

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091724\
 Data File : VY019589.D
 Acq On : 17 Sep 2024 16:35
 Operator : SY/MD
 Sample : P4023-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 18 01:33:52 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)

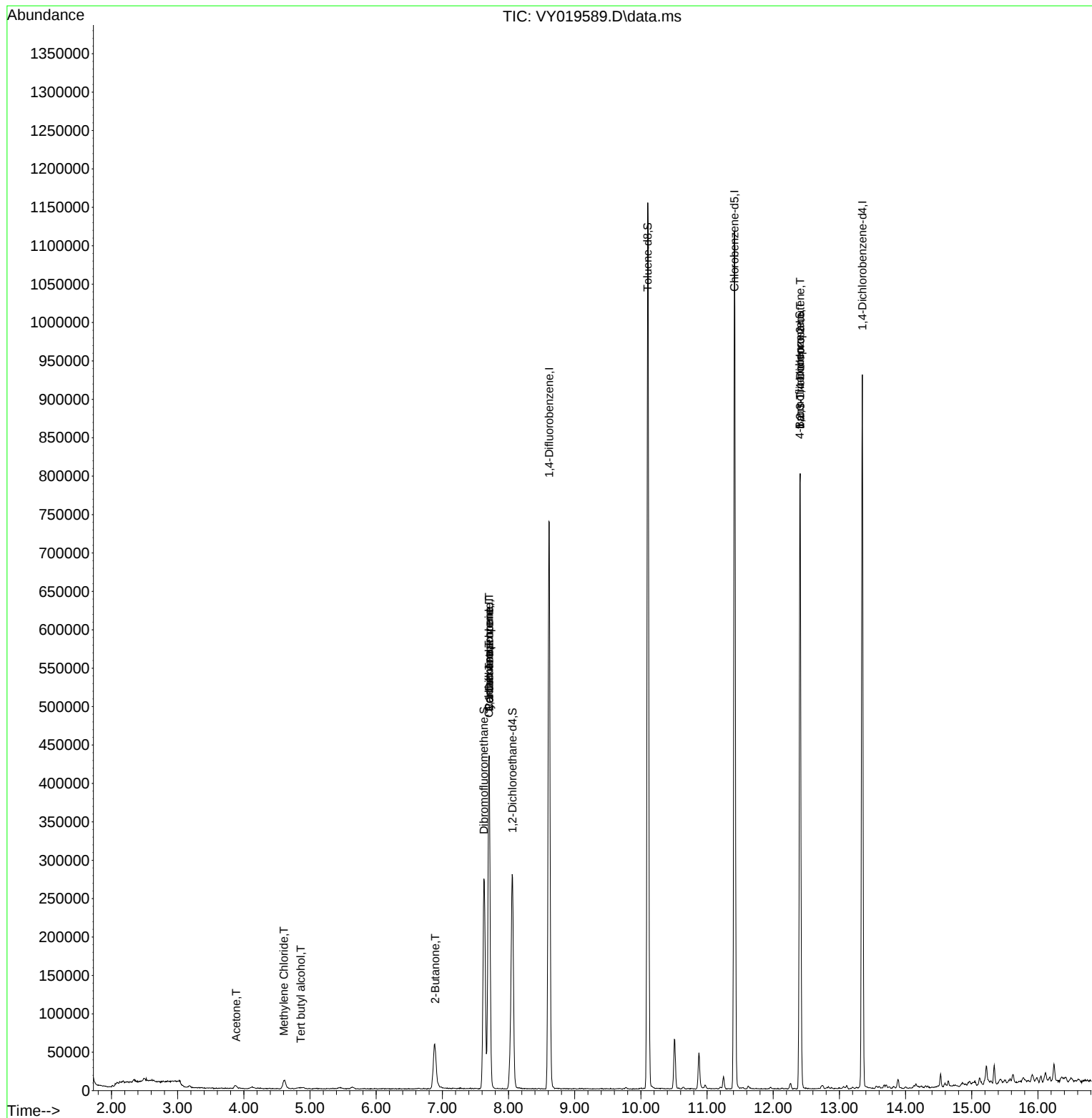
Internal Standards						
1) Pentafluorobenzene	7.707	168	321890	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	627896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	566745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	219083	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	196503	65.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.860%	
35) Dibromofluoromethane	7.628	113	200026	56.186	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.380%	
50) Toluene-d8	10.103	98	751155	57.045	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.080%	
62) 4-Bromofluorobenzene	12.401	95	250508	49.477	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 98.960%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.873	85	103	Below Cal	#	43
11) Tert butyl alcohol	4.860	59	1312	5.451	ug/l #	65
13) Acrolein	3.659	56	437	Below Cal	#	54
16) Acetone	3.885	43	6981	9.831	ug/l #	83
20) Methylene Chloride	4.604	84	7911	2.443	ug/l #	95
25) 2-Butanone	6.890	43	4825	4.778	ug/l #	64
31) Cyclohexane	7.701	56	8128	1.524	ug/l #	7
36) 1,1-Dichloropropene	7.707	75	28197	5.821	ug/l #	48
38) Carbon Tetrachloride	7.707	117	34934	6.395	ug/l #	16
76) 1,2,3-Trichloropropane	12.408	75	135464	65.969	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	135464	126.642	ug/l #	16

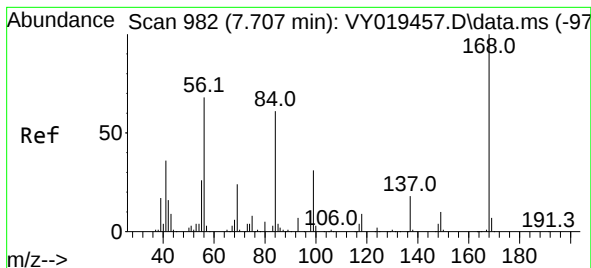
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 9

Delta R.T. 0.000 min

Lab File: VY019589.D

Acq: 17 Sep 2024 16:35

Instrument :

