

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019566.D
 Acq On : 16 Sep 2024 15:06
 Operator : SY/MD
 Sample : P3985-03
 Misc : 5.08g/5.0mL/MSVOA_Y/SOILB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 17 02:14:47 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)

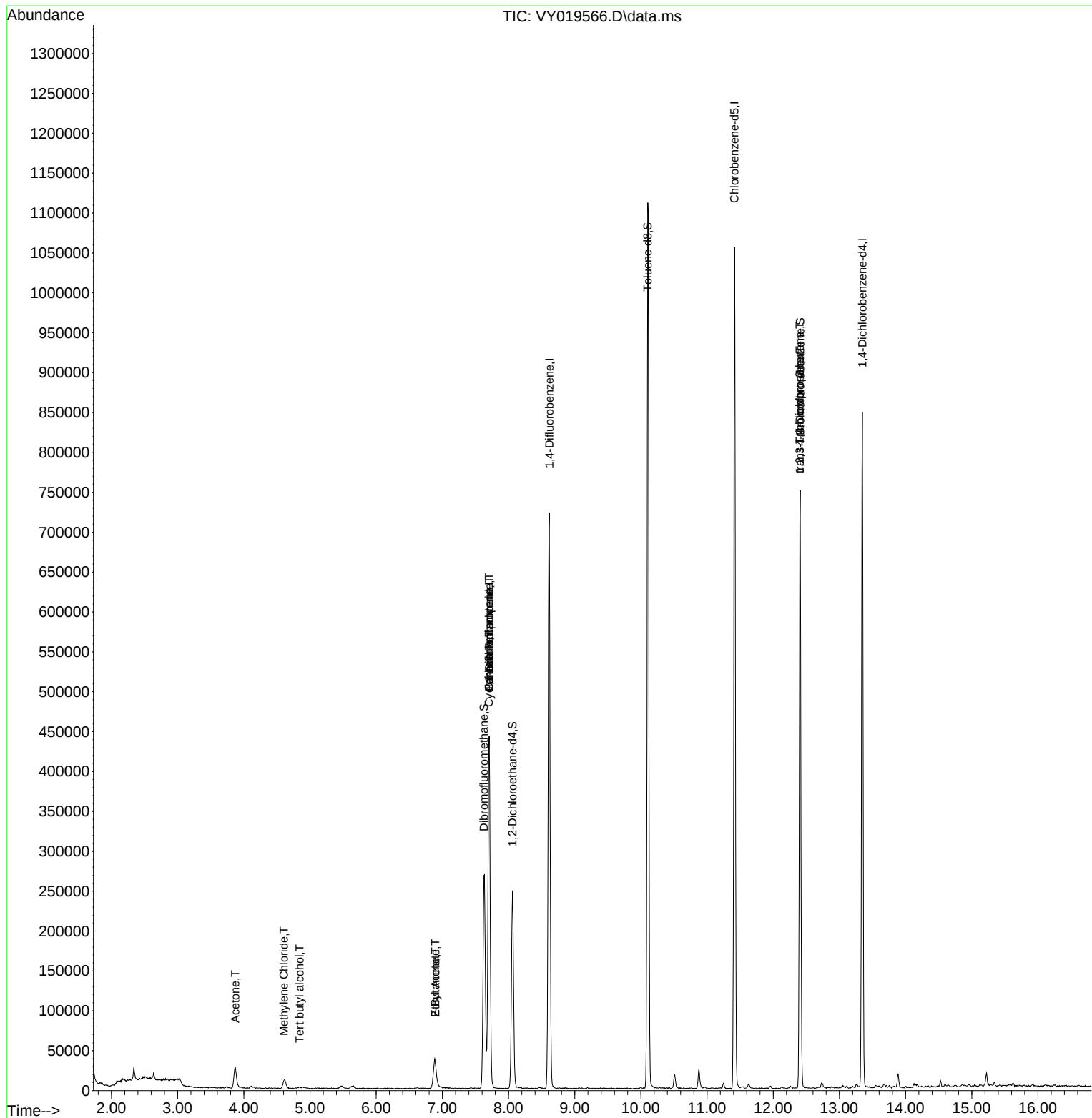
Internal Standards						
1) Pentafluorobenzene	7.707	168	329445	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	617736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	541335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	205119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	187780	61.555	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 123.120%		
35) Dibromofluoromethane	7.628	113	192396	54.932	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 109.860%		
50) Toluene-d8	10.103	98	729240	56.291	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 112.580%		
62) 4-Bromofluorobenzene	12.408	95	237489	47.677	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery	= 95.360%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.873	85	242	Below Cal	#	43
11) Tert butyl alcohol	4.842	59	1298	5.269	ug/l #	96
13) Acrolein	3.659	56	381	Below Cal	#	39
16) Acetone	3.873	43	47090	64.795	ug/l #	85
20) Methylene Chloride	4.604	84	7945	2.397	ug/l #	85
25) 2-Butanone	6.890	43	11773	11.390	ug/l #	79
31) Cyclohexane	7.701	56	8134	1.490	ug/l #	36
36) 1,1-Dichloropropene	7.707	75	28085	5.893	ug/l #	43
37) Ethyl Acetate	6.890	43	11773	4.821	ug/l #	78
38) Carbon Tetrachloride	7.707	117	36302	6.755	ug/l #	16
76) 1,2,3-Trichloropropane	12.401	75	127003	66.059	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.401	75	127003	126.815	ug/l #	16

