

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019700.D
 Acq On : 25 Sep 2024 17:11
 Operator : SY/MD
 Sample : P4149-14
 Misc : 4.79g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 26 04:03:12 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)

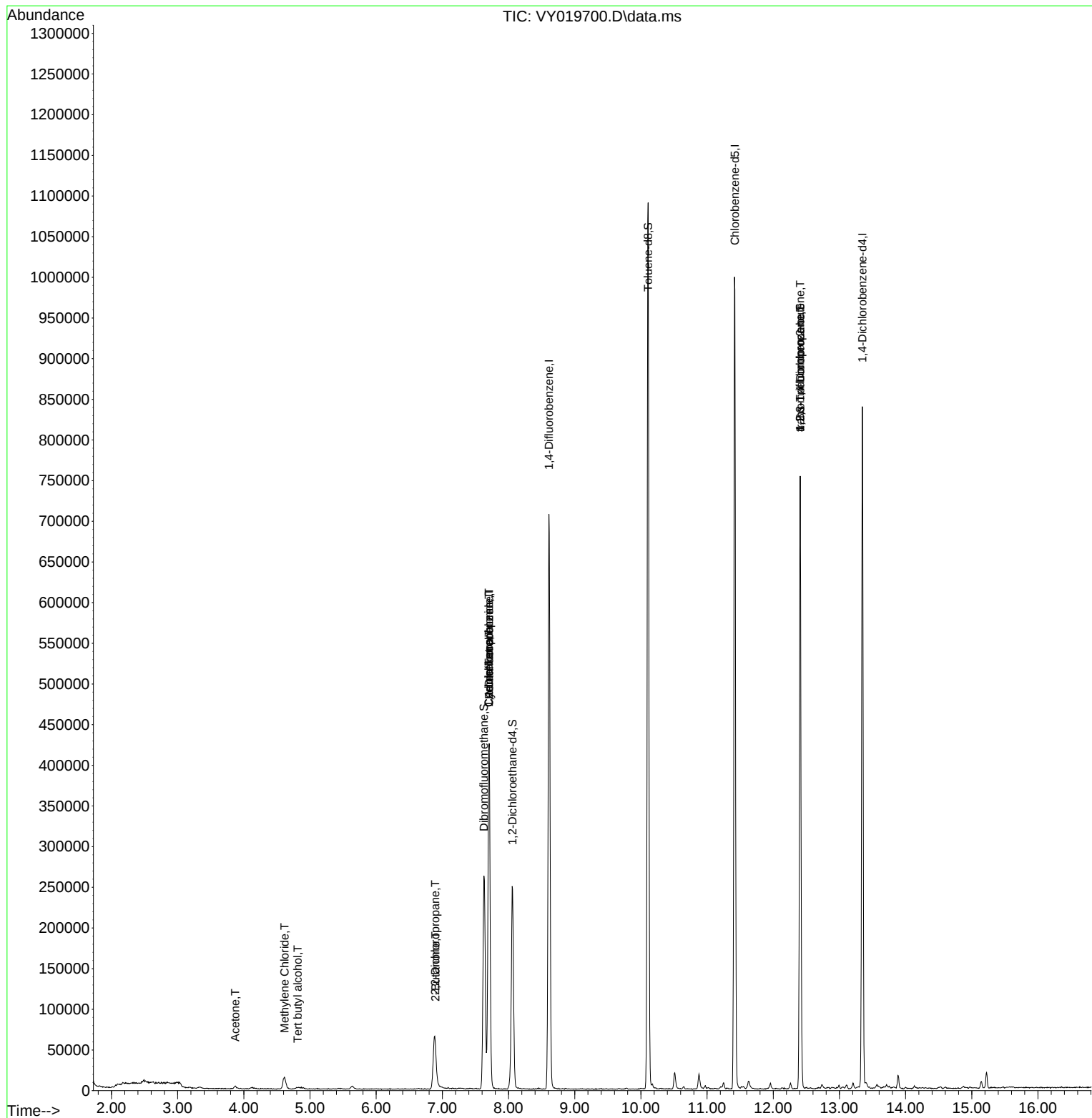
Internal Standards						
1) Pentafluorobenzene	7.707	168	315000	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.609	114	603956	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	532037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	199127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	189058	64.816	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.640%	
35) Dibromofluoromethane	7.628	113	190652	55.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.360%	
50) Toluene-d8	10.109	98	706814	55.805	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 111.620%	
62) 4-Bromofluorobenzene	12.407	95	227017	46.615	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 93.220%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	155	Below Cal	#	43
11) Tert butyl alcohol	4.811	59	1469	6.236	ug/l #	88
13) Acrolein	3.671	56	104	Below Cal	#	67
16) Acetone	3.872	43	5369	7.726	ug/l #	72
20) Methylene Chloride	4.616	84	10846	3.422	ug/l	97
25) 2-Butanone	6.896	43	4830	4.887	ug/l #	61
26) 2,2-Dichloropropane	6.890	77	5359	1.029	ug/l #	51
31) Cyclohexane	7.701	56	8313	1.592	ug/l #	33
36) 1,1-Dichloropropene	7.701	75	27339	5.867	ug/l #	48
38) Carbon Tetrachloride	7.701	117	33043	6.289	ug/l #	15
76) 1,2,3-Trichloropropane	12.407	75	123648	66.249	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	123648	127.180	ug/l #	16

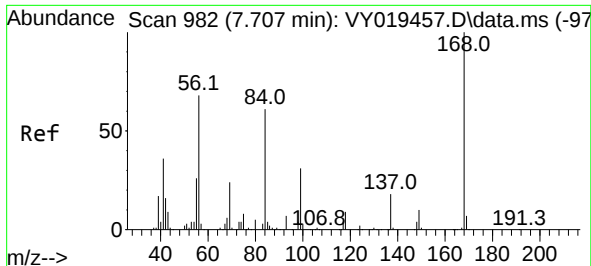
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 26 04:03:12 2024
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Quant Title : SW846 8260
QLast Update : Mon Sep 09 16:00:30 2024
Response via : Initial Calibration