MSVOA_Y

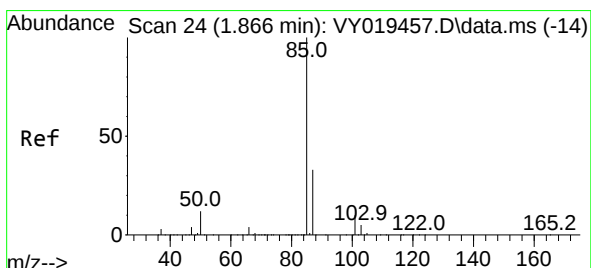
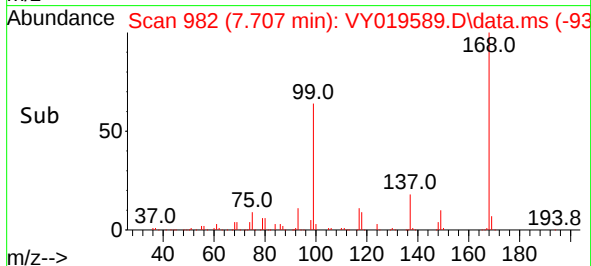
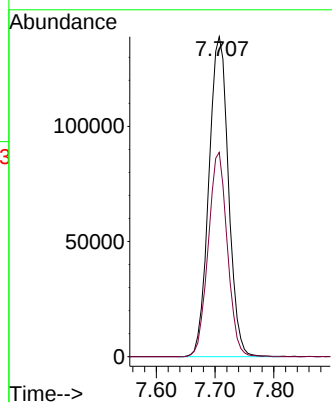
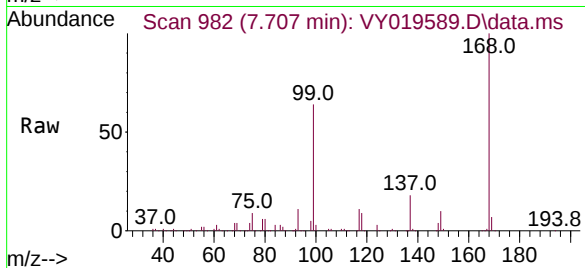
ClientSampleId :

Tgt Ion:168 Resp: 321890

Ion Ratio Lower Upper

168 100

99 63.9 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.873 min Scan# 25

Delta R.T. 0.007 min

Lab File: VY019589.D

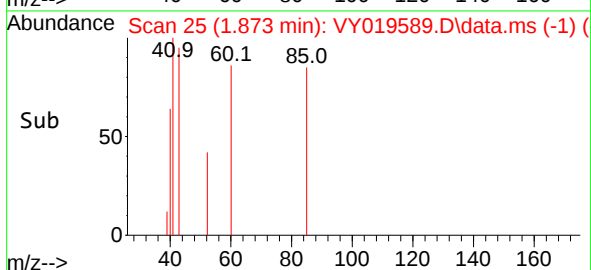
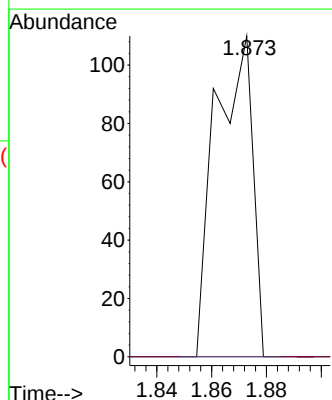
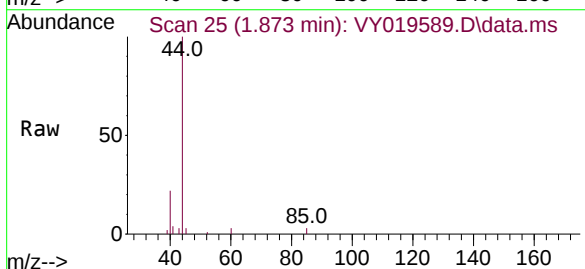
Acq: 17 Sep 2024 16:35

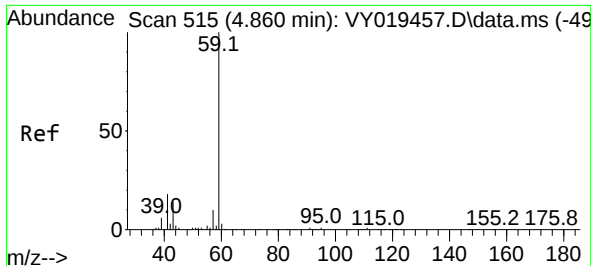
Tgt Ion: 85 Resp: 103

Ion Ratio Lower Upper

85 100

87 0.0 16.0 48.0#





#11

Tert butyl alcohol

Concen: 5.451 ug/l

RT: 4.860 min Scan# 515

Delta R.T. 0.000 min

Lab File: VY019589.D

Acq: 17 Sep 2024 16:35

Instrument :

MSVOA_Y

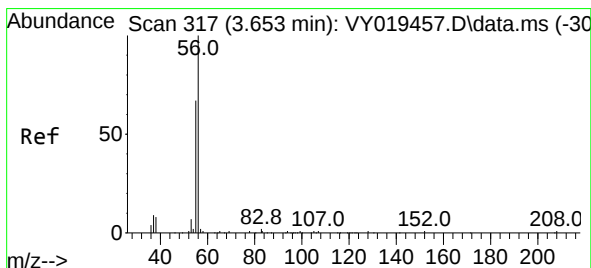
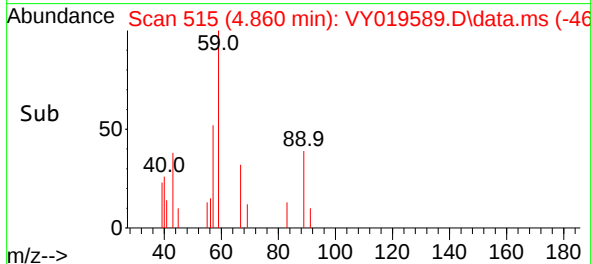
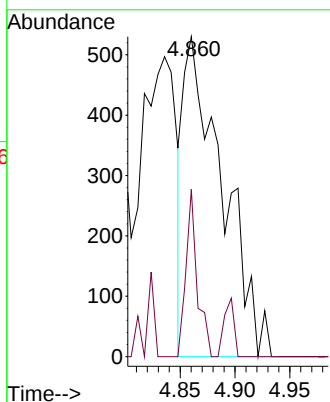
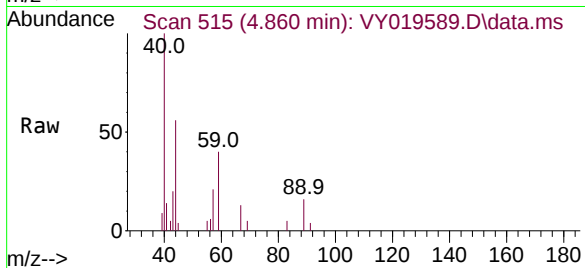
ClientSampleId :