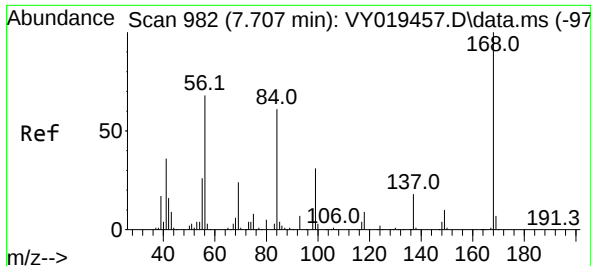
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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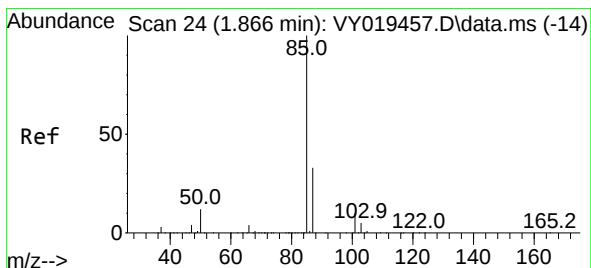
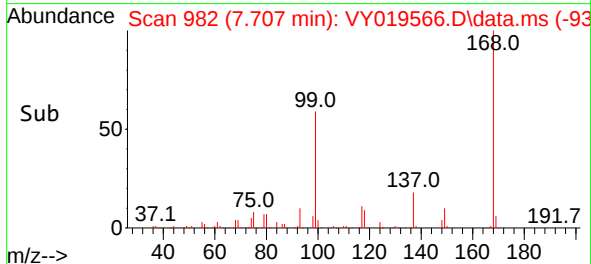
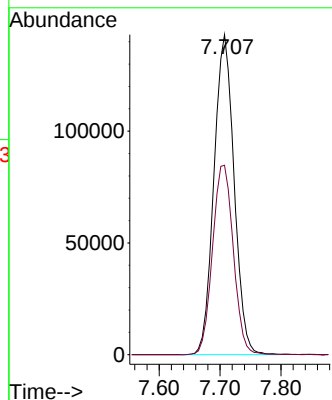
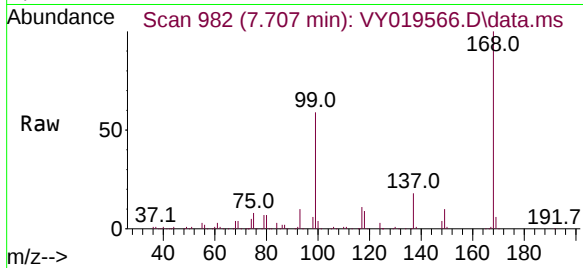




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

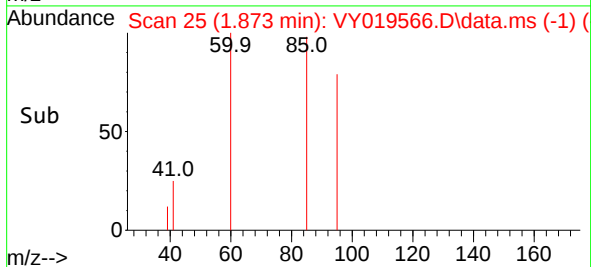
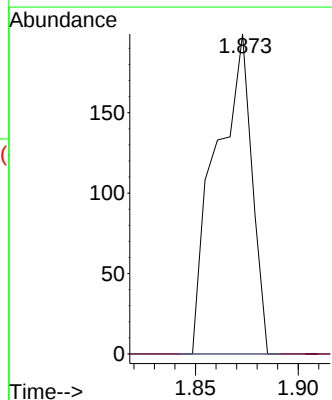
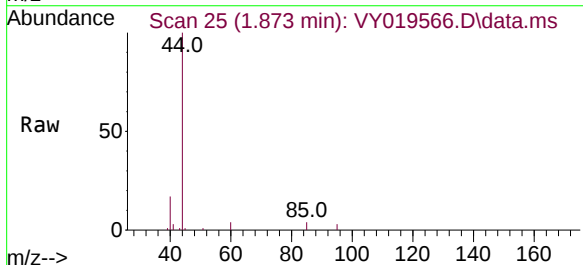
Instrument :
MSVOA_Y
ClientSampleId :

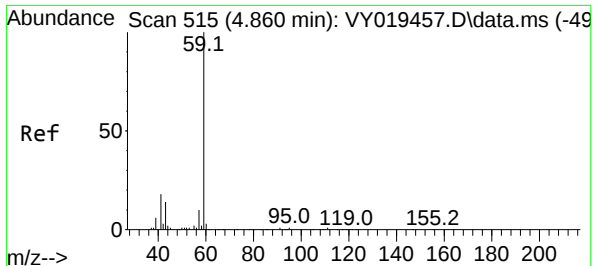
Tgt Ion:168 Resp: 329445
Ion Ratio Lower Upper
168 100
99 59.2 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.873 min Scan# 25
Delta R.T. 0.007 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

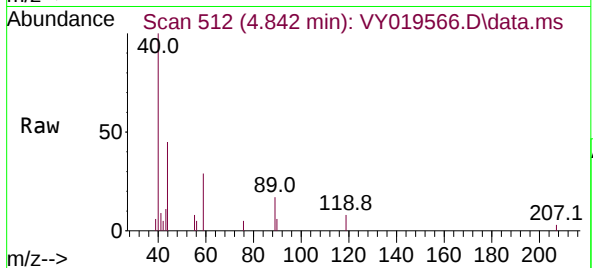
Tgt Ion: 85 Resp: 242
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#



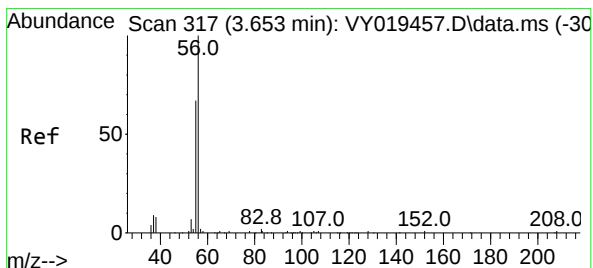
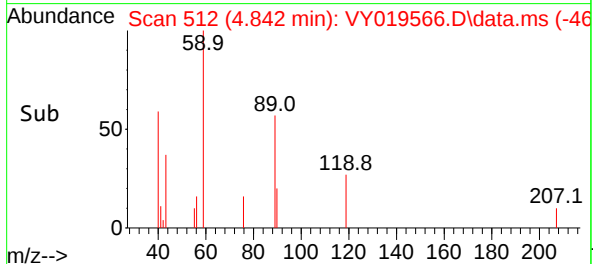
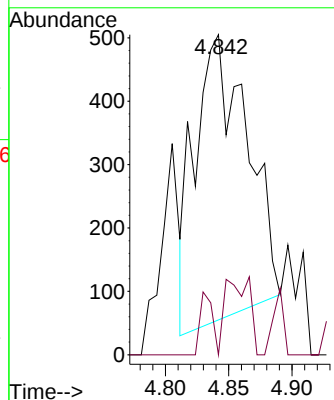


