

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100124\
 Data File : VY019740.D
 Acq On : 01 Oct 2024 14:51
 Operator : SY/MD
 Sample : P4198-17
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 01 17:09:01 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)

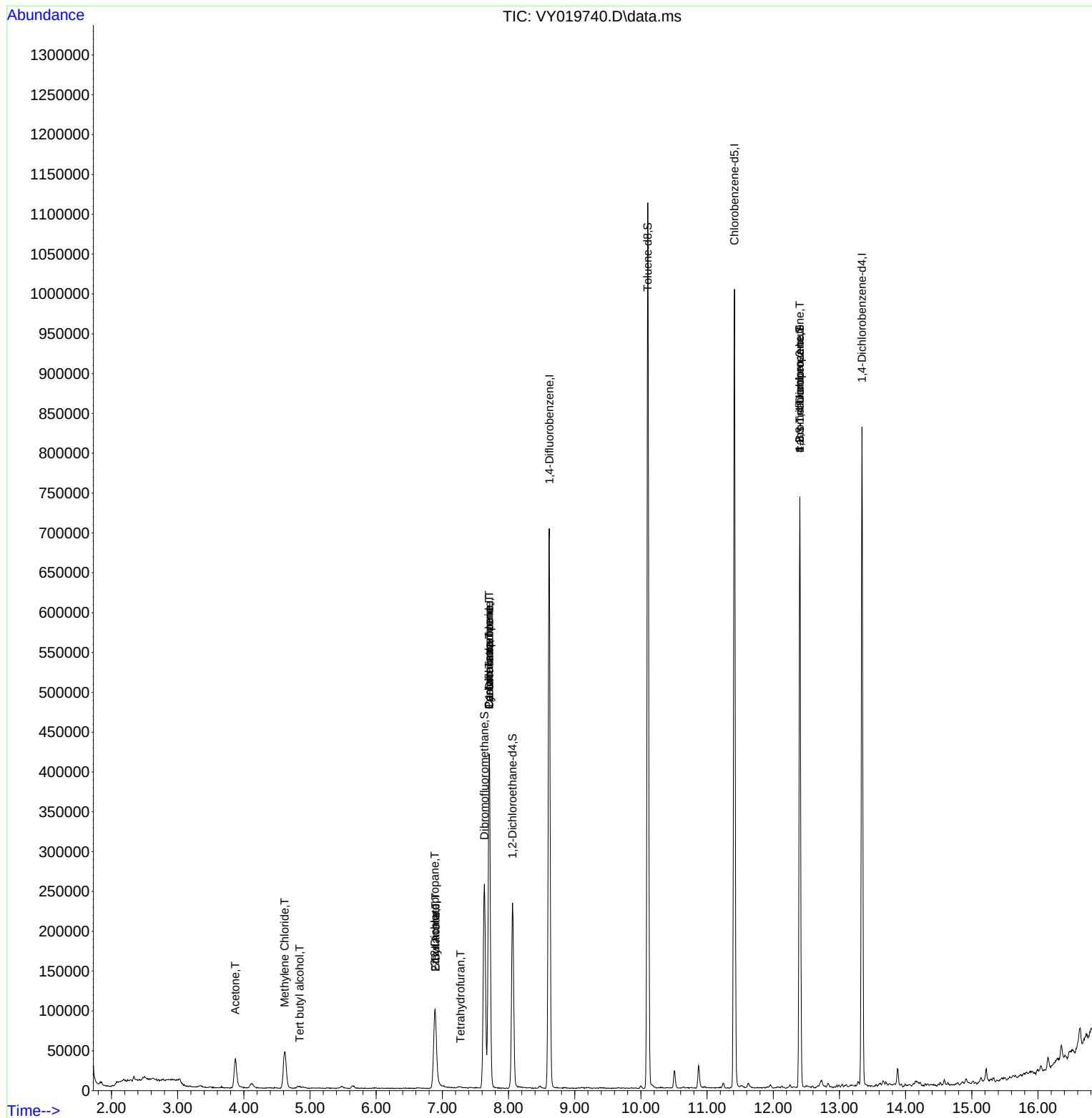
Internal Standards						
1) Pentafluorobenzene	7.707	168	310168	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	588173	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	514342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	193143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	181862	63.321	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.640%	
35) Dibromofluoromethane	7.634	113	186169	55.826	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.660%	
50) Toluene-d8	10.103	98	693799	56.247	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.500%	
62) 4-Bromofluorobenzene	12.402	95	226358	47.726	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 95.460%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	200	Below Cal	#	43
11) Tert butyl alcohol	4.842	59	3760	16.211	ug/l #	95
13) Acrolein	3.659	56	680	Below Cal	#	59
16) Acetone	3.873	43	65693	96.010	ug/l	90
20) Methylene Chloride	4.616	84	35037	11.228	ug/l #	88
25) 2-Butanone	6.896	43	21074	21.655	ug/l #	74
26) 2,2-Dichloropropane	6.884	77	7888	1.538	ug/l #	51
29) Tetrahydrofuran	7.274	42	789	1.333	ug/l #	42
31) Cyclohexane	7.707	56	7822	1.522	ug/l #	12
36) 1,1-Dichloropropene	7.707	75	26402	5.818	ug/l #	49
37) Ethyl Acetate	6.896	43	21074	9.064	ug/l #	81
38) Carbon Tetrachloride	7.707	117	32697	6.390	ug/l #	17
76) 1,2,3-Trichloropropane	12.402	75	121065	66.875	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	121065	128.381	ug/l #	16

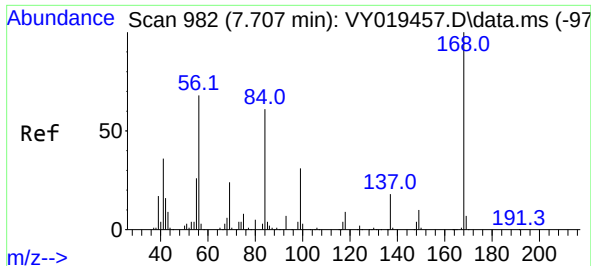
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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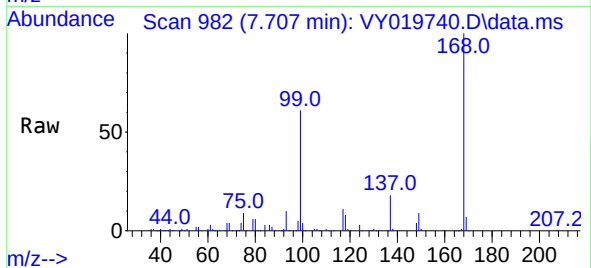
Quant Time: Oct 01 17:09:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
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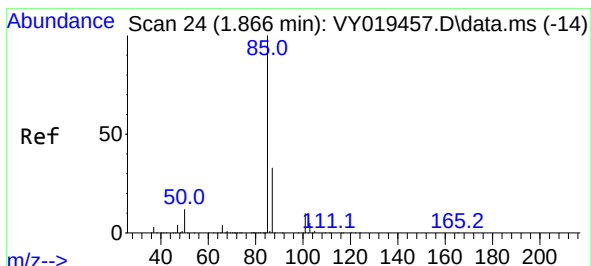
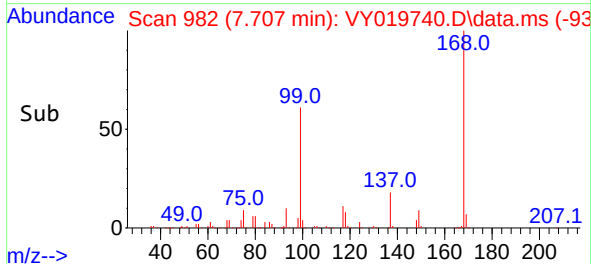
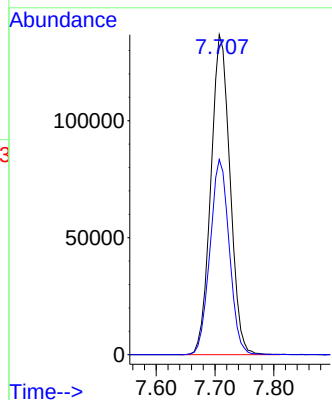