Tgt Ion: 59 Resp: 1312

Ion Ratio Lower Upper

59 100

57 15.2 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.659 min Scan# 318

Delta R.T. 0.006 min

Lab File: VY019589.D

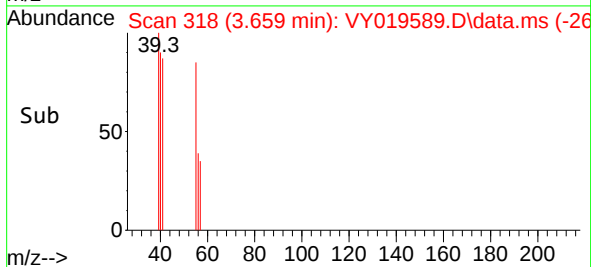
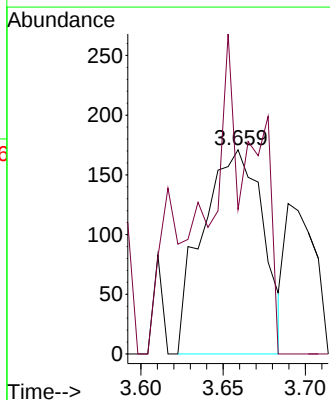
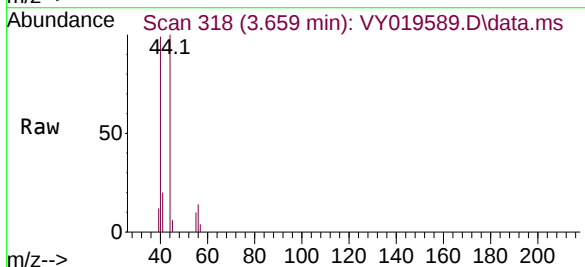
Acq: 17 Sep 2024 16:35

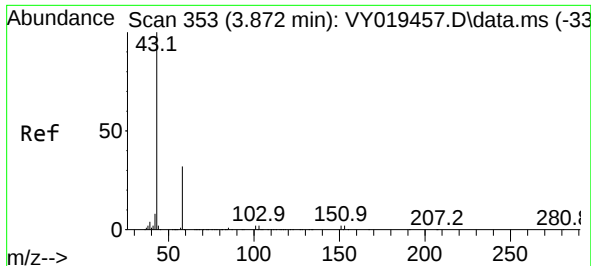
Tgt Ion: 56 Resp: 437

Ion Ratio Lower Upper

56 100

55 107.6 55.7 83.5#

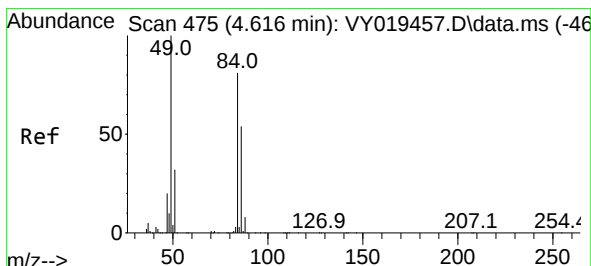
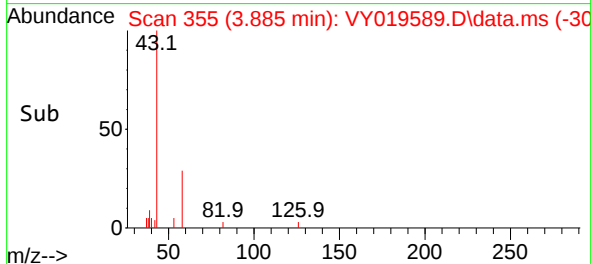
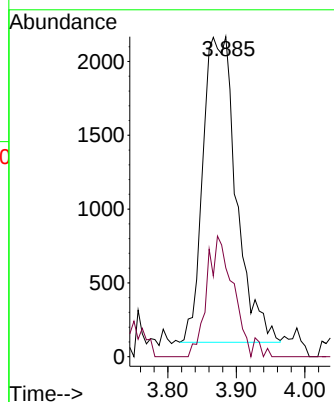
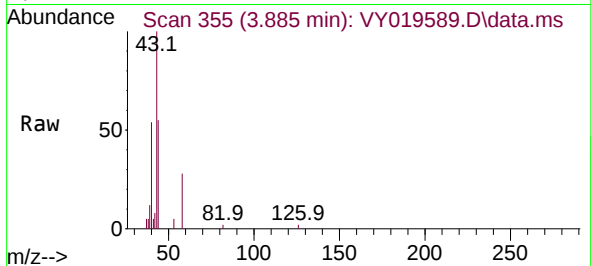




#16
Acetone
Concen: 9.831 ug/l
RT: 3.885 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY019589.D
Acq: 17 Sep 2024 16:35

