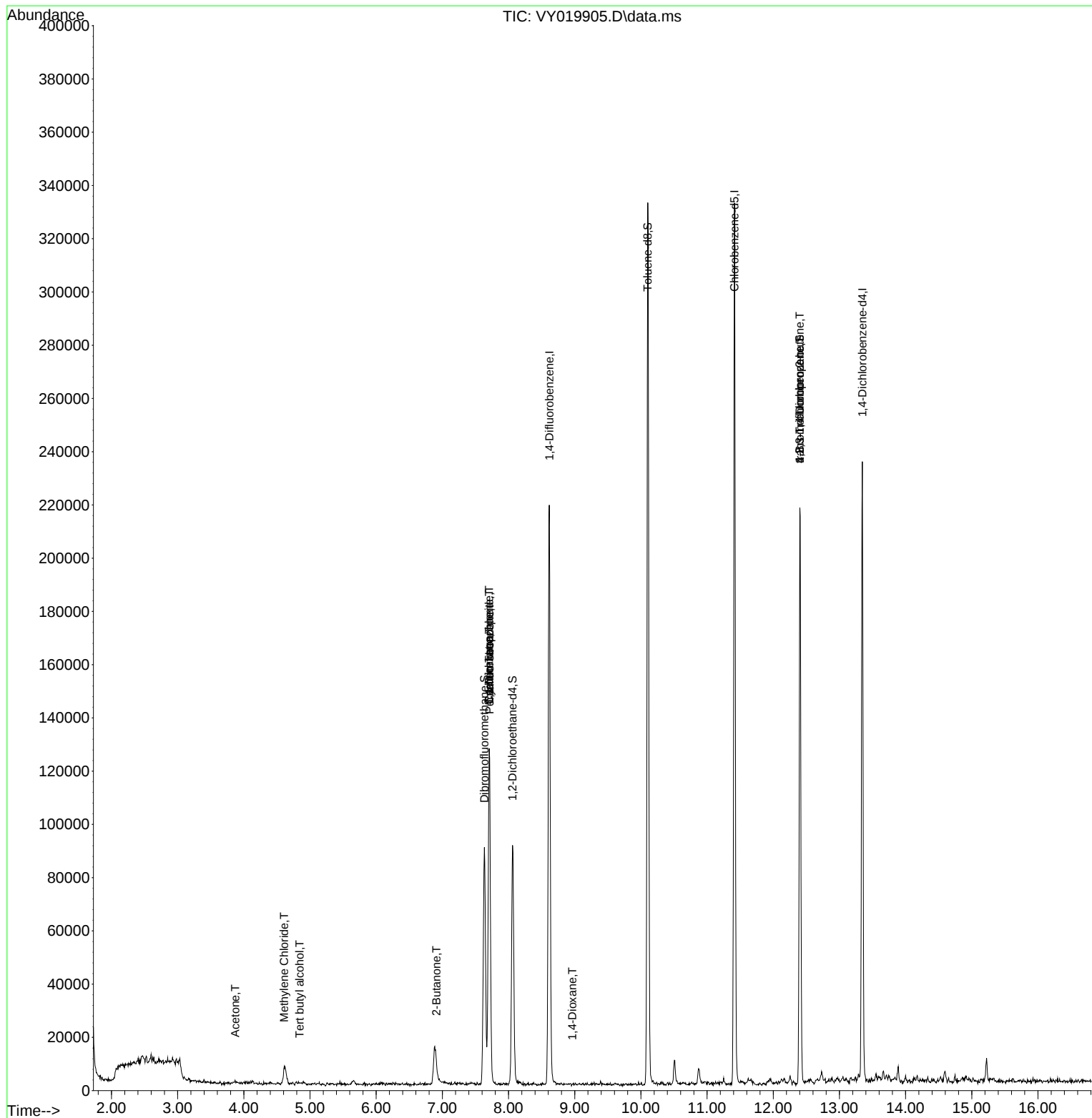
Internal Standards						
1) Pentafluorobenzene	7.713	168	89038	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	179155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	160411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	53714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	71296	65.032	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.060%	
35) Dibromofluoromethane	7.634	113	62260	52.663	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.320%	
50) Toluene-d8	10.103	98	211423	48.427	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.860%	
62) 4-Bromofluorobenzene	12.401	95	65977	41.824	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 83.640%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.842	59	204	1.986	ug/l	# 1
16) Acetone	3.872	43	905	3.171	ug/l	87
20) Methylene Chloride	4.610	84	4753	3.762	ug/l	# 74
25) 2-Butanone	6.909	43	487	1.275	ug/l	# 41
31) Cyclohexane	7.707	56	3117	1.702	ug/l	# 48
36) 1,1-Dichloropropene	7.707	75	8667	5.089	ug/l	# 46
38) Carbon Tetrachloride	7.707	117	10645	5.830	ug/l	# 18
49) 1,4-Dioxane	8.963	88	18	2.282	ug/l	# 20
76) 1,2,3-Trichloropropane	12.401	75	38022	36.134	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	38022	145.850	ug/l	# 16

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

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Quant Time: Oct 16 02:52:33 2024
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Quant Title : SW846 8260
QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration

