

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019640.D
 Acq On : 20 Sep 2024 13:02
 Operator : SY/MD
 Sample : P4087-27
 Misc : 4.87g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 15:23:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

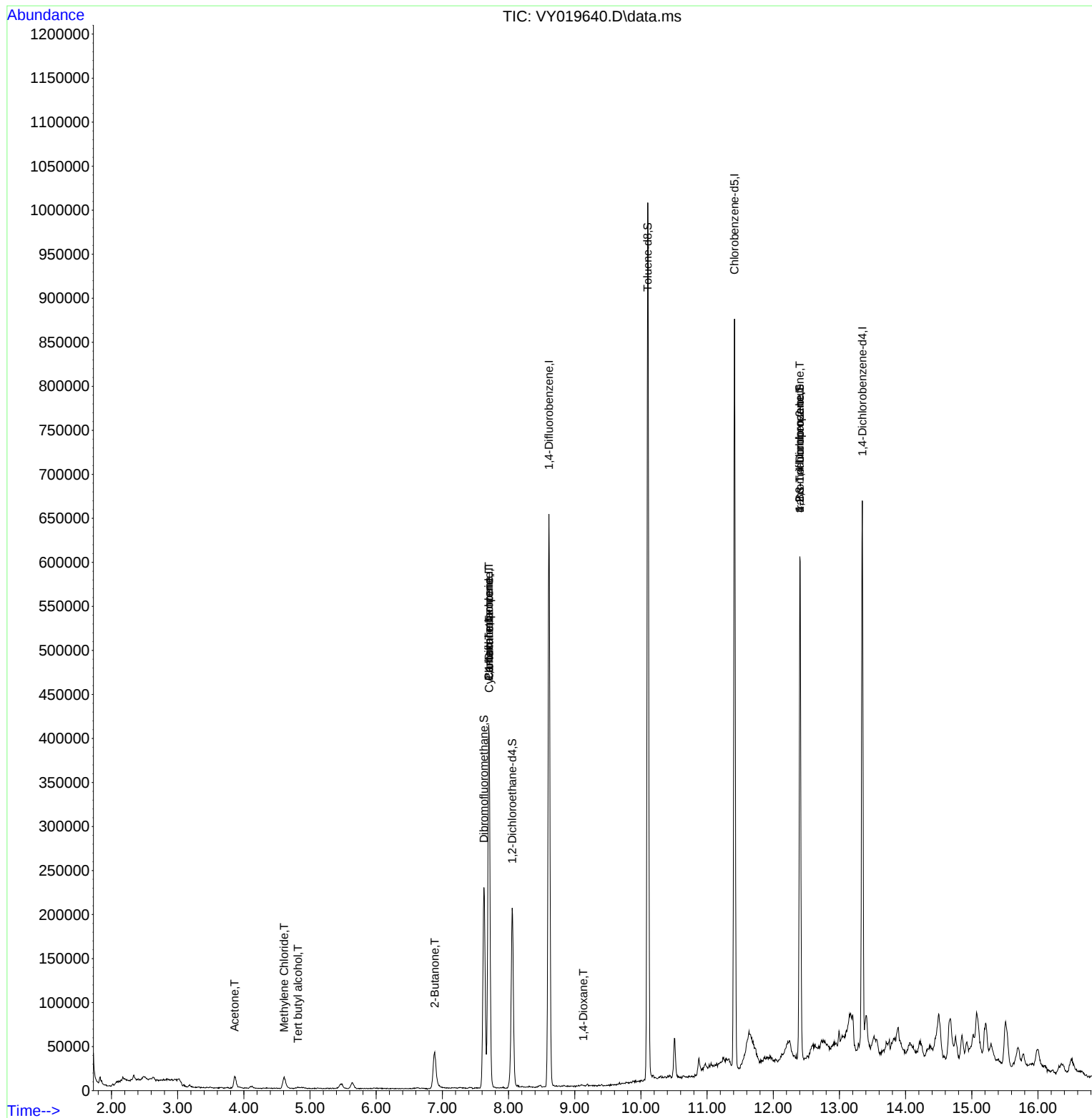
Internal Standards						
1) Pentafluorobenzene	7.701	168	307354	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	543011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	437193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	151037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	154325	54.225	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.440%	
35) Dibromofluoromethane	7.628	113	162842	52.892	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.780%	
50) Toluene-d8	10.103	98	630688	55.383	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.760%	
62) 4-Bromofluorobenzene	12.401	95	180939	41.323	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 82.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	103	Below Cal	#	43
11) Tert butyl alcohol	4.817	59	1177	5.121	ug/l	99
13) Acrolein	3.665	56	1013	Below Cal	#	76
16) Acetone	3.860	43	23620	34.836	ug/l	# 82
20) Methylene Chloride	4.610	84	9150	2.959	ug/l	87
25) 2-Butanone	6.884	43	12034	12.479	ug/l	# 87
31) Cyclohexane	7.707	56	7403	1.453	ug/l	# 18
36) 1,1-Dichloropropene	7.701	75	27113	6.472	ug/l	# 50
38) Carbon Tetrachloride	7.701	117	33488	7.089	ug/l	# 17
49) 1,4-Dioxane	9.128	88	23	1.133	ug/l	# 20
76) 1,2,3-Trichloropropane	12.401	75	98586	69.640	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.401	75	98586	133.688	ug/l	# 17

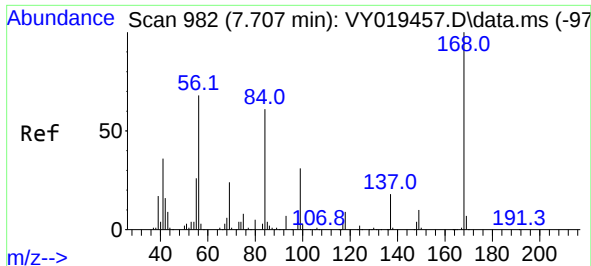
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

