

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092024\
 Data File : VY019643.D
 Acq On : 20 Sep 2024 14:12
 Operator : SY/MD
 Sample : P4088-15
 Misc : 4.45g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 20 15:23:48 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)

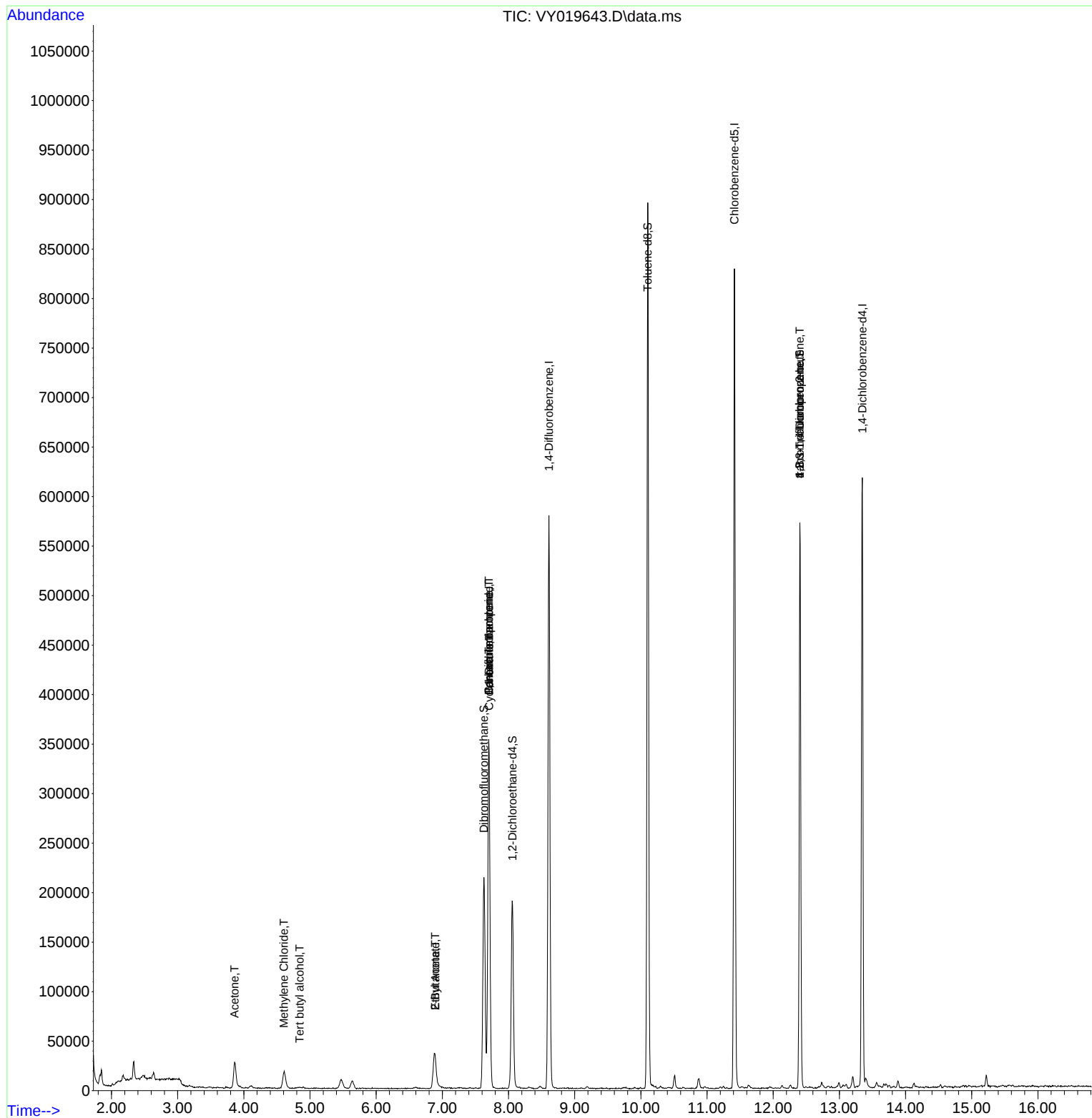
Internal Standards						
1) Pentafluorobenzene	7.701	168	261939	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	486289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	418442	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	153014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	153343	63.221	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.440%	
35) Dibromofluoromethane	7.628	113	152906	55.458	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.920%	
50) Toluene-d8	10.103	98	568234	55.719	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.440%	
62) 4-Bromofluorobenzene	12.401	95	179566	45.793	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 91.580%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	68	Below Cal	#	43
11) Tert butyl alcohol	4.842	59	1292	6.596	ug/l #	88
13) Acrolein	3.665	56	458	Below Cal	#	74
16) Acetone	3.860	43	46851	81.080	ug/l #	84
20) Methylene Chloride	4.604	84	12259	4.652	ug/l	96
25) 2-Butanone	6.890	43	20060	24.409	ug/l #	82
31) Cyclohexane	7.707	56	6652	1.532	ug/l #	49
36) 1,1-Dichloropropene	7.701	75	22118	5.895	ug/l #	48
37) Ethyl Acetate	6.890	43	20060	10.435	ug/l #	77
38) Carbon Tetrachloride	7.701	117	27727	6.554	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	96863	67.539	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	96863	129.655	ug/l #	16

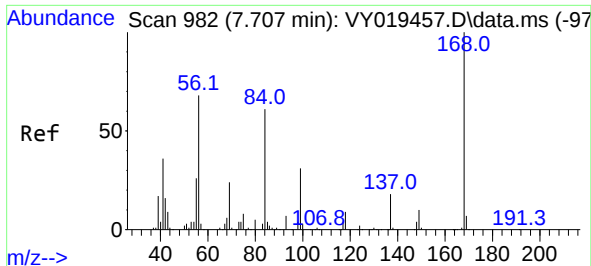
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