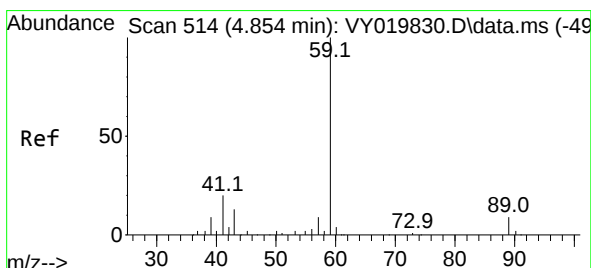
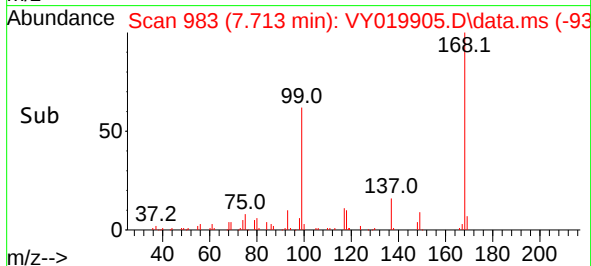
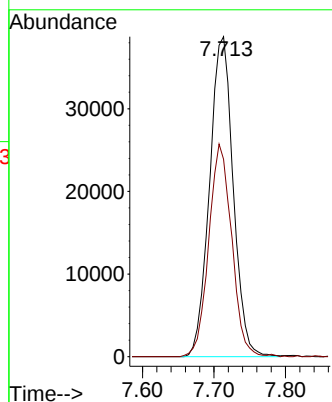
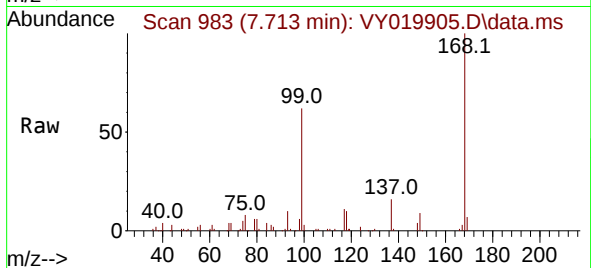




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

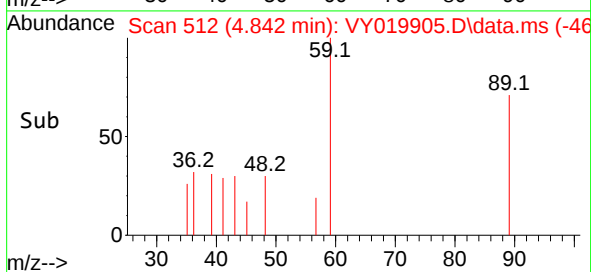
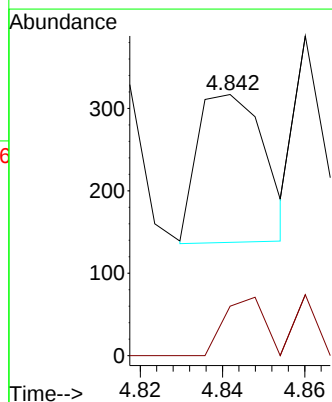
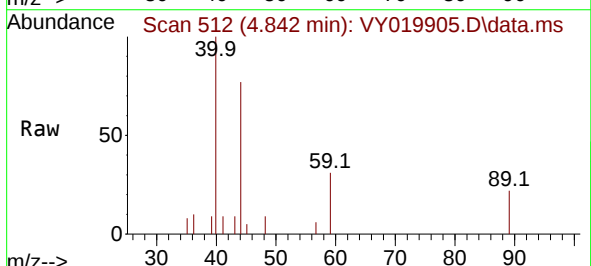
Instrument :
MSVOA_Y
ClientSampleId :

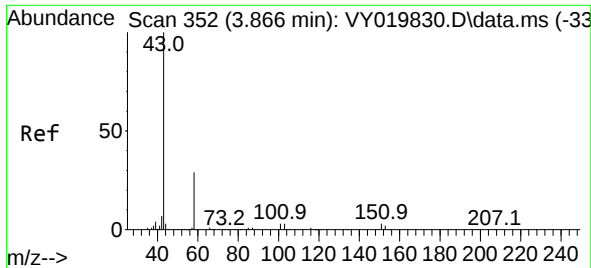
Tgt Ion:168 Resp: 89038
Ion Ratio Lower Upper
168 100
99 61.7 39.1 58.7#



#11
Tert butyl alcohol
Concen: 1.986 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.018 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

Tgt Ion: 59 Resp: 204
Ion Ratio Lower Upper
59 100
57 36.8 3.0 4.6#

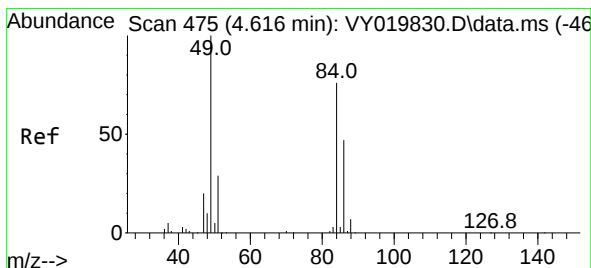
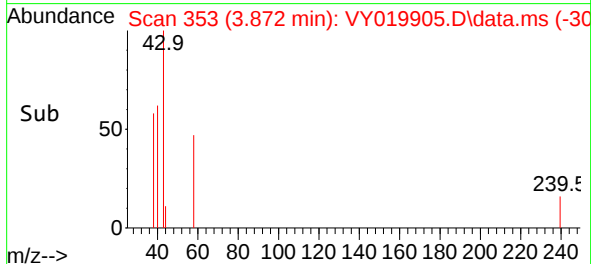
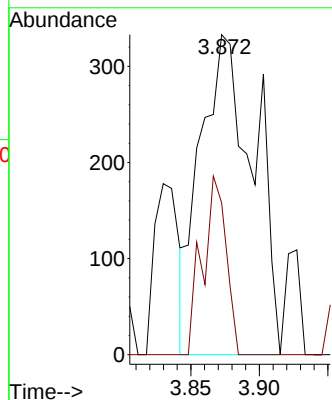
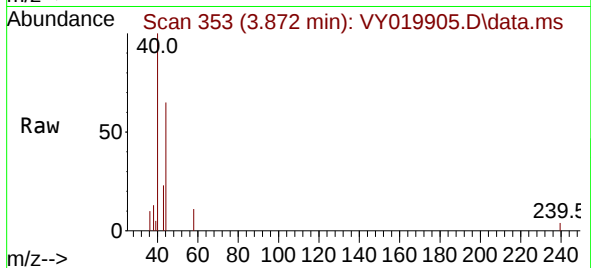