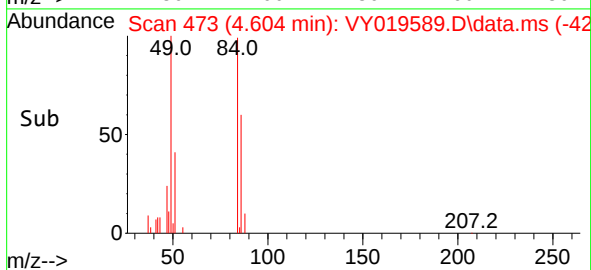
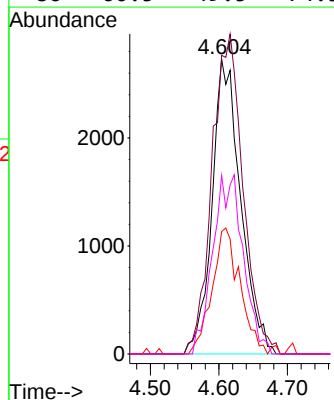
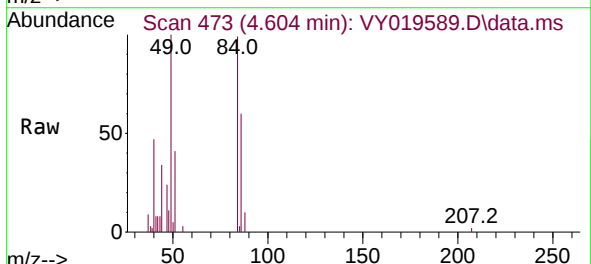
Instrument :
MSVOA_Y
ClientSampleId :

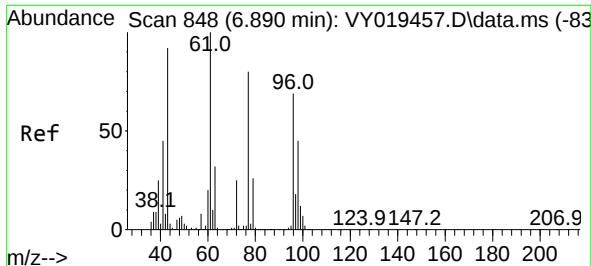
Tgt Ion: 43 Resp: 6981
Ion Ratio Lower Upper
43 100
58 29.1 31.7 47.5#



#20
Methylene Chloride
Concen: 2.443 ug/l
RT: 4.604 min Scan# 473
Delta R.T. -0.012 min
Lab File: VY019589.D
Acq: 17 Sep 2024 16:35

Tgt Ion: 84 Resp: 7911
Ion Ratio Lower Upper
84 100
49 101.3 84.4 126.6
51 41.6 26.0 39.0#
86 60.5 49.5 74.3

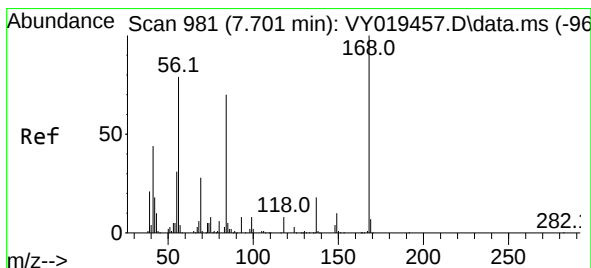
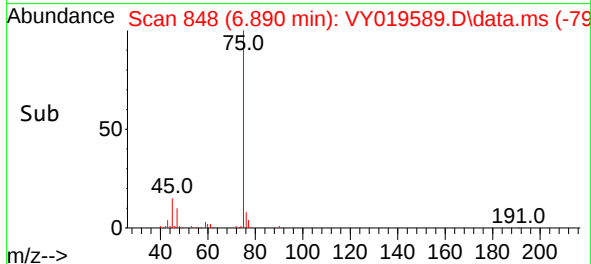
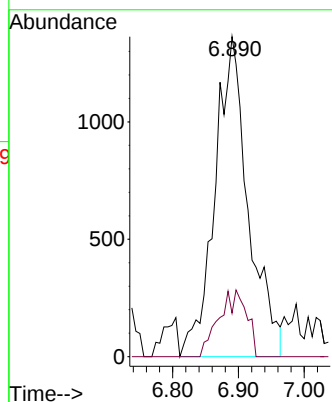
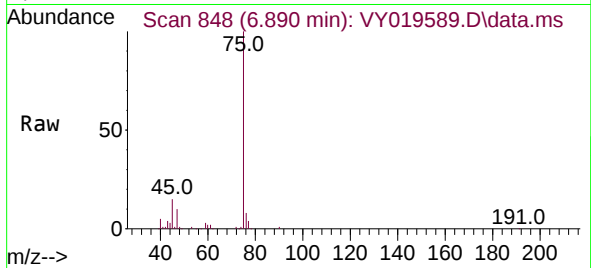




#25
2-Butanone
Concen: 4.778 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019589.D
Acq: 17 Sep 2024 16:35

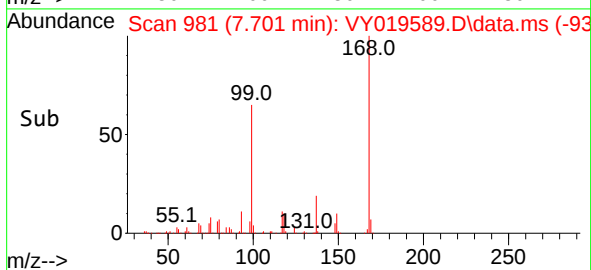
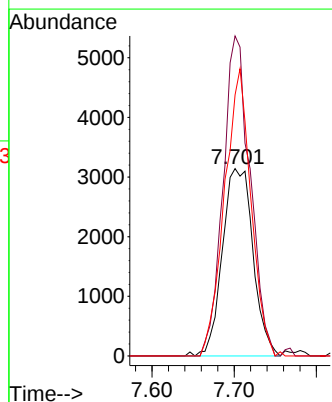
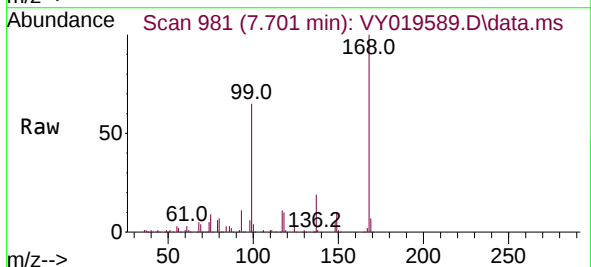
Instrument :
MSVOA_Y
ClientSampleId :

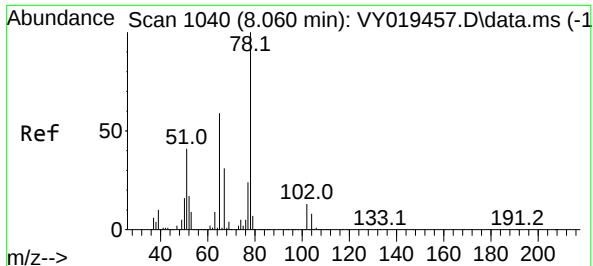
Tgt Ion: 43 Resp: 4825
Ion Ratio Lower Upper
43 100
72 13.6 27.3 40.9#