#11
Tert butyl alcohol
Concen: 5.269 ug/l
RT: 4.842 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

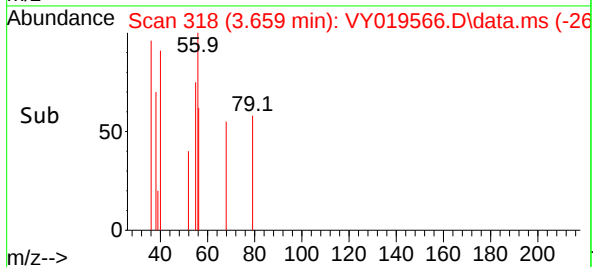
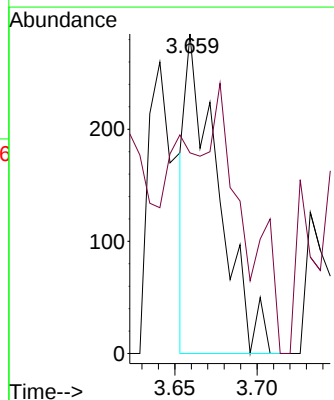
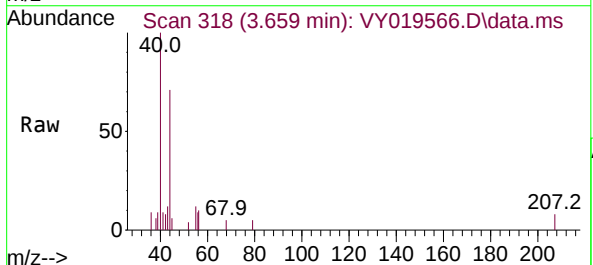


Tgt Ion: 59 Resp: 1298
Ion Ratio Lower Upper
59 100
57 5.1 3.0 4.6#



#13
Acrolein
Concen: Below Cal
RT: 3.659 min Scan# 318
Delta R.T. 0.006 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

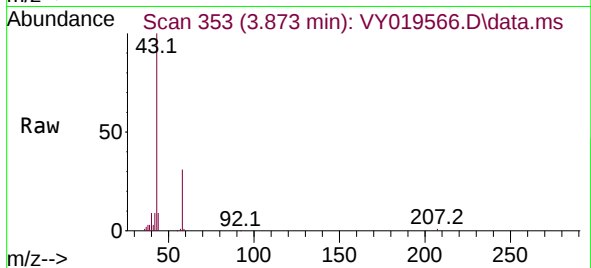
Tgt Ion: 56 Resp: 381
Ion Ratio Lower Upper
56 100
55 19.9 55.7 83.5#



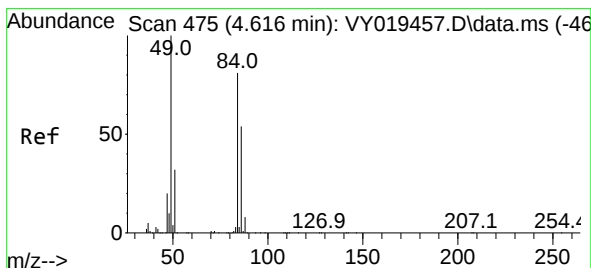
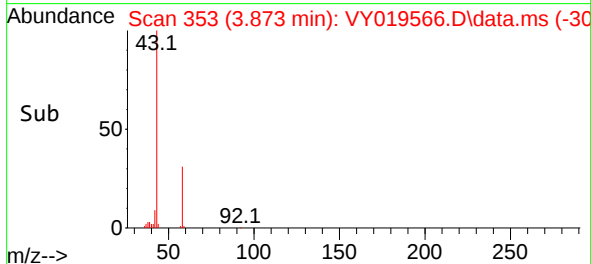
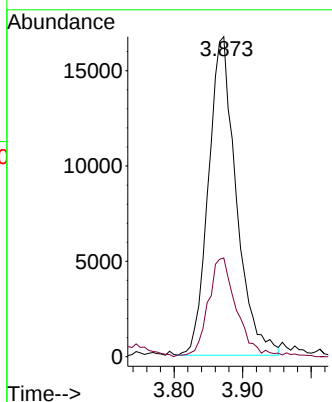


#16
Acetone
Concen: 64.795 ug/l
RT: 3.873 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

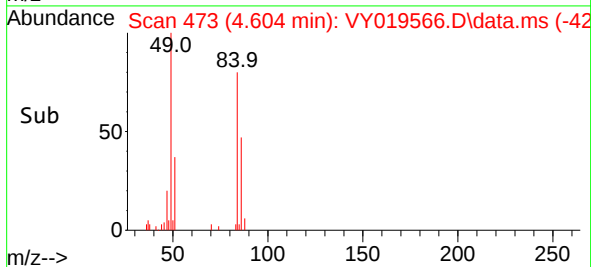
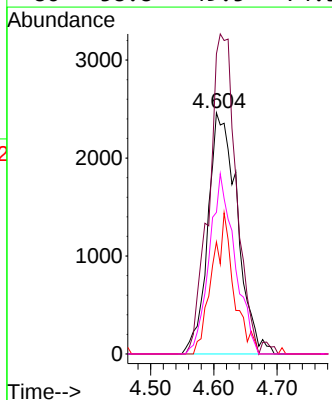
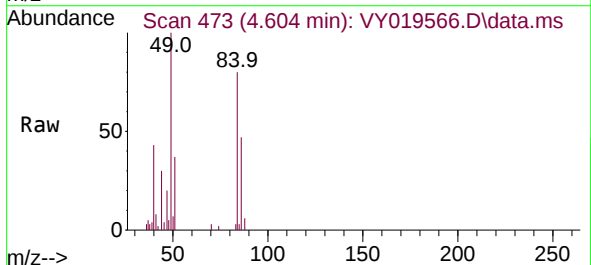