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

Instrument :
MSVOA_Y
ClientSampleId :

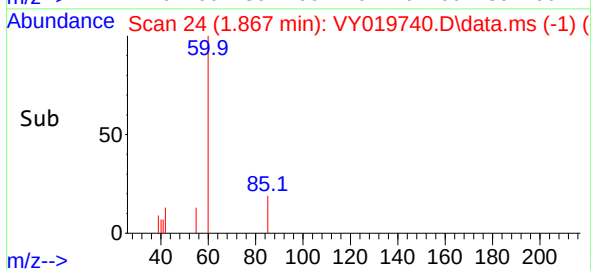
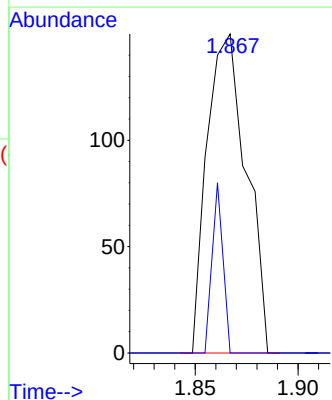
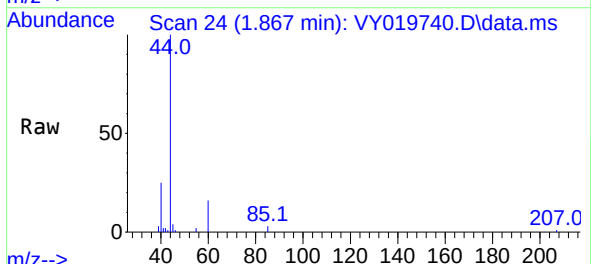


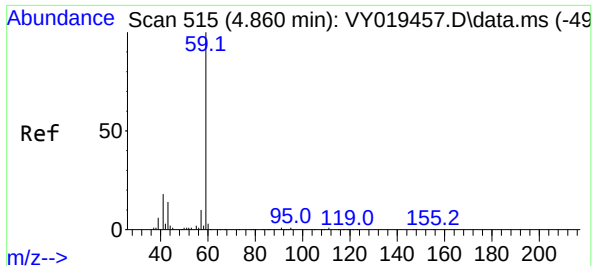
Tgt Ion:168 Resp: 310168
Ion Ratio Lower Upper
168 100
99 61.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.867 min Scan# 24
Delta R.T. 0.001 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

Tgt Ion: 85 Resp: 200
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 16.211 ug/l

RT: 4.842 min Scan# 51

Delta R.T. -0.018 min

Lab File: VY019740.D

Acq: 01 Oct 2024 14:51

Instrument :

MSVOA_Y

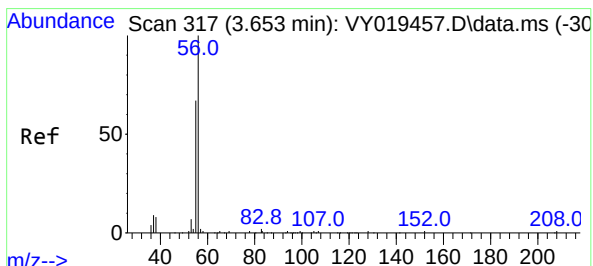
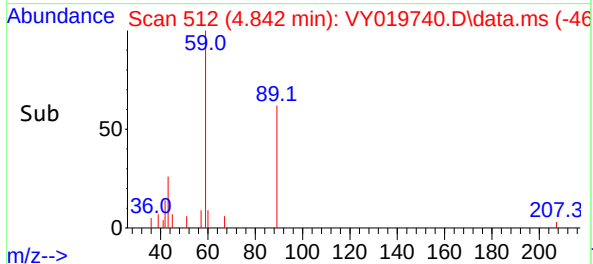
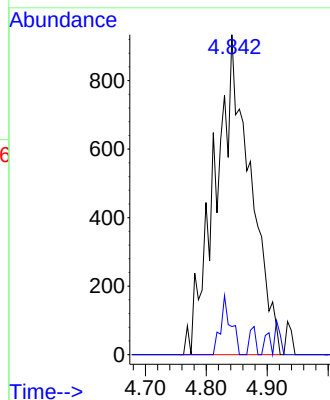
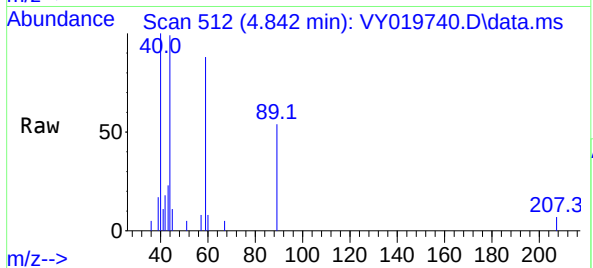
ClientSampleId :

Tgt Ion: 59 Resp: 3760

Ion Ratio Lower Upper

59 100

57 5.4 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.659 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY019740.D

