

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
 Data File : VY019488.D
 Acq On : 10 Sep 2024 15:24
 Operator : SY/MD
 Sample : P3880-03
 Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 11 01:50:07 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)

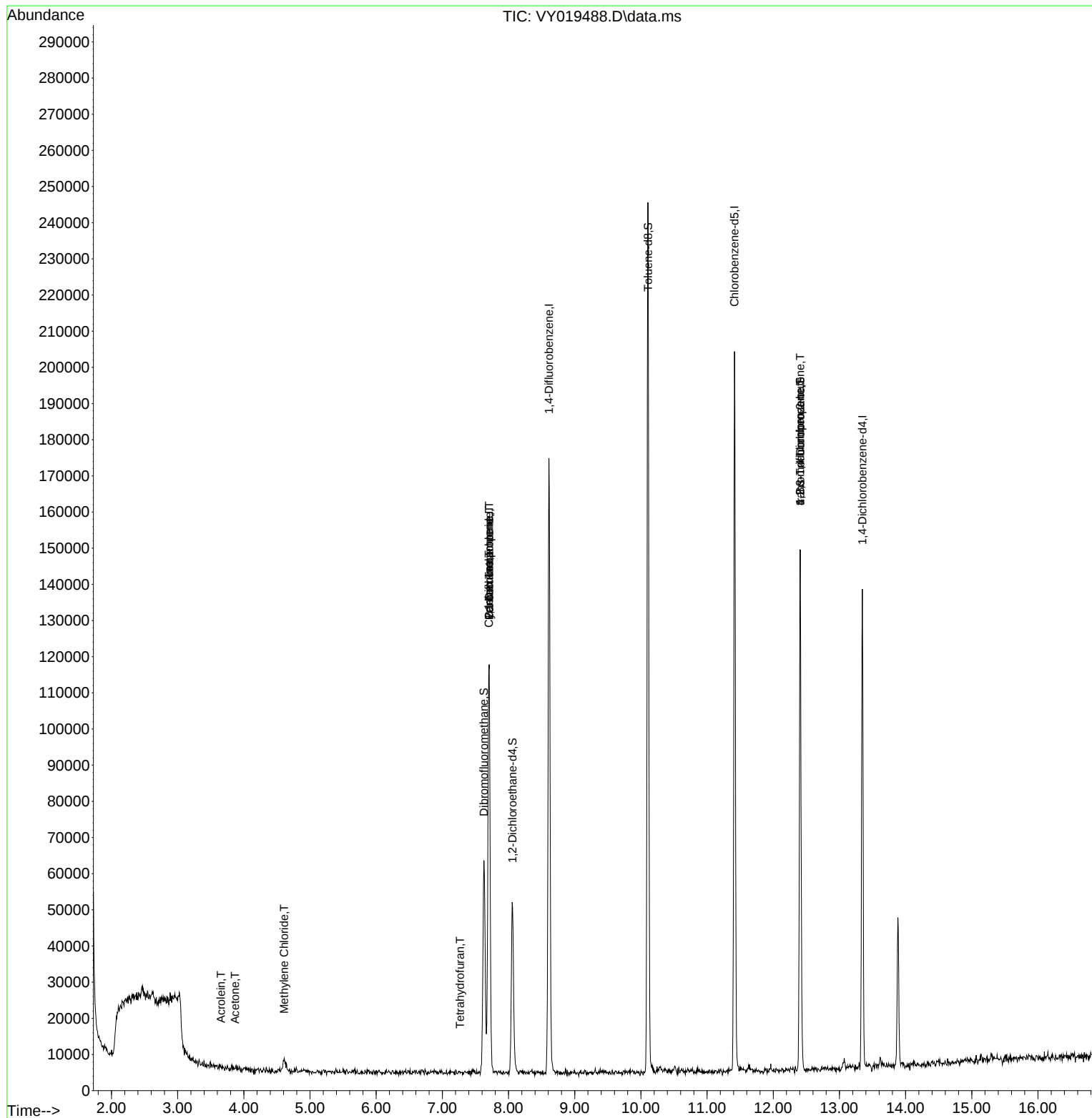
Internal Standards						
1) Pentafluorobenzene	7.707	168	86728	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	144330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	102967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	32754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	38889	48.425	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.840%
35) Dibromofluoromethane	7.628	113	41526	50.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.500%
50) Toluene-d8	10.109	98	159428	52.672	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.340%
62) 4-Bromofluorobenzene	12.408	95	42960	36.913	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.983	85	38	Below Cal	#	43
13) Acrolein	3.653	56	493	1.550	ug/l #	70
16) Acetone	3.867	43	893	4.668	ug/l	92
20) Methylene Chloride	4.610	84	2637	3.022	ug/l	93
29) Tetrahydrofuran	7.268	42	234	1.414	ug/l #	69
31) Cyclohexane	7.701	56	2656	1.848	ug/l #	17
36) 1,1-Dichloropropene	7.707	75	7503	6.738	ug/l #	51
38) Carbon Tetrachloride	7.707	117	8957	7.133	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	22474	73.205	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	22474	140.533	ug/l #	16