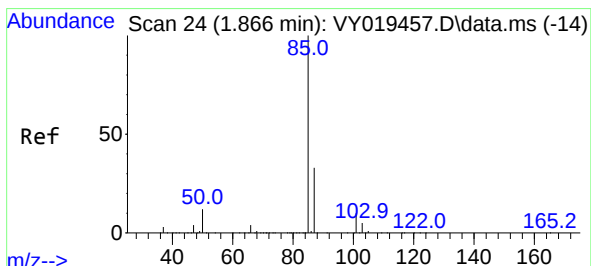
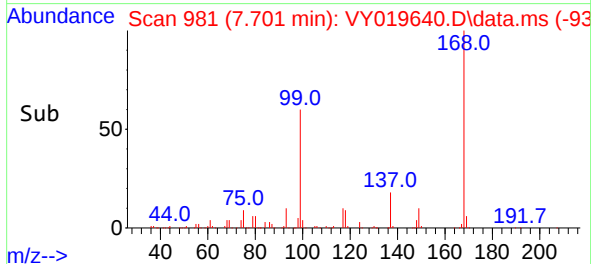
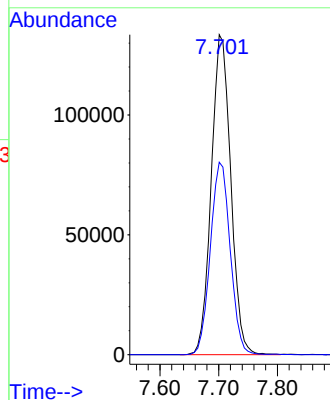
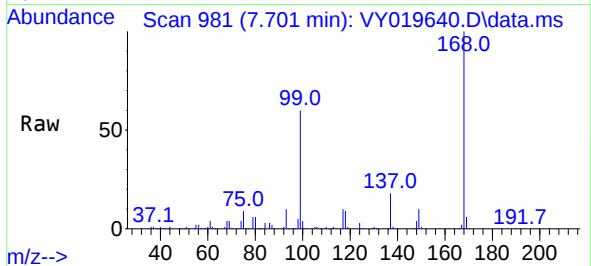




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

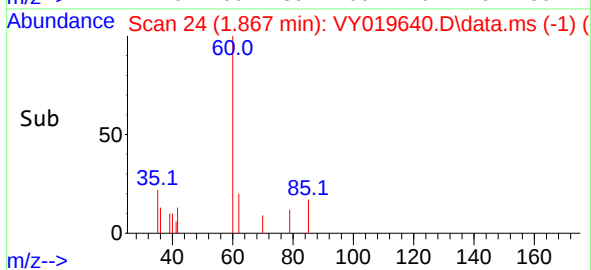
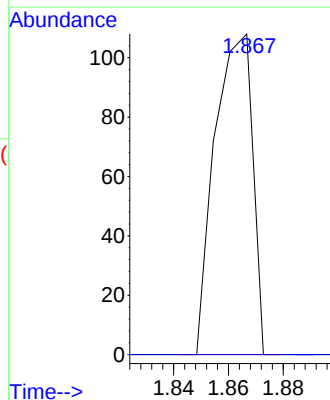
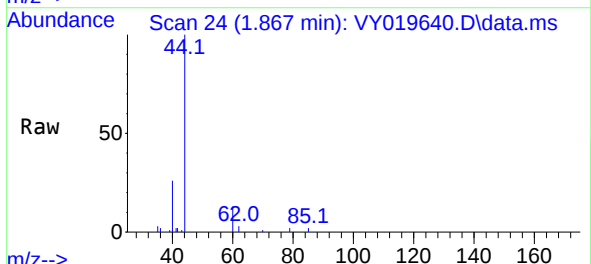
Instrument :
MSVOA_Y
ClientSampleId :

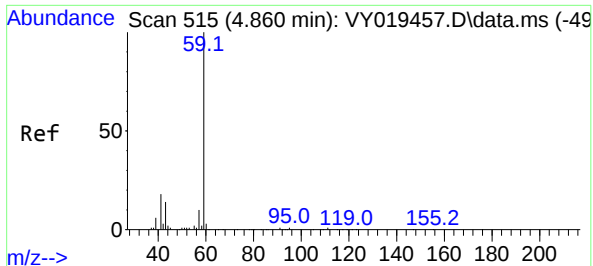
Tgt Ion:168 Resp: 307354
Ion Ratio Lower Upper
168 100
99 60.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

Tgt Ion: 85 Resp: 103
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 5.121 ug/l

RT: 4.817 min Scan# 50

Delta R.T. -0.042 min

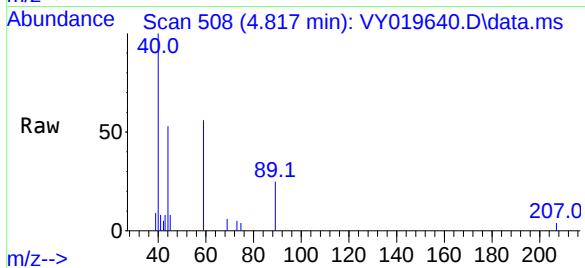
Lab File: VY019640.D

Acq: 20 Sep 2024 13:02

Instrument :

MSVOA_Y

ClientSampleId :

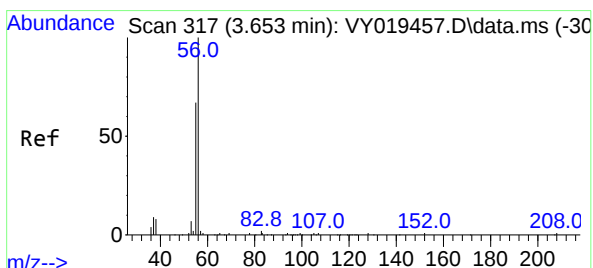
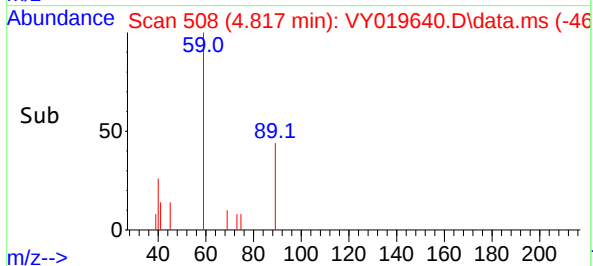
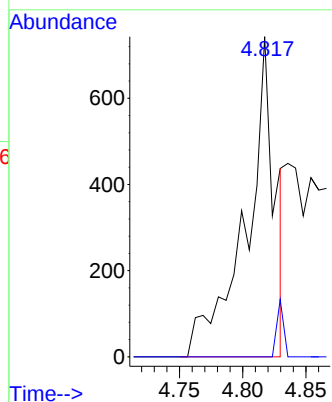