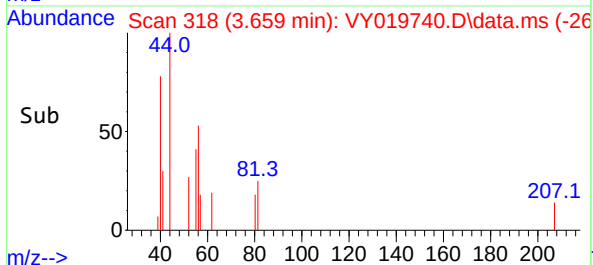
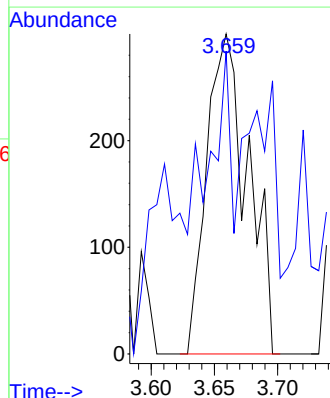
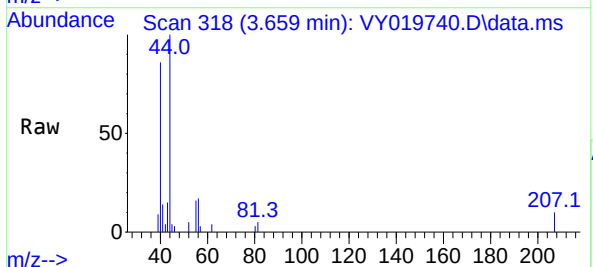
Acq: 01 Oct 2024 14:51

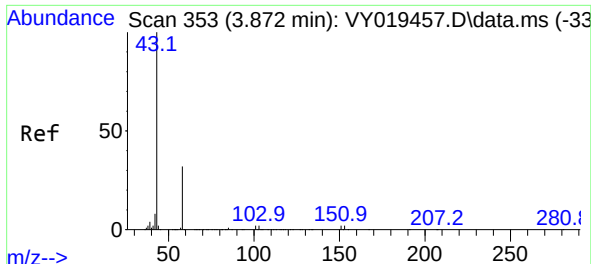
Tgt Ion: 56 Resp: 680

Ion Ratio Lower Upper

56 100

55 36.0 55.7 83.5#

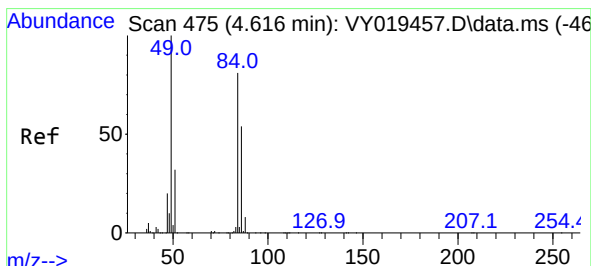
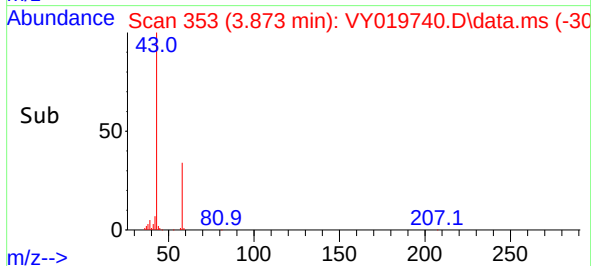
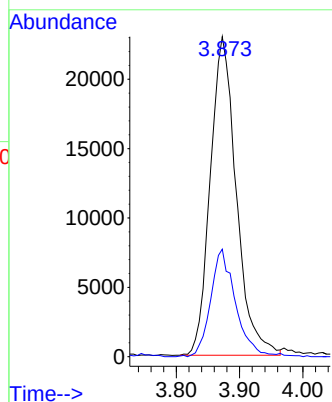
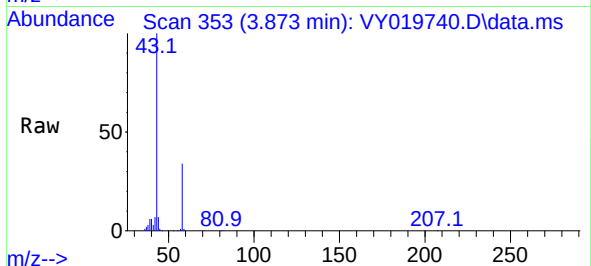




#16
Acetone
Concen: 96.010 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

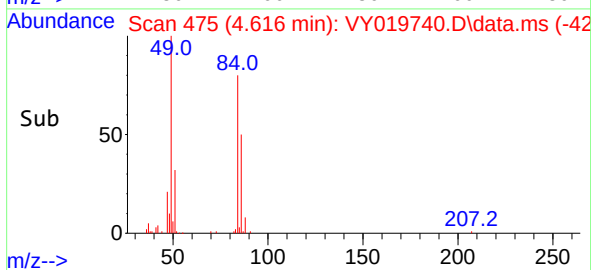
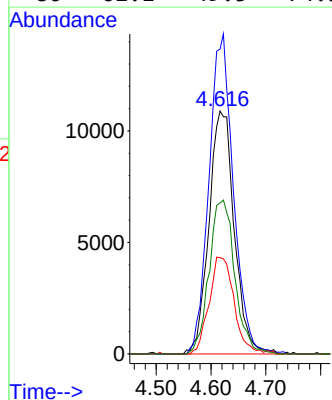
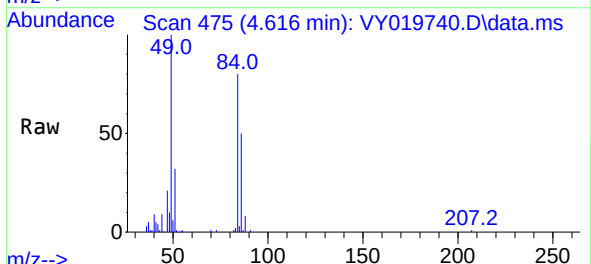
Instrument :
MSVOA_Y
ClientSampleId :

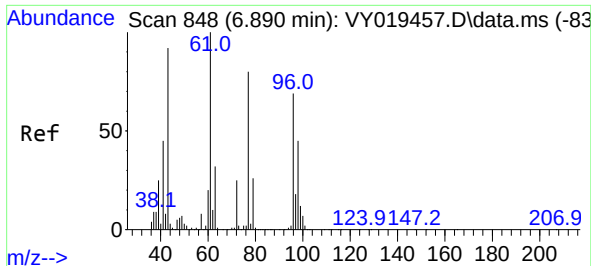
Tgt Ion: 43 Resp: 65693
Ion Ratio Lower Upper
43 100
58 33.5 31.7 47.5



#20
Methylene Chloride
Concen: 11.228 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

Tgt Ion: 84 Resp: 35037
Ion Ratio Lower Upper
84 100
49 125.5 84.4 126.6
51 39.7 26.0 39.0#
86 62.1 49.5 74.3