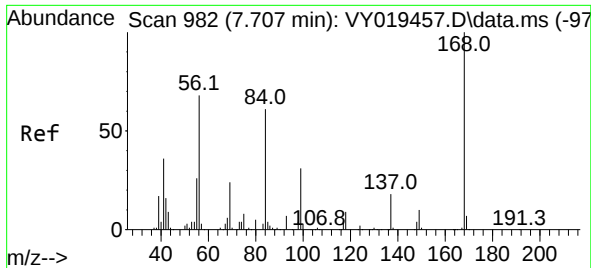
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091024\
Data File : VY019488.D
Acq On : 10 Sep 2024 15:24
Operator : SY/MD
Sample : P3880-03
Misc : 5.11g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 11 01:50:07 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

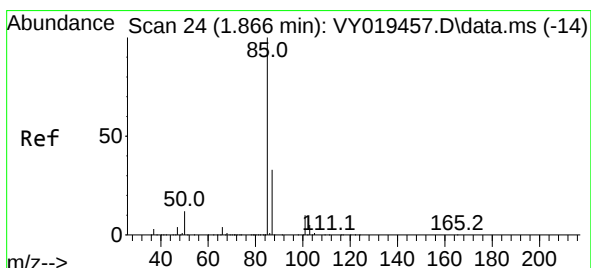
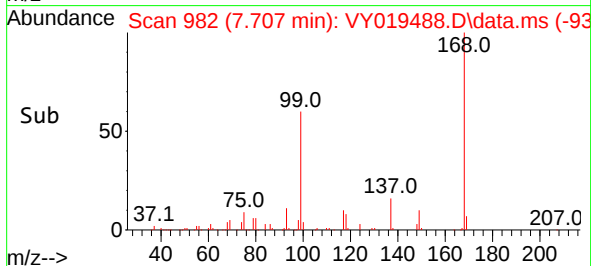
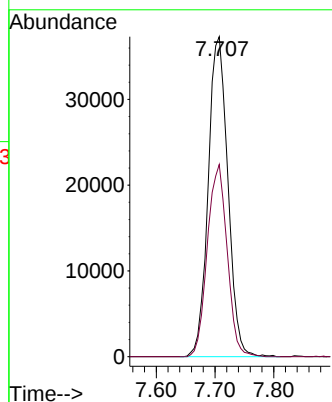
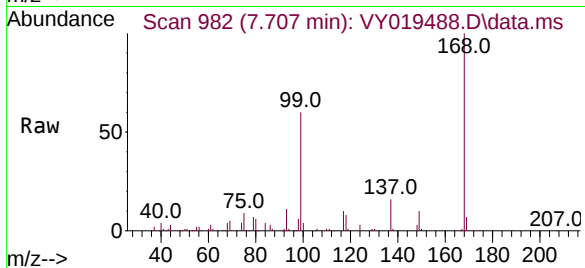




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019488.D
Acq: 10 Sep 2024 15:24

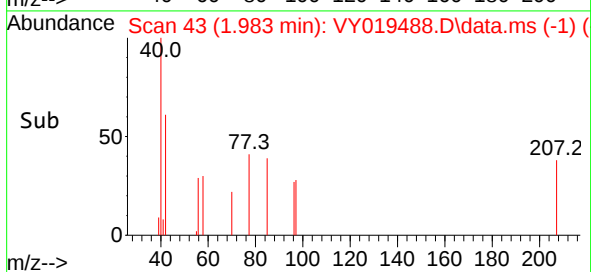
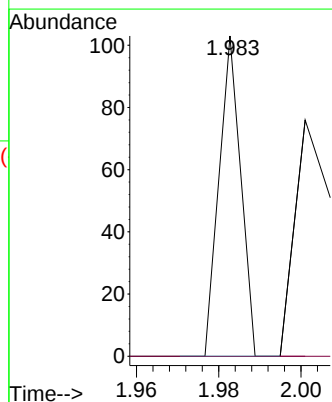
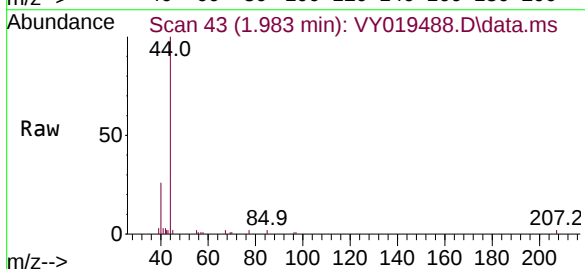
Instrument :
MSVOA_Y
ClientSampleId :