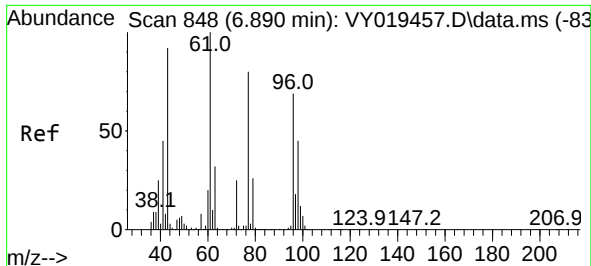
Tgt Ion: 43 Resp: 47090
Ion Ratio Lower Upper
43 100
58 30.4 31.7 47.5#



#20
Methylene Chloride
Concen: 2.397 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

Tgt Ion: 84 Resp: 7945
Ion Ratio Lower Upper
84 100
49 124.5 84.4 126.6
51 46.5 26.0 39.0#
86 58.8 49.5 74.3

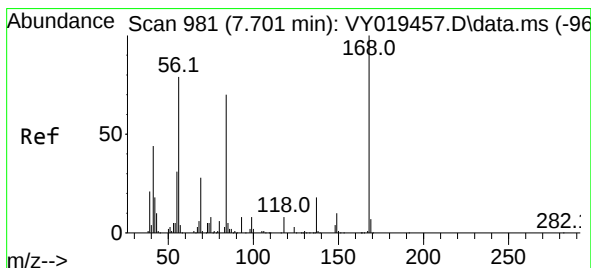
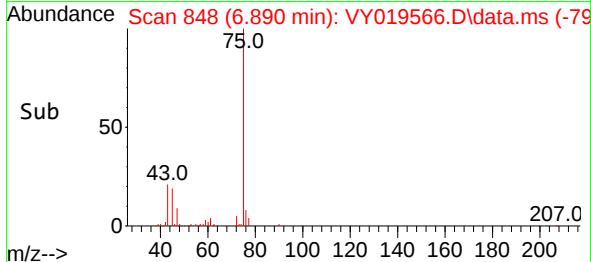
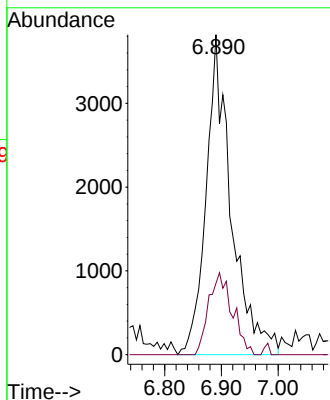
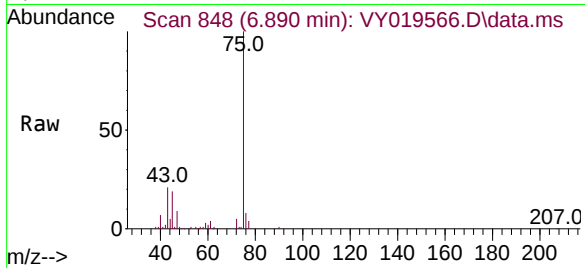




#25
2-Butanone
Concen: 11.390 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

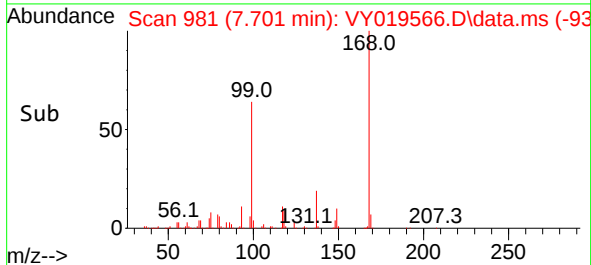
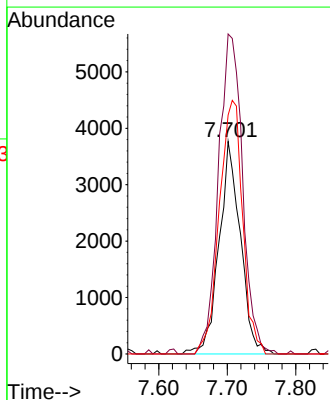
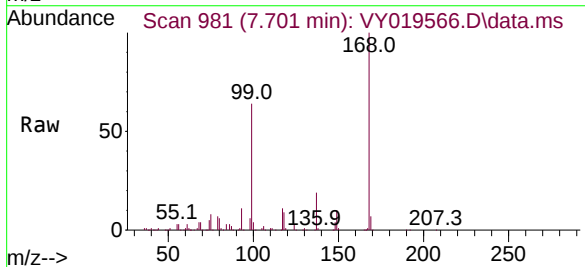
Instrument :
MSVOA_Y
ClientSampleId :

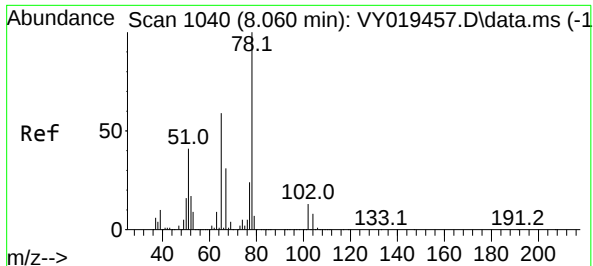
Tgt Ion: 43 Resp: 11773
Ion Ratio Lower Upper
43 100
72 22.3 27.3 40.9#



#31
Cyclohexane
Concen: 1.490 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

Tgt Ion: 56 Resp: 8134
Ion Ratio Lower Upper
56 100
69 150.7 28.7 43.1#
84 112.5 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 61.555 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY019566.D

Acq: 16 Sep 2024 15:06

Instrument :