Tgt Ion: 59 Resp: 1177

Ion Ratio Lower Upper

59 100

57 4.2 3.0 4.6



#13

Acrolein

Concen: Below Cal

RT: 3.665 min Scan# 319

Delta R.T. 0.012 min

Lab File: VY019640.D

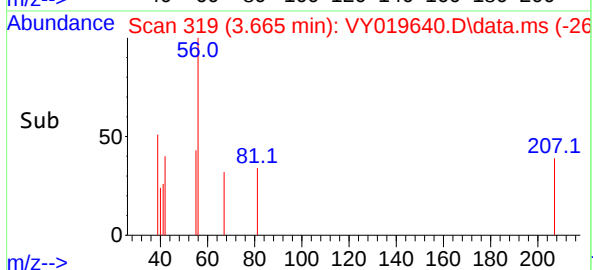
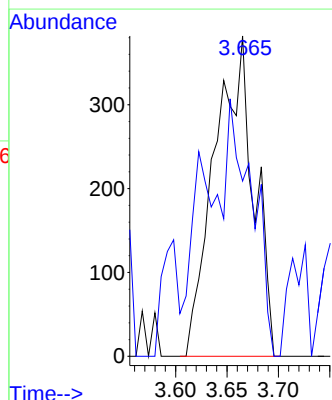
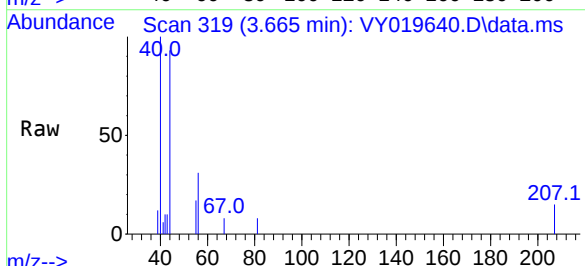
Acq: 20 Sep 2024 13:02

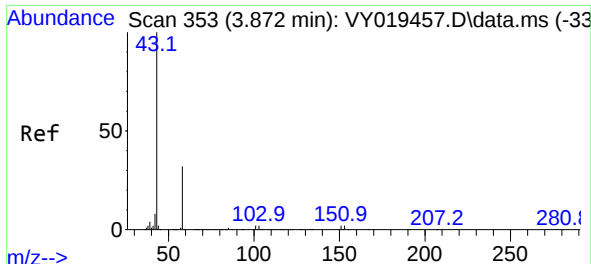
Tgt Ion: 56 Resp: 1013

Ion Ratio Lower Upper

56 100

55 50.3 55.7 83.5#

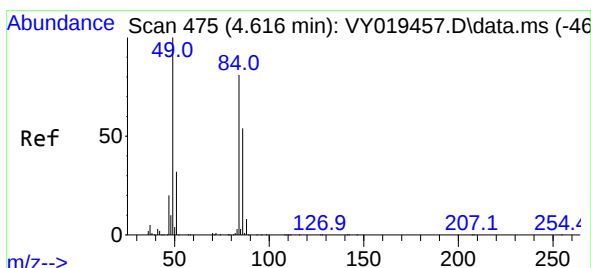
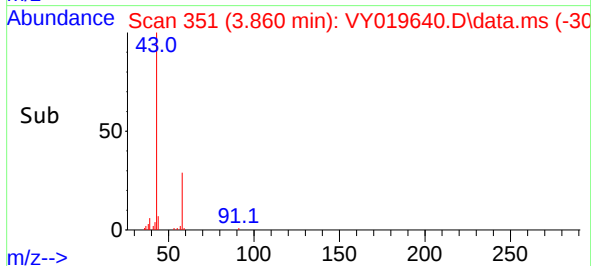
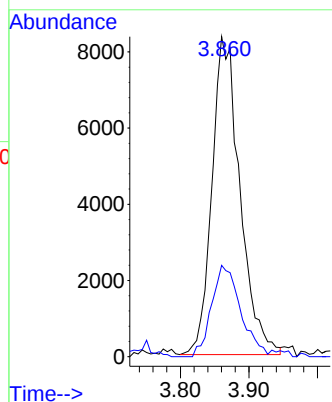
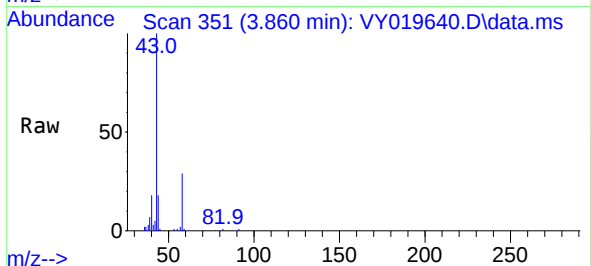




#16
Acetone
Concen: 34.836 ug/l
RT: 3.860 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

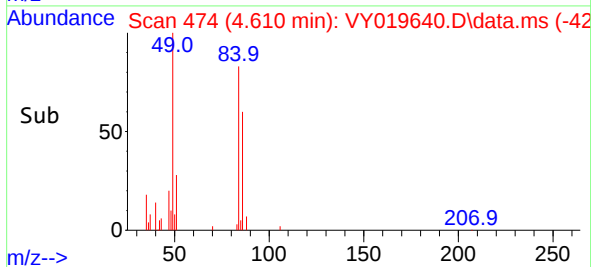
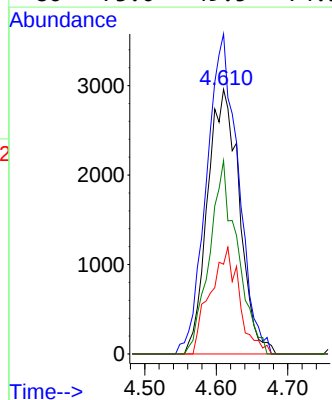
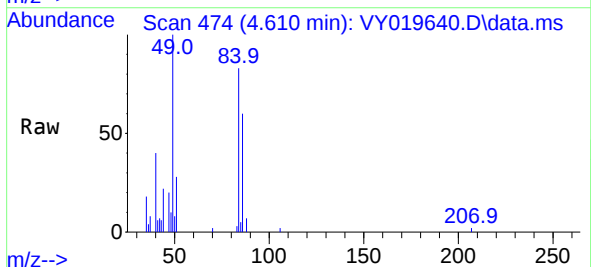
Instrument :
MSVOA_Y
ClientSampleId :