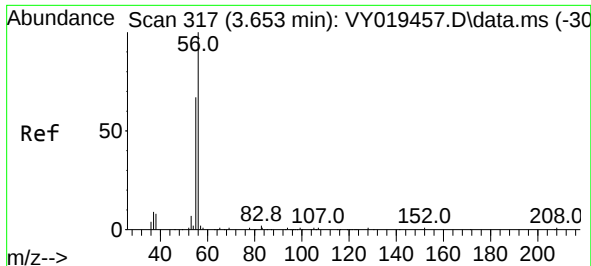
Tgt Ion:168 Resp: 86728
Ion Ratio Lower Upper
168 100
99 60.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.983 min Scan# 43
Delta R.T. 0.117 min
Lab File: VY019488.D
Acq: 10 Sep 2024 15:24

Tgt Ion: 85 Resp: 38
Ion Ratio Lower Upper
85 100
87 0.0 16.0 48.0#

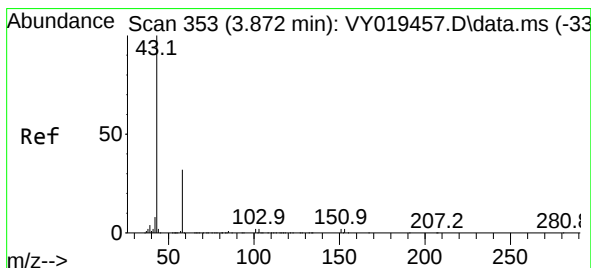
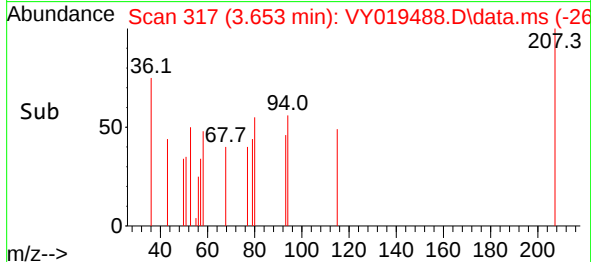
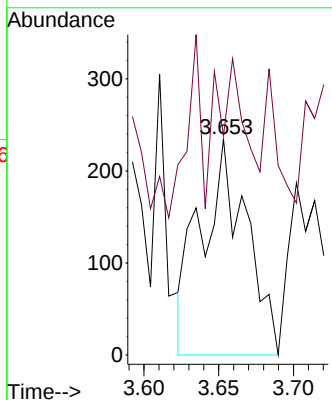
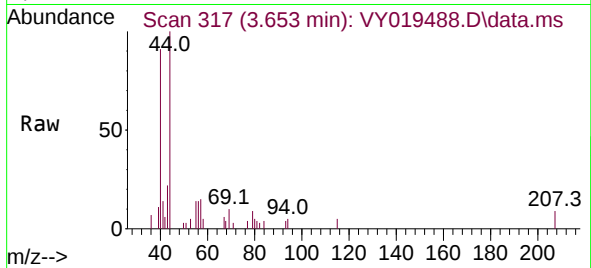




#13
Acrolein
Concen: 1.550 ug/l
RT: 3.653 min Scan# 317
Delta R.T. 0.000 min
Lab File: VY019488.D
Acq: 10 Sep 2024 15:24