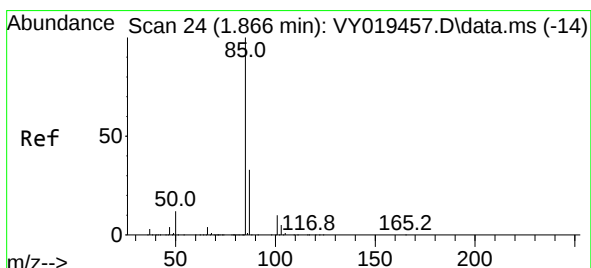
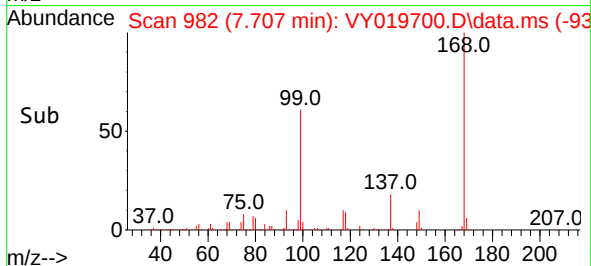
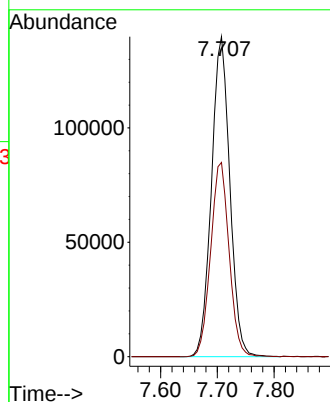
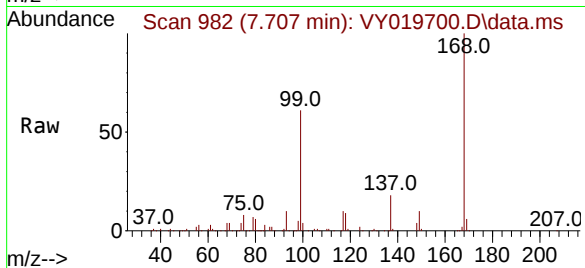




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

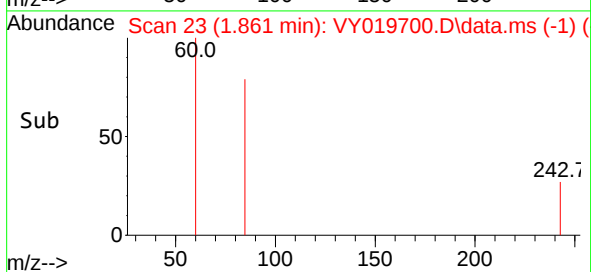
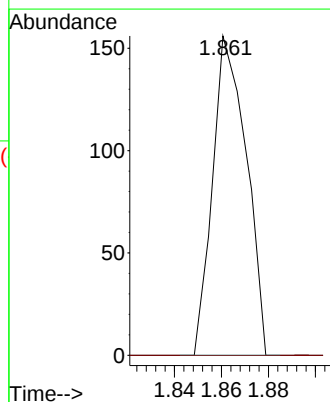
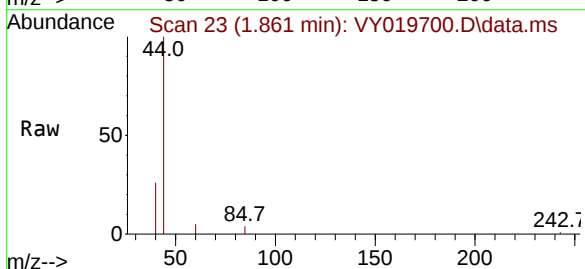
Instrument :
MSVOA_Y
ClientSampleId :

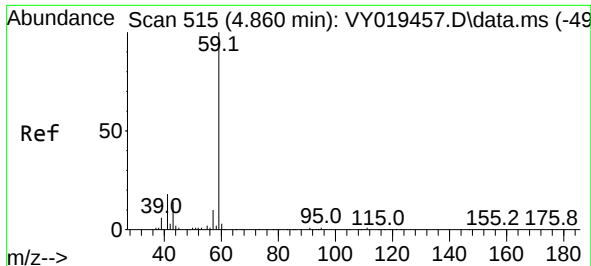
Tgt Ion:168 Resp: 315000
Ion Ratio Lower Upper
168 100
99 60.7 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.861 min Scan# 23
Delta R.T. -0.005 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

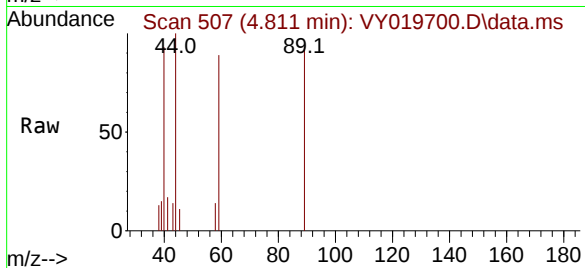
Tgt Ion: 85 Resp: 155
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



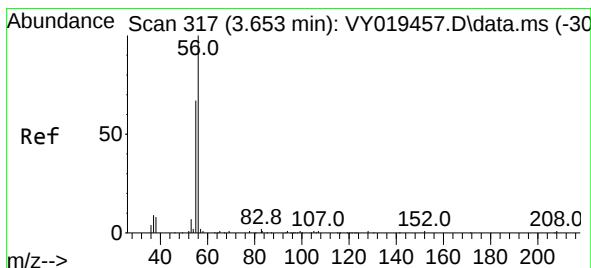
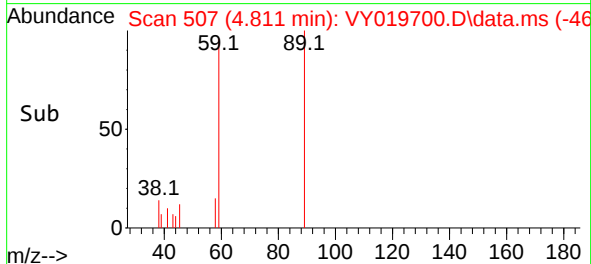
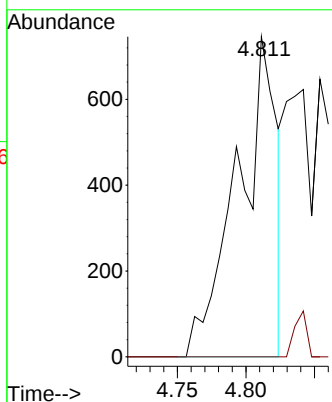