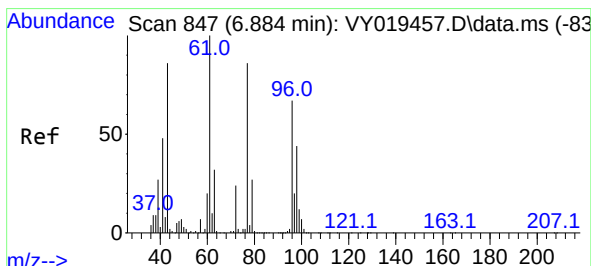
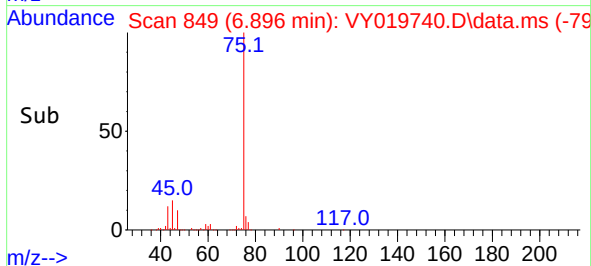
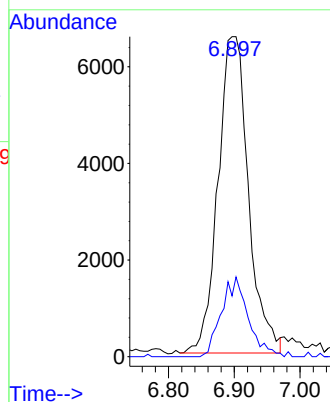
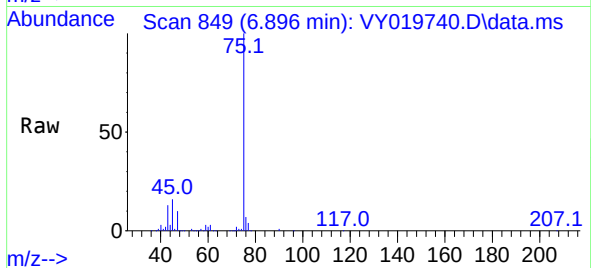




#25
2-Butanone
Concen: 21.655 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

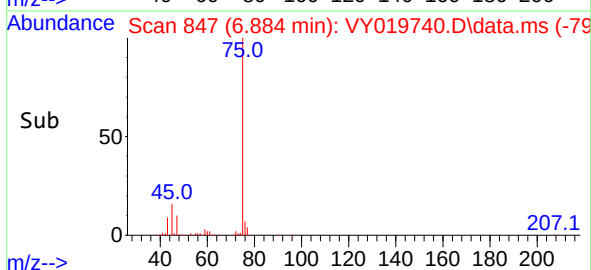
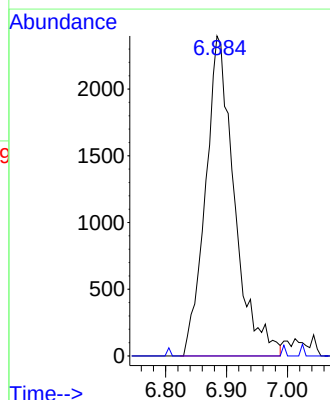
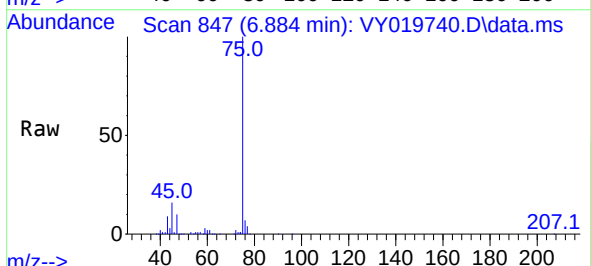
Instrument :
MSVOA_Y
ClientSampleId :

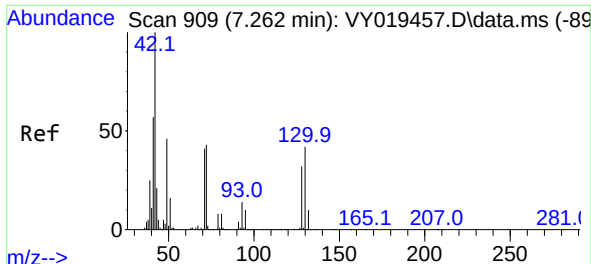
Tgt Ion: 43 Resp: 21074
Ion Ratio Lower Upper
43 100
72 19.2 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 1.538 ug/l
RT: 6.884 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

Tgt Ion: 77 Resp: 7888
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



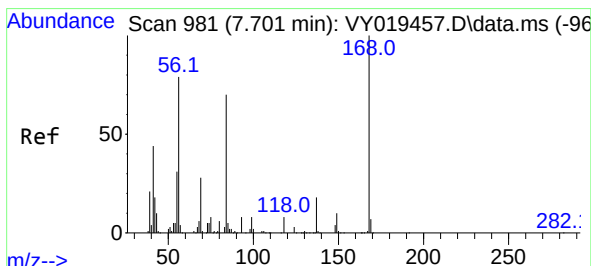
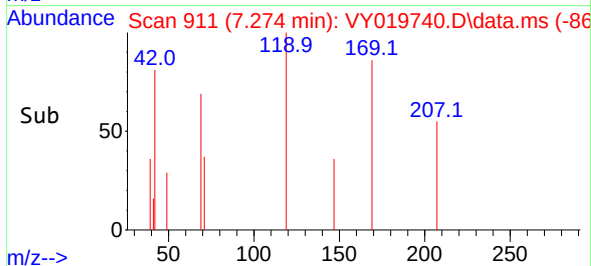
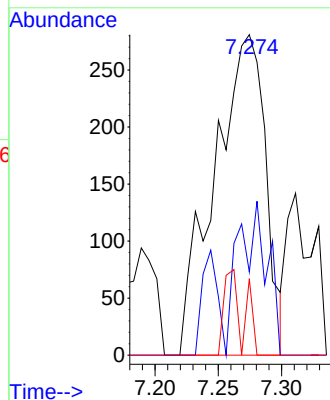
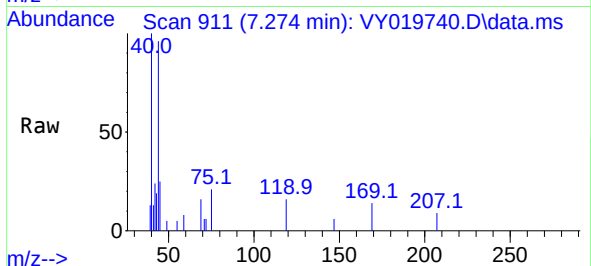


#29
Tetrahydrofuran
Concen: 1.333 ug/l
RT: 7.274 min Scan# 911
Delta R.T. 0.013 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 42 Resp: 789