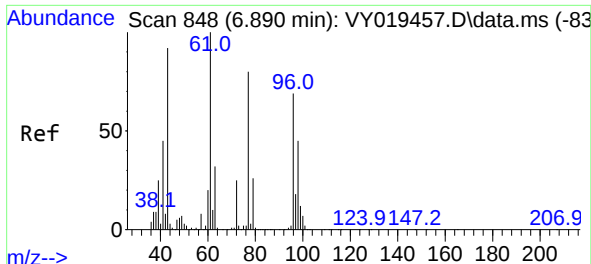
Tgt Ion: 43 Resp: 23620
Ion Ratio Lower Upper
43 100
58 28.7 31.7 47.5#



#20
Methylene Chloride
Concen: 2.959 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

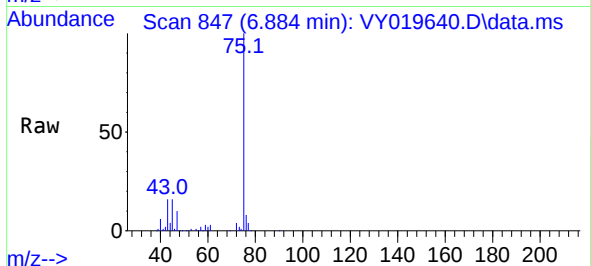
Tgt Ion: 84 Resp: 9150
Ion Ratio Lower Upper
84 100
49 120.9 84.4 126.6
51 33.9 26.0 39.0
86 73.0 49.5 74.3



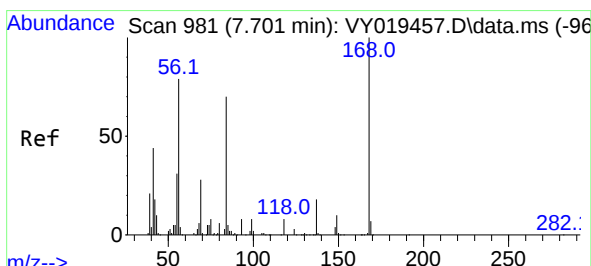
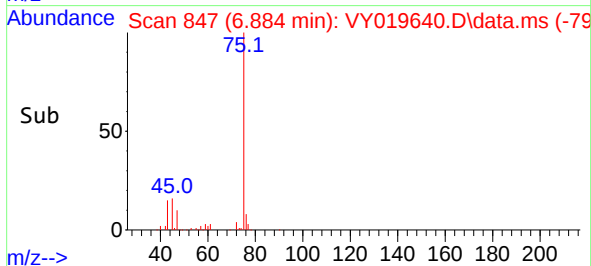
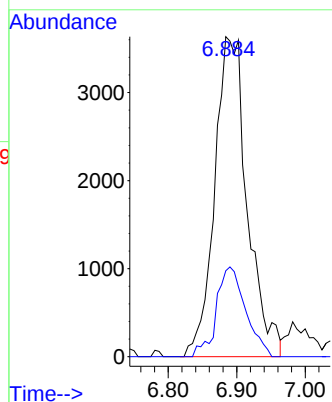


#25
2-Butanone
Concen: 12.479 ug/l
RT: 6.884 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :

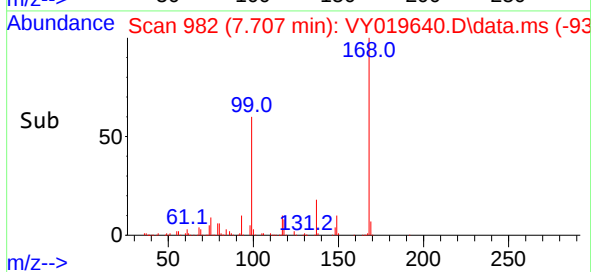
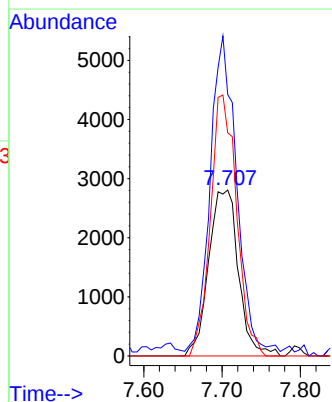
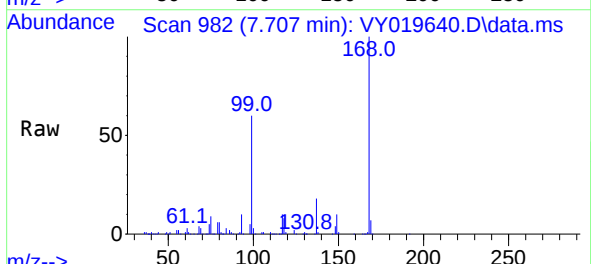


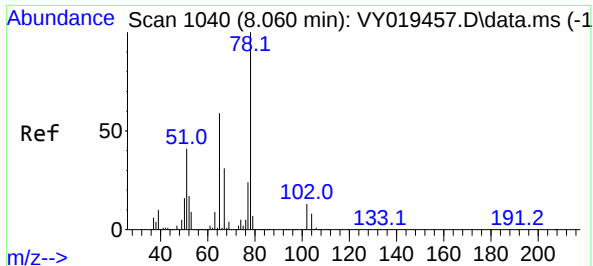
Tgt Ion: 43 Resp: 12034
Ion Ratio Lower Upper
43 100
72 26.9 27.3 40.9#



#31
Cyclohexane
Concen: 1.453 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

Tgt Ion: 56 Resp: 7403
Ion Ratio Lower Upper
56 100
69 154.8 28.7 43.1#
84 134.4 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 54.225 ug/l

RT: 8.055 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY019640.D

Acq: 20 Sep 2024 13:02

Instrument :