#11
Tert butyl alcohol
Concen: 6.236 ug/l
RT: 4.811 min Scan# 50
Delta R.T. -0.049 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

Instrument :
MSVOA_Y
ClientSampleId :

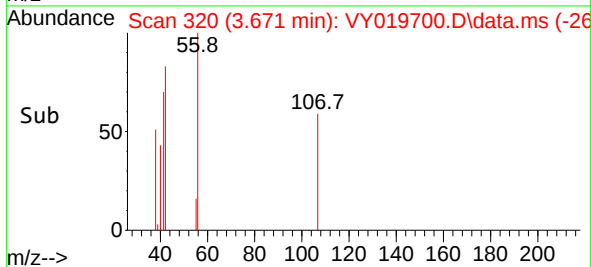
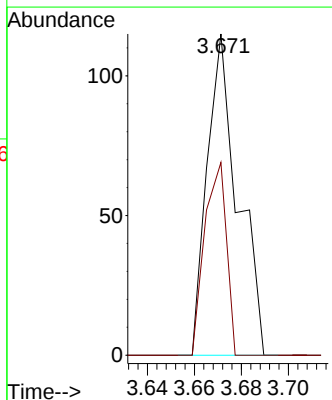
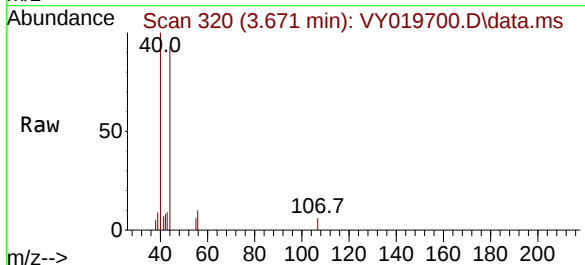


Tgt Ion: 59 Resp: 1469
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.671 min Scan# 320
Delta R.T. 0.018 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

Tgt Ion: 56 Resp: 104
Ion Ratio Lower Upper
56 100
55 42.3 55.7 83.5#

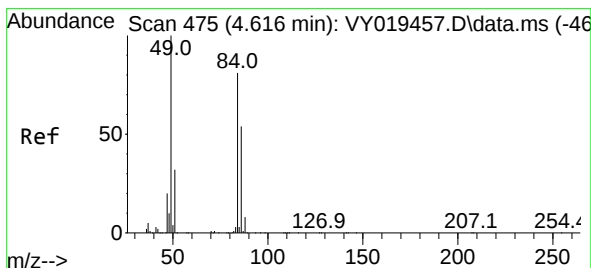
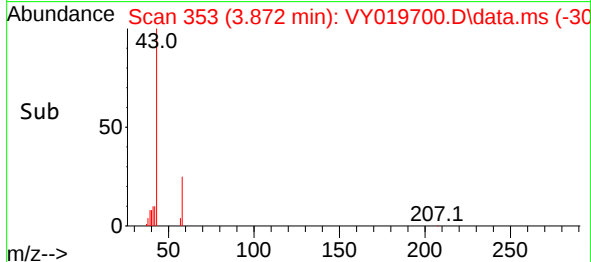
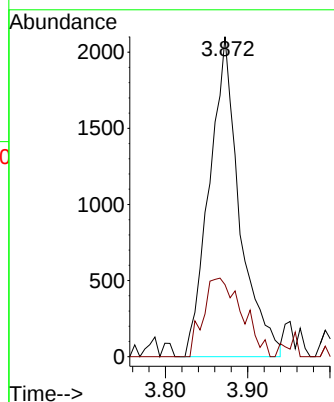
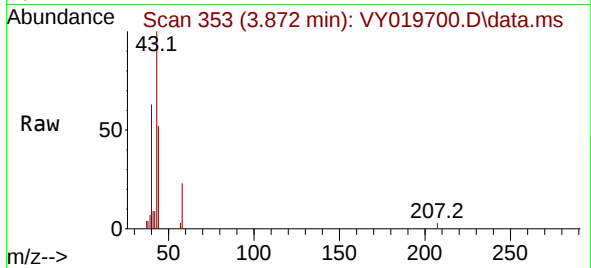




#16
Acetone
Concen: 7.726 ug/l
RT: 3.872 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

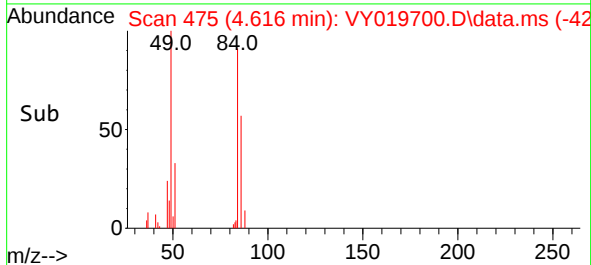
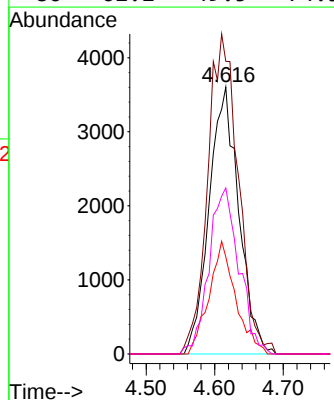
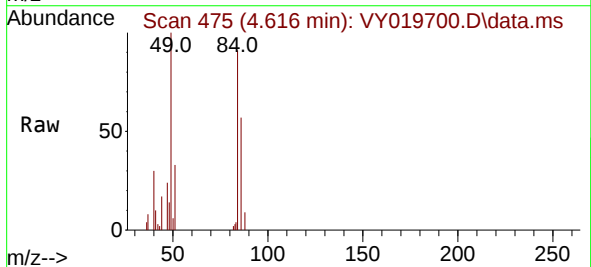
Instrument :
MSVOA_Y
ClientSampleId :