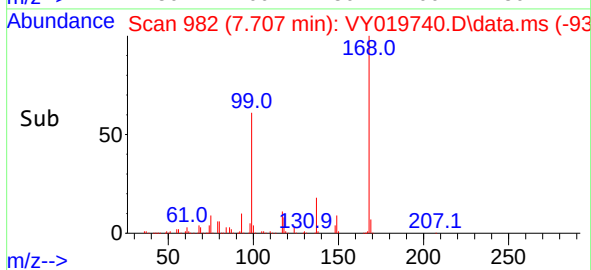
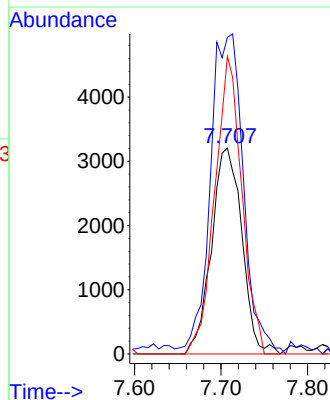
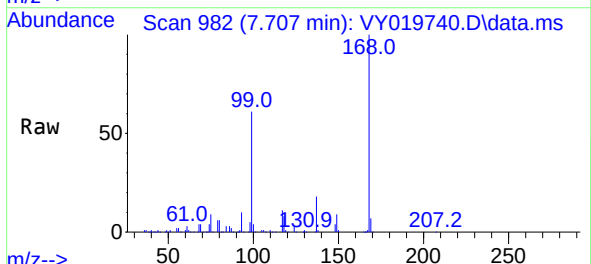
Ion	Ratio	Lower	Upper
42	100		
72	13.3	43.0	64.4#
71	9.9	40.8	61.2#

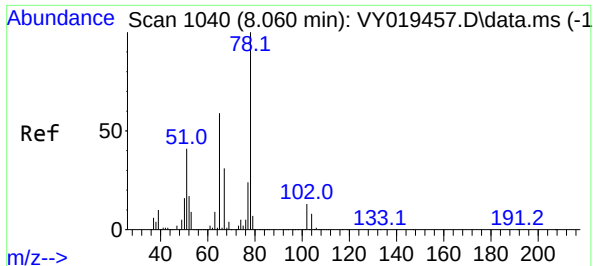


#31
Cyclohexane
Concen: 1.522 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.007 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

Tgt Ion: 56 Resp: 7822

Ion	Ratio	Lower	Upper
56	100		
69	150.9	28.7	43.1#
84	144.7	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 63.321 ug/l

RT: 8.061 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY019740.D

Acq: 01 Oct 2024 14:51

Instrument :

MSVOA_Y

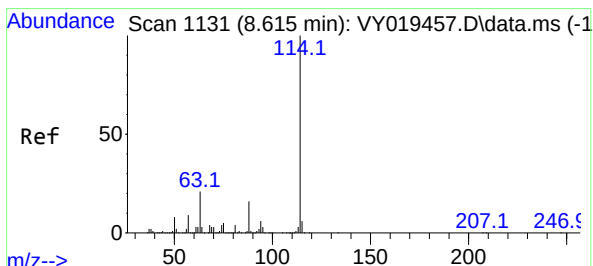
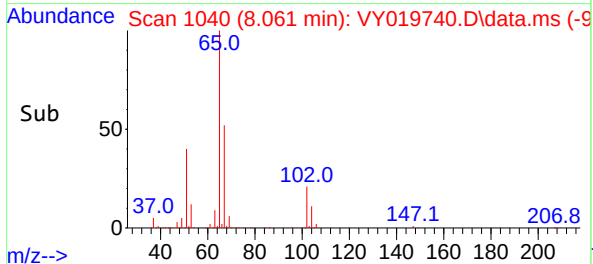
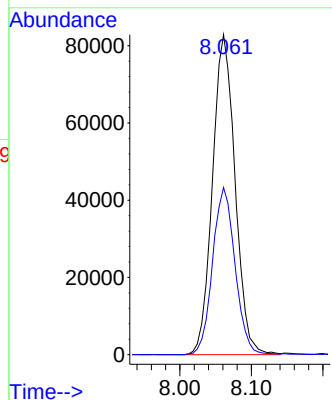
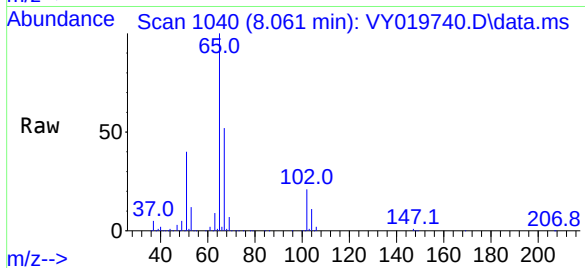
ClientSampleId :

Tgt Ion: 65 Resp: 181862

Ion Ratio Lower Upper

65 100

67 52.0 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: VY019740.D

Acq: 01 Oct 2024 14:51

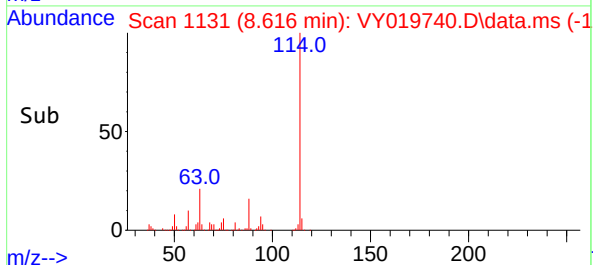
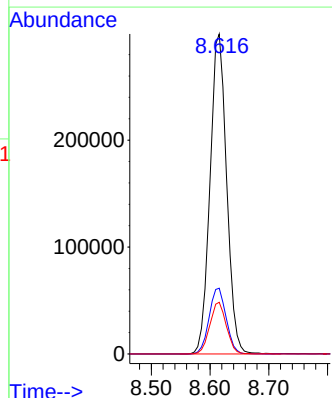
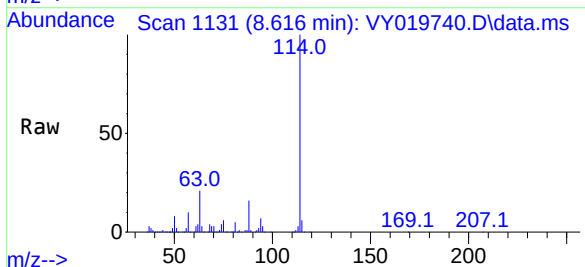
Tgt Ion: 114 Resp: 588173