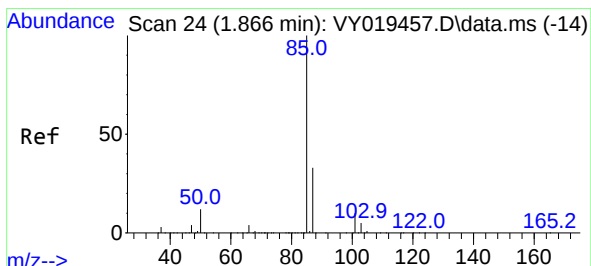
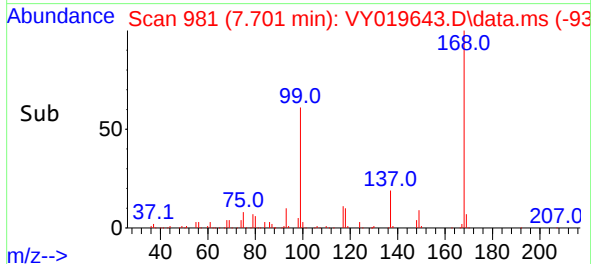
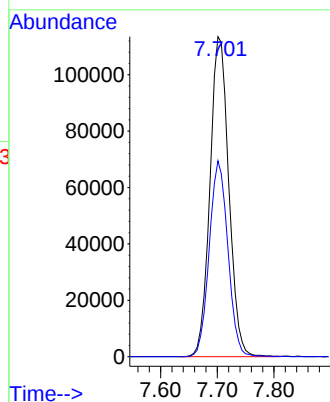
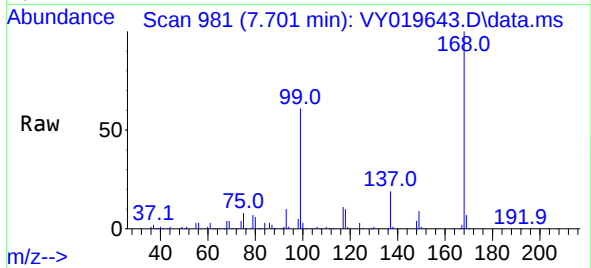




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

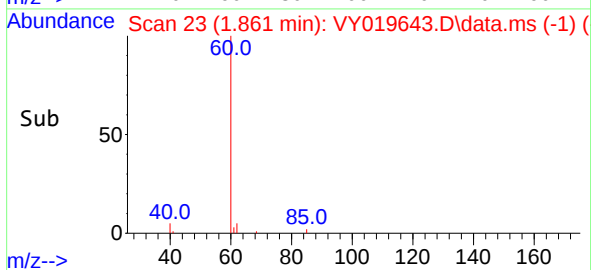
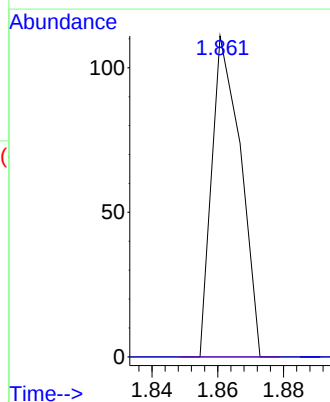
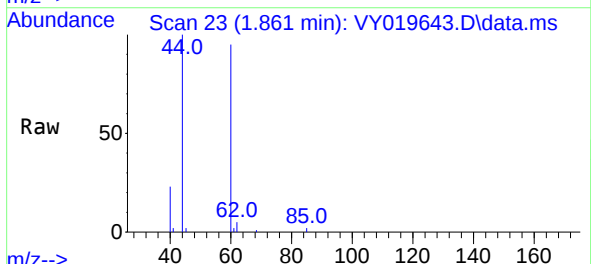
Instrument :
MSVOA_Y
ClientSampleId :

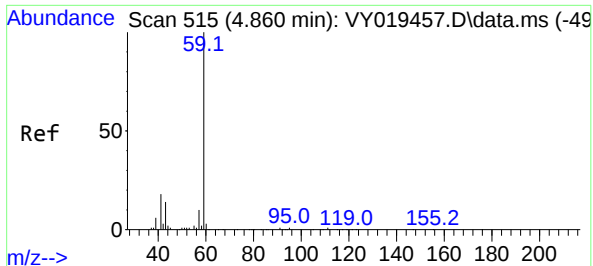
Tgt Ion:168 Resp: 261939
Ion Ratio Lower Upper
168 100
99 61.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

Tgt Ion: 85 Resp: 68
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

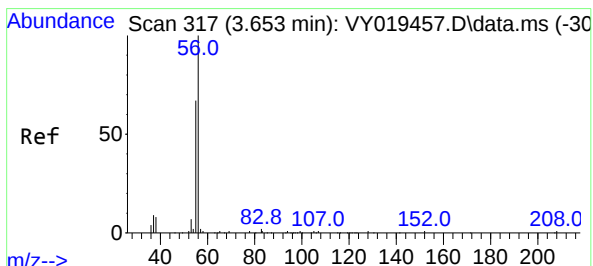
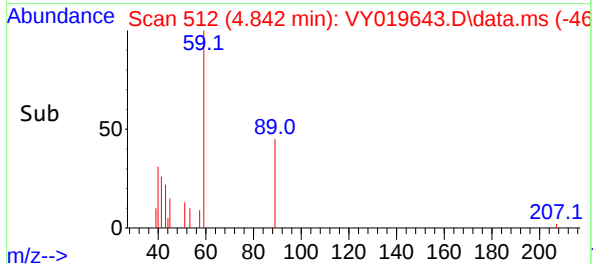
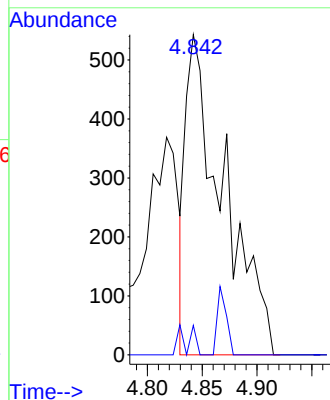
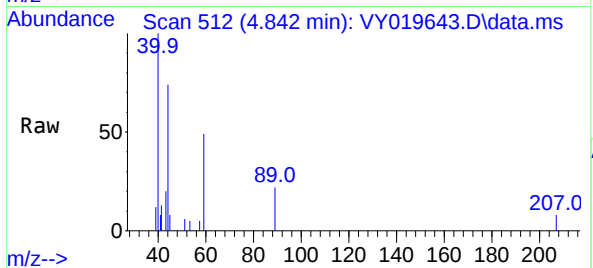




#11
Tert butyl alcohol
Concen: 6.596 ug/l
RT: 4.842 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