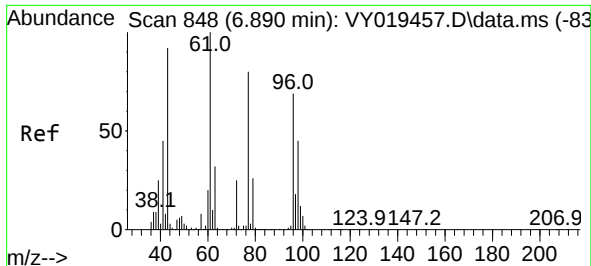
Tgt Ion: 43 Resp: 5369
Ion Ratio Lower Upper
43 100
58 22.5 31.7 47.5#



#20
Methylene Chloride
Concen: 3.422 ug/l
RT: 4.616 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

Tgt Ion: 84 Resp: 10846
Ion Ratio Lower Upper
84 100
49 109.7 84.4 126.6
51 36.4 26.0 39.0
86 62.2 49.5 74.3

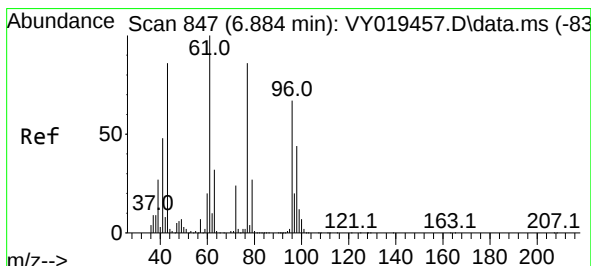
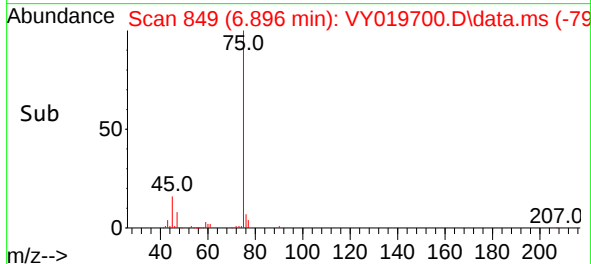
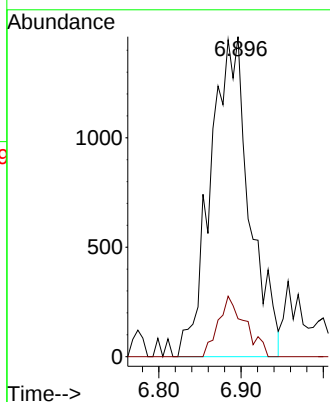
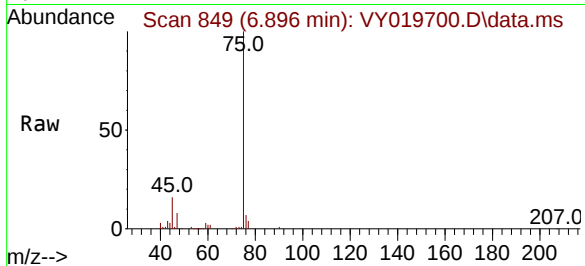




#25
2-Butanone
Concen: 4.887 ug/l
RT: 6.896 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

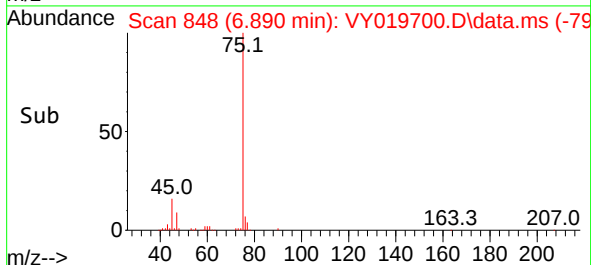
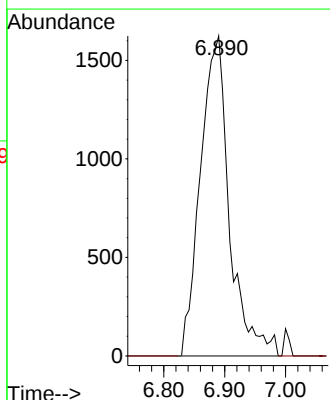
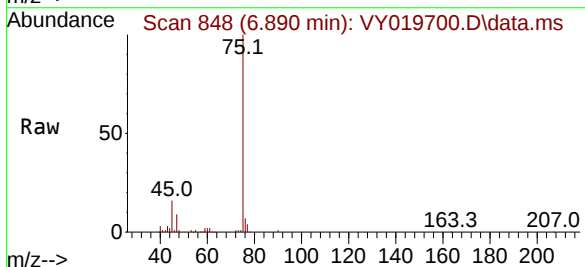
Instrument :
MSVOA_Y
ClientSampleId :

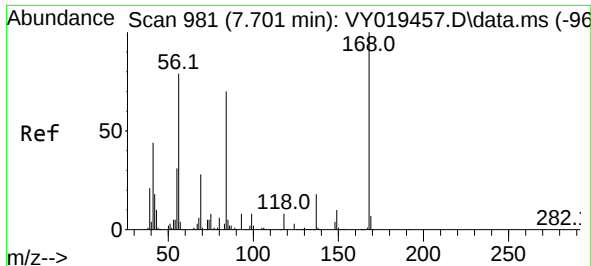
Tgt Ion: 43 Resp: 4830
Ion Ratio Lower Upper
43 100
72 11.8 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 1.029 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

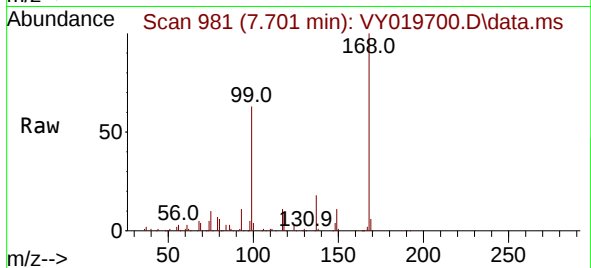
Tgt Ion: 77 Resp: 5359
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