#16
Acetone
Concen: 3.171 ug/l
RT: 3.872 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

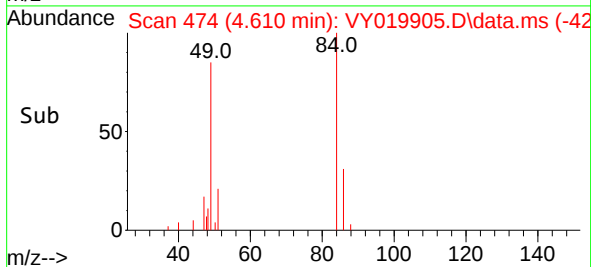
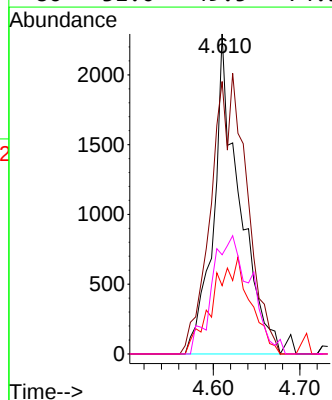
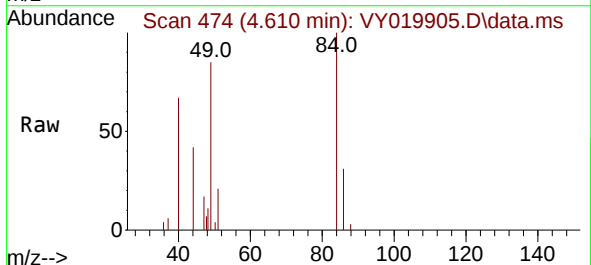
Instrument :
MSVOA_Y
ClientSampleId :

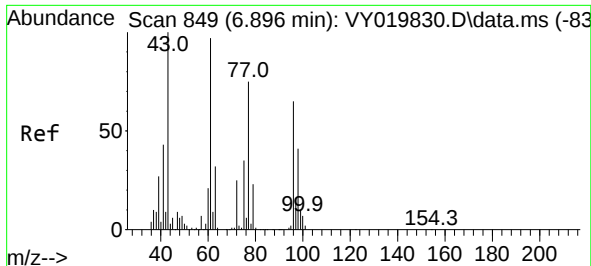
Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
58 47.4 31.7 47.5



#20
Methylene Chloride
Concen: 3.762 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

Tgt Ion: 84 Resp: 4753
Ion Ratio Lower Upper
84 100
49 85.2 84.4 126.6
51 21.3 26.0 39.0#
86 31.0 49.5 74.3#

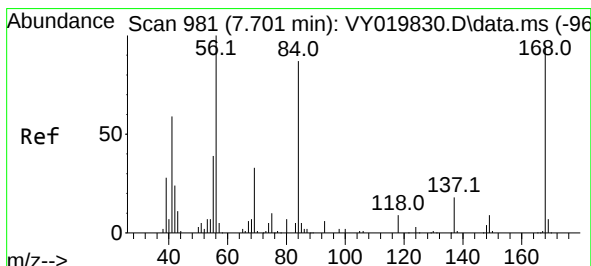
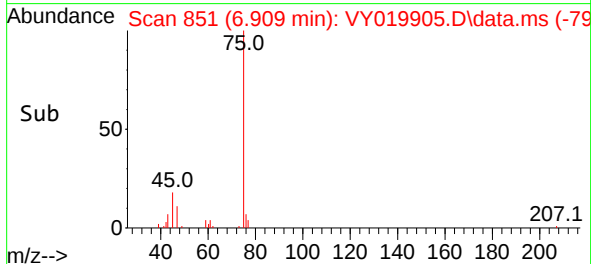
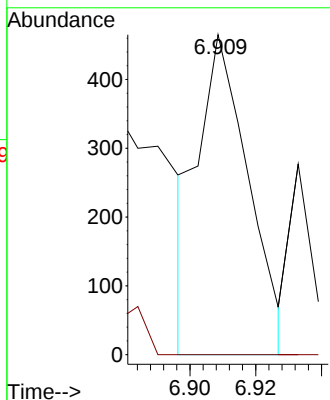
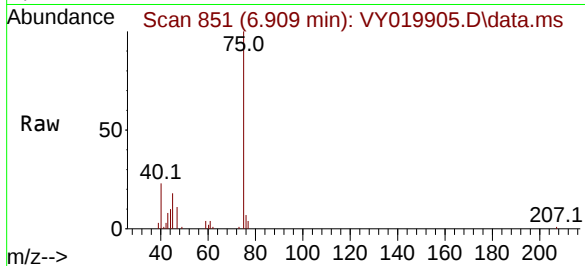




#25
2-Butanone
Concen: 1.275 ug/l
RT: 6.909 min Scan# 81
Delta R.T. 0.019 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