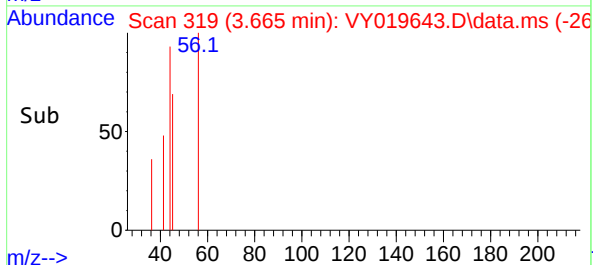
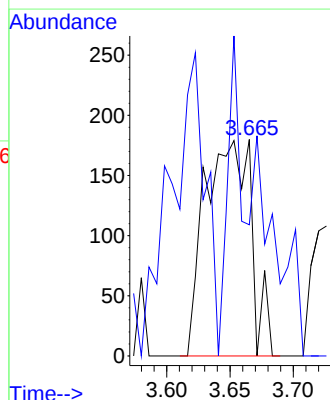
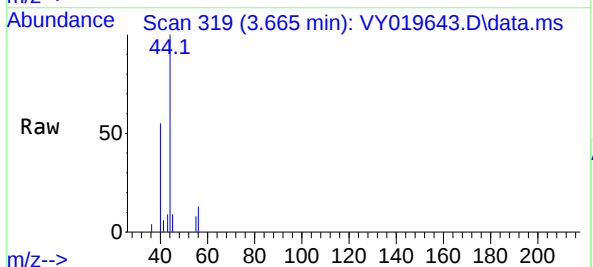
Instrument :
MSVOA_Y
ClientSampleId :

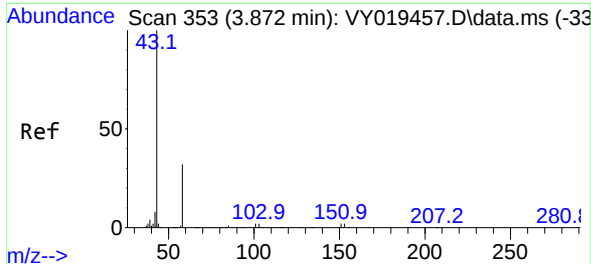
Tgt Ion: 59 Resp: 1292
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.665 min Scan# 319
Delta R.T. 0.012 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

Tgt Ion: 56 Resp: 458
Ion Ratio Lower Upper
56 100
55 48.5 55.7 83.5#





#16

Acetone

Concen: 81.080 ug/l

RT: 3.860 min Scan# 3

Delta R.T. -0.012 min

Lab File: VY019643.D

Acq: 20 Sep 2024 14:12

Instrument :

MSVOA_Y

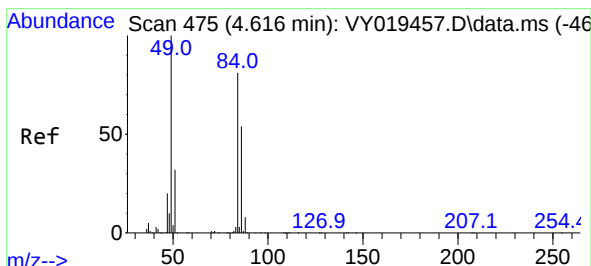
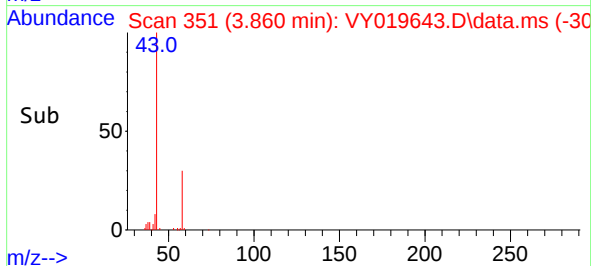
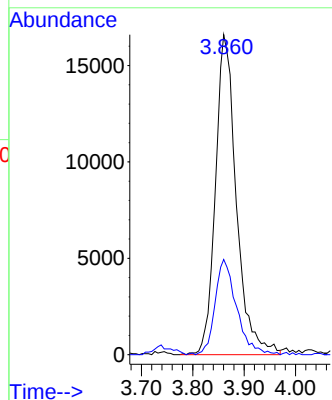
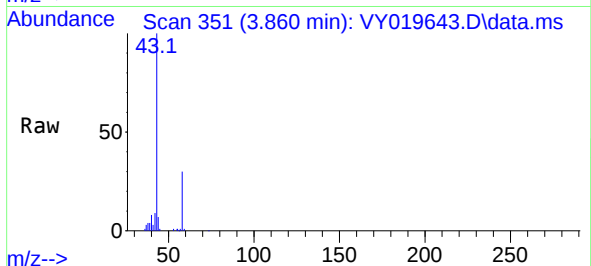
ClientSampleId :

Tgt Ion: 43 Resp: 46851

Ion Ratio Lower Upper

43 100

58 29.8 31.7 47.5#



#20

Methylene Chloride

Concen: 4.652 ug/l

RT: 4.604 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY019643.D

Acq: 20 Sep 2024 14:12

Tgt Ion: 84 Resp: 12259

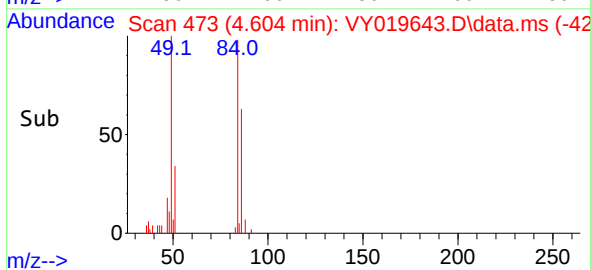
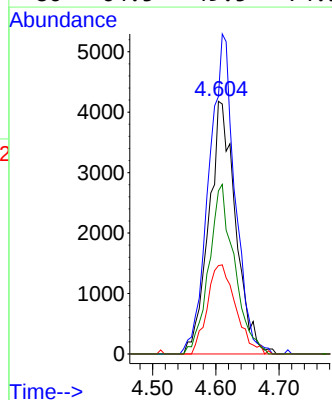
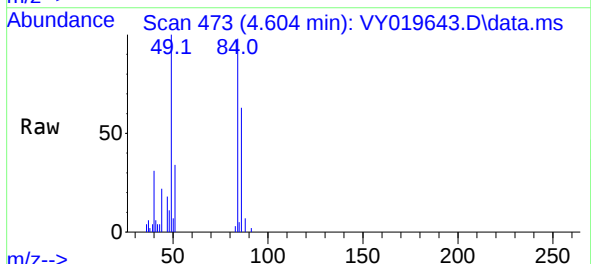
Ion Ratio Lower Upper