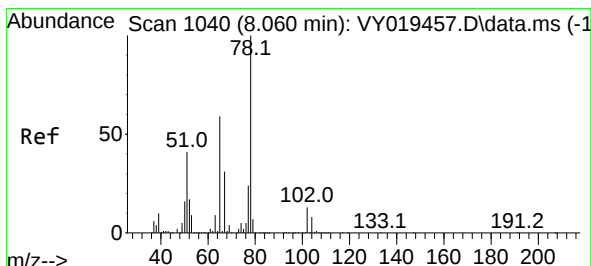
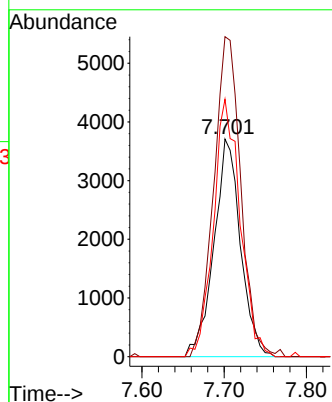
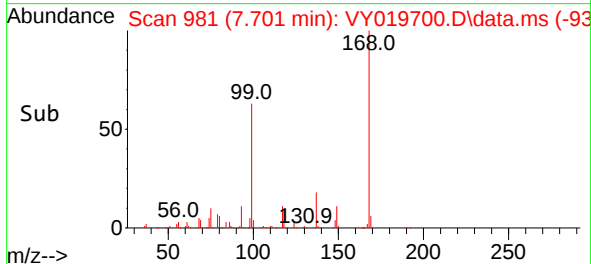


#31
Cyclohexane
Concen: 1.592 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

Instrument :
MSVOA_Y
ClientSampleId :

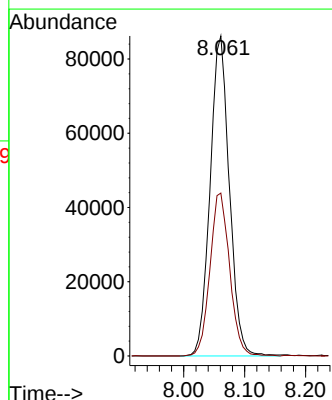
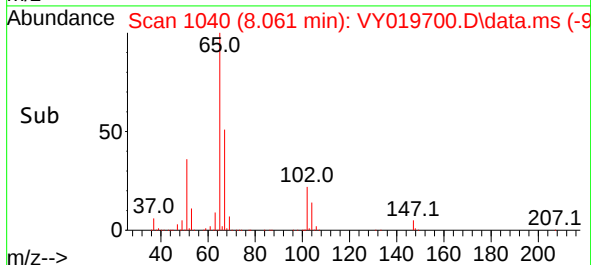
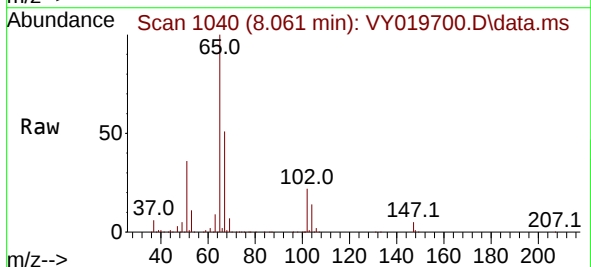


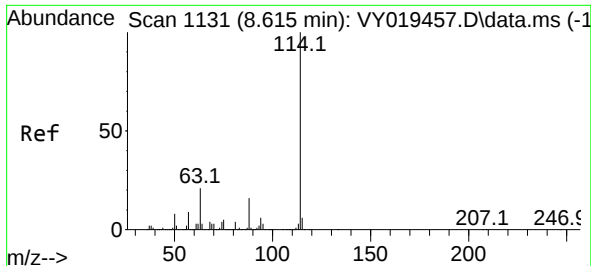
Tgt Ion: 56 Resp: 8313
Ion Ratio Lower Upper
56 100
69 147.0 28.7 43.1#
84 118.3 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 64.816 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

Tgt Ion: 65 Resp: 189058
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6

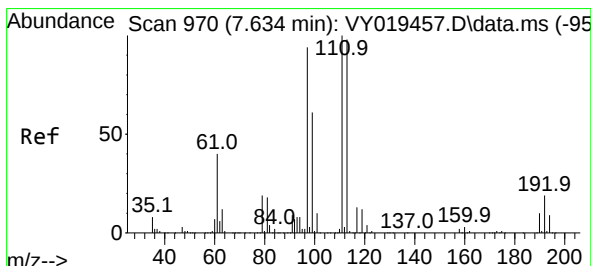
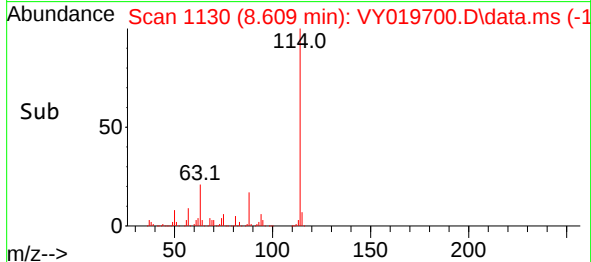
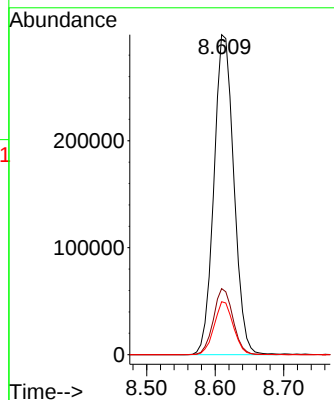
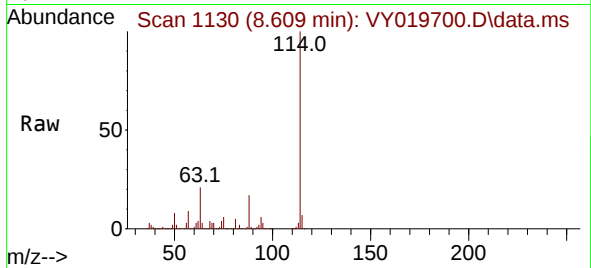




