

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091224\
 Data File : VY019526.D
 Acq On : 12 Sep 2024 14:37
 Operator : SY/MD
 Sample : P3947-03
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 13 01:31:36 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)

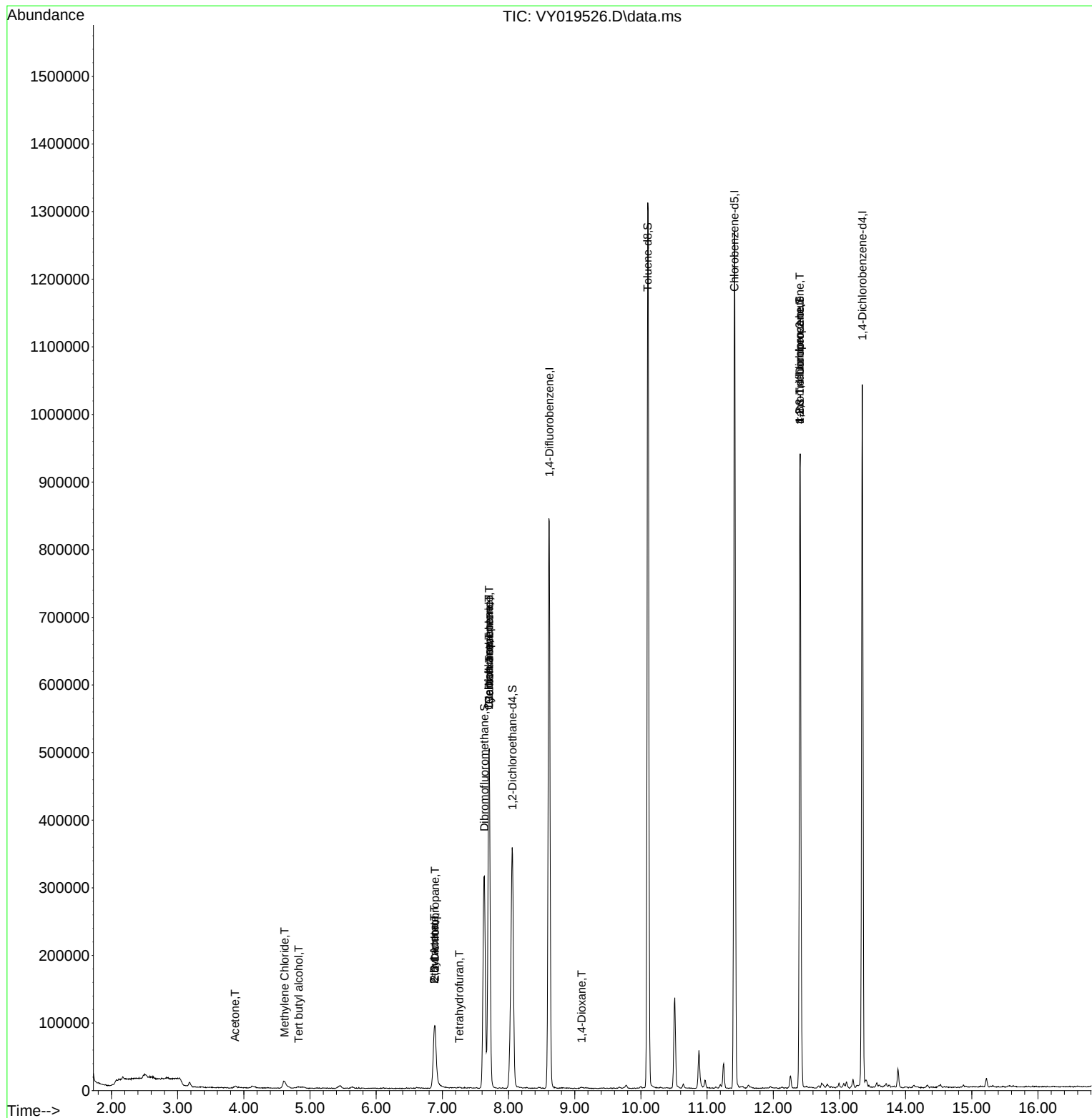
Internal Standards						
1) Pentafluorobenzene	7.707	168	370997	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	721629	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	648570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	246088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	234348	68.217	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 136.440%	
35) Dibromofluoromethane	7.634	113	229698	56.140	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.280%	
50) Toluene-d8	10.103	98	858198	56.708	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.420%	
62) 4-Bromofluorobenzene	12.402	95	286797	49.287	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.580%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	256	Below Cal	#	43
11) Tert butyl alcohol	4.830	59	553	1.993	ug/l #	1
13) Acrolein	3.678	56	438	Below Cal	#	15
16) Acetone	3.867	43	5429	6.633	ug/l #	80
20) Methylene Chloride	4.616	84	6903	1.849	ug/l #	83
25) 2-Butanone	6.878	43	6099	5.240	ug/l #	52
26) 2,2-Dichloropropane	6.890	77	7735	1.261	ug/l #	51
29) Tetrahydrofuran	7.256	42	714	1.009	ug/l #	75
31) Cyclohexane	7.701	56	9332	1.518	ug/l #	1
36) 1,1-Dichloropropene	7.701	75	32709	5.875	ug/l #	49
37) Ethyl Acetate	6.878	43	6095	2.137	ug/l #	4
38) Carbon Tetrachloride	7.707	117	40184	6.401	ug/l #	16
49) 1,4-Dioxane	9.103	88	27	1.000	ug/l #	55
76) 1,2,3-Trichloropropane	12.402	75	155087	67.237	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	155087	129.076	ug/l #	16

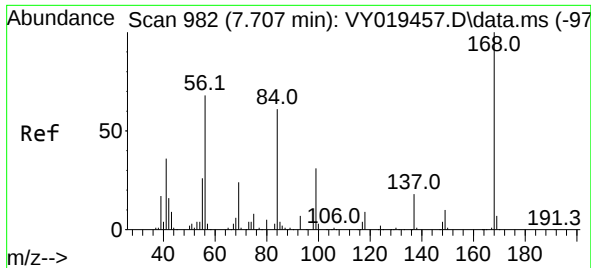
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

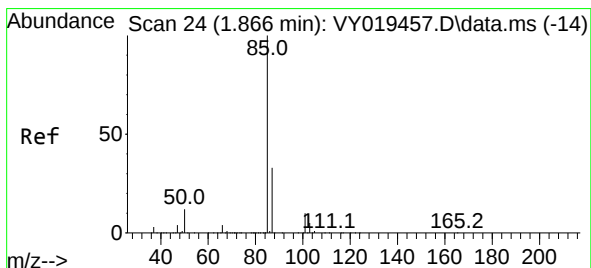
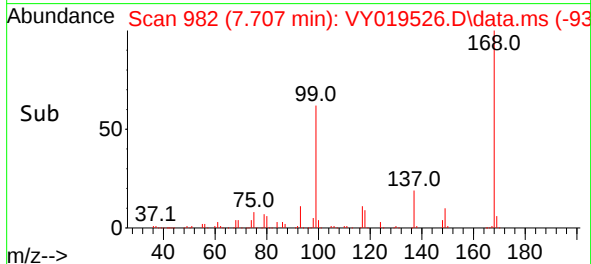
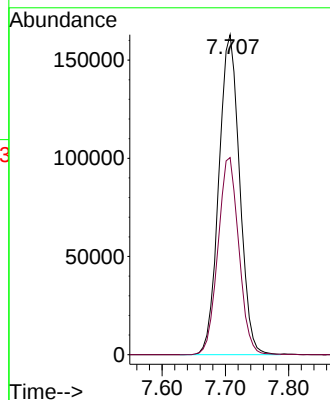
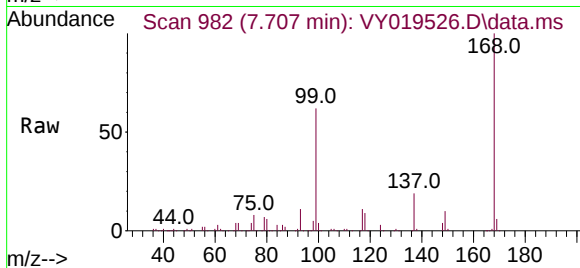