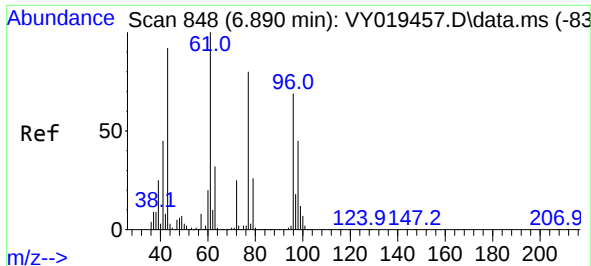
84 100

49 101.9 84.4 126.6

51 34.9 26.0 39.0

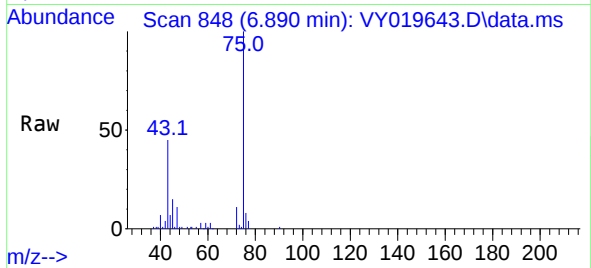
86 64.5 49.5 74.3



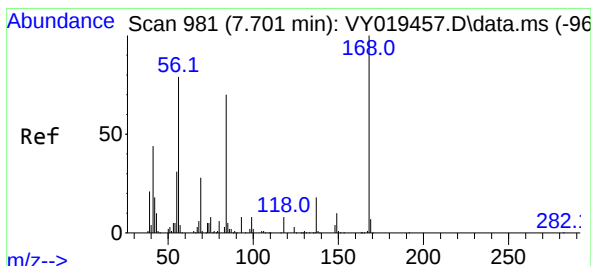
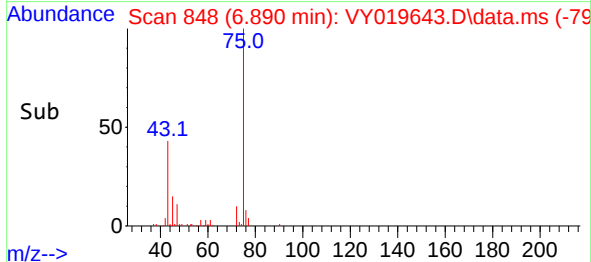
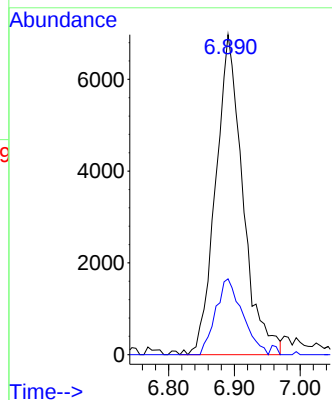


#25
2-Butanone
Concen: 24.409 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

Instrument :
MSVOA_Y
ClientSampleId :

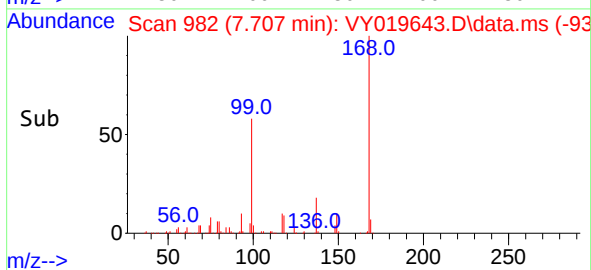
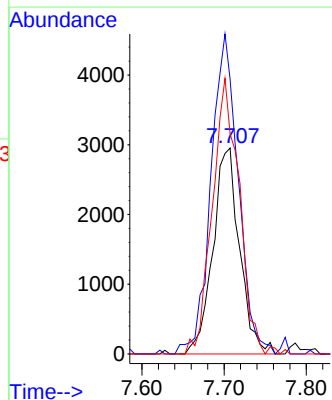
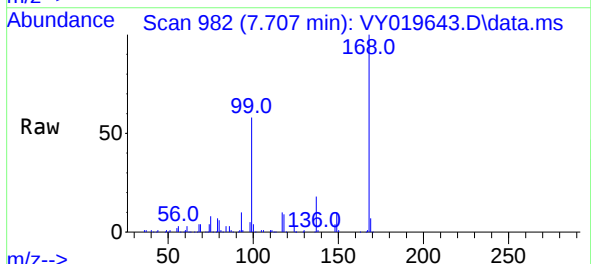


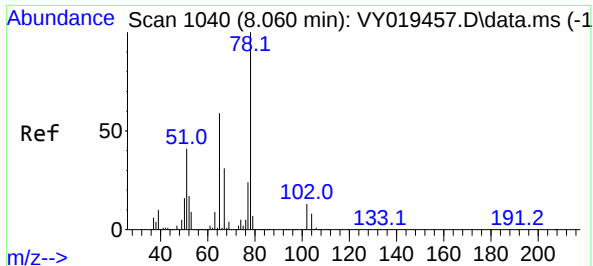
Tgt Ion: 43 Resp: 20060
Ion Ratio Lower Upper
43 100
72 23.7 27.3 40.9#



#31
Cyclohexane
Concen: 1.532 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

Tgt Ion: 56 Resp: 6652
Ion Ratio Lower Upper
56 100
69 130.9 28.7 43.1#
84 106.8 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 63.221 ug/l

RT: 8.061 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY019643.D

Acq: 20 Sep 2024 14:12

Instrument :