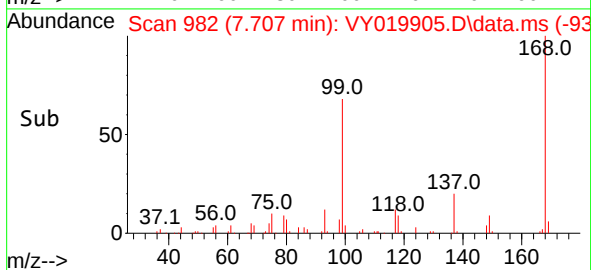
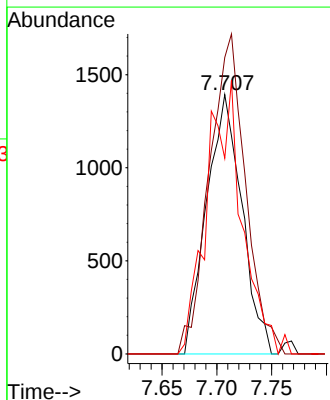
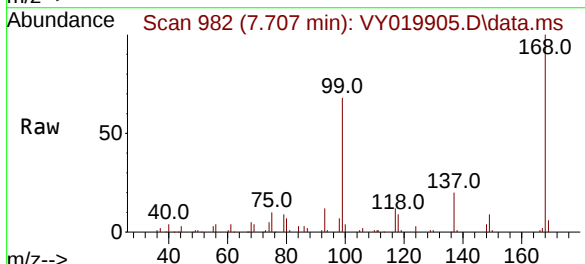
Instrument :
MSVOA_Y
ClientSampleId :

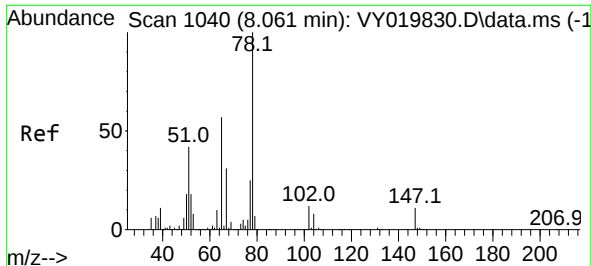
Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#31
Cyclohexane
Concen: 1.702 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

Tgt Ion: 56 Resp: 3117
Ion Ratio Lower Upper
56 100
69 114.4 28.7 43.1#
84 75.4 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 65.032 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019905.D

Acq: 15 Oct 2024 15:48

Instrument :

MSVOA_Y

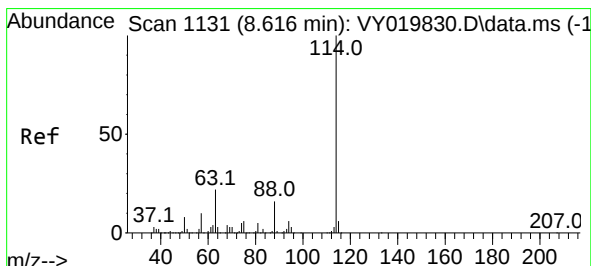
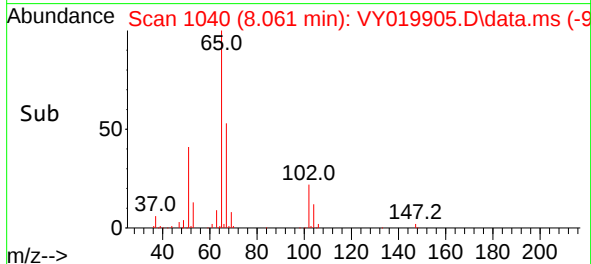
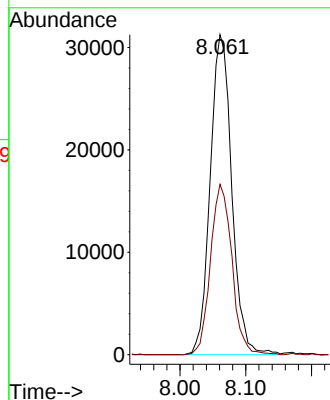
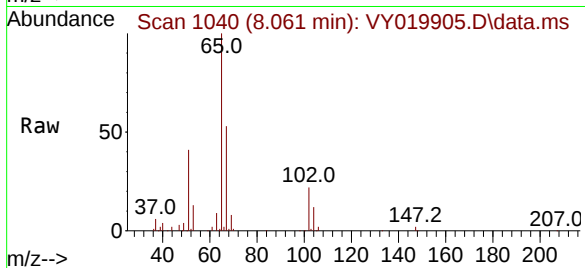
ClientSampleId :

Tgt Ion: 65 Resp: 71296

Ion Ratio Lower Upper

65 100

67 52.8 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: VY019905.D

Acq: 15 Oct 2024 15:48

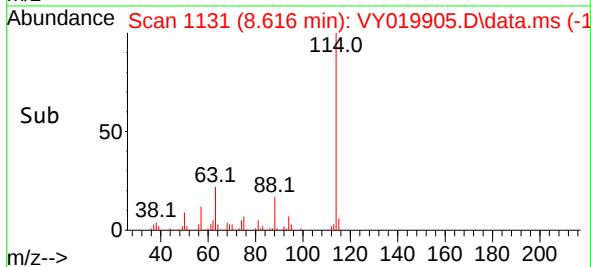
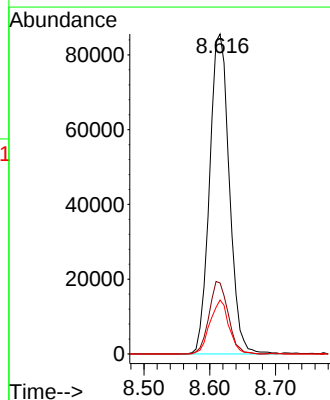
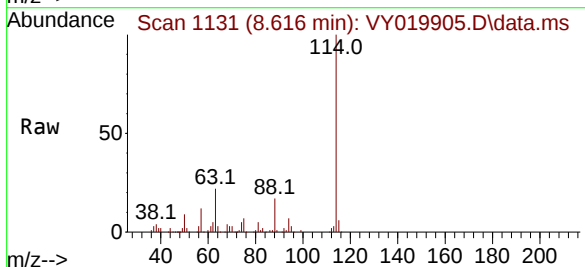
Tgt Ion: 114 Resp: 179155