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019526.D
Acq: 12 Sep 2024 14:37

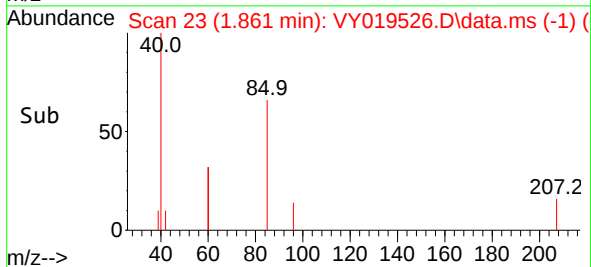
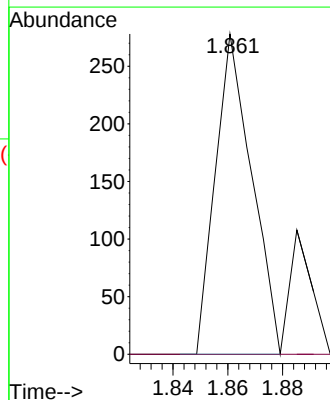
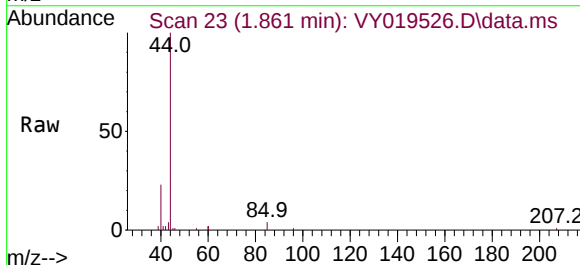
Instrument :
MSVOA_Y
ClientSampleId :

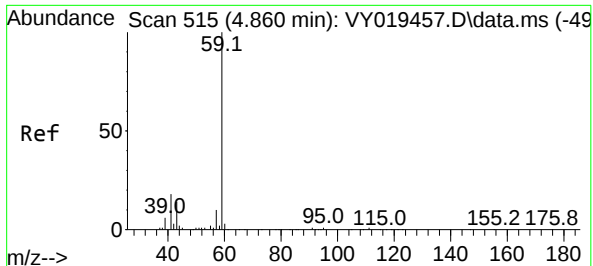
Tgt Ion:168 Resp: 370997
Ion Ratio Lower Upper
168 100
99 61.6 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019526.D
Acq: 12 Sep 2024 14:37

Tgt Ion: 85 Resp: 256
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 1.993 ug/l

RT: 4.830 min Scan# 51

Delta R.T. -0.030 min

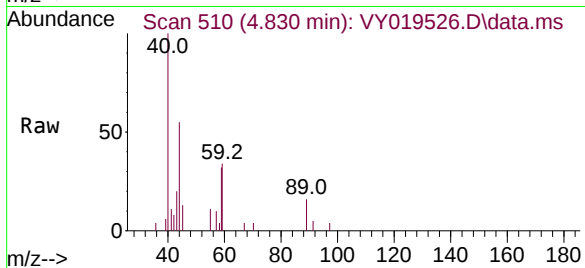
Lab File: VY019526.D

Acq: 12 Sep 2024 14:37

Instrument :

MSVOA_Y

ClientSampleId :

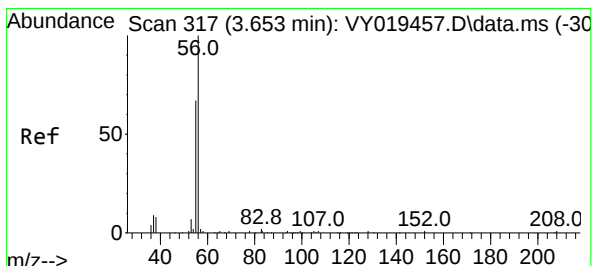
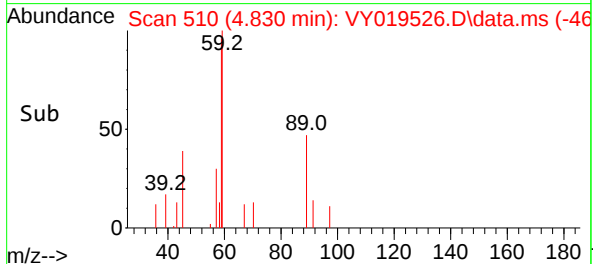
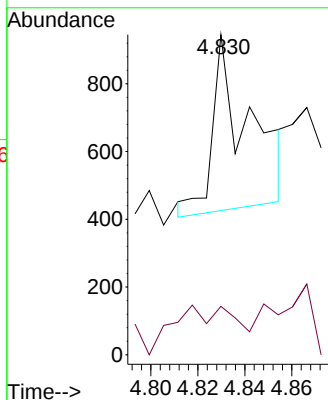


Tgt Ion: 59 Resp: 553

Ion Ratio Lower Upper

59 100

57 49.0 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.678 min Scan# 321

Delta R.T. 0.025 min

Lab File: VY019526.D

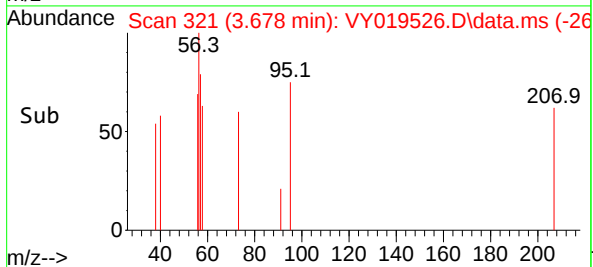
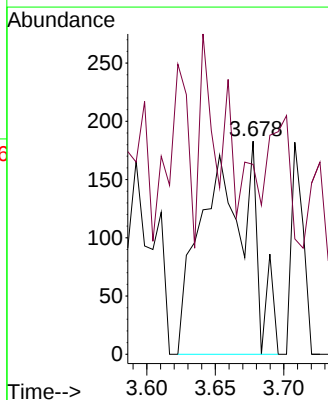
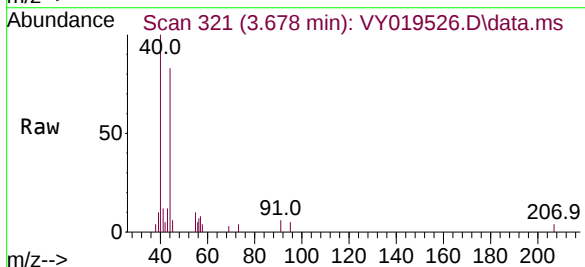
Acq: 12 Sep 2024 14:37