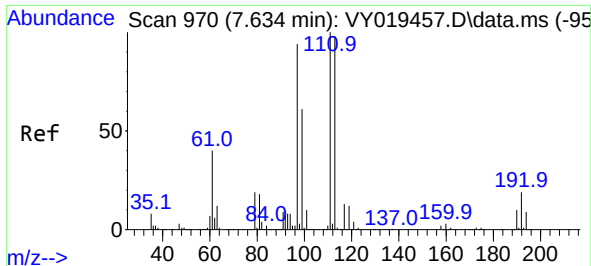
Ion Ratio Lower Upper

114 100

63 20.5 0.0 35.0

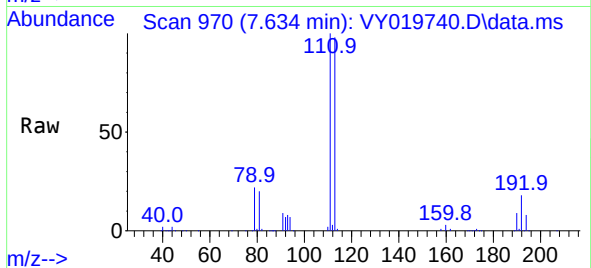
88 16.2 0.0 27.2



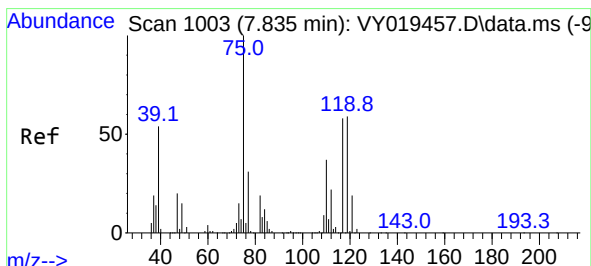
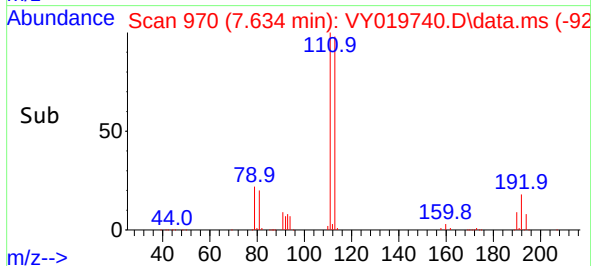
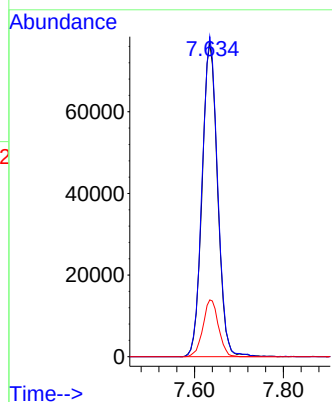


#35
Dibromofluoromethane
Concen: 55.826 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

Instrument :
MSVOA_Y
ClientSampleId :

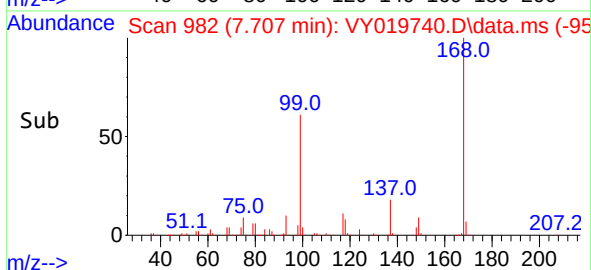
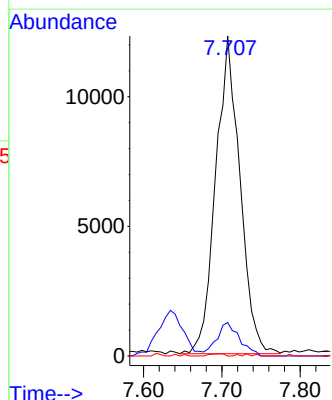
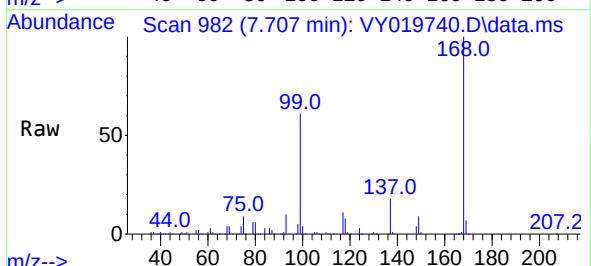


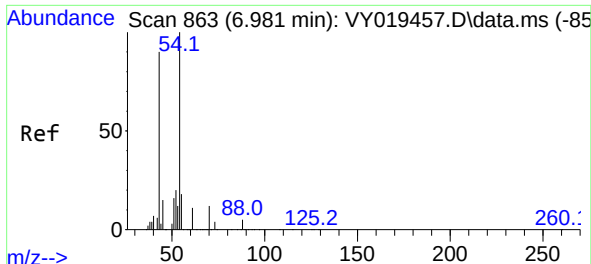
Tgt Ion:113 Resp: 186169
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 18.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.818 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

Tgt Ion: 75 Resp: 26402
Ion Ratio Lower Upper
75 100
110 9.8 19.0 57.0#
77 0.4 25.3 37.9#





#37

Ethyl Acetate

Concen: 9.064 ug/l

RT: 6.896 min Scan# 84

Delta R.T. -0.085 min

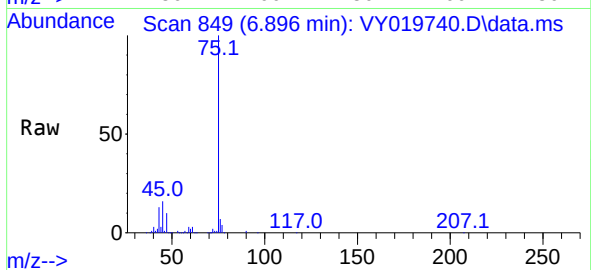
Lab File: VY019740.D

Acq: 01 Oct 2024 14:51

Instrument :

MSVOA_Y

ClientSampleId :



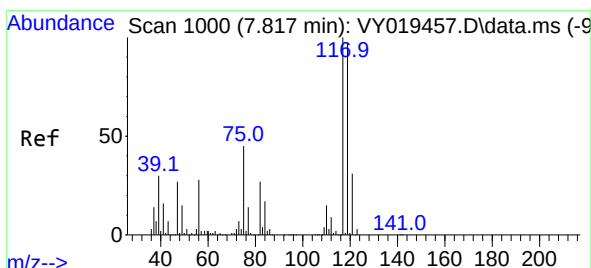
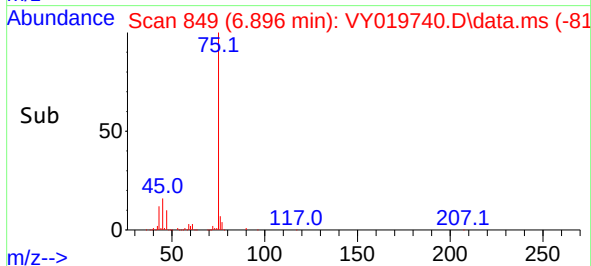
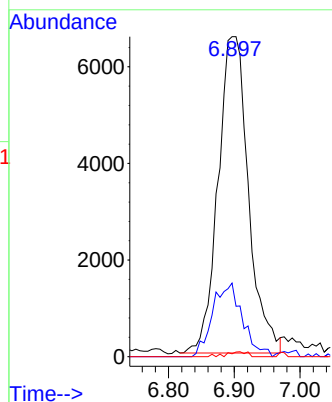
Tgt Ion: 43 Resp: 21074

Ion Ratio Lower Upper

43 100

61 22.8 12.6 19.0#

70 1.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 6.390 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY019740.D