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

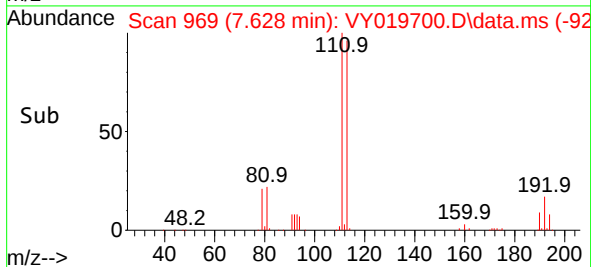
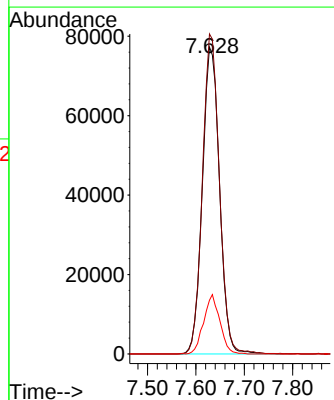
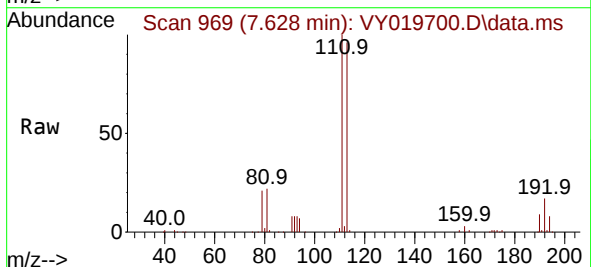
Instrument :
MSVOA_Y
ClientSampleId :

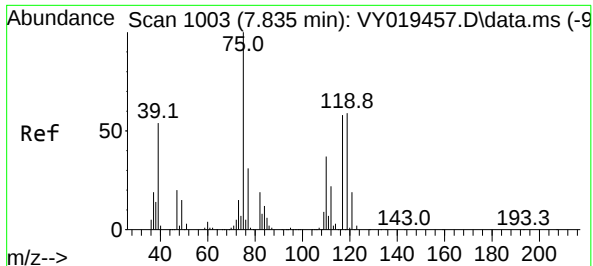
Tgt Ion:114 Resp: 603956
Ion Ratio Lower Upper
114 100
63 20.6 0.0 35.0
88 16.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 55.676 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.006 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

Tgt Ion:113 Resp: 190652
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 18.3 15.9 23.9

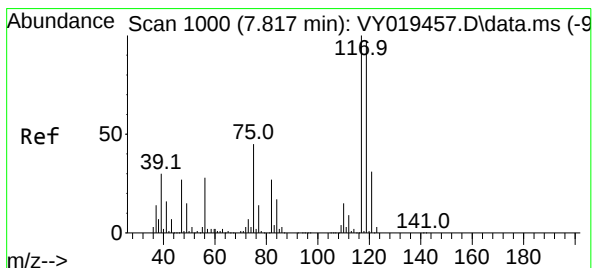
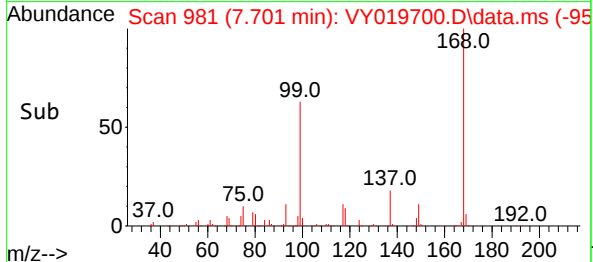
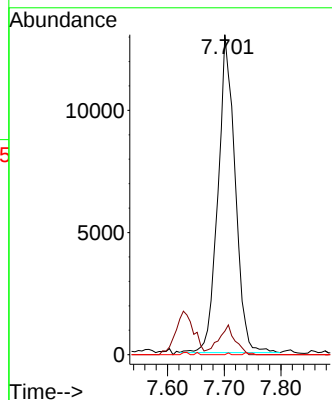
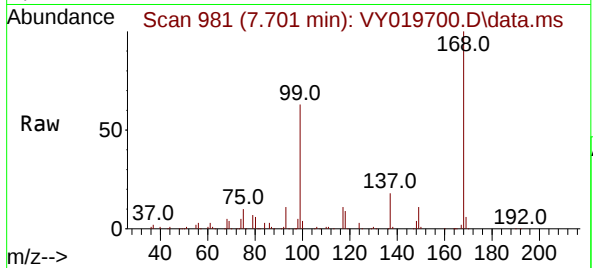




#36
1,1-Dichloropropene
Concen: 5.867 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.134 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

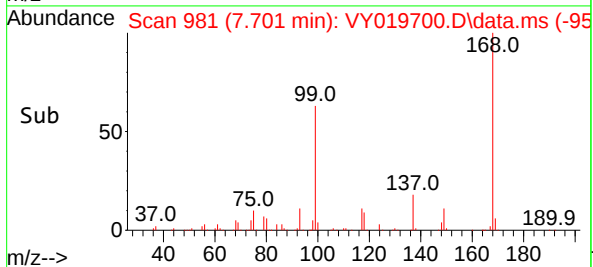
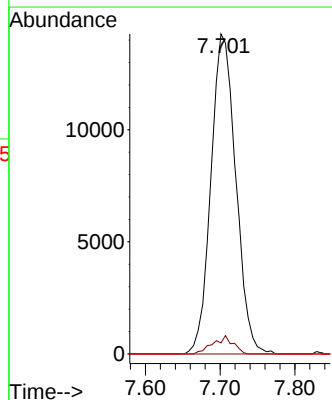
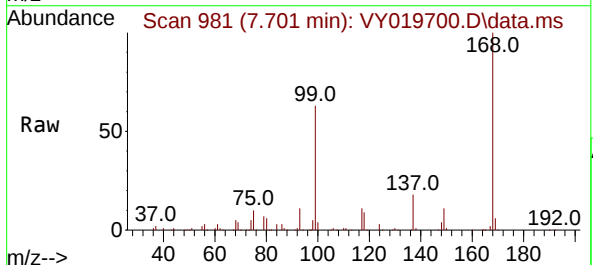
Instrument :
MSVOA_Y
ClientSampleId :