Tgt Ion: 56 Resp: 438

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#

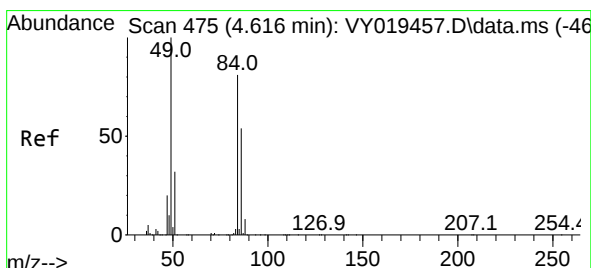
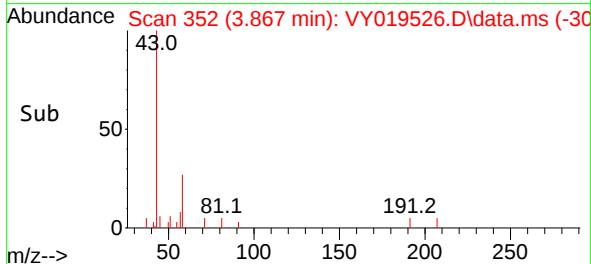
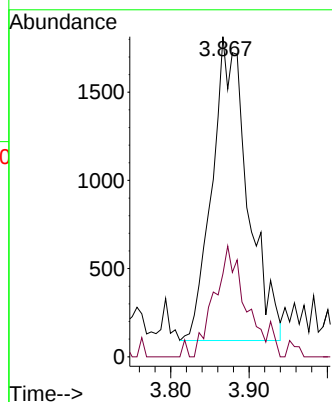
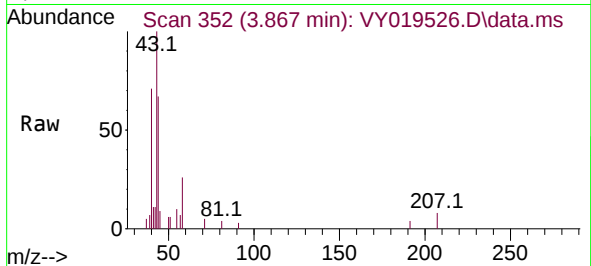




#16
Acetone
Concen: 6.633 ug/l
RT: 3.867 min Scan# 316
Delta R.T. -0.006 min
Lab File: VY019526.D
Acq: 12 Sep 2024 14:37

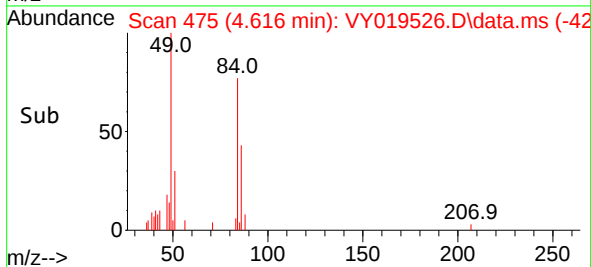
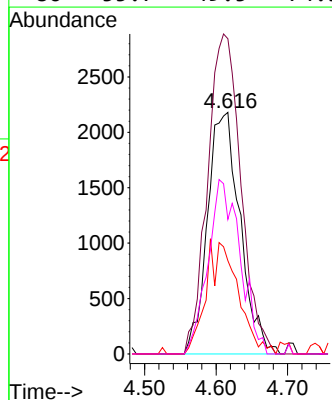
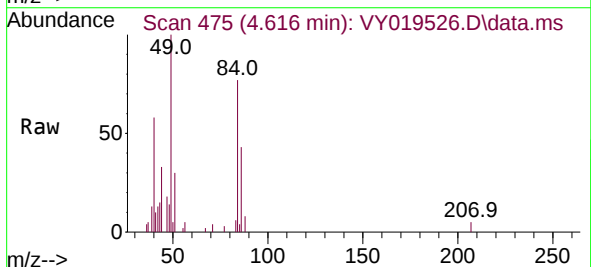
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 5429
Ion Ratio Lower Upper
43 100
58 27.3 31.7 47.5#



#20
Methylene Chloride
Concen: 1.849 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019526.D
Acq: 12 Sep 2024 14:37

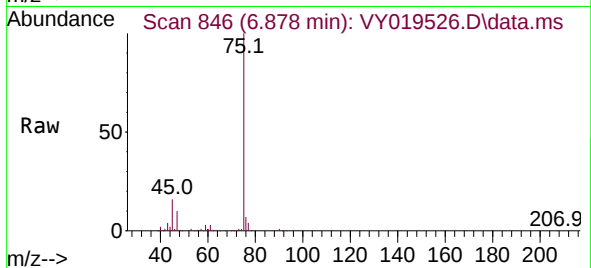
Tgt Ion: 84 Resp: 6903
Ion Ratio Lower Upper
84 100
49 130.5 84.4 126.6#
51 38.6 26.0 39.0
86 55.7 49.5 74.3



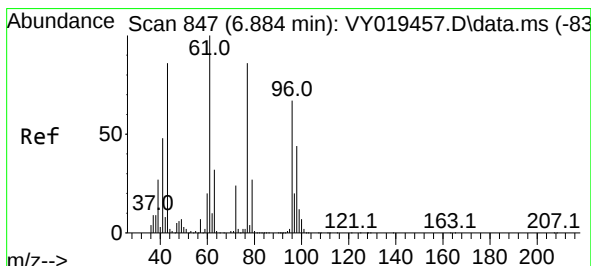
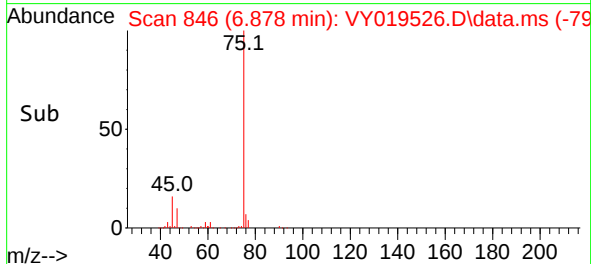
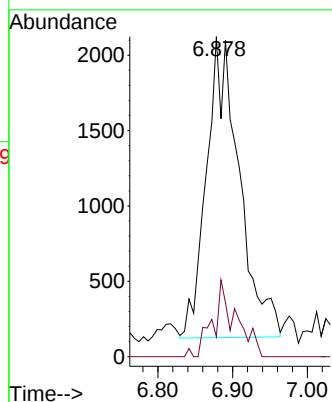


#25
2-Butanone
Concen: 5.240 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.012 min
Lab File: VY019526.D
Acq: 12 Sep 2024 14:37

Instrument :
MSVOA_Y
ClientSampleId :