MSVOA_Y

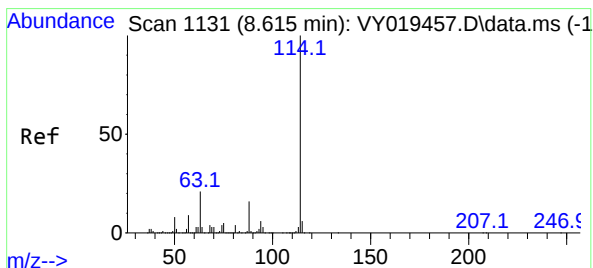
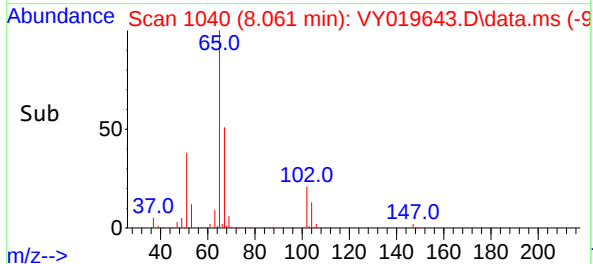
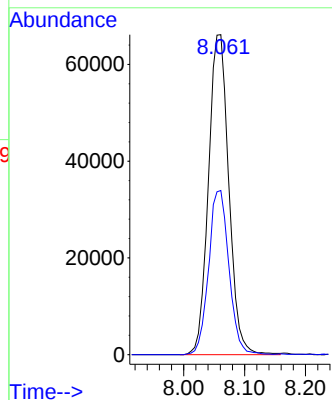
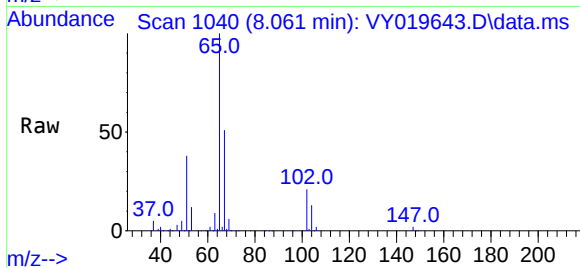
ClientSampleId :

Tgt Ion: 65 Resp: 153343

Ion Ratio Lower Upper

65 100

67 51.3 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: VY019643.D

Acq: 20 Sep 2024 14:12

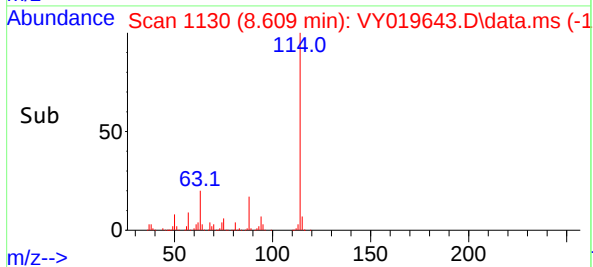
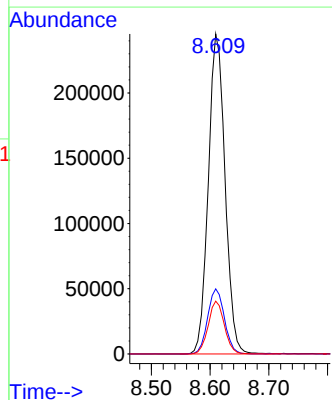
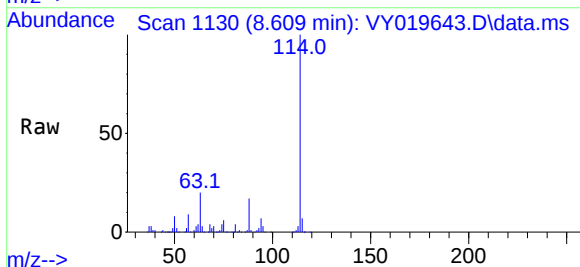
Tgt Ion: 114 Resp: 486289

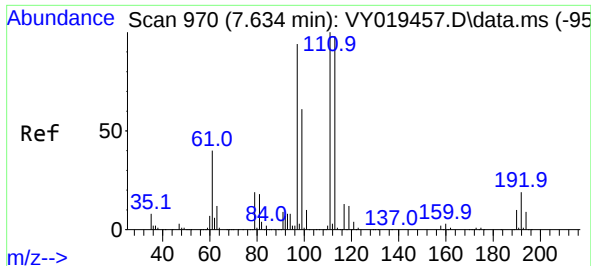
Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.0

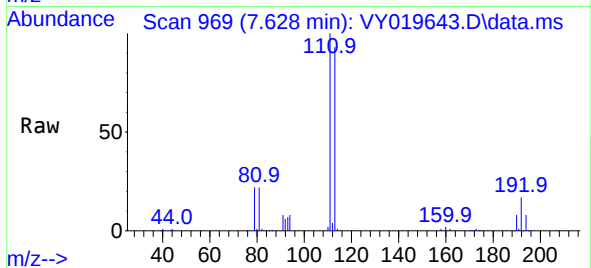
88 16.5 0.0 27.2



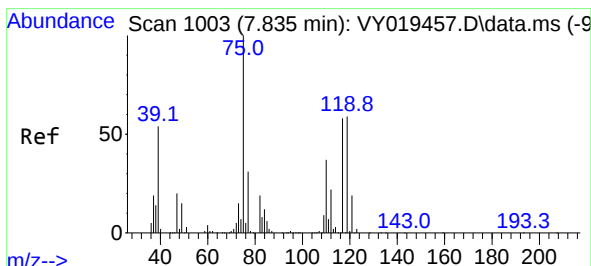
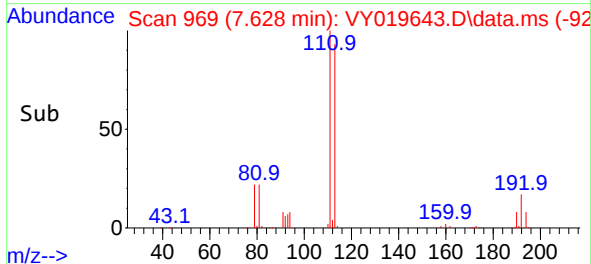
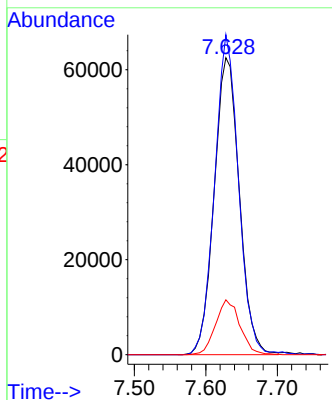