Acq: 01 Oct 2024 14:51

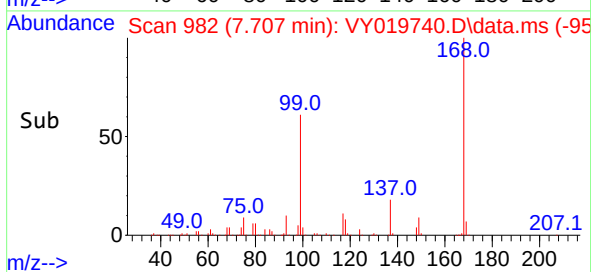
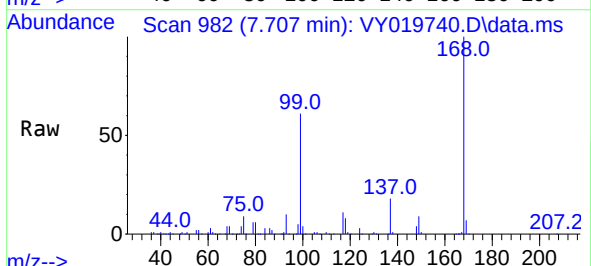
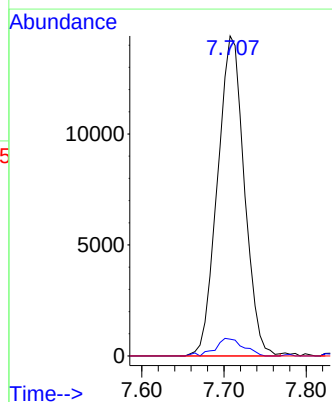
Tgt Ion: 117 Resp: 32697

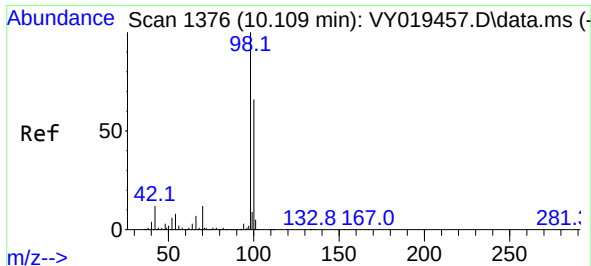
Ion Ratio Lower Upper

117 100

119 5.3 75.8 113.6#

121 0.0 24.0 36.0#

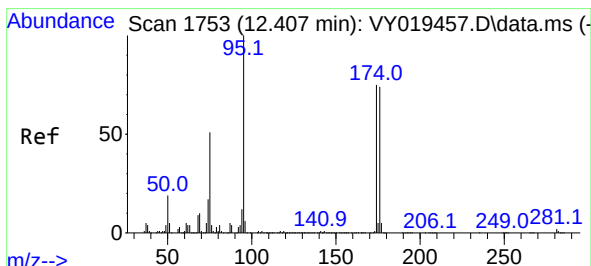
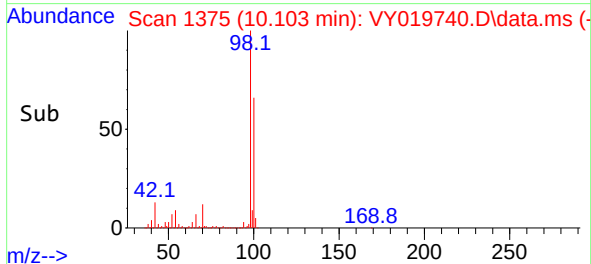
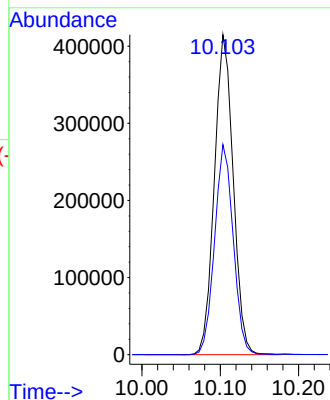
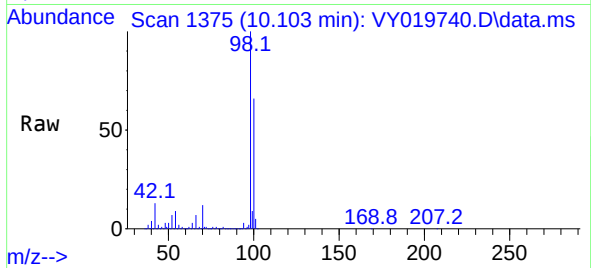




#50
Toluene-d8
Concen: 56.247 ug/l
RT: 10.103 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

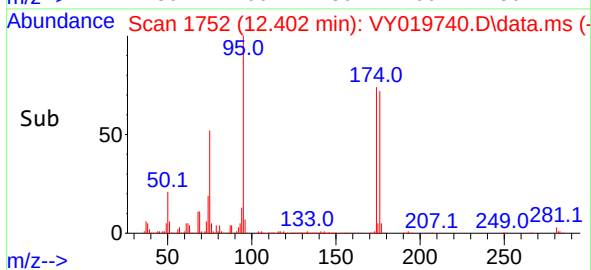
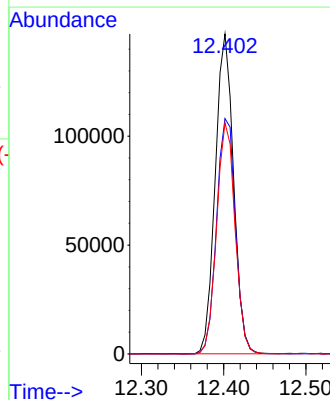
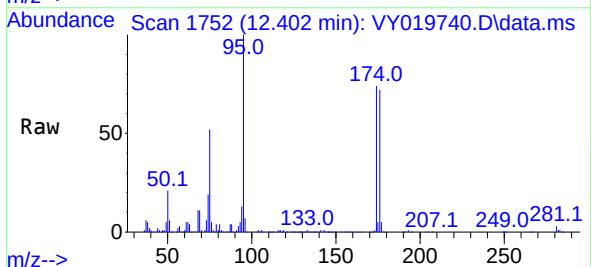
Instrument :
MSVOA_Y
ClientSampleId :

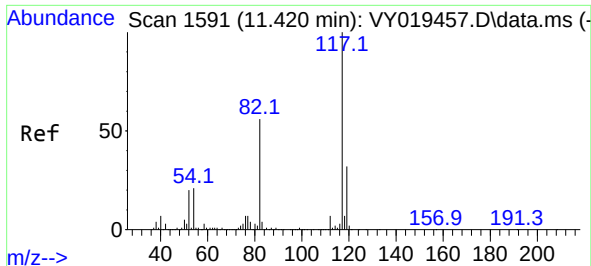
Tgt Ion: 98 Resp: 693799
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.726 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