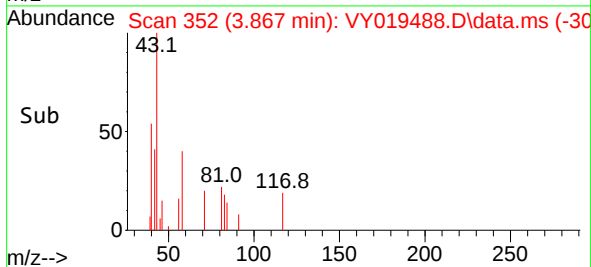
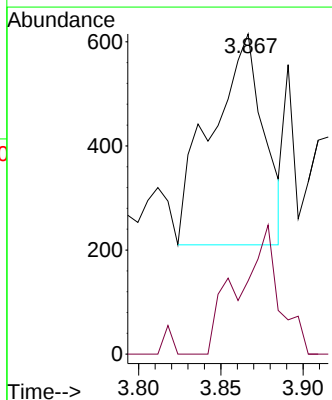
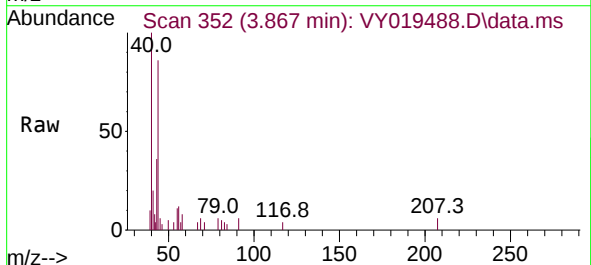
Instrument :
MSVOA_Y
ClientSampleId :

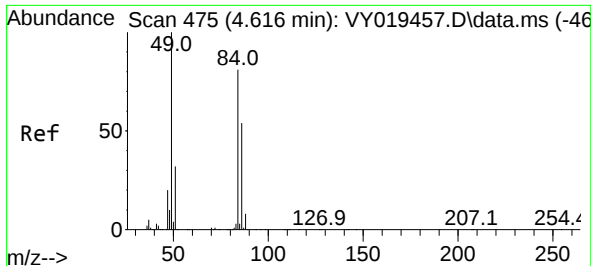
Tgt Ion: 56 Resp: 493
Ion Ratio Lower Upper
56 100
55 45.2 55.7 83.5#



#16
Acetone
Concen: 4.668 ug/l
RT: 3.867 min Scan# 352
Delta R.T. -0.006 min
Lab File: VY019488.D
Acq: 10 Sep 2024 15:24

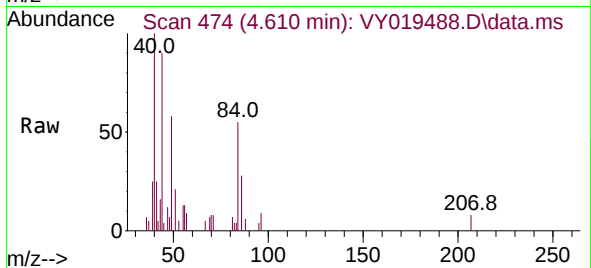
Tgt Ion: 43 Resp: 893
Ion Ratio Lower Upper
43 100
58 34.8 31.7 47.5



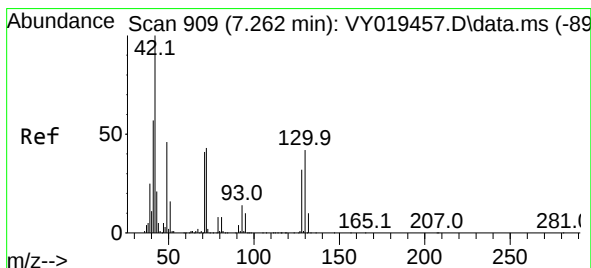
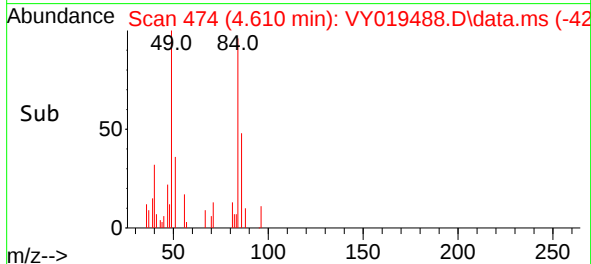
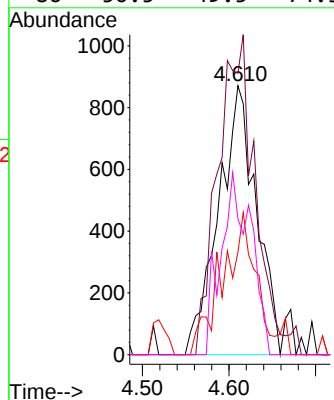


#20
Methylene Chloride
Concen: 3.022 ug/l
RT: 4.610 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019488.D
Acq: 10 Sep 2024 15:24

Instrument :
MSVOA_Y
ClientSampleId :