MSVOA_Y

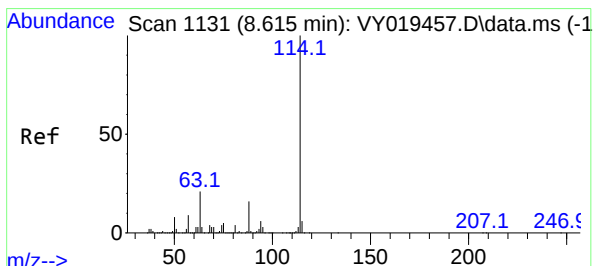
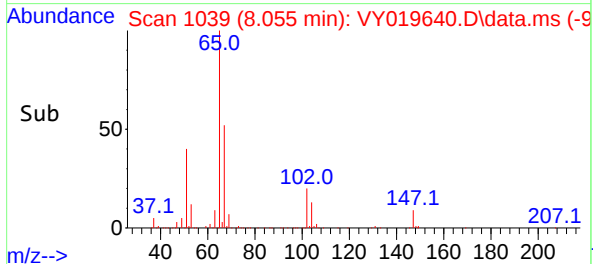
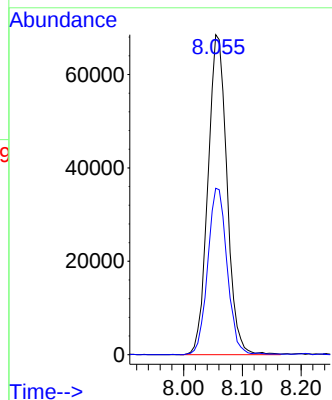
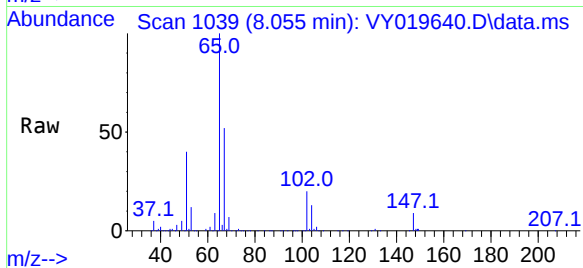
ClientSampleId :

Tgt Ion: 65 Resp: 154325

Ion Ratio Lower Upper

65 100

67 53.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VY019640.D

Acq: 20 Sep 2024 13:02

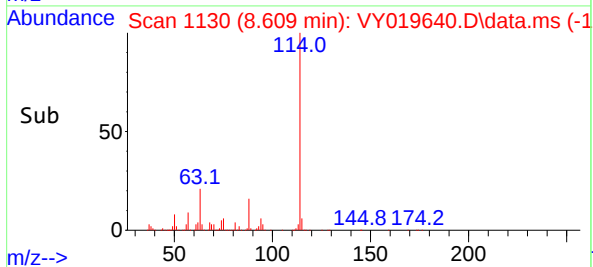
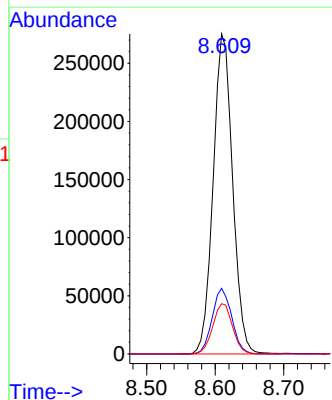
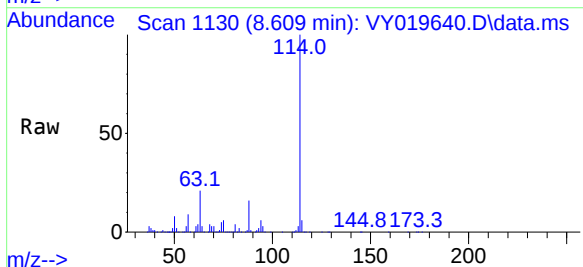
Tgt Ion: 114 Resp: 543011

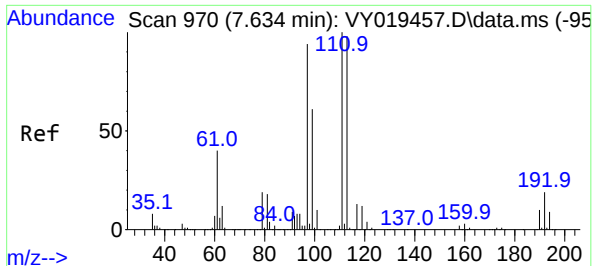
Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

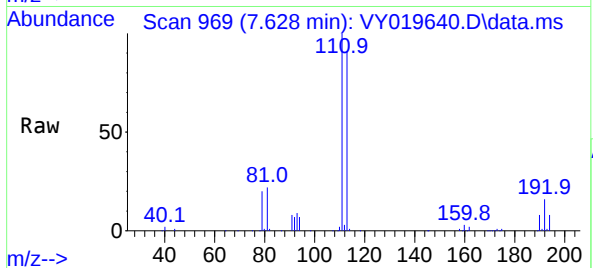
88 15.7 0.0 27.2



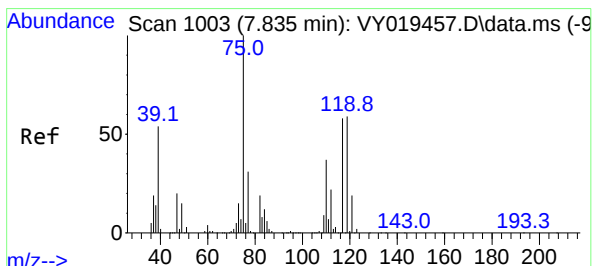
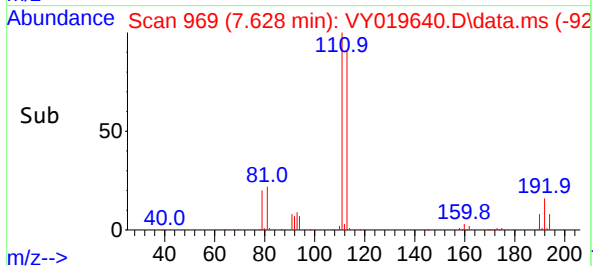
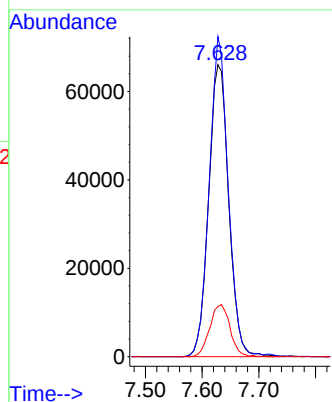