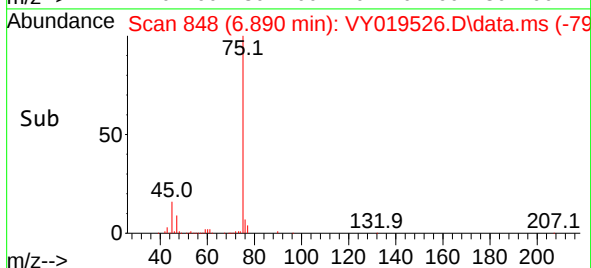
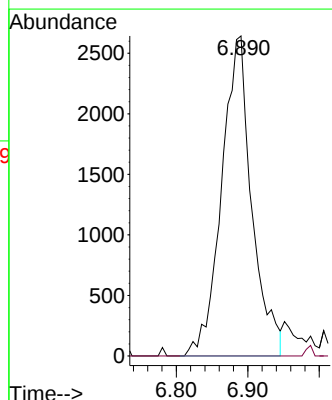
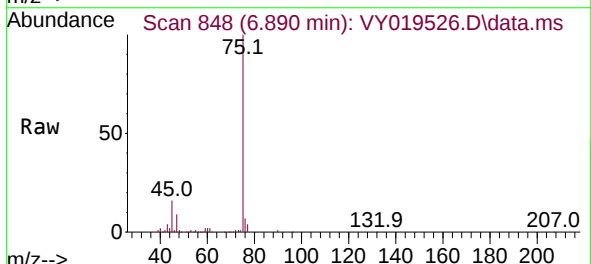


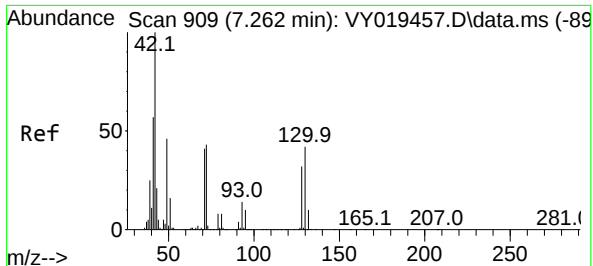
Tgt Ion: 43 Resp: 6099
Ion Ratio Lower Upper
43 100
72 6.7 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 1.261 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.007 min
Lab File: VY019526.D
Acq: 12 Sep 2024 14:37

Tgt Ion: 77 Resp: 7735
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#

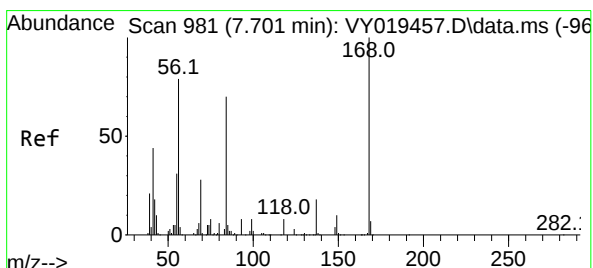
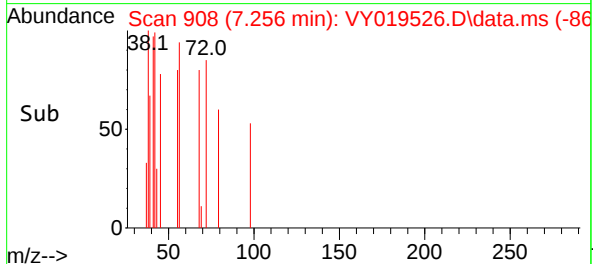
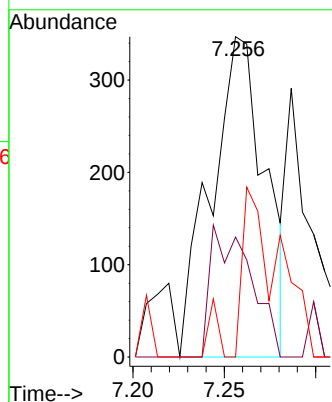
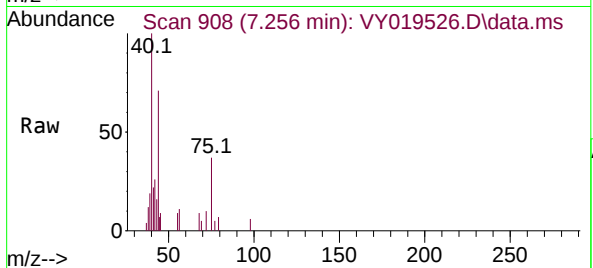




#29
Tetrahydrofuran
Concen: 1.009 ug/l
RT: 7.256 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY019526.D
Acq: 12 Sep 2024 14:37

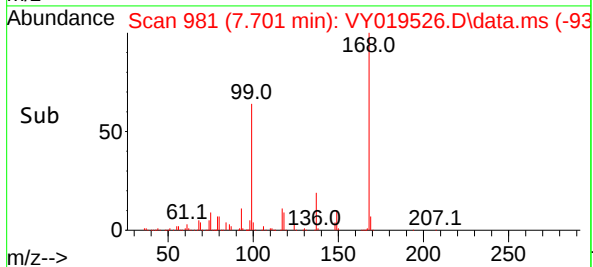
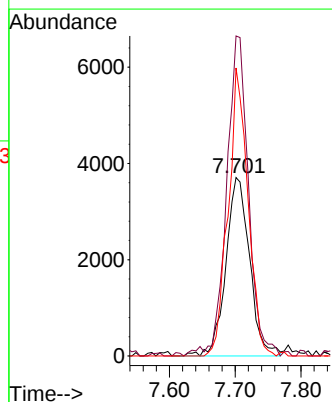
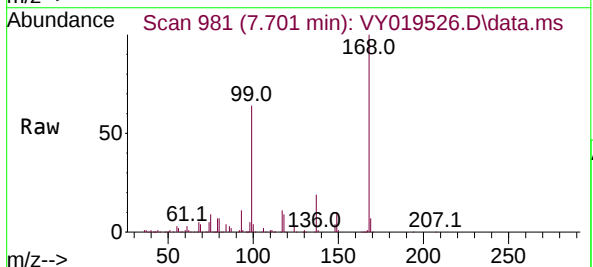
Instrument :
MSVOA_Y
ClientSampleId :

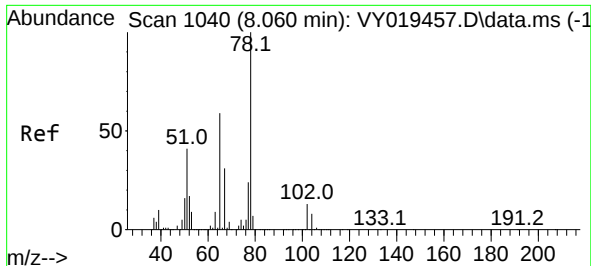
Tgt Ion: 42 Resp: 714
Ion Ratio Lower Upper
42 100
72 30.5 43.0 64.4#
71 38.5 40.8 61.2#



#31
Cyclohexane
Concen: 1.518 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019526.D
Acq: 12 Sep 2024 14:37

Tgt Ion: 56 Resp: 9332
Ion Ratio Lower Upper
56 100
69 179.3 28.7 43.1#
84 161.4 77.7 116.5#