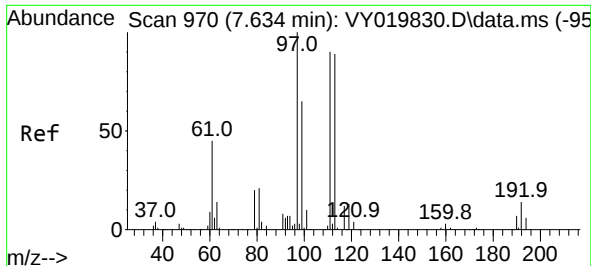
Ion Ratio Lower Upper

114 100

63 22.2 0.0 35.0

88 16.9 0.0 27.2

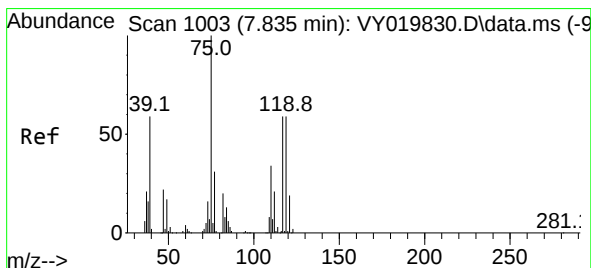
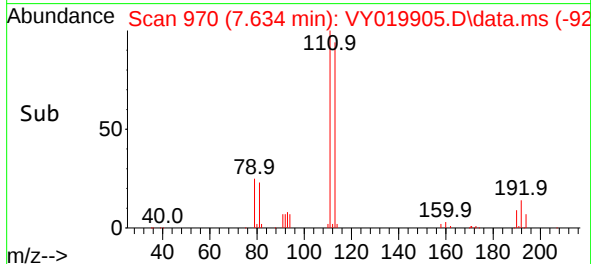
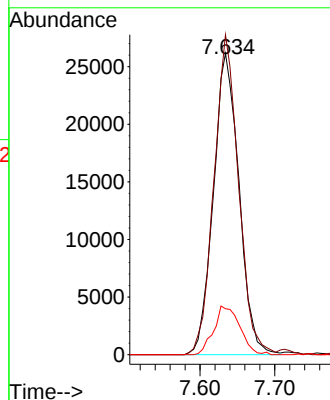
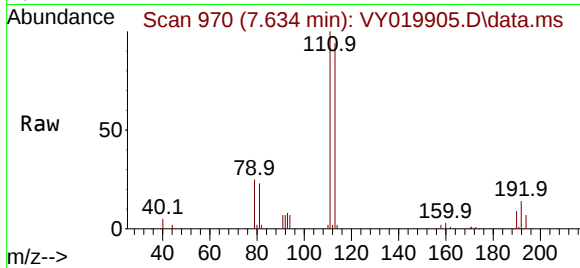




#35
Dibromofluoromethane
Concen: 52.663 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

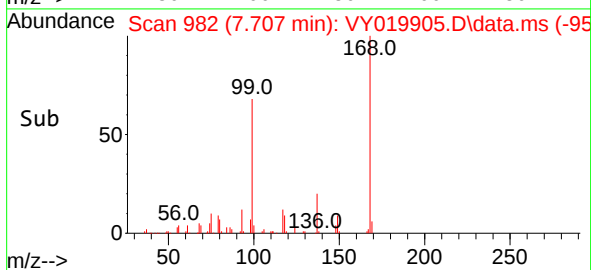
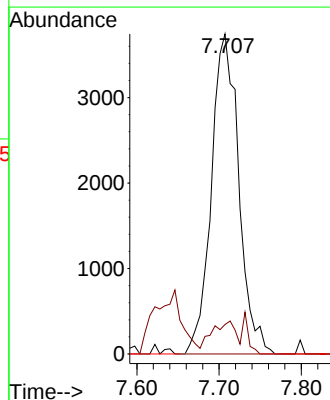
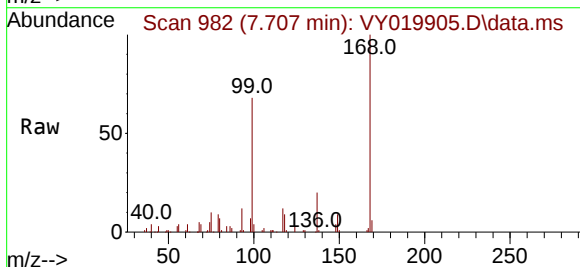
Instrument :
MSVOA_Y
ClientSampleId :

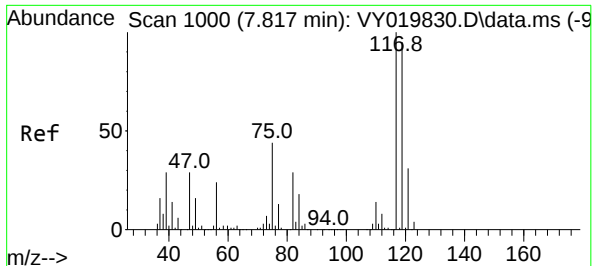
Tgt Ion:113 Resp: 62260
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.4
192 16.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.089 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