#31
Cyclohexane
Concen: 1.524 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019589.D
Acq: 17 Sep 2024 16:35

Tgt Ion: 56 Resp: 8128
Ion Ratio Lower Upper
56 100
69 170.8 28.7 43.1#
84 139.4 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 65.927 ug/l

RT: 8.061 min Scan# 1104

Delta R.T. 0.000 min

Lab File: VY019589.D

Acq: 17 Sep 2024 16:35

Instrument :

MSVOA_Y

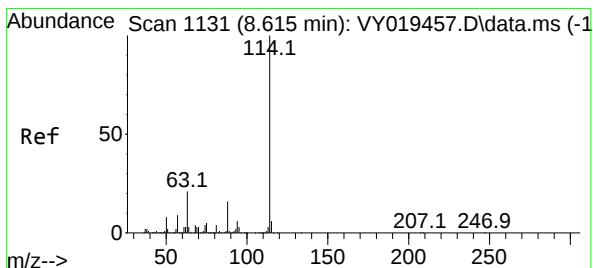
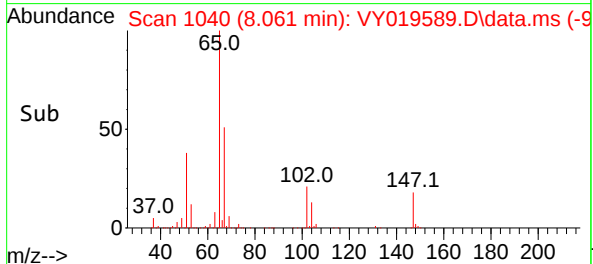
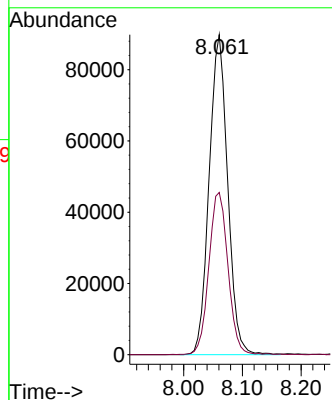
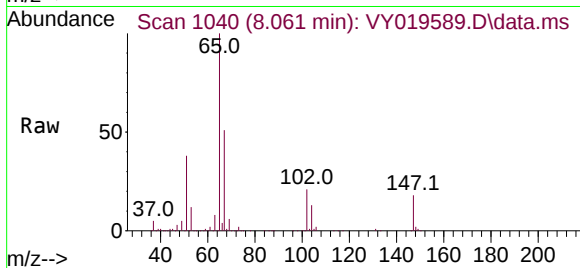
ClientSampleId :

Tgt Ion: 65 Resp: 196503

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: VY019589.D

Acq: 17 Sep 2024 16:35

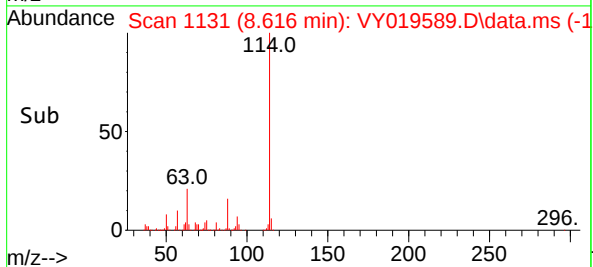
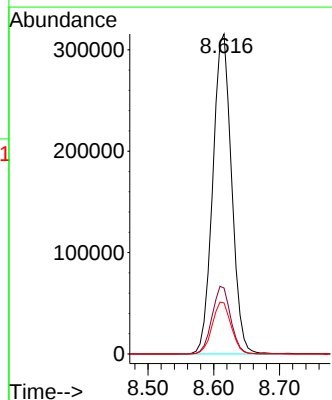
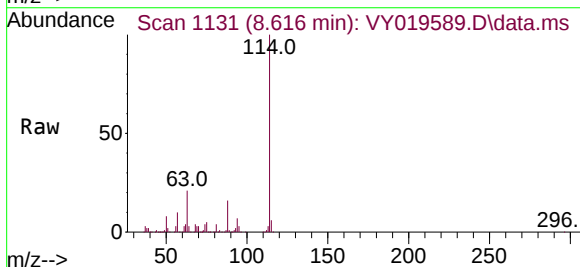
Tgt Ion:114 Resp: 627896