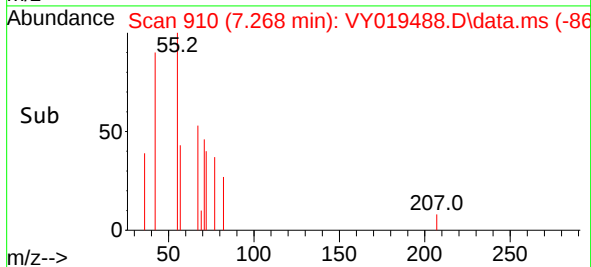
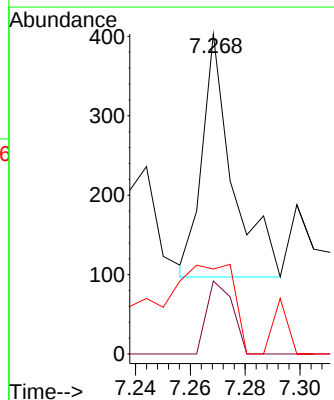
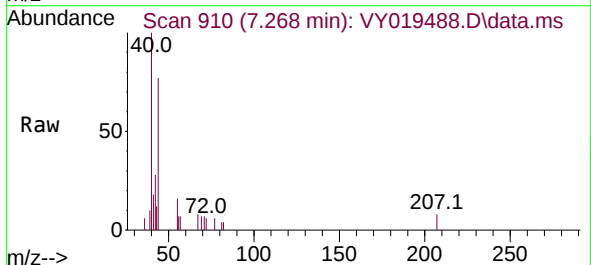


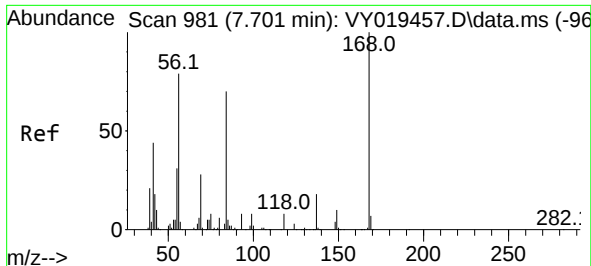
Tgt Ion:	84	Resp:	2637
Ion	Ratio	Lower	Upper
84	100		
49	104.6	84.4	126.6
51	38.1	26.0	39.0
86	50.5	49.5	74.3



#29
Tetrahydrofuran
Concen: 1.414 ug/l
RT: 7.268 min Scan# 910
Delta R.T. 0.007 min
Lab File: VY019488.D
Acq: 10 Sep 2024 15:24

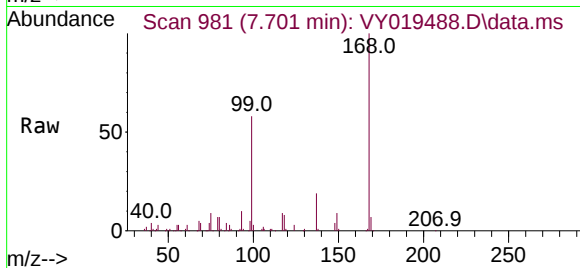
Tgt Ion:	42	Resp:	234
Ion	Ratio	Lower	Upper
42	100		
72	25.6	43.0	64.4#
71	66.2	40.8	61.2#



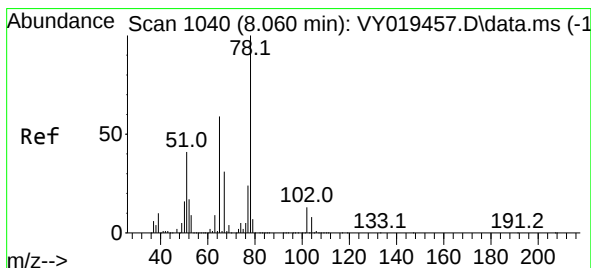
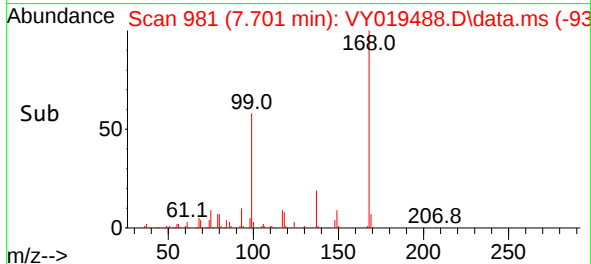
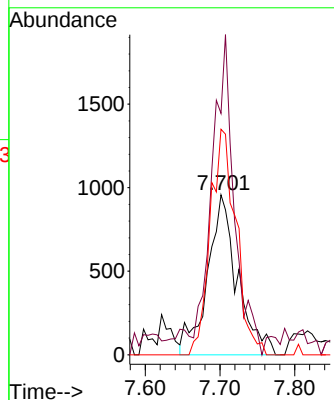