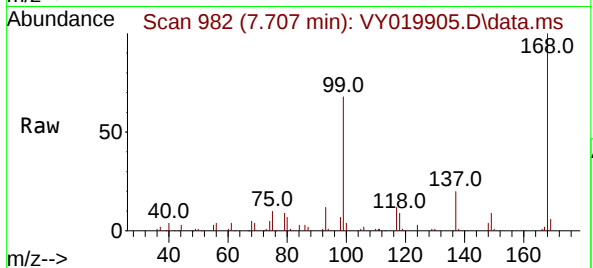
Tgt Ion: 75 Resp: 8667
Ion Ratio Lower Upper
75 100
110 6.9 19.0 57.0#
77 0.0 25.3 37.9#



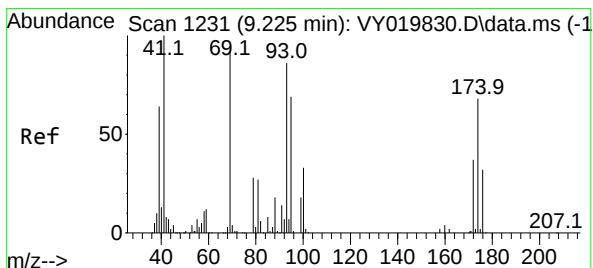
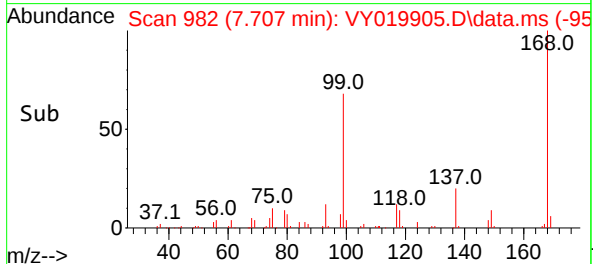
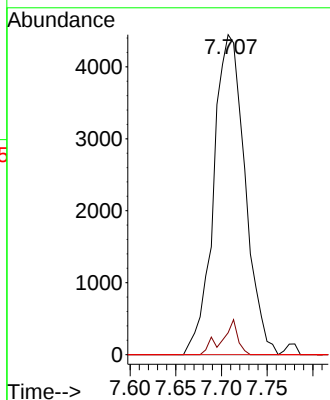


#38
Carbon Tetrachloride
Concen: 5.830 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

Instrument :
MSVOA_Y
ClientSampleId :

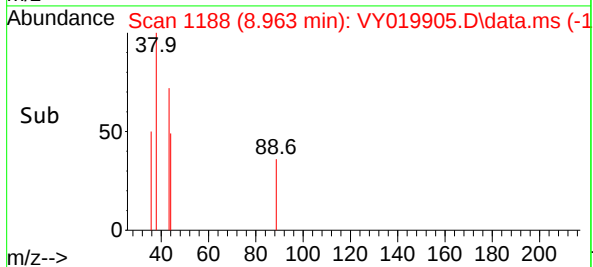
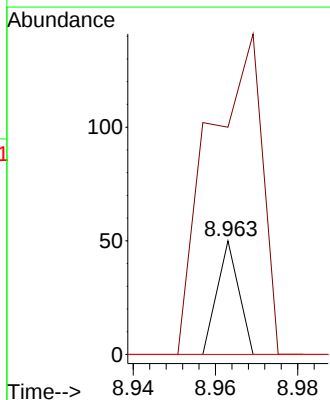
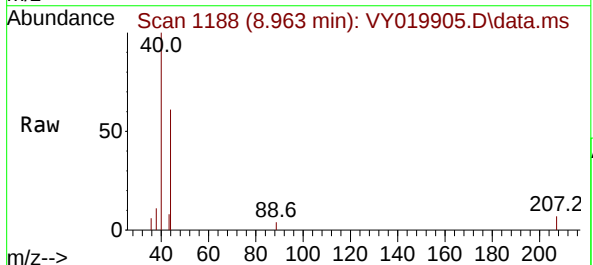


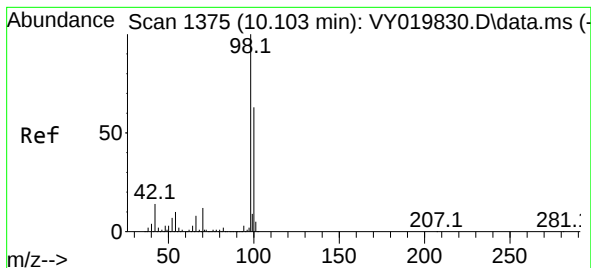
Tgt Ion:117 Resp: 10645
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 2.282 ug/l
RT: 8.963 min Scan# 1188
Delta R.T. -0.268 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

Tgt Ion: 88 Resp: 18
Ion Ratio Lower Upper
88 100
43 694.4 0.0 0.0#
58 0.0 49.3 73.9#