#35
Dibromofluoromethane
Concen: 55.458 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

Instrument :
MSVOA_Y
ClientSampleId :

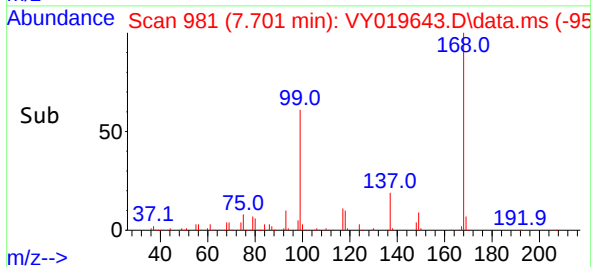
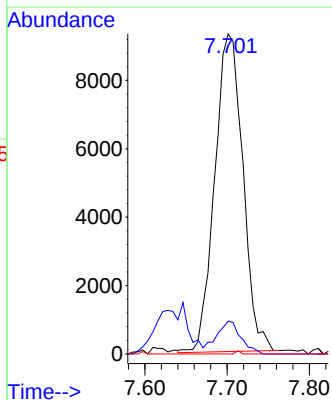
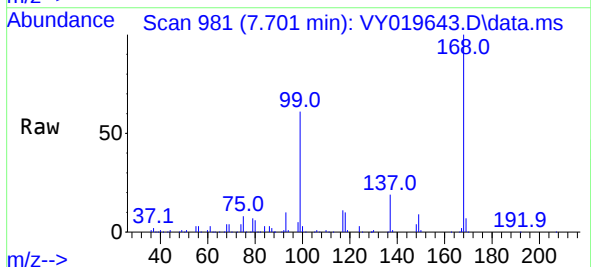


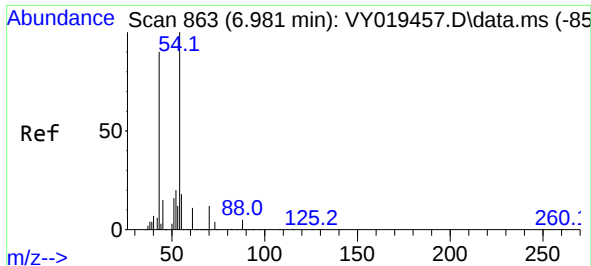
Tgt Ion:113 Resp: 152906
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 17.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.895 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

Tgt Ion: 75 Resp: 22118
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 0.2 25.3 37.9#





#37

Ethyl Acetate

Concen: 10.435 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.091 min

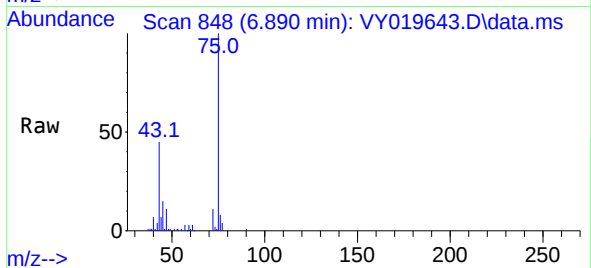
Lab File: VY019643.D

Acq: 20 Sep 2024 14:12

Instrument :

MSVOA_Y

ClientSampleId :



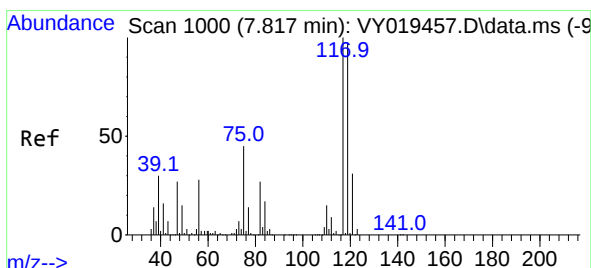
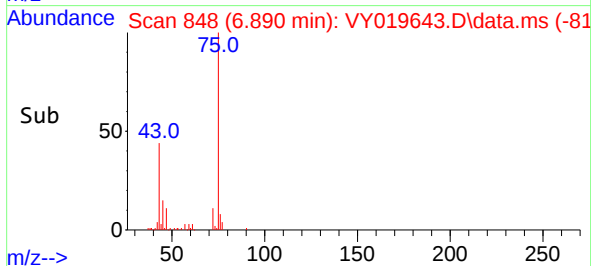
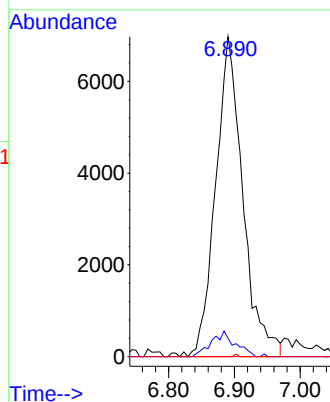
Tgt Ion: 43 Resp: 20060

Ion Ratio Lower Upper

43 100

61 7.0 12.6 19.0#

70 0.1 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 6.554 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.116 min

Lab File: VY019643.D

Acq: 20 Sep 2024 14:12

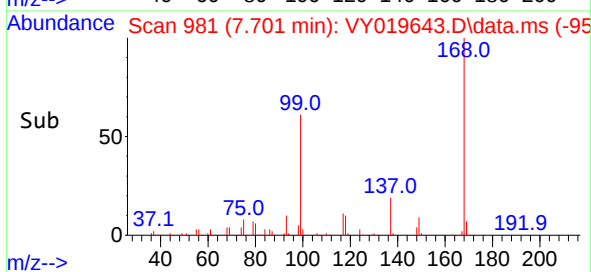
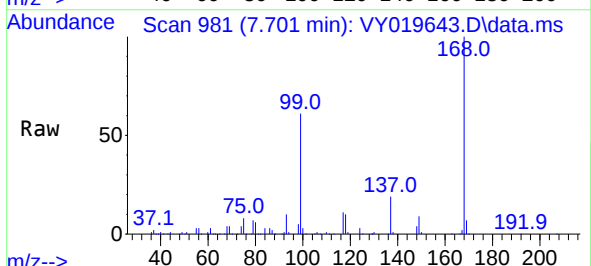
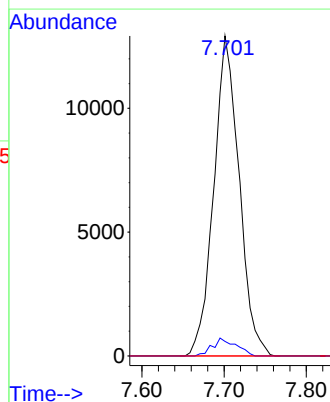
Tgt Ion: 117 Resp: 27727