#31
Cyclohexane
Concen: 1.848 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019488.D
Acq: 10 Sep 2024 15:24

Instrument :
MSVOA_Y
ClientSampleId :

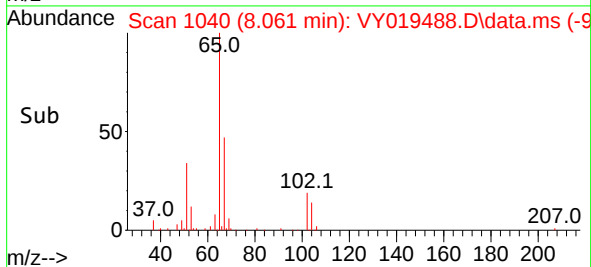
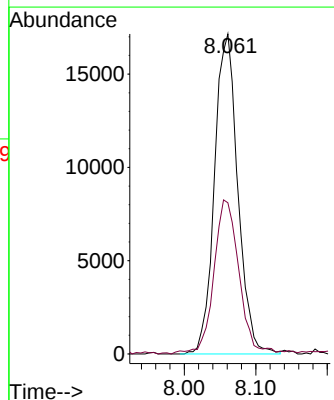
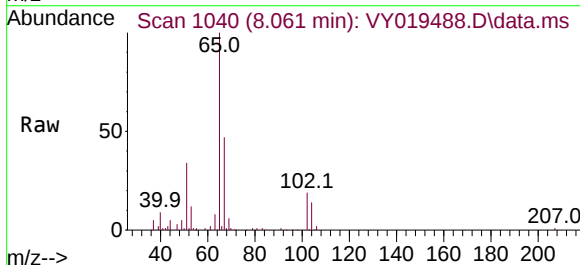


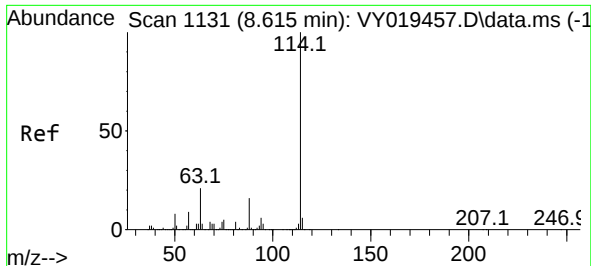
Tgt Ion: 56 Resp: 2656
Ion Ratio Lower Upper
56 100
69 144.5 28.7 43.1#
84 141.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 48.425 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019488.D
Acq: 10 Sep 2024 15:24

Tgt Ion: 65 Resp: 38889
Ion Ratio Lower Upper
65 100
67 52.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.610 min Scan# 1131

Delta R.T. -0.006 min

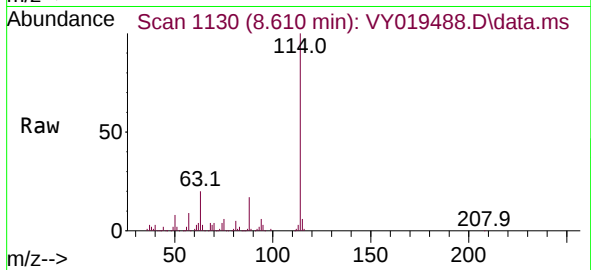
Lab File: VY019488.D

Acq: 10 Sep 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :



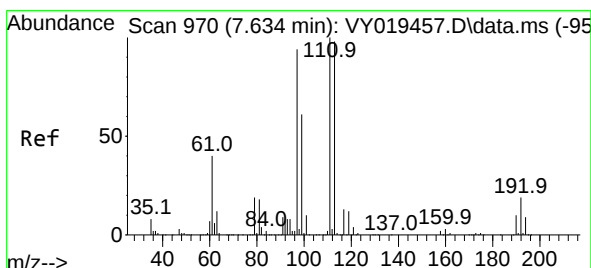
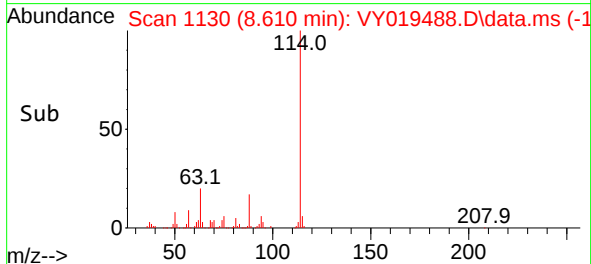
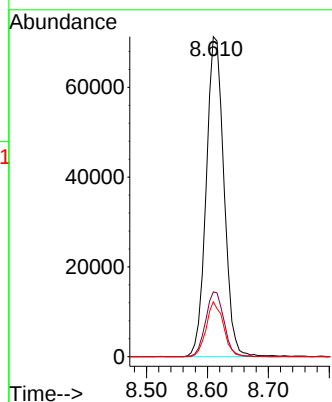
Tgt Ion:114 Resp: 144330