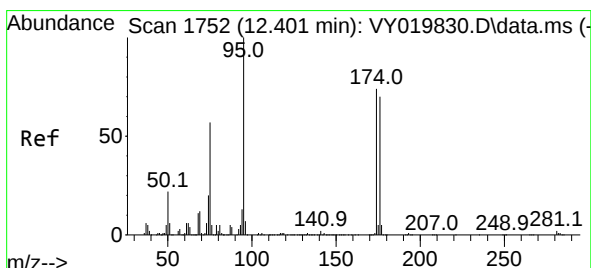
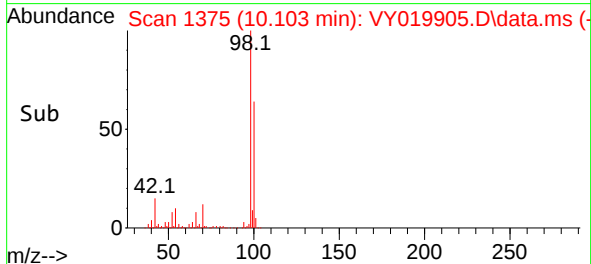
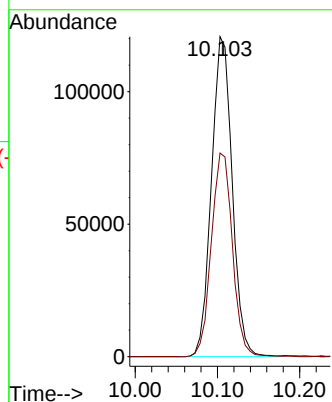
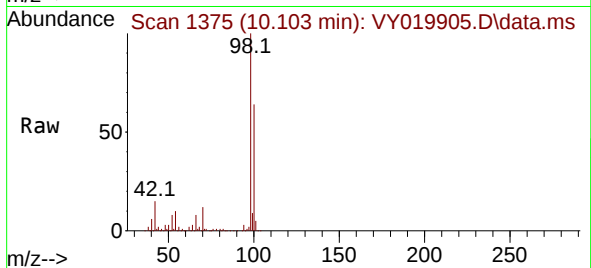




#50
Toluene-d8
Concen: 48.427 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

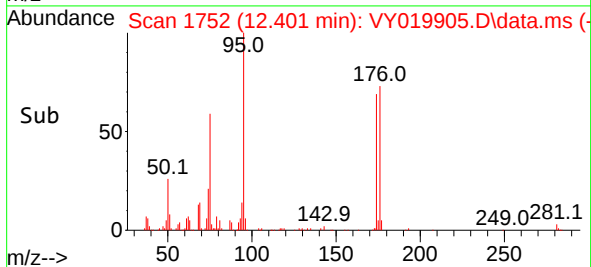
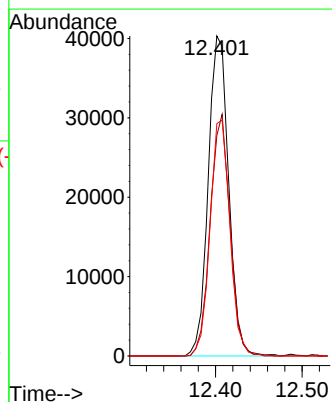
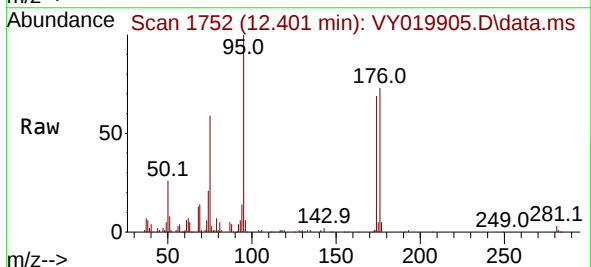
Instrument :
MSVOA_Y
ClientSampleId :

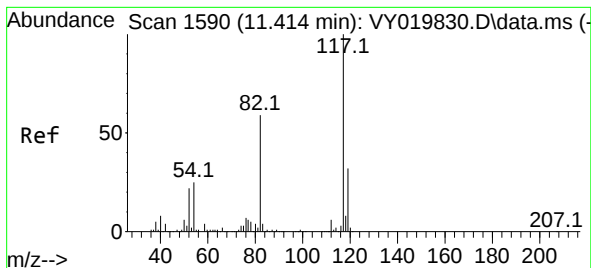
Tgt Ion: 98 Resp: 211423
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.824 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

Tgt Ion: 95 Resp: 65977
Ion Ratio Lower Upper
95 100
174 73.5 0.0 175.6
176 71.7 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: VY019905.D

Acq: 15 Oct 2024 15:48

Instrument :

MSVOA_Y

ClientSampleId :

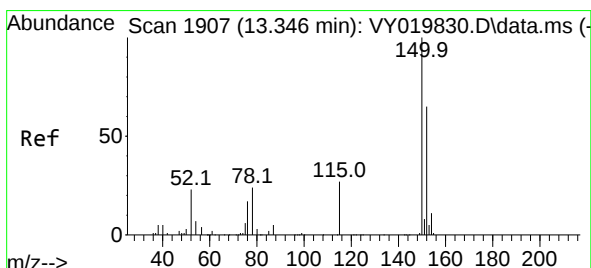
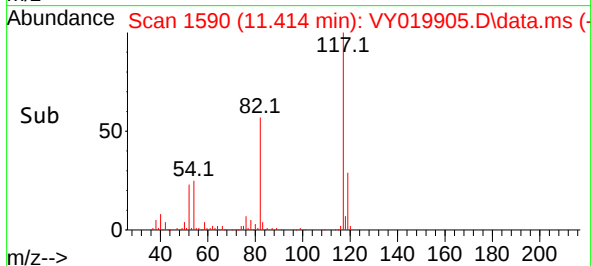
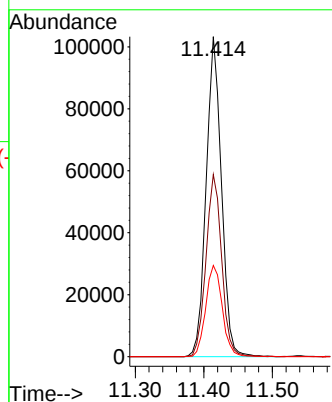
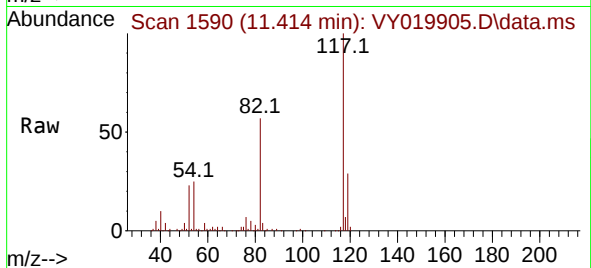
Tgt Ion:117 Resp: 160411