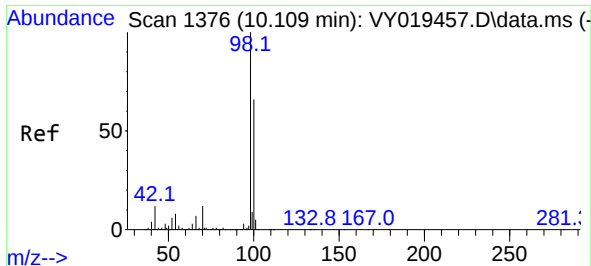
Ion Ratio Lower Upper

117 100

119 4.5 75.8 113.6#

121 0.0 24.0 36.0#

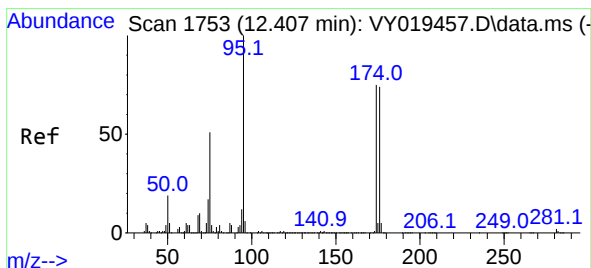
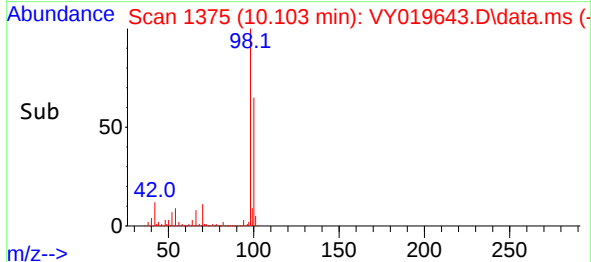
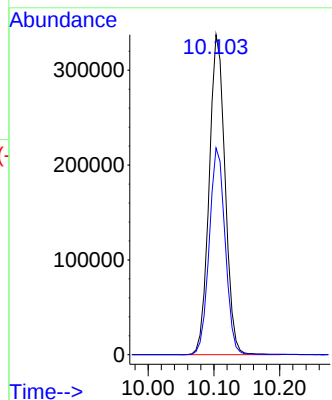
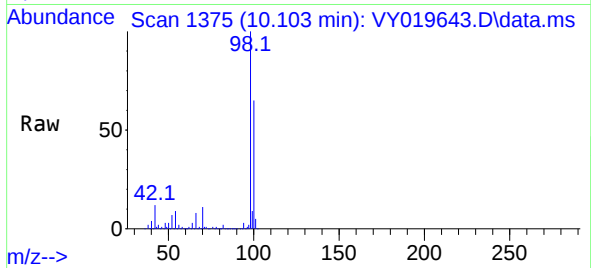




#50
Toluene-d8
Concen: 55.719 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

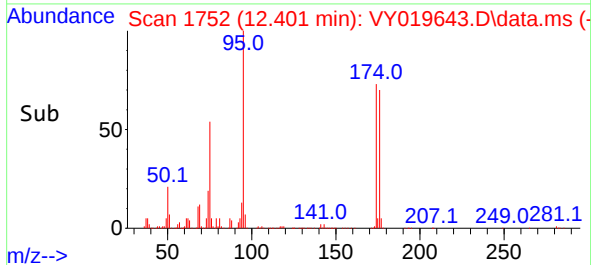
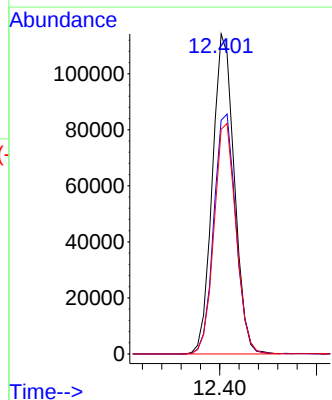
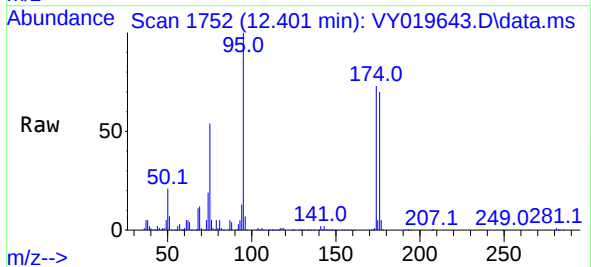
Instrument :
MSVOA_Y
ClientSampleId :

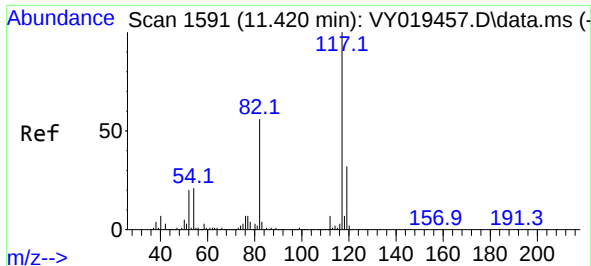
Tgt Ion: 98 Resp: 568234
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.793 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

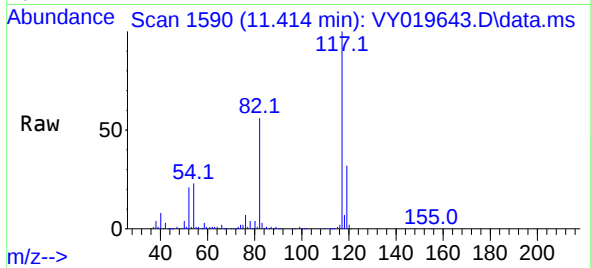
Tgt Ion: 95 Resp: 179566
Ion Ratio Lower Upper
95 100
174 75.6 0.0 175.6
176 72.2 0.0 171.4