Ion Ratio Lower Upper

114 100

63 20.3 0.0 35.0

88 17.1 0.0 27.2



#35

Dibromofluoromethane

Concen: 50.745 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019488.D

Acq: 10 Sep 2024 15:24

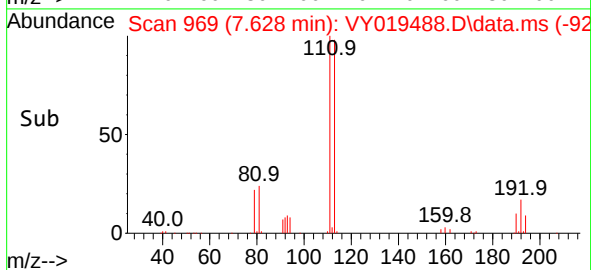
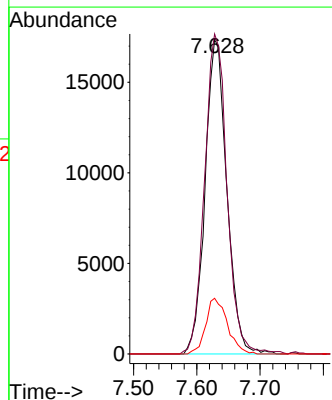
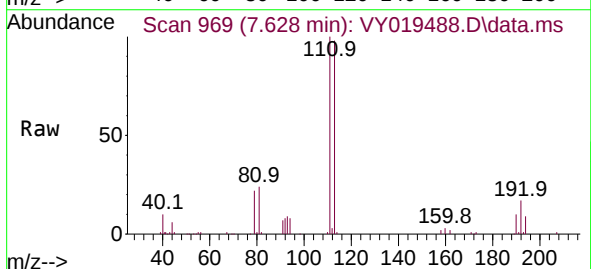
Tgt Ion:113 Resp: 41526

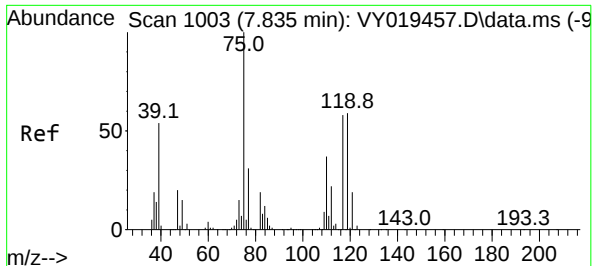
Ion Ratio Lower Upper

113 100

111 105.0 82.2 123.4

192 17.6 15.9 23.9





#36

1,1-Dichloropropene

Concen: 6.738 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

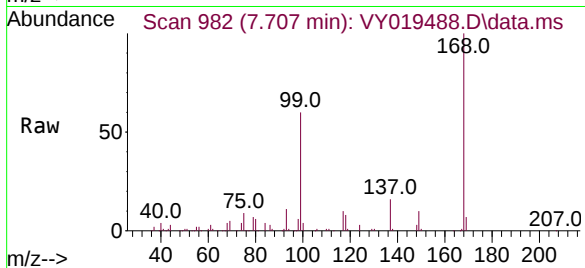
Lab File: VY019488.D

Acq: 10 Sep 2024 15:24

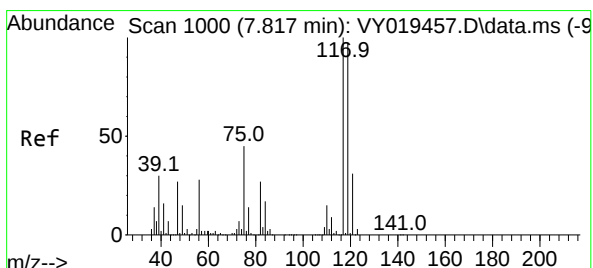
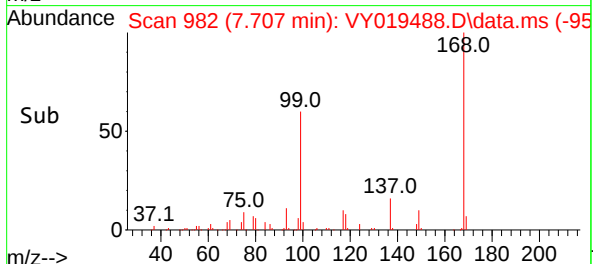
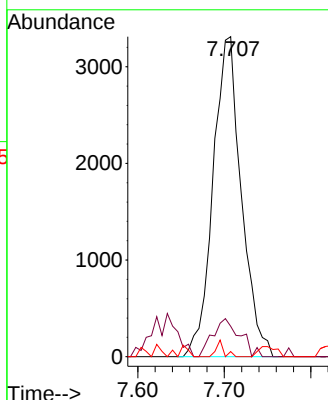
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	7503
Ion	Ratio	Lower	Upper
75	100		
110	11.5	19.0	57.0#
77	1.4	25.3	37.9#