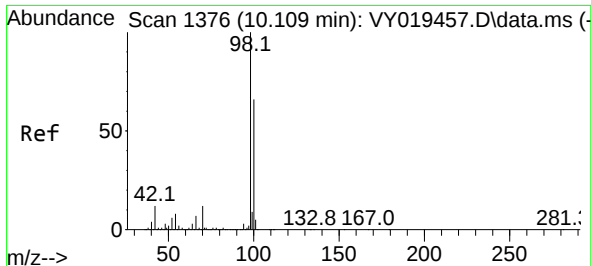
Tgt Ion: 75 Resp: 27339
Ion Ratio Lower Upper
75 100
110 8.9 19.0 57.0#
77 0.1 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.289 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.116 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

Tgt Ion: 117 Resp: 33043
Ion Ratio Lower Upper
117 100
119 3.5 75.8 113.6#
121 0.0 24.0 36.0#

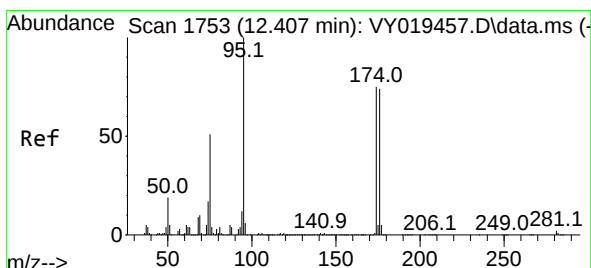
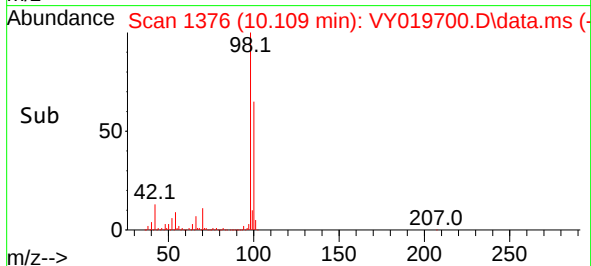
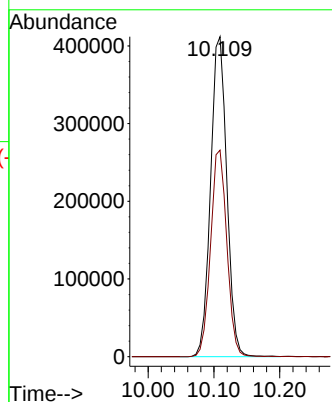
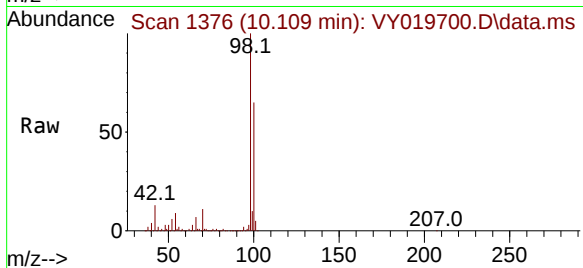




#50
Toluene-d8
Concen: 55.805 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.000 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

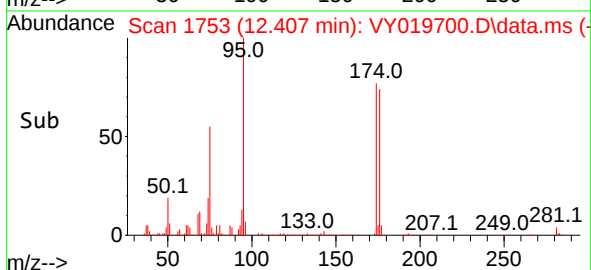
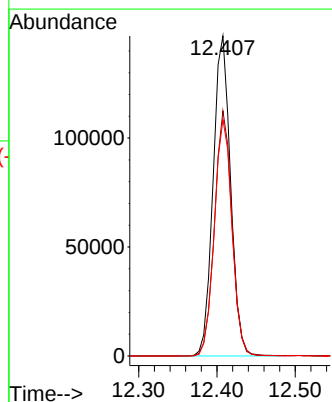
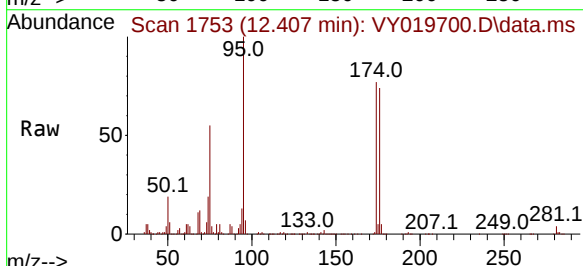
Instrument :
MSVOA_Y
ClientSampleId :

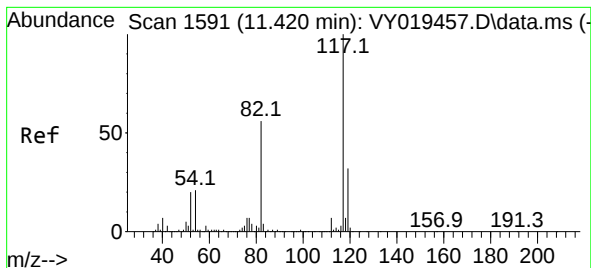
Tgt Ion: 98 Resp: 706814
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.615 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

Tgt Ion: 95 Resp: 227017
Ion Ratio Lower Upper
95 100
174 76.7 0.0 175.6
176 74.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.000 min

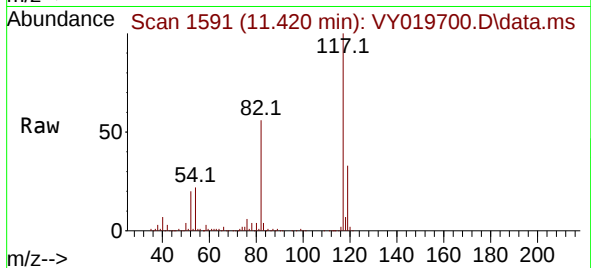
Lab File: VY019700.D

Acq: 25 Sep 2024 17:11

Instrument :