Ion Ratio Lower Upper

117 100

82 56.9 42.4 63.6

119 28.5 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: VY019905.D

Acq: 15 Oct 2024 15:48

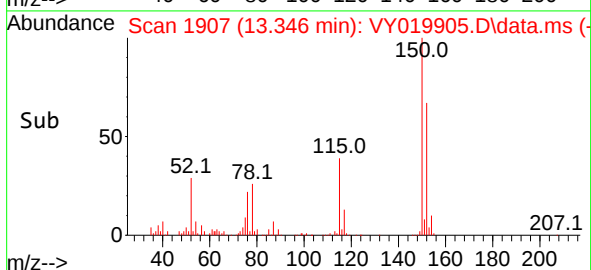
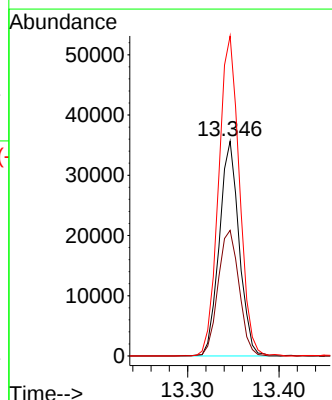
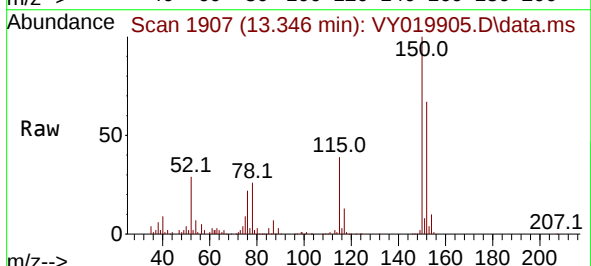
Tgt Ion:152 Resp: 53714

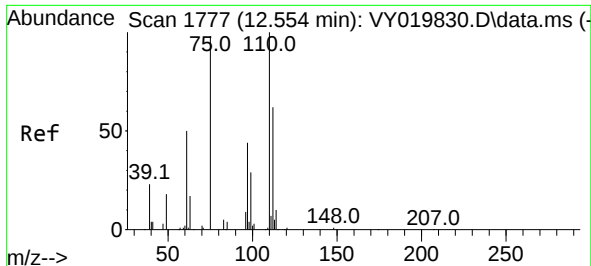
Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 156.2 0.0 345.6

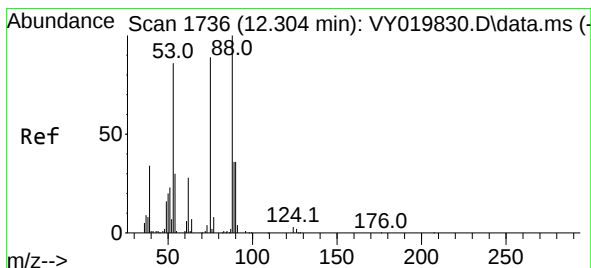
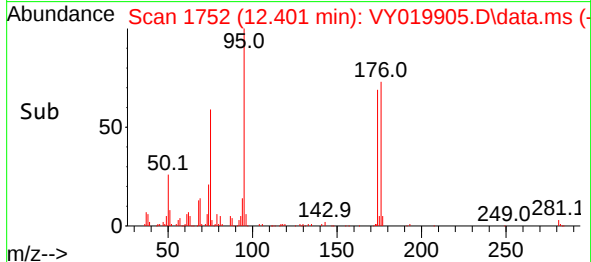
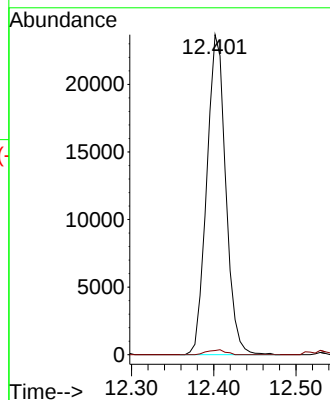
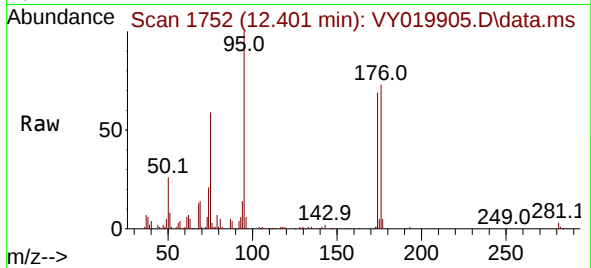




#76
1,2,3-Trichloropropane
Concen: 36.134 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 38022
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 145.850 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019905.D
Acq: 15 Oct 2024 15:48

Tgt Ion: 75 Resp: 38022
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