MSVOA_Y

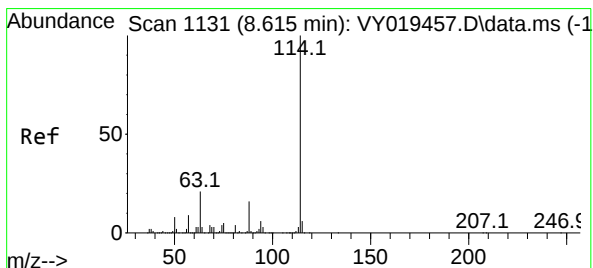
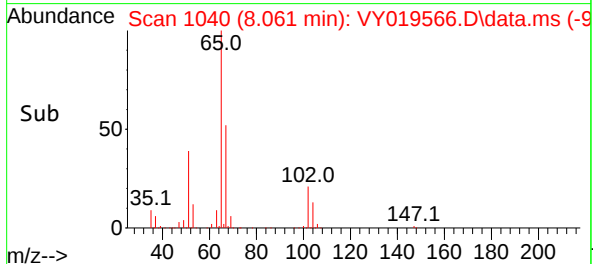
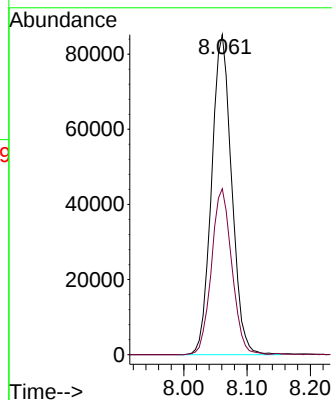
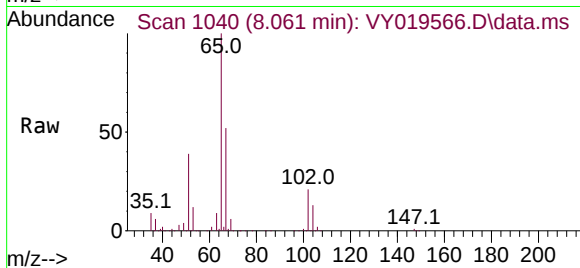
ClientSampleId :

Tgt Ion: 65 Resp: 187780

Ion Ratio Lower Upper

65 100

67 52.5 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: VY019566.D

Acq: 16 Sep 2024 15:06

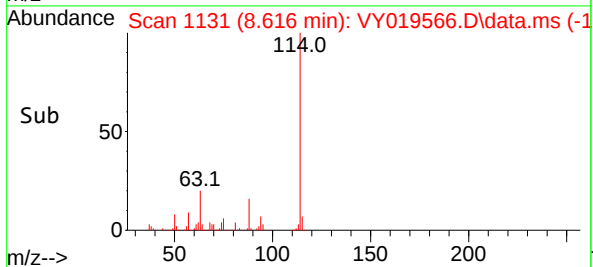
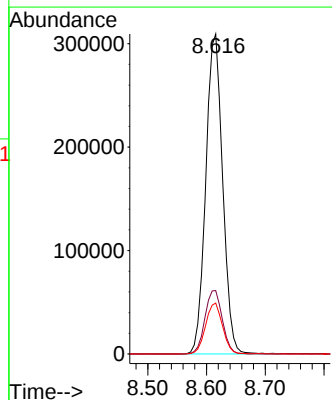
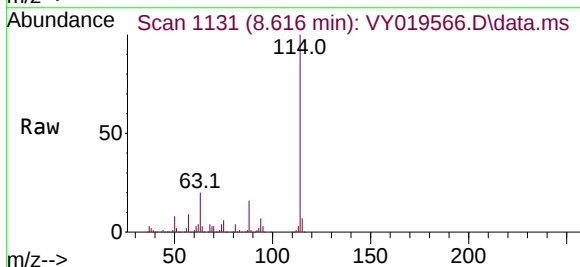
Tgt Ion: 114 Resp: 617736

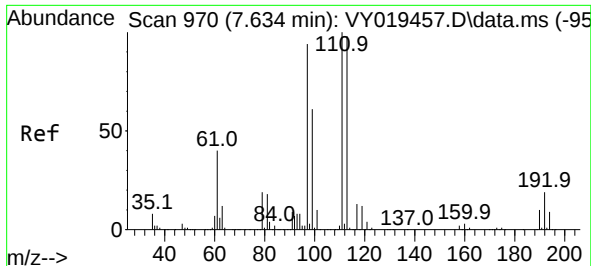
Ion Ratio Lower Upper

114 100

63 19.8 0.0 35.0

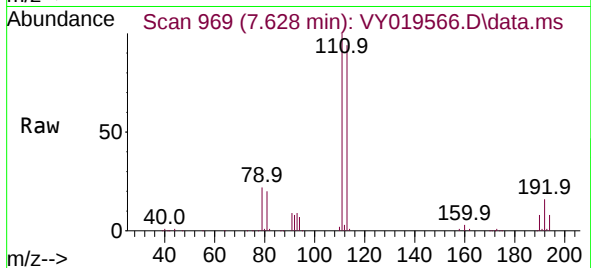
88 15.9 0.0 27.2



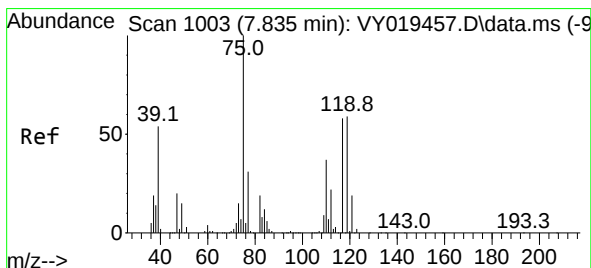
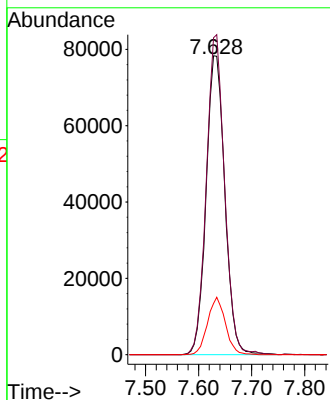
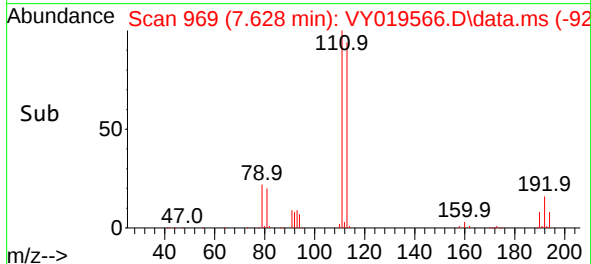


#35
Dibromofluoromethane
Concen: 54.932 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

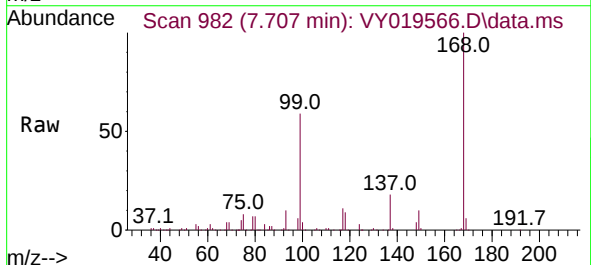
Instrument :
MSVOA_Y
ClientSampleId :