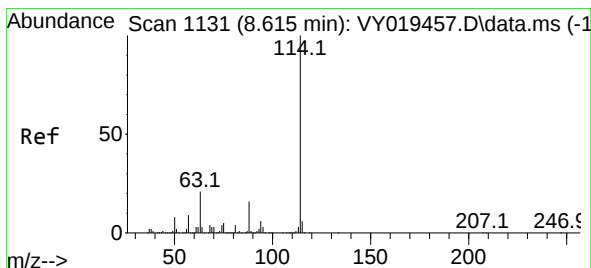
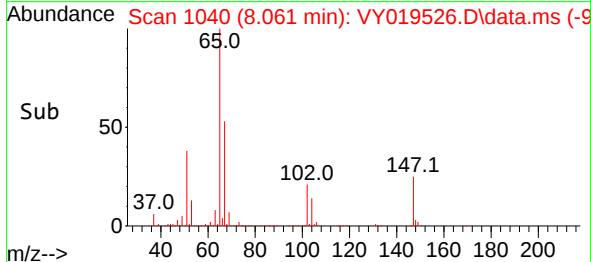
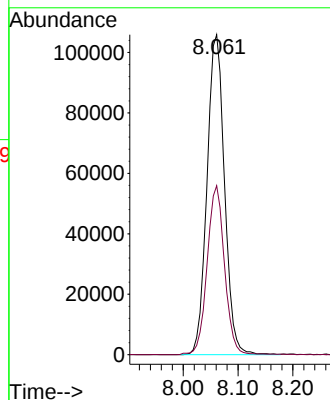
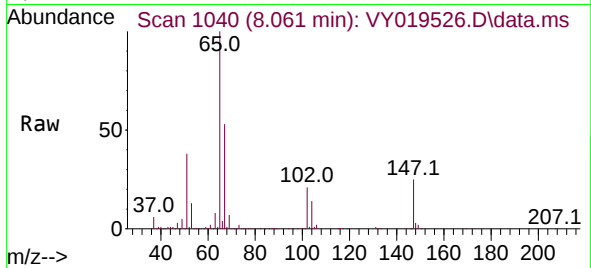




#33
 1,2-Dichloroethane-d4
 Concen: 68.217 ug/l
 RT: 8.061 min Scan# 1104
 Delta R.T. 0.000 min
 Lab File: VY019526.D
 Acq: 12 Sep 2024 14:37

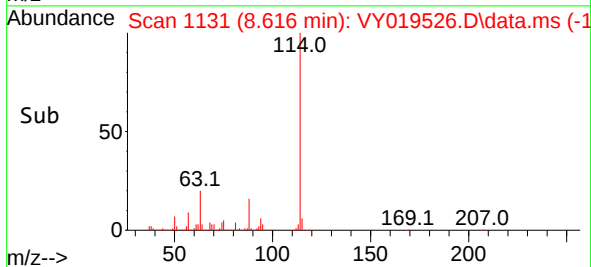
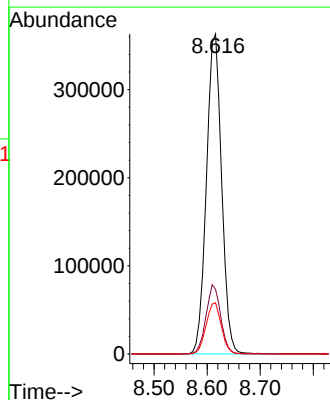
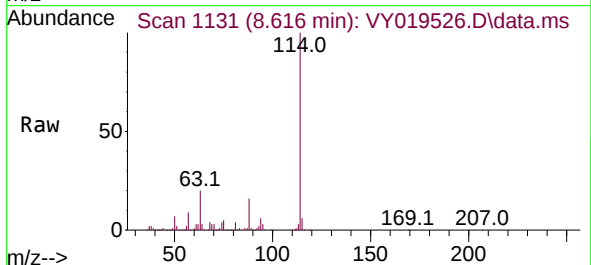
Instrument :
 MSVOA_Y
 ClientSampleId :

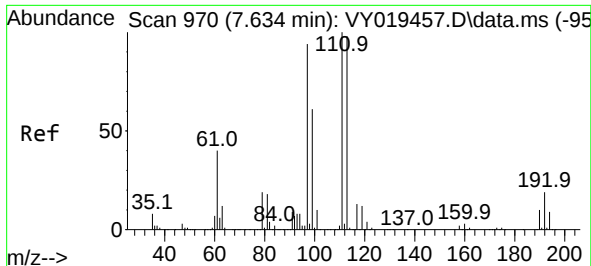
Tgt Ion: 65 Resp: 234348
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VY019526.D
 Acq: 12 Sep 2024 14:37

Tgt Ion: 114 Resp: 721629
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 35.0
 88 16.0 0.0 27.2

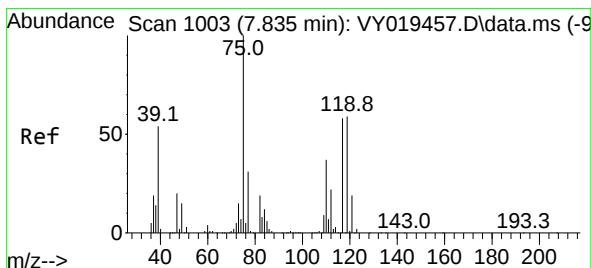
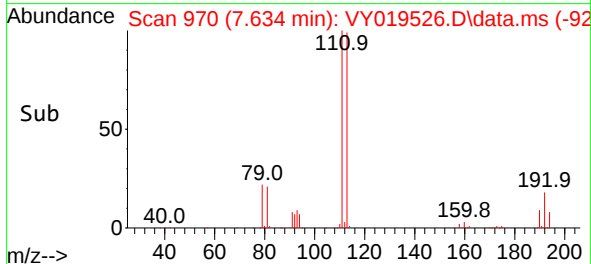
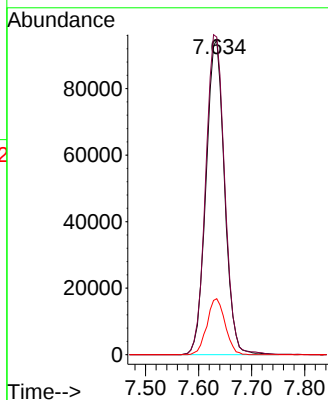
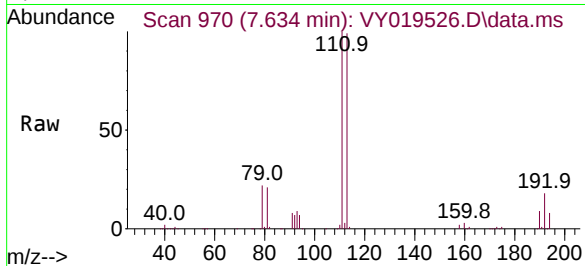




#35
Dibromofluoromethane
Concen: 56.140 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019526.D
Acq: 12 Sep 2024 14:37