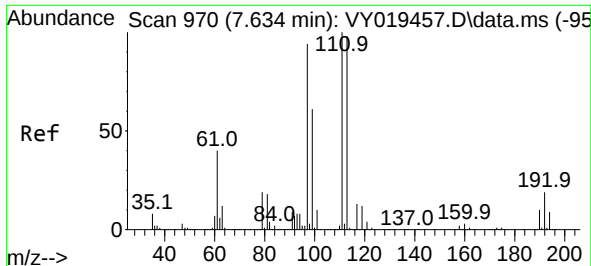
Ion Ratio Lower Upper

114 100

63 20.6 0.0 35.0

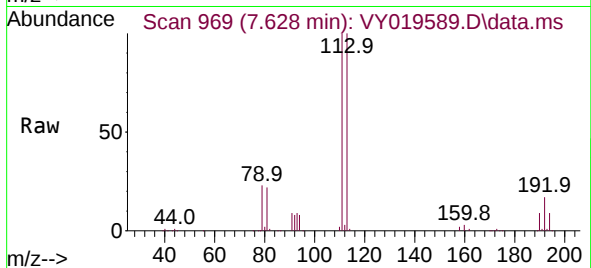
88 15.9 0.0 27.2



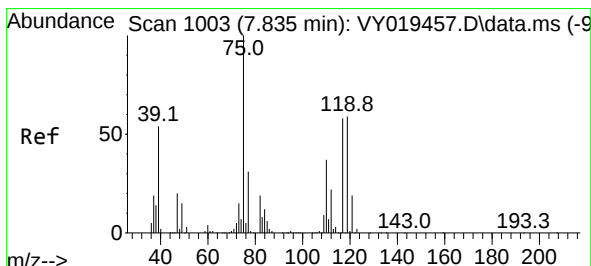
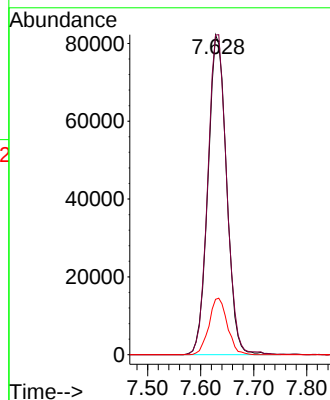
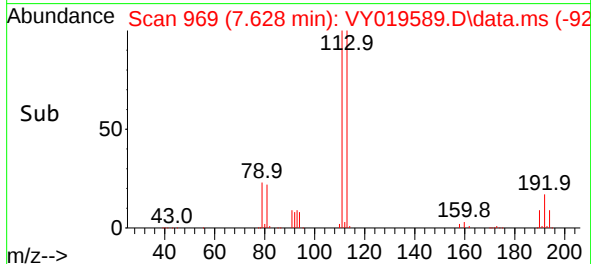


#35
Dibromofluoromethane
Concen: 56.186 ug/l
RT: 7.628 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY019589.D
Acq: 17 Sep 2024 16:35

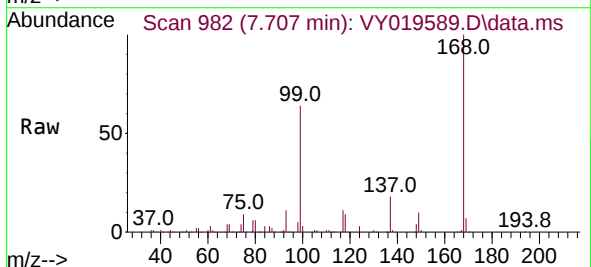
Instrument :
MSVOA_Y
ClientSampleId :



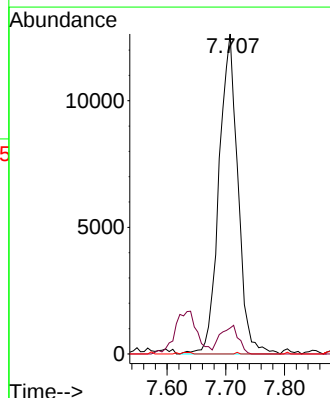
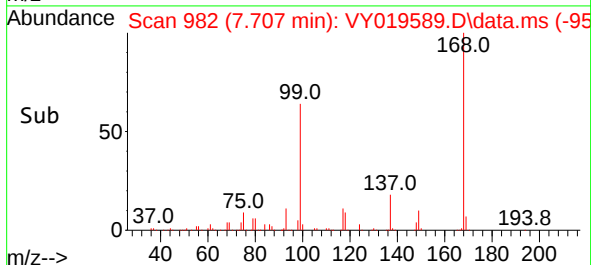
Tgt Ion:113 Resp: 200026
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 17.4 15.9 23.9

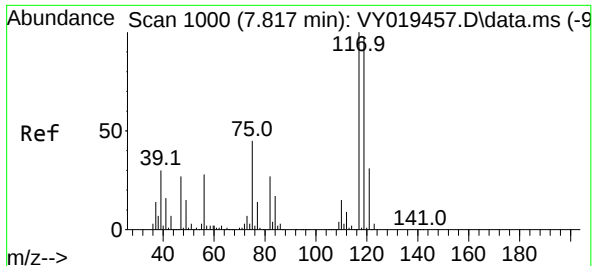


#36
1,1-Dichloropropene
Concen: 5.821 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019589.D
Acq: 17 Sep 2024 16:35



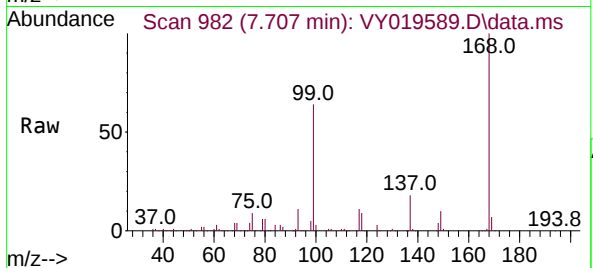
Tgt Ion: 75 Resp: 28197
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.1 25.3 37.9#



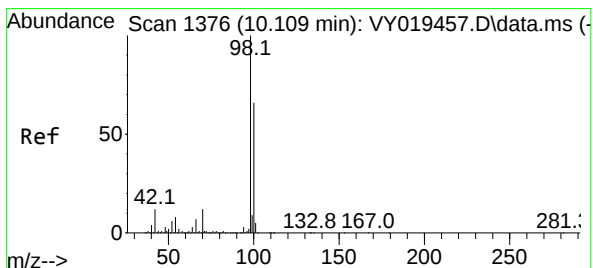
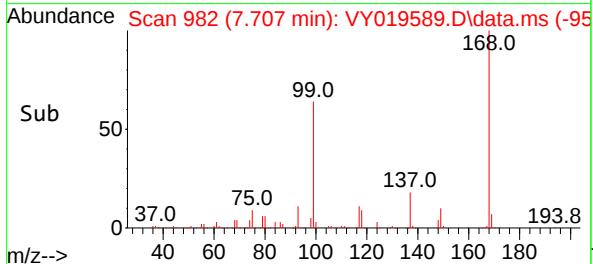
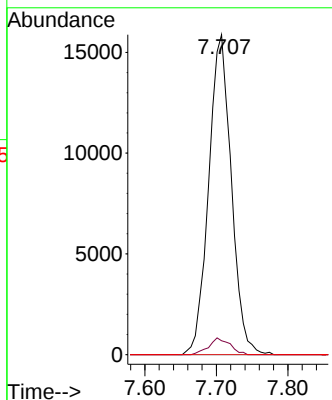


#38
Carbon Tetrachloride
Concen: 6.395 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY019589.D
Acq: 17 Sep 2024 16:35

Instrument :
MSVOA_Y
ClientSampleId :