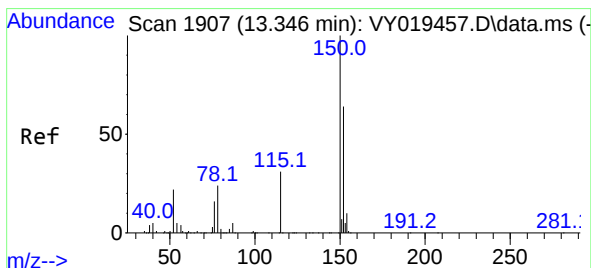
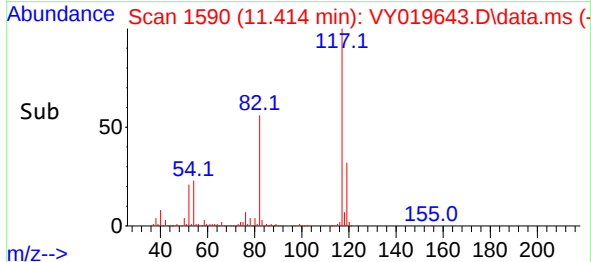
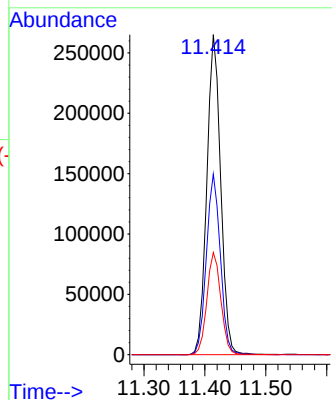


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

Instrument :
MSVOA_Y
ClientSampleId :

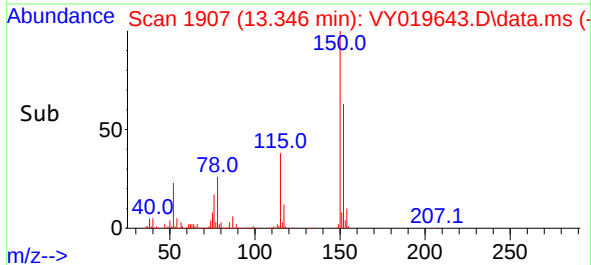
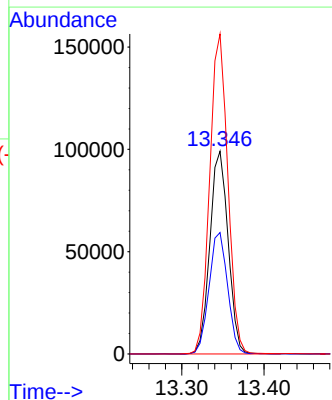
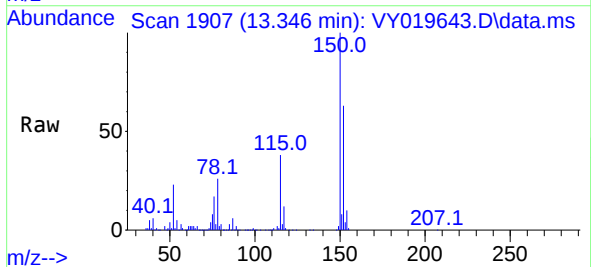


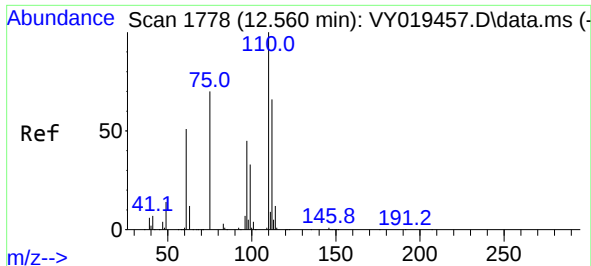
Tgt Ion:117 Resp: 418442
Ion Ratio Lower Upper
117 100
82 56.5 42.4 63.6
119 31.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

Tgt Ion:152 Resp: 153014
Ion Ratio Lower Upper
152 100
115 61.0 28.2 84.7
150 156.2 0.0 345.6

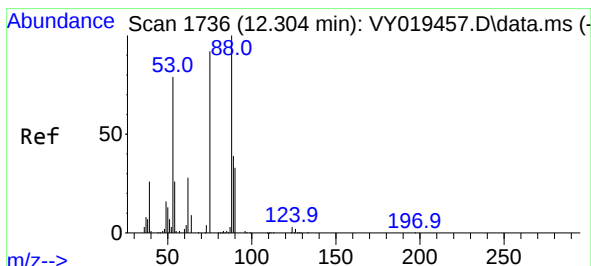
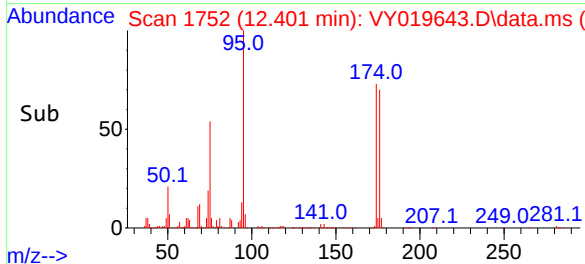
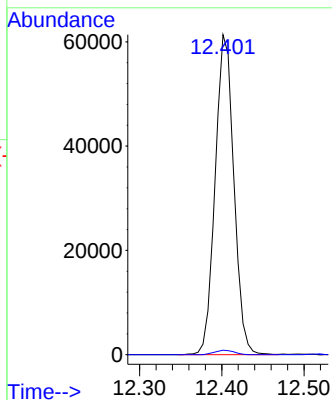
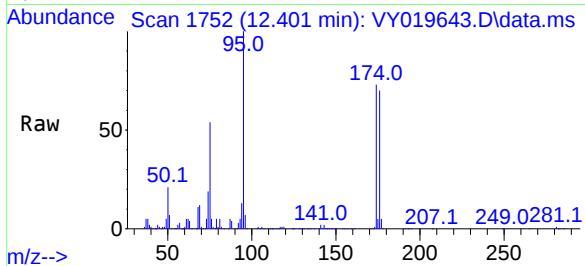




#76
1,2,3-Trichloropropane
Concen: 67.539 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 96863
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 129.655 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019643.D
Acq: 20 Sep 2024 14:12

Tgt Ion: 75 Resp: 96863
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