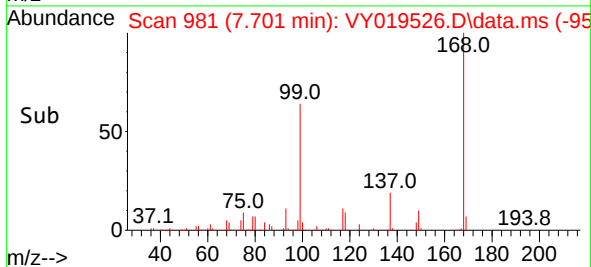
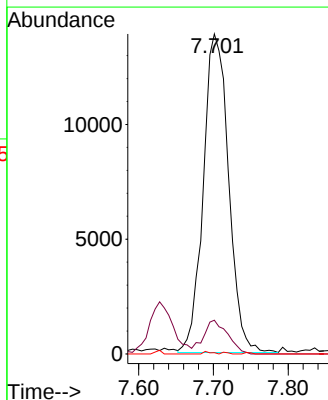
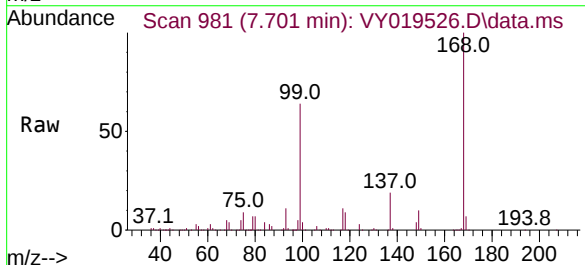
Instrument :
MSVOA_Y
ClientSampleId :

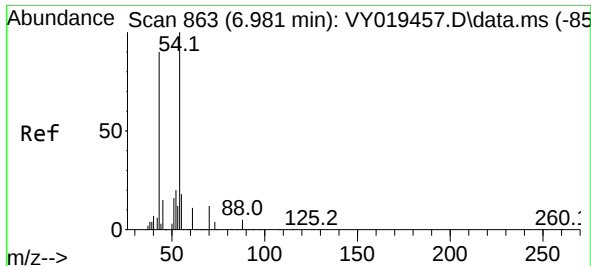
Tgt Ion:113 Resp: 229698
Ion Ratio Lower Upper
113 100
111 104.0 82.2 123.4
192 17.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.875 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019526.D
Acq: 12 Sep 2024 14:37

Tgt Ion: 75 Resp: 32709
Ion Ratio Lower Upper
75 100
110 10.1 19.0 57.0#
77 0.2 25.3 37.9#





#37

Ethyl Acetate

Concen: 2.137 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.103 min

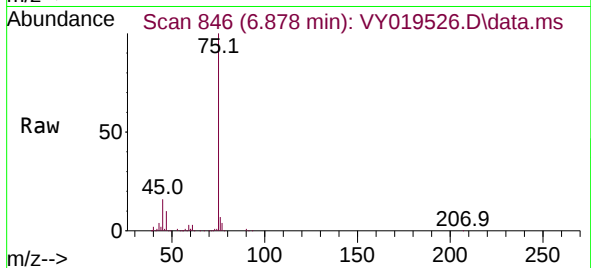
Lab File: VY019526.D

Acq: 12 Sep 2024 14:37

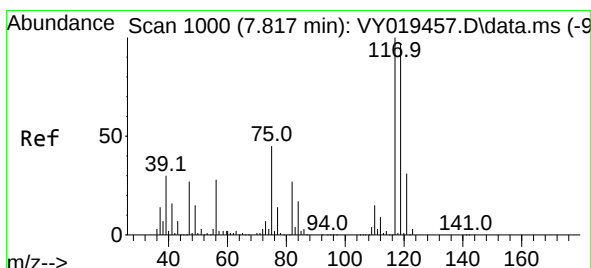
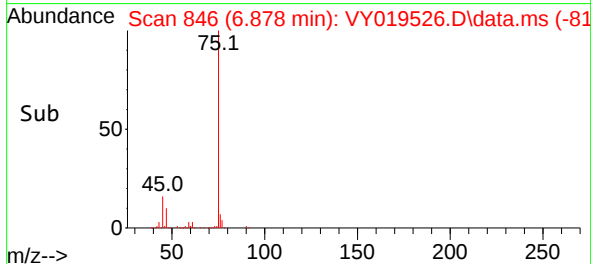
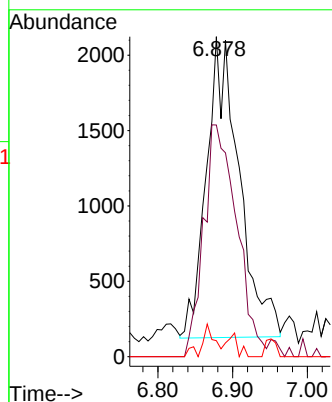
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	6095
Ion	Ratio	Lower	Upper
43	100		
61	77.4	12.6	19.0#
70	4.2	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 6.401 ug/l

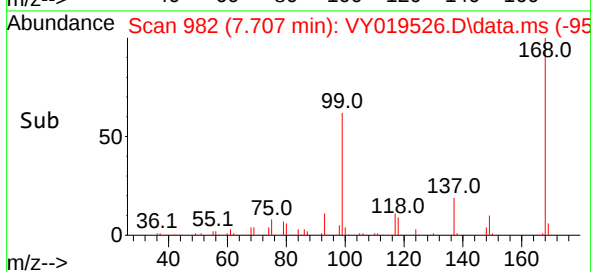
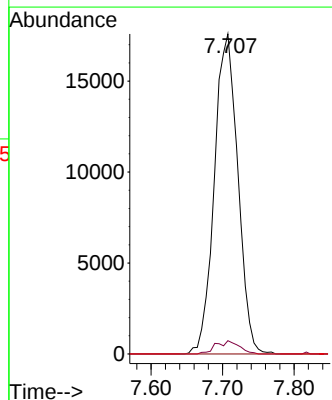
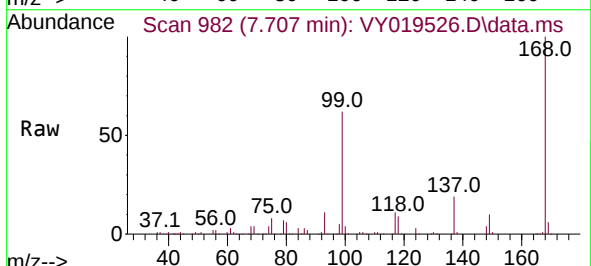
RT: 7.707 min Scan# 982

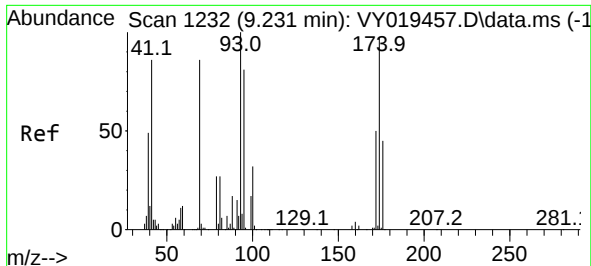
Delta R.T. -0.109 min

Lab File: VY019526.D

Acq: 12 Sep 2024 14:37

Tgt Ion:	117	Resp:	40184
Ion	Ratio	Lower	Upper
117	100		
119	4.2	75.8	113.6#
121	0.0	24.0	36.0#