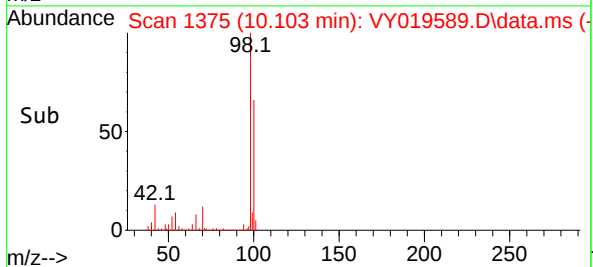
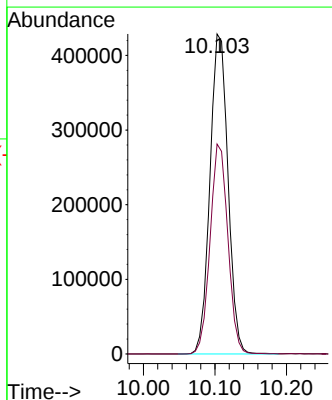
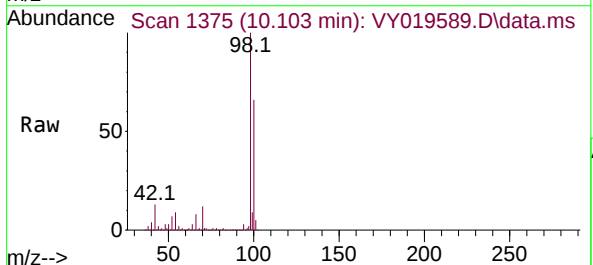


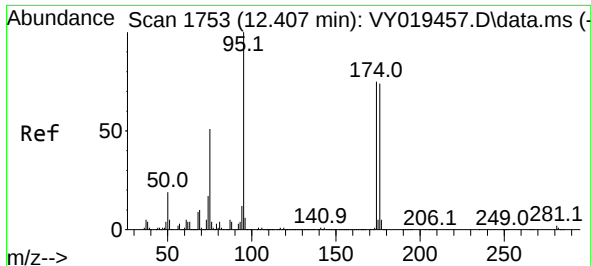
Tgt Ion:117 Resp: 34934
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 57.045 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY019589.D
Acq: 17 Sep 2024 16:35

Tgt Ion: 98 Resp: 751155
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

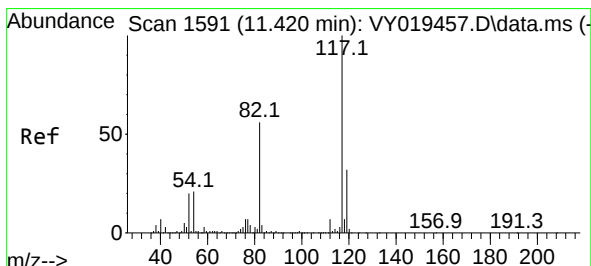
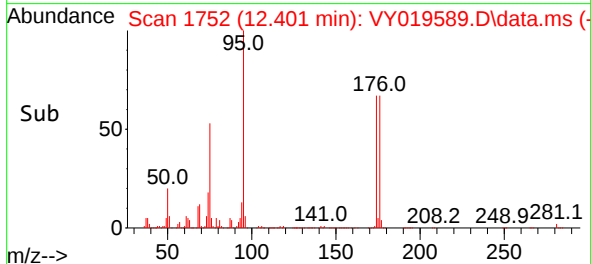
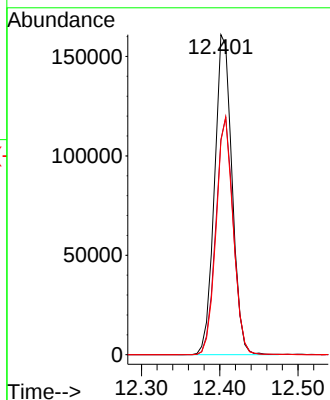
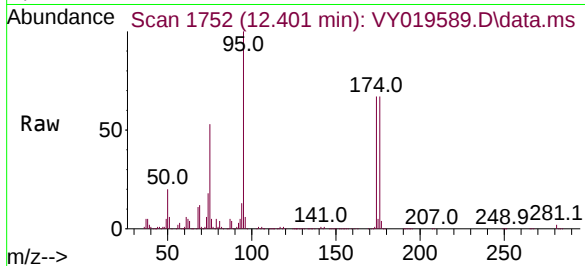




#62
4-Bromofluorobenzene
Concen: 49.477 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019589.D
Acq: 17 Sep 2024 16:35

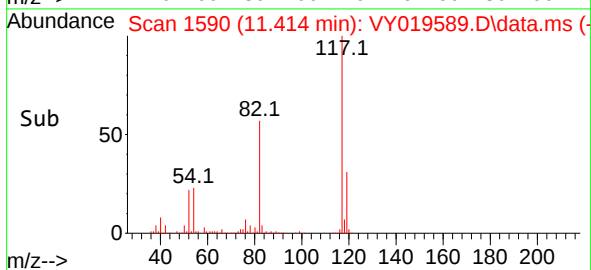
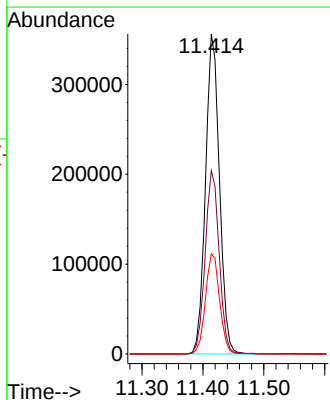
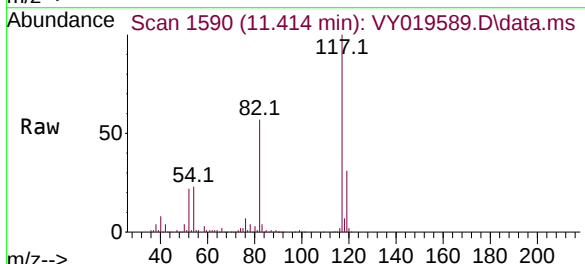
Instrument :
MSVOA_Y
ClientSampleId :