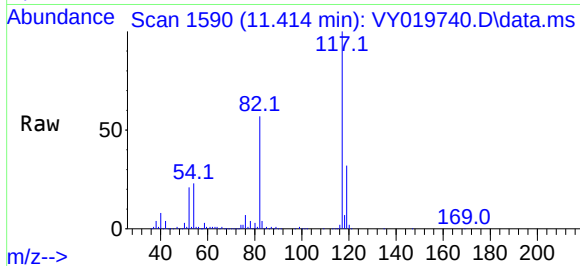
Tgt Ion: 95 Resp: 226358
Ion Ratio Lower Upper
95 100
174 76.2 0.0 175.6
176 73.0 0.0 171.4



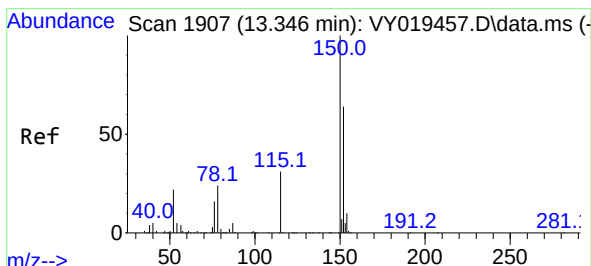
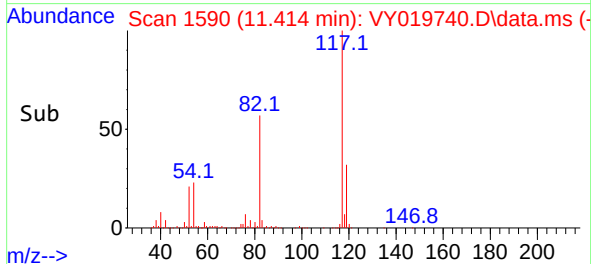
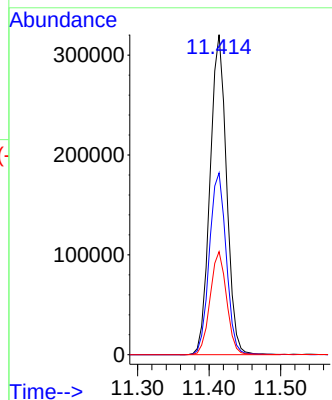


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

Instrument :
MSVOA_Y
ClientSampleId :

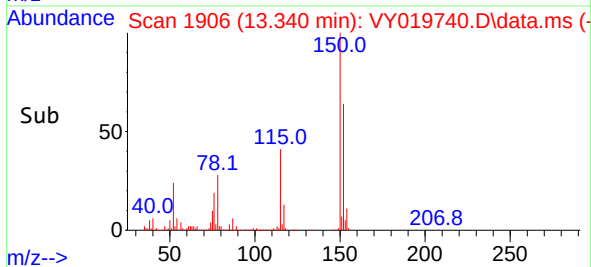
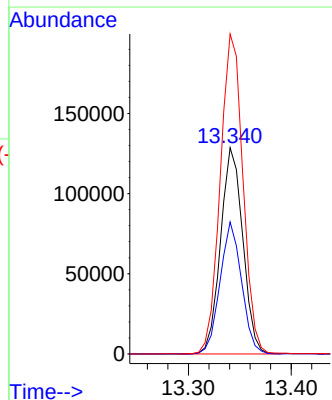
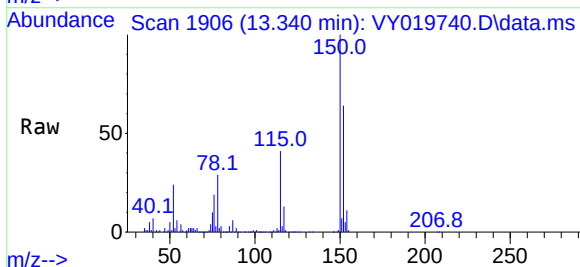


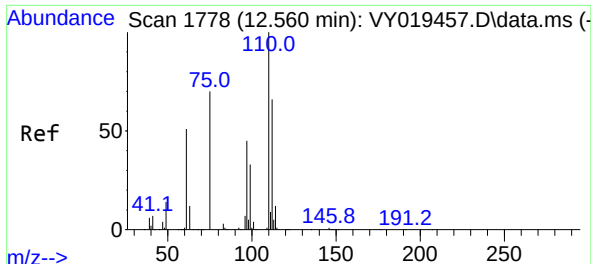
Tgt Ion:117 Resp: 514342
Ion Ratio Lower Upper
117 100
82 56.8 42.4 63.6
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

Tgt Ion:152 Resp: 193143
Ion Ratio Lower Upper
152 100
115 62.0 28.2 84.7
150 158.2 0.0 345.6

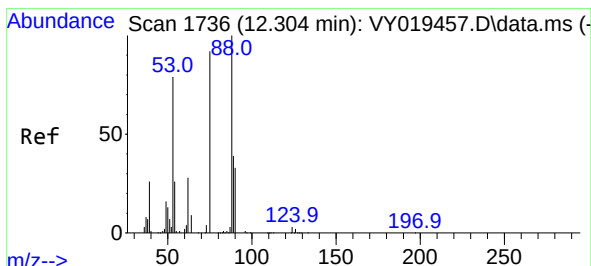
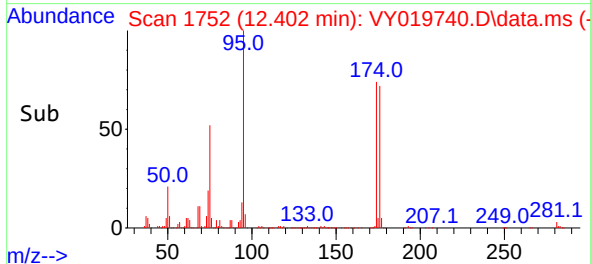
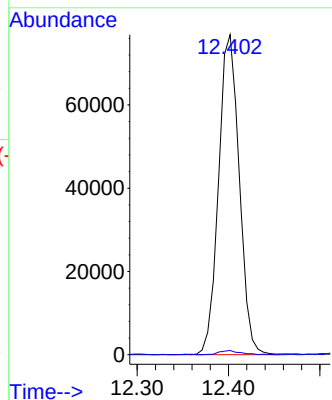
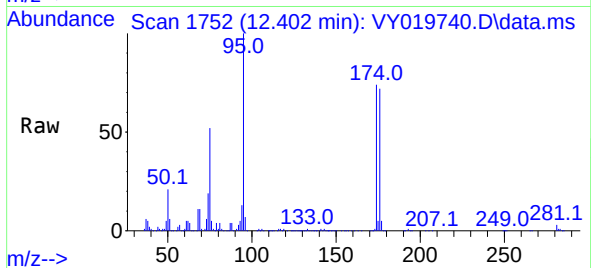




#76
1,2,3-Trichloropropane
Concen: 66.875 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 121065
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 128.381 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019740.D
Acq: 01 Oct 2024 14:51

Tgt Ion: 75 Resp: 121065
Ion Ratio Lower Upper
75 100
53 0.1 66.8 100.2#
89 0.2 35.8 53.6#