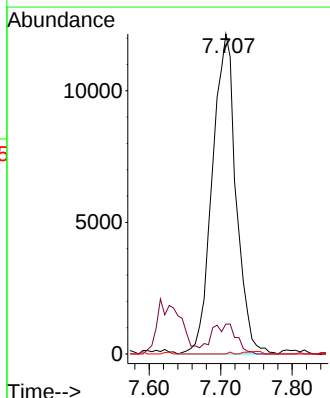
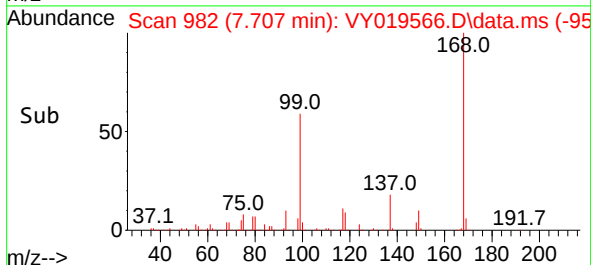
Tgt Ion:113 Resp: 192396
Ion Ratio Lower Upper
113 100
111 104.4 82.2 123.4
192 18.3 15.9 23.9

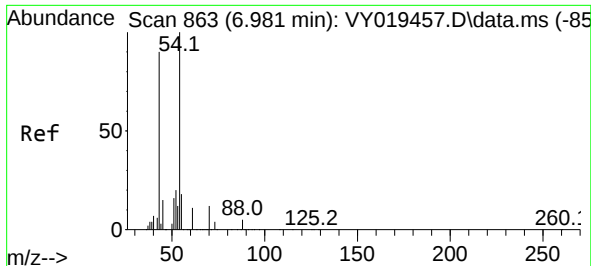


#36
1,1-Dichloropropene
Concen: 5.893 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06



Tgt Ion: 75 Resp: 28085
Ion Ratio Lower Upper
75 100
110 3.3 19.0 57.0#
77 0.1 25.3 37.9#





#37

Ethyl Acetate

Concen: 4.821 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.091 min

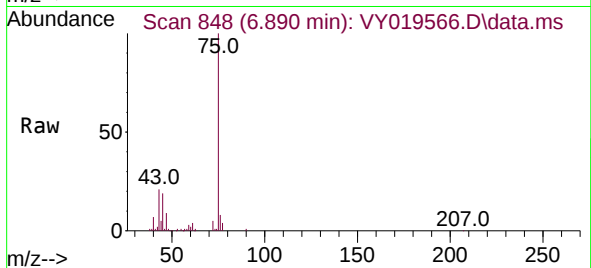
Lab File: VY019566.D

Acq: 16 Sep 2024 15:06

Instrument :

MSVOA_Y

ClientSampleId :



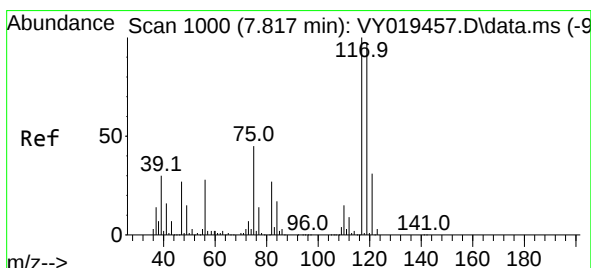
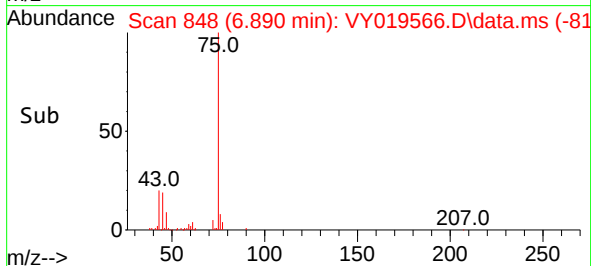
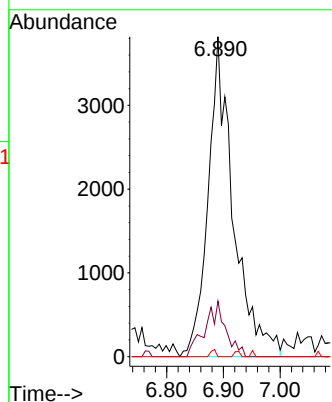
Tgt Ion: 43 Resp: 11773

Ion Ratio Lower Upper

43 100

61 7.6 12.6 19.0#

70 0.5 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 6.755 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.109 min

Lab File: VY019566.D

Acq: 16 Sep 2024 15:06

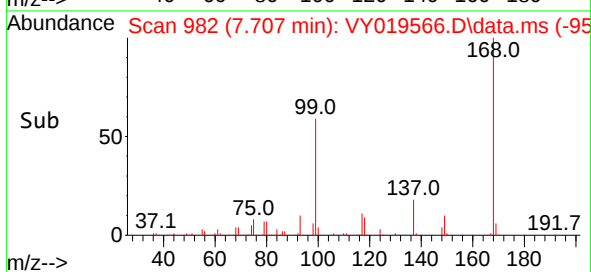
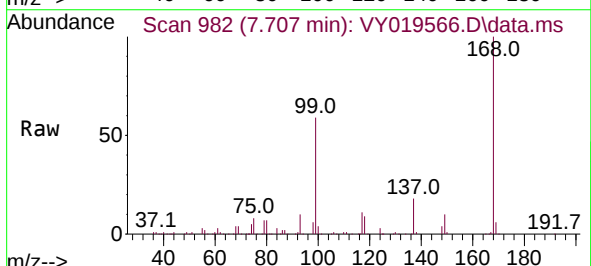
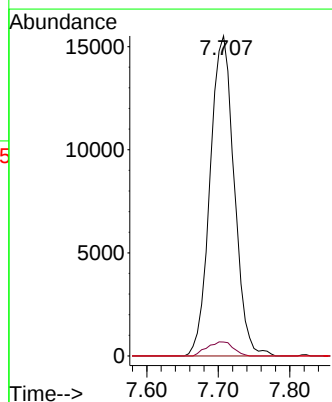
Tgt Ion: 117 Resp: 36302