#35
Dibromofluoromethane
Concen: 52.892 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :

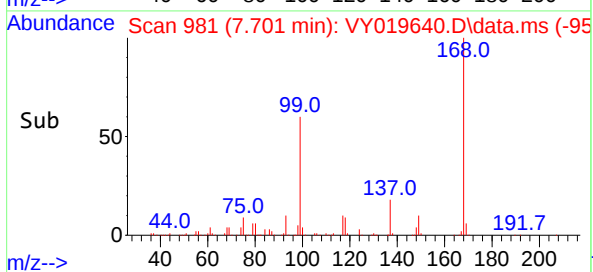
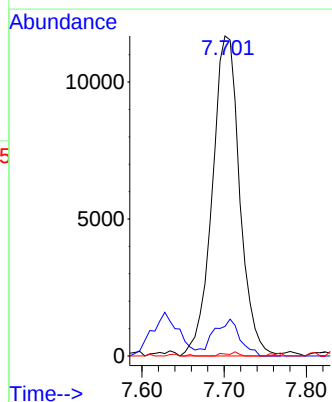
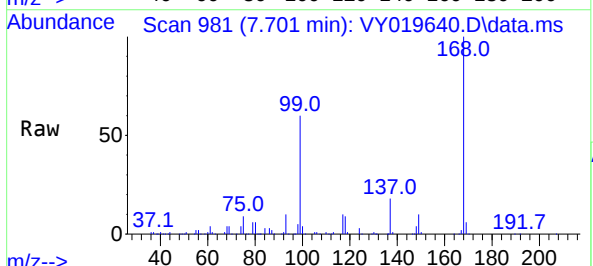


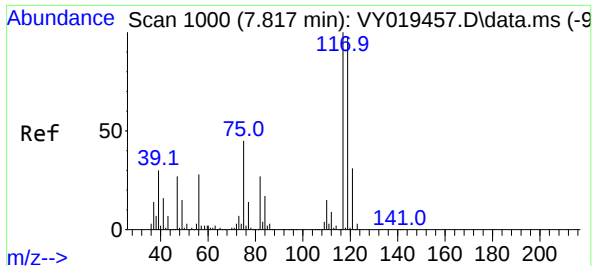
Tgt Ion:113 Resp: 162842
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 18.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 6.472 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

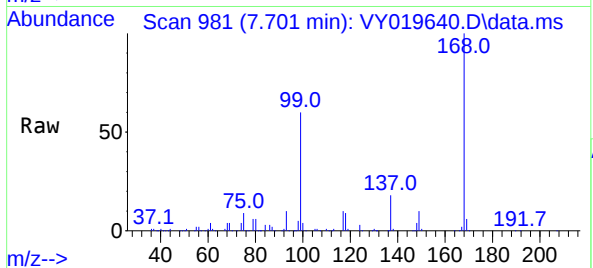
Tgt Ion: 75 Resp: 27113
Ion Ratio Lower Upper
75 100
110 11.1 19.0 57.0#
77 0.6 25.3 37.9#



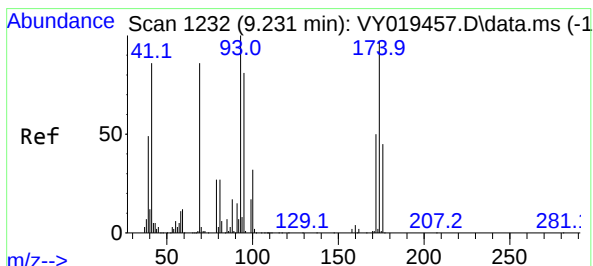
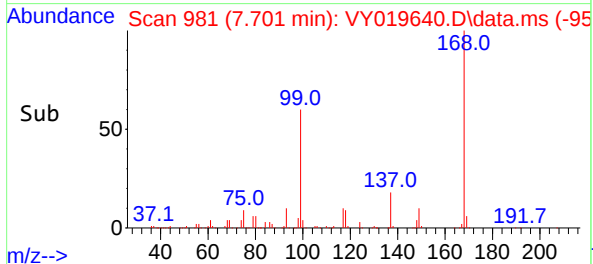
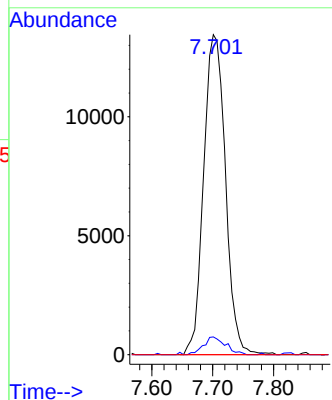


#38
Carbon Tetrachloride
Concen: 7.089 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :

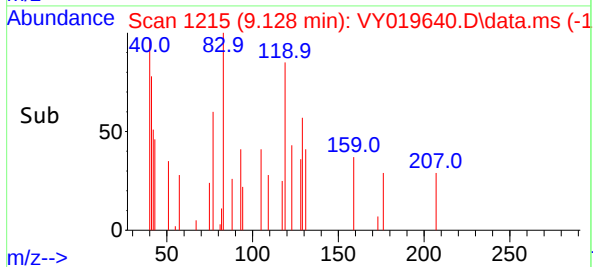
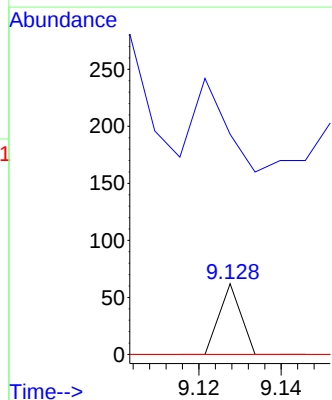
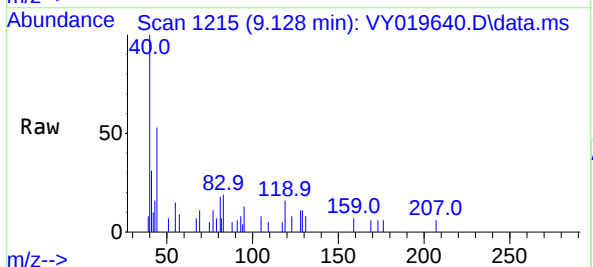