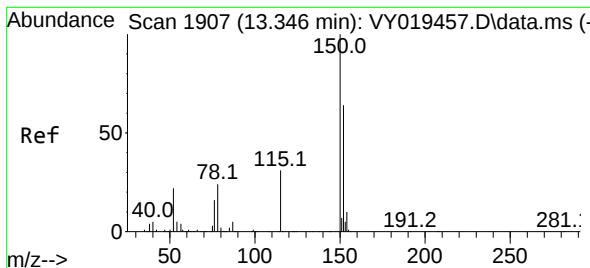
Tgt Ion: 95 Resp: 250508
Ion Ratio Lower Upper
95 100
174 73.8 0.0 175.6
176 72.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019589.D
Acq: 17 Sep 2024 16:35

Tgt Ion: 117 Resp: 566745
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 31.3 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: VY019589.D

Acq: 17 Sep 2024 16:35

Instrument :

MSVOA_Y

ClientSampleId :

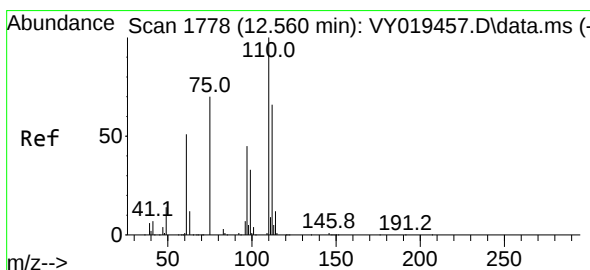
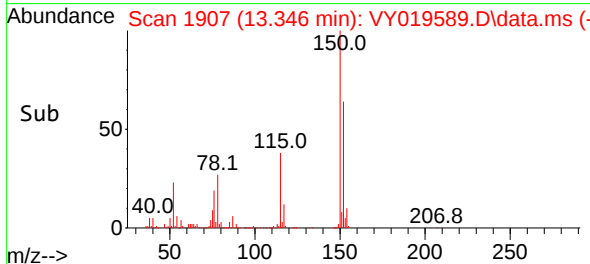
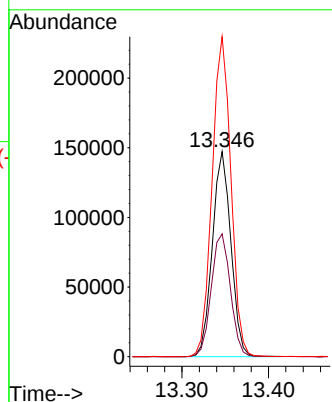
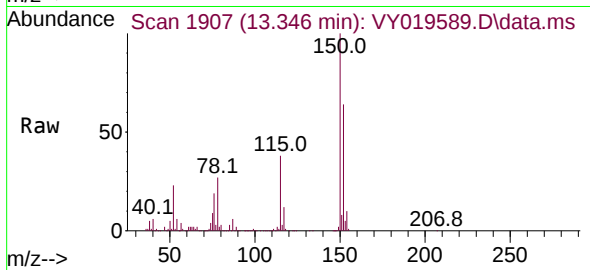
Tgt Ion:152 Resp: 219083

Ion Ratio Lower Upper

152 100

115 61.9 28.2 84.7

150 158.0 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 65.969 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019589.D

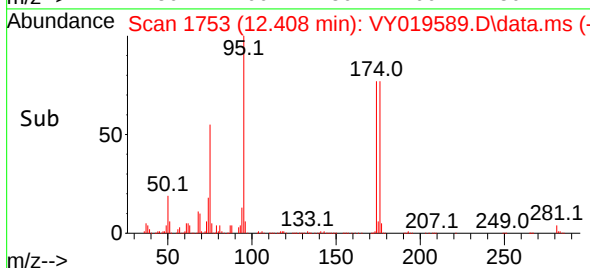
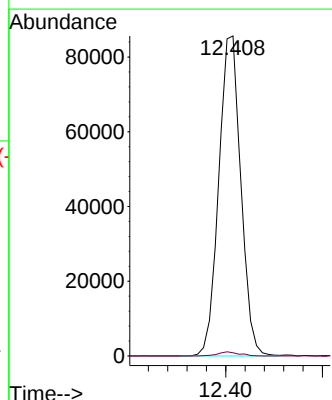
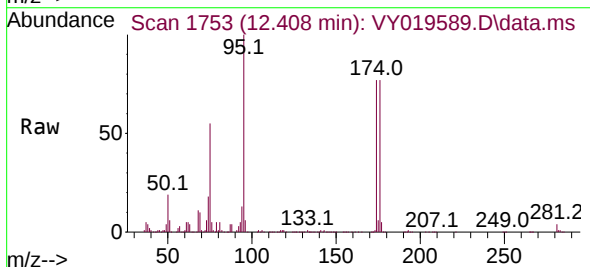
Acq: 17 Sep 2024 16:35

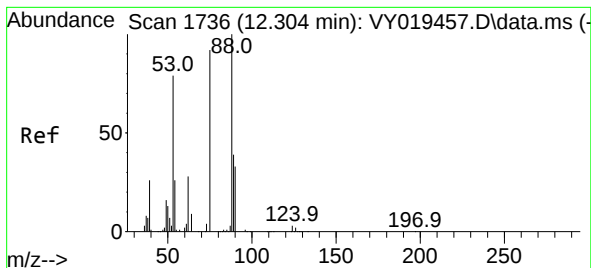
Tgt Ion: 75 Resp: 135464

Ion Ratio Lower Upper

75 100

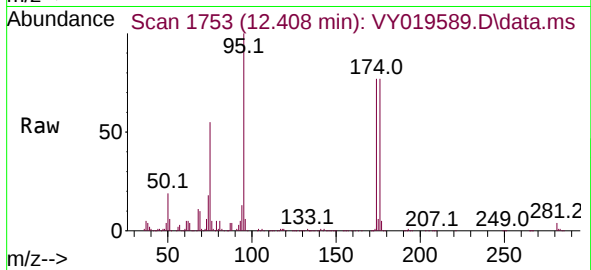
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.642 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019589.D
 Acq: 17 Sep 2024 16:35

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 135464
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.1 35.8 53.6#