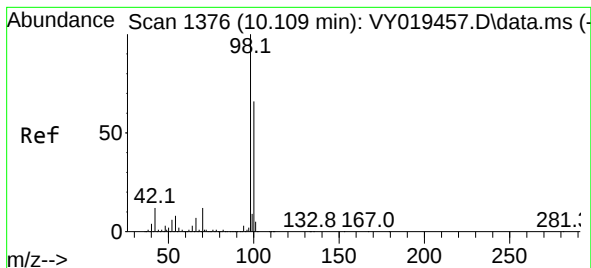
Ion Ratio Lower Upper

117 100

119 4.4 75.8 113.6#

121 0.0 24.0 36.0#

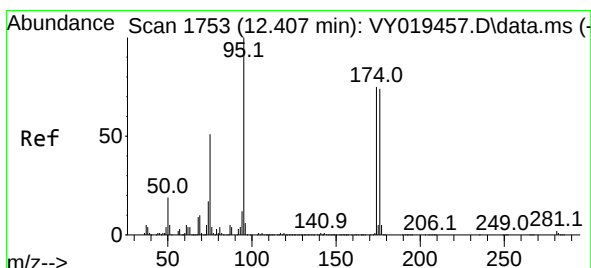
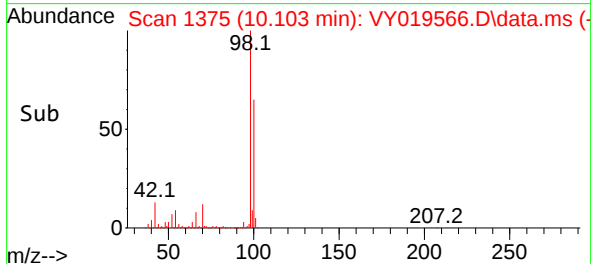
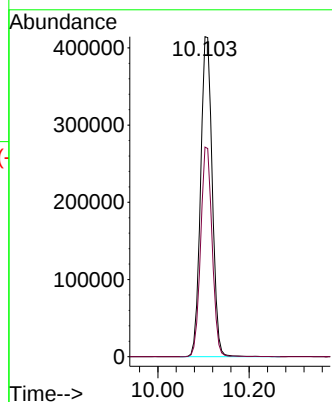
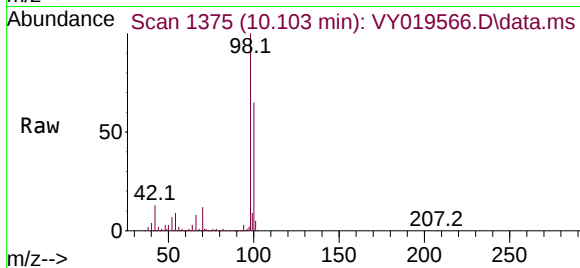




#50
Toluene-d8
Concen: 56.291 ug/l
RT: 10.103 min Scan# 1376
Delta R.T. -0.006 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

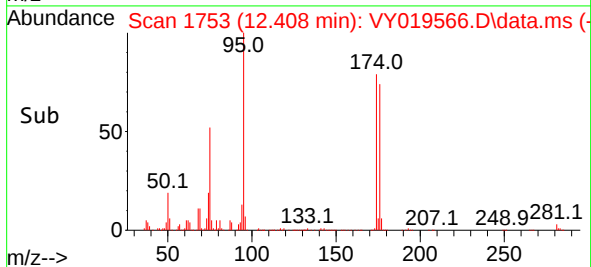
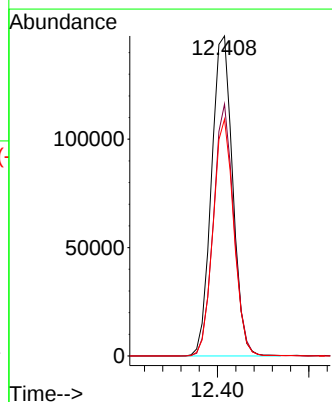
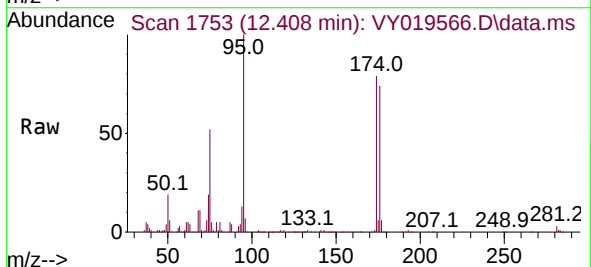
Instrument :
MSVOA_Y
ClientSampleId :

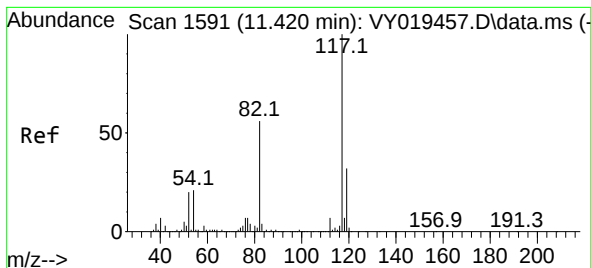
Tgt Ion: 98 Resp: 729240
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.677 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

Tgt Ion: 95 Resp: 237489
Ion Ratio Lower Upper
95 100
174 75.4 0.0 175.6
176 72.3 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: VY019566.D

Acq: 16 Sep 2024 15:06

Instrument :

MSVOA_Y

ClientSampleId :