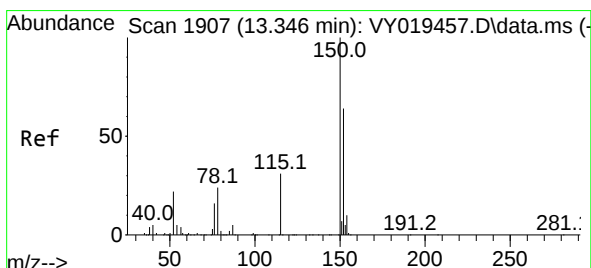
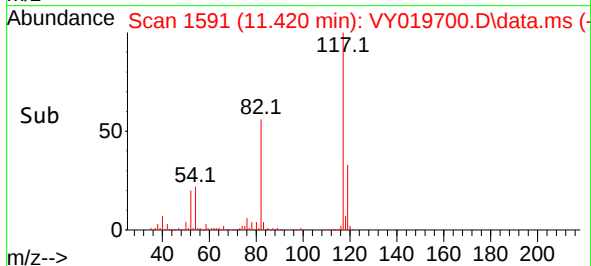
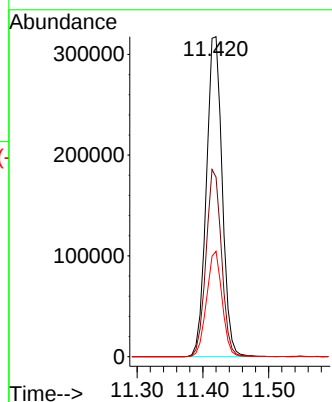
MSVOA_Y

ClientSampleId :



Tgt Ion:117 Resp: 532037

Ion	Ratio	Lower	Upper
117	100		
82	56.1	42.4	63.6
119	32.9	25.9	38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

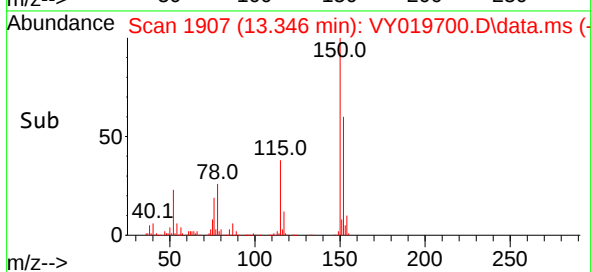
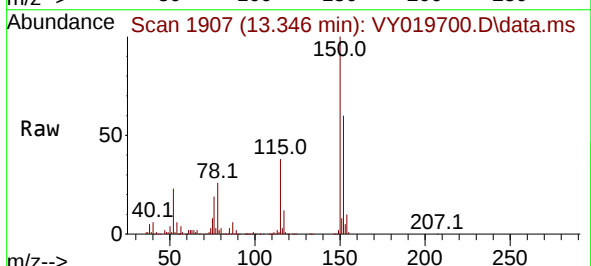
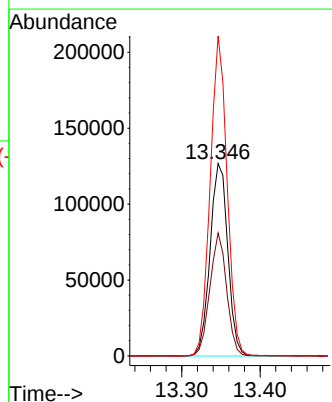
Delta R.T. 0.000 min

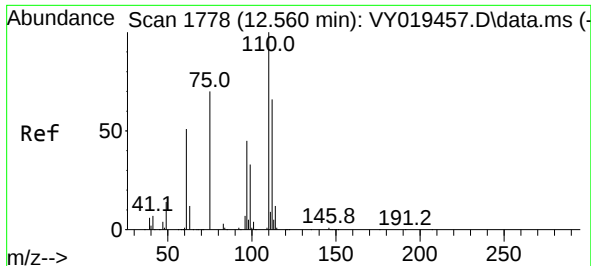
Lab File: VY019700.D

Acq: 25 Sep 2024 17:11

Tgt Ion:152 Resp: 199127

Ion	Ratio	Lower	Upper
152	100		
115	60.5	28.2	84.7
150	158.3	0.0	345.6

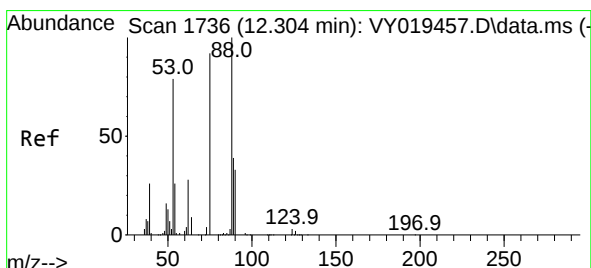
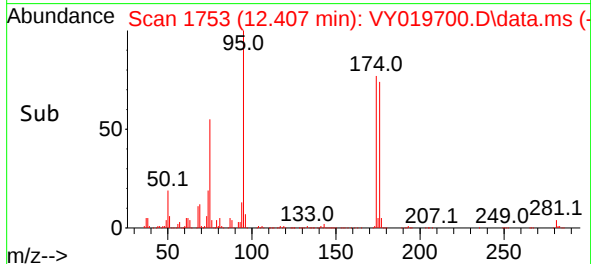
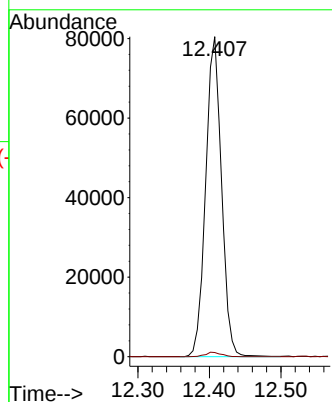
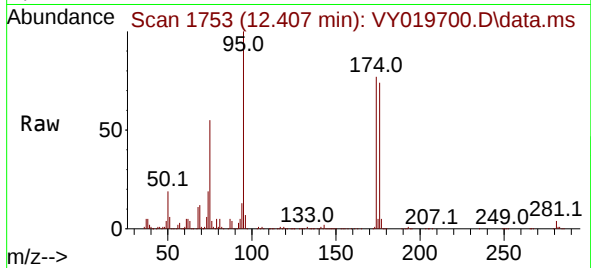




#76
1,2,3-Trichloropropane
Concen: 66.249 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 123648
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.180 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019700.D
Acq: 25 Sep 2024 17:11

Tgt Ion: 75 Resp: 123648
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#