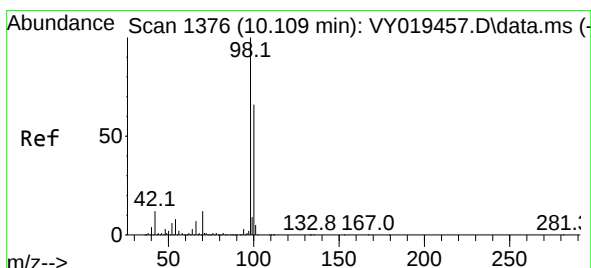
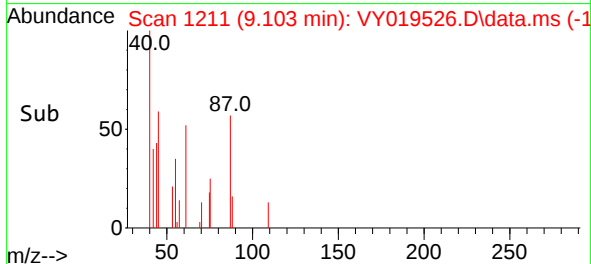
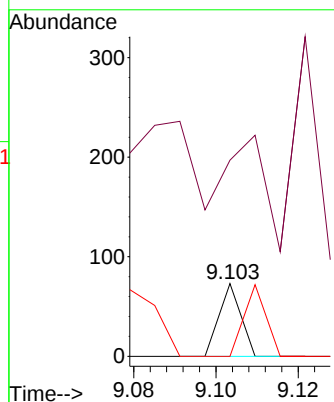
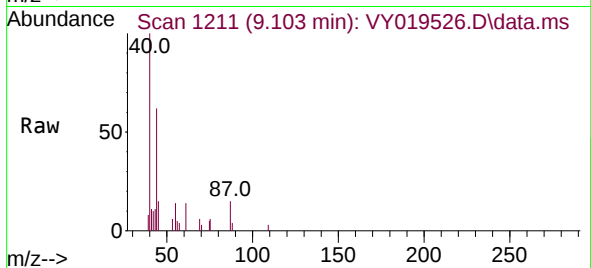




#49
1,4-Dioxane
Concen: 1.000 ug/l
RT: 9.103 min Scan# 11
Delta R.T. -0.128 min
Lab File: VY019526.D
Acq: 12 Sep 2024 14:37

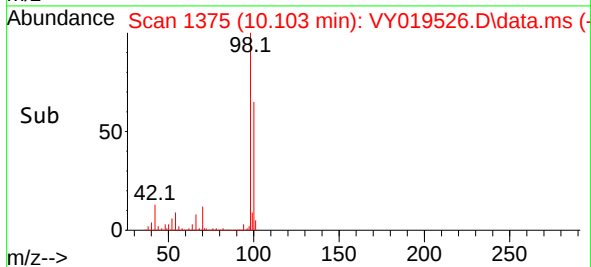
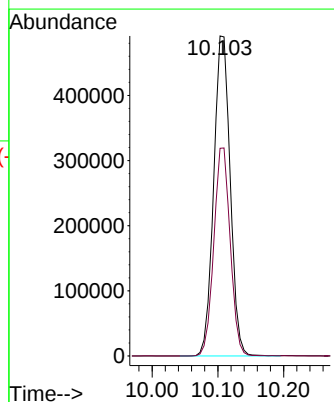
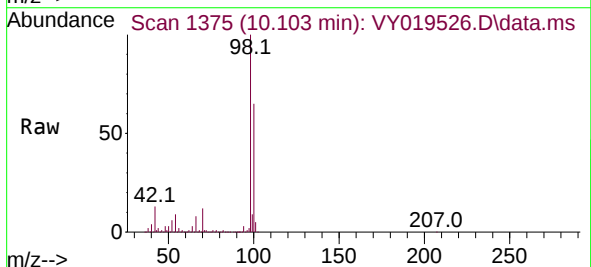
Instrument :
MSVOA_Y
ClientSampleId :

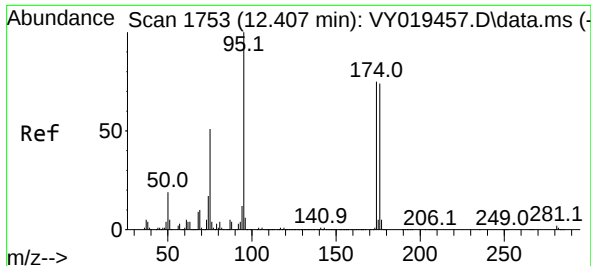
Tgt Ion: 88 Resp: 27
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 96.3 49.3 73.9#



#50
Toluene-d8
Concen: 56.708 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019526.D
Acq: 12 Sep 2024 14:37

Tgt Ion: 98 Resp: 858198
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

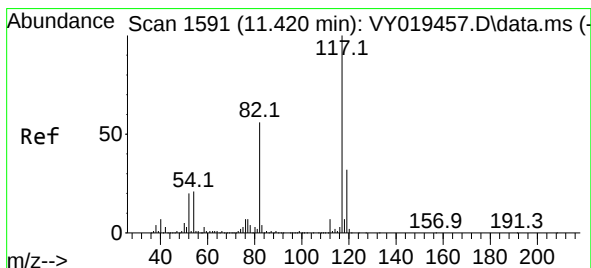
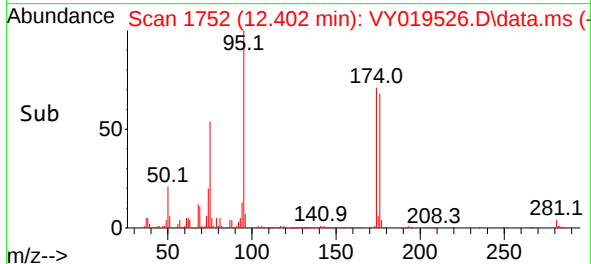
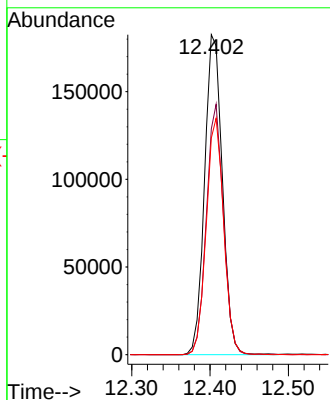
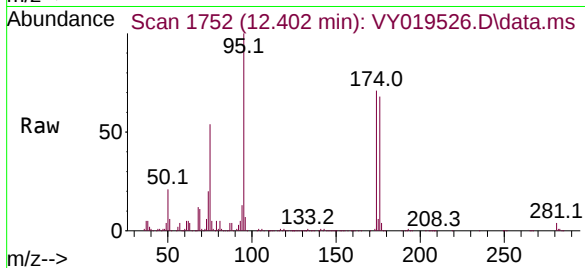




#62
4-Bromofluorobenzene
Concen: 49.287 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019526.D
Acq: 12 Sep 2024 14:37