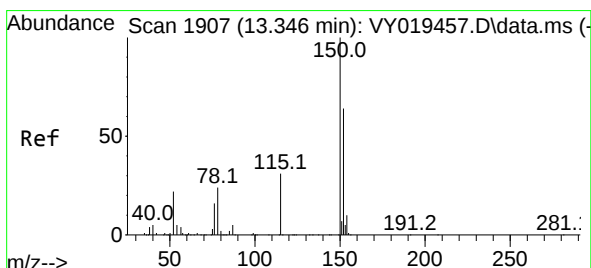
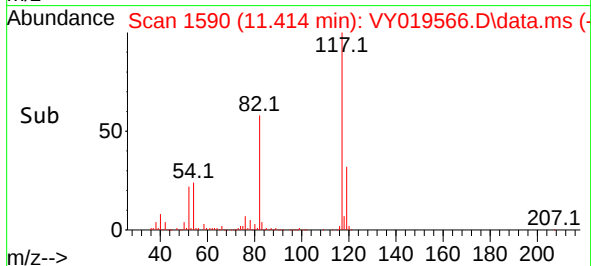
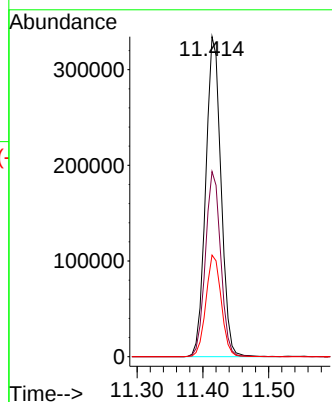
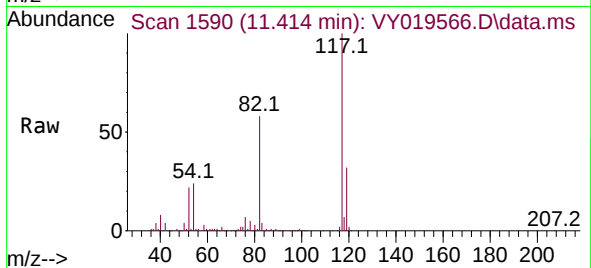
Tgt Ion:117 Resp: 541335

Ion Ratio Lower Upper

117 100

82 57.9 42.4 63.6

119 31.7 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: VY019566.D

Acq: 16 Sep 2024 15:06

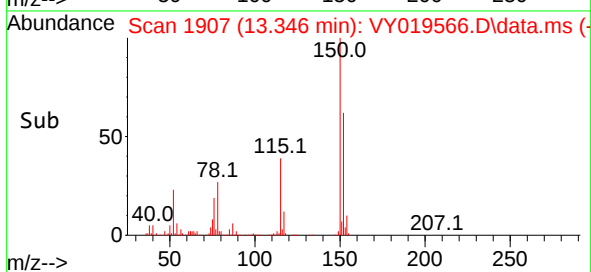
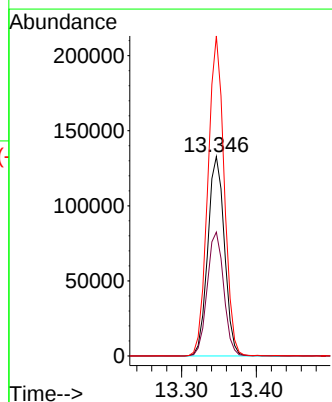
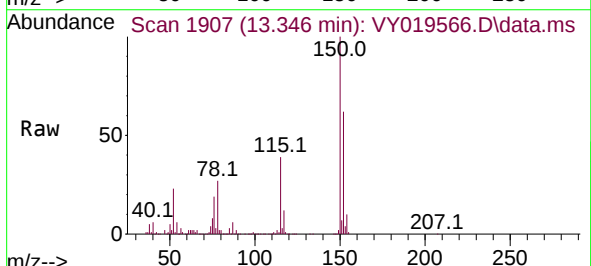
Tgt Ion:152 Resp: 205119

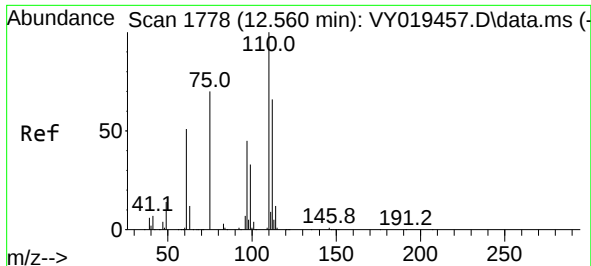
Ion Ratio Lower Upper

152 100

115 61.7 28.2 84.7

150 157.4 0.0 345.6

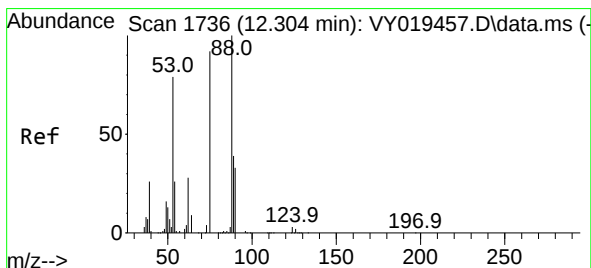
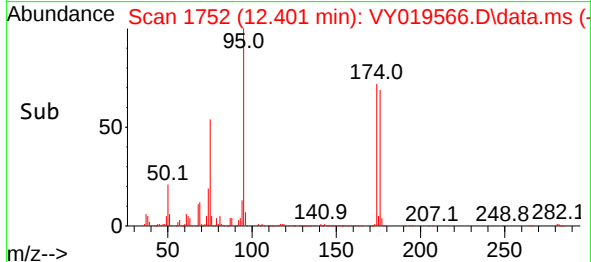
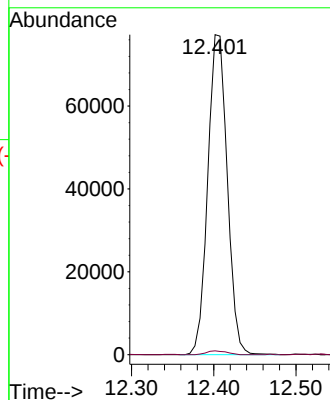
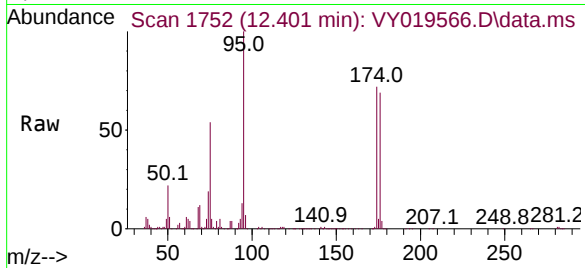




#76
1,2,3-Trichloropropane
Concen: 66.059 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 127003
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.815 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019566.D
Acq: 16 Sep 2024 15:06

Tgt Ion: 75 Resp: 127003
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#