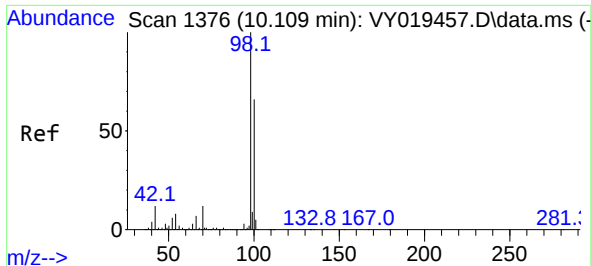
Tgt Ion:117 Resp: 33488
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.133 ug/l
RT: 9.128 min Scan# 1215
Delta R.T. -0.103 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#

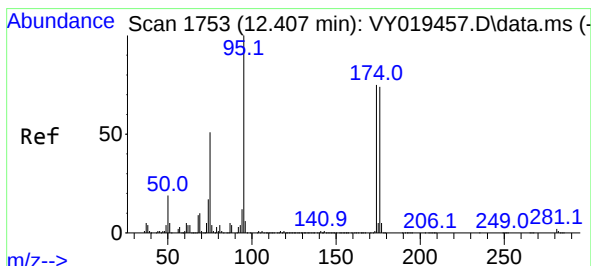
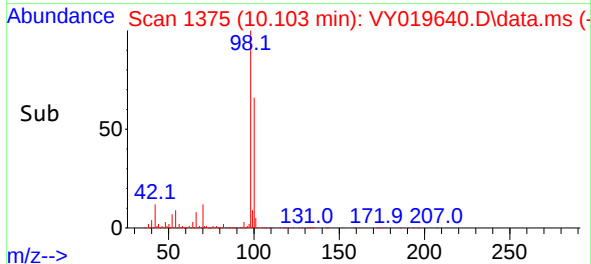
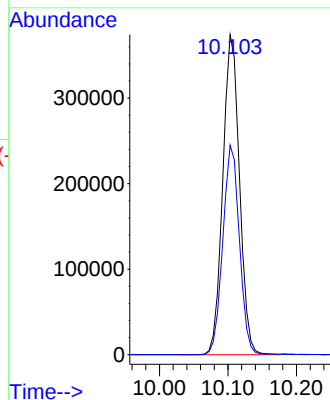
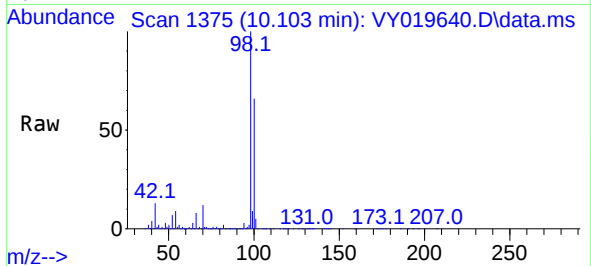




#50
Toluene-d8
Concen: 55.383 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

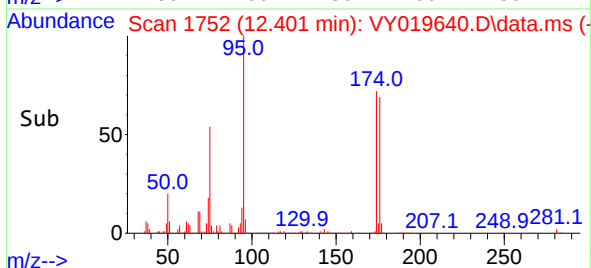
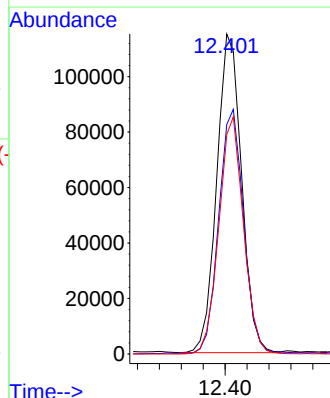
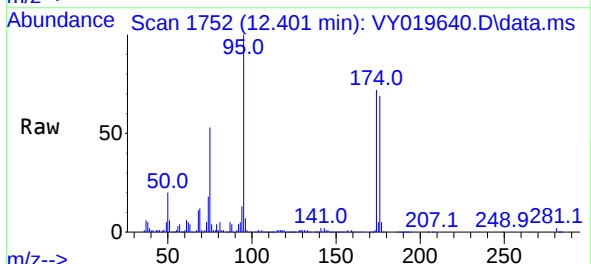
Instrument :
MSVOA_Y
ClientSampleId :

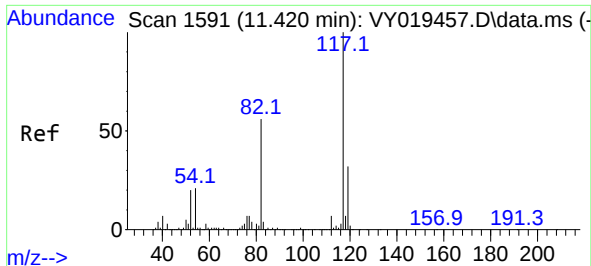
Tgt Ion: 98 Resp: 630688
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.323 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

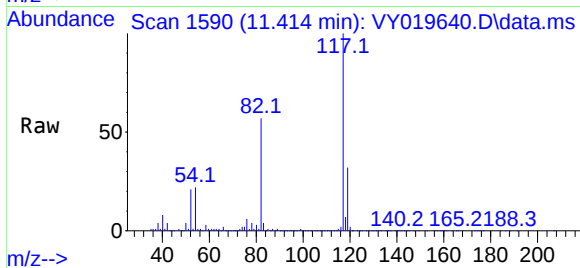
Tgt Ion: 95 Resp: 180939
Ion Ratio Lower Upper
95 100
174 77.5 0.0 175.6
176 73.6 0.0 171.4