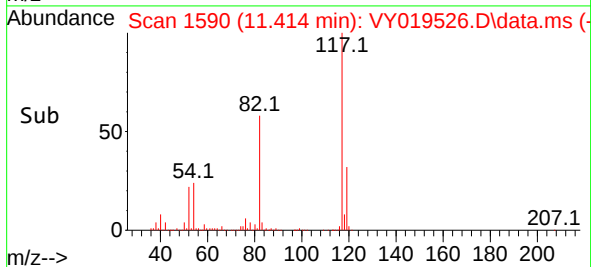
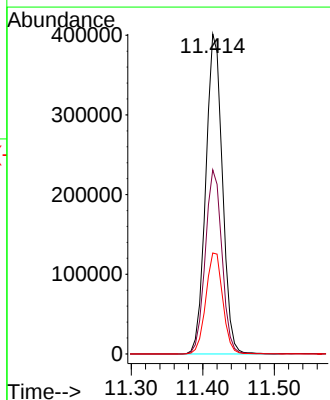
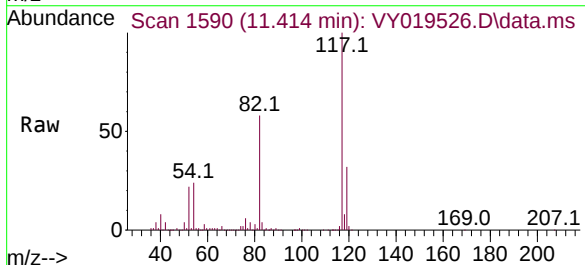
Instrument :
MSVOA_Y
ClientSampleId :

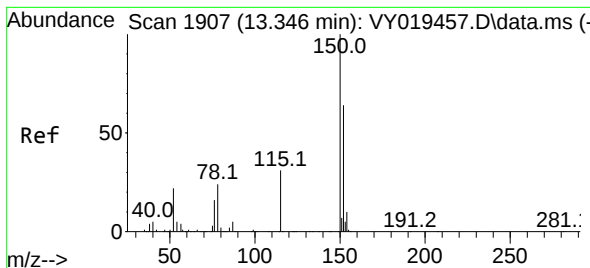
Tgt Ion: 95 Resp: 286797
Ion Ratio Lower Upper
95 100
174 75.2 0.0 175.6
176 72.6 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019526.D
Acq: 12 Sep 2024 14:37

Tgt Ion: 117 Resp: 648570
Ion Ratio Lower Upper
117 100
82 57.6 42.4 63.6
119 31.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY019526.D

Acq: 12 Sep 2024 14:37

Instrument :

MSVOA_Y

ClientSampleId :

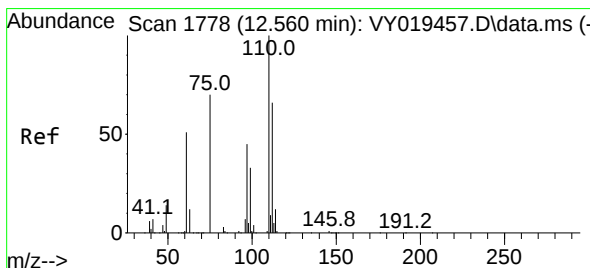
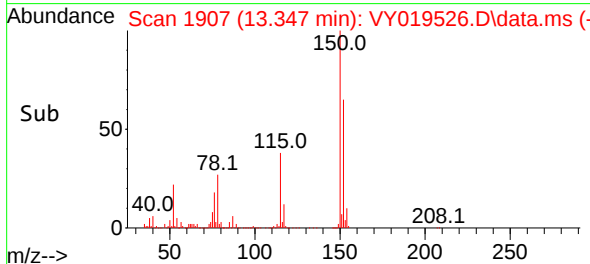
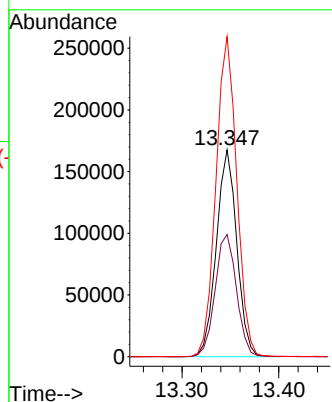
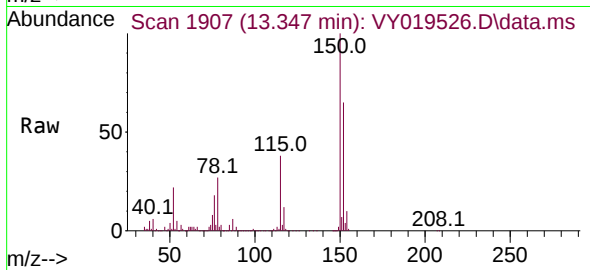
Tgt Ion:152 Resp: 246088

Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 157.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 67.237 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019526.D

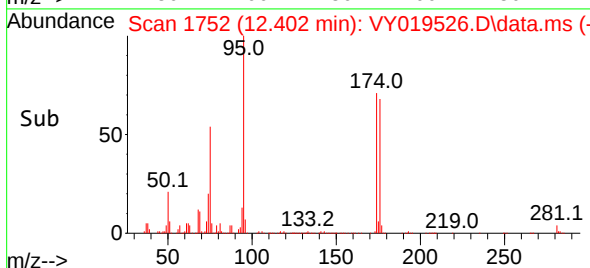
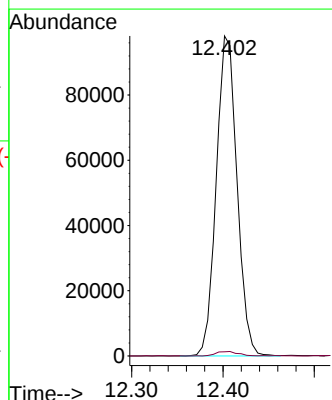
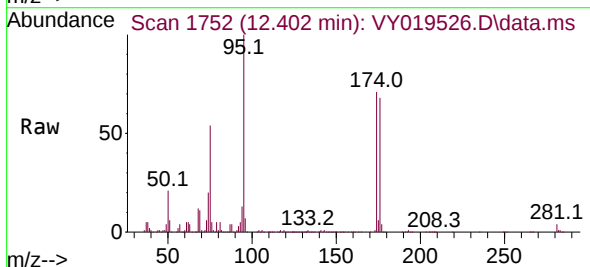
Acq: 12 Sep 2024 14:37

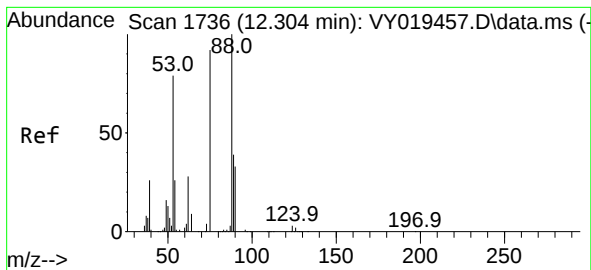
Tgt Ion: 75 Resp: 155087

Ion Ratio Lower Upper

75 100

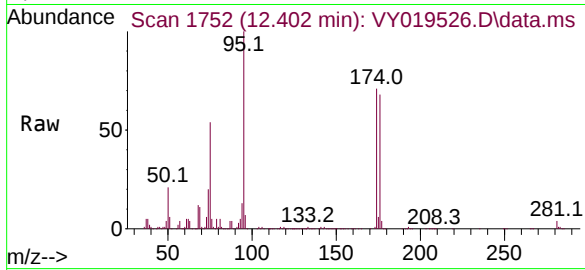
77 1.5 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 129.076 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019526.D
Acq: 12 Sep 2024 14:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 75 Resp: 155087
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