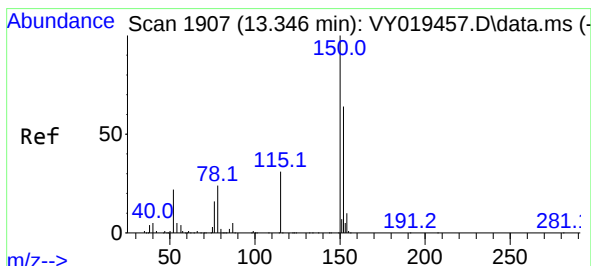
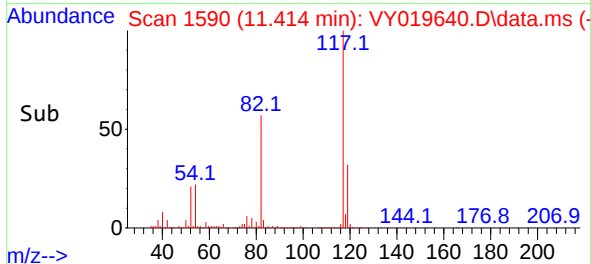
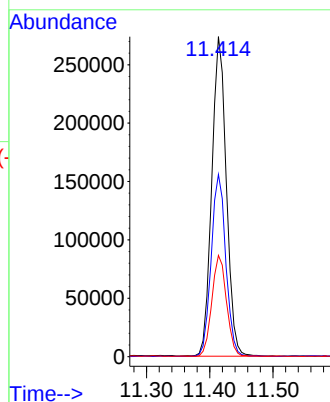


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :

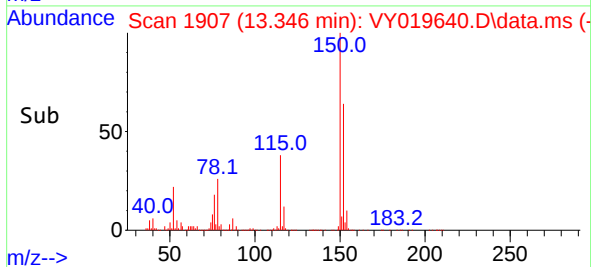
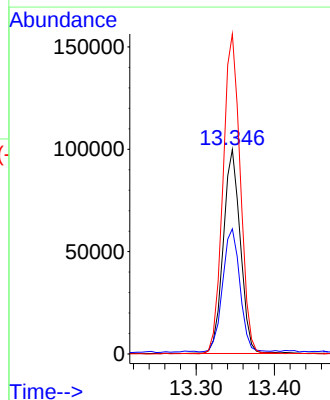
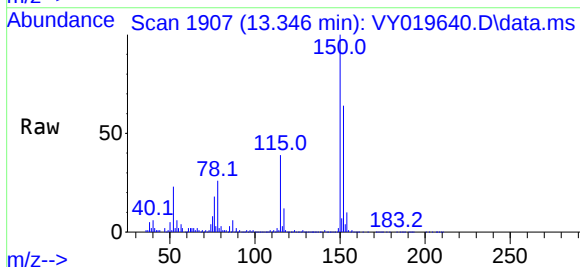


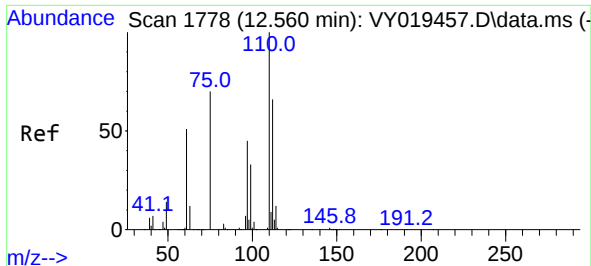
Tgt Ion:117 Resp: 437193
Ion Ratio Lower Upper
117 100
82 56.9 42.4 63.6
119 31.6 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

Tgt Ion:152 Resp: 151037
Ion Ratio Lower Upper
152 100
115 61.3 28.2 84.7
150 159.1 0.0 345.6

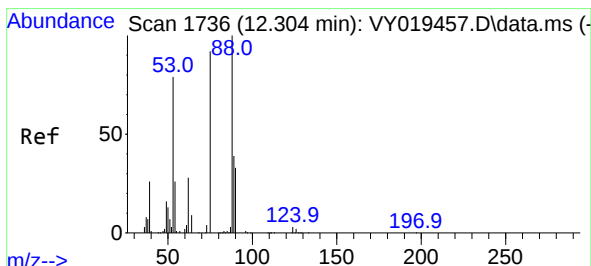
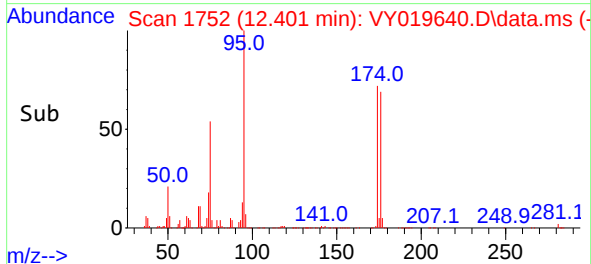
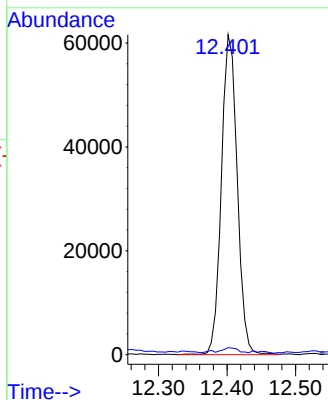
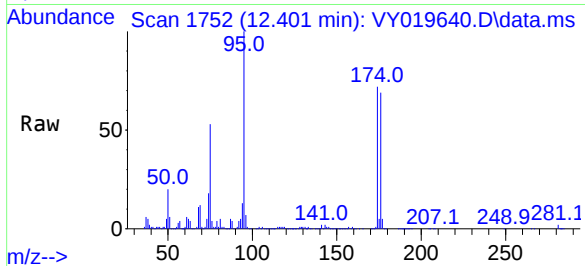




#76
1,2,3-Trichloropropane
Concen: 69.640 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 98586
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 133.688 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019640.D
Acq: 20 Sep 2024 13:02

Tgt Ion: 75 Resp: 98586
Ion Ratio Lower Upper
75 100
53 0.8 66.8 100.2#
89 0.2 35.8 53.6#