#38

Carbon Tetrachloride

Concen: 7.133 ug/l

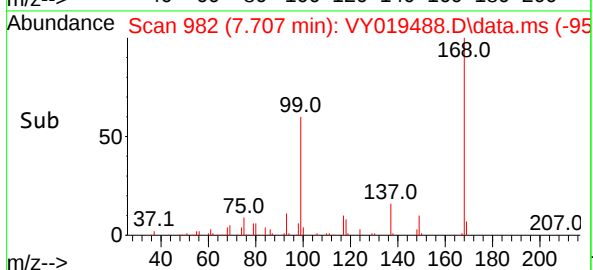
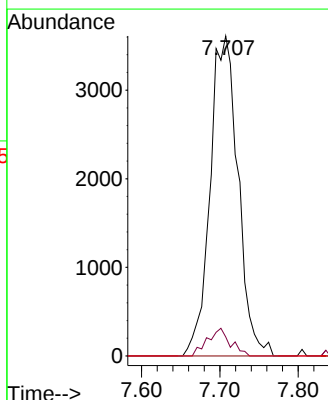
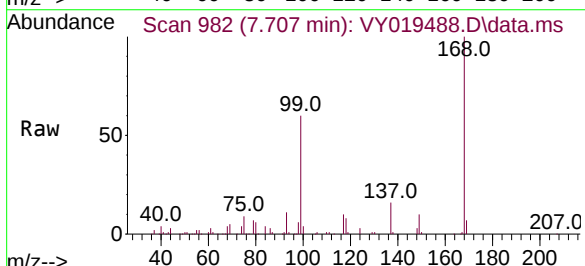
RT: 7.707 min Scan# 982

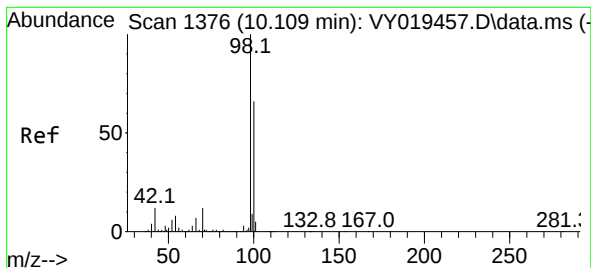
Delta R.T. -0.109 min

Lab File: VY019488.D

Acq: 10 Sep 2024 15:24

Tgt Ion:	117	Resp:	8957
Ion	Ratio	Lower	Upper
117	100		
119	6.0	75.8	113.6#
121	0.0	24.0	36.0#





#50

Toluene-d8

Concen: 52.672 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019488.D

Acq: 10 Sep 2024 15:24

Instrument :

MSVOA_Y

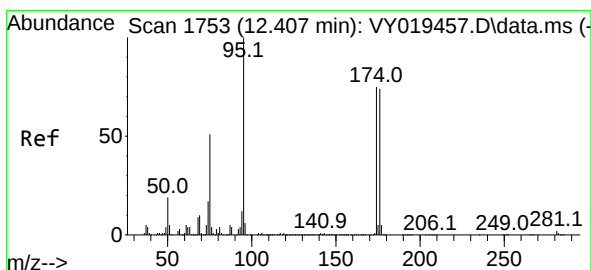
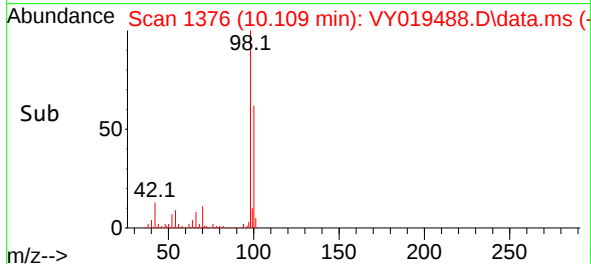
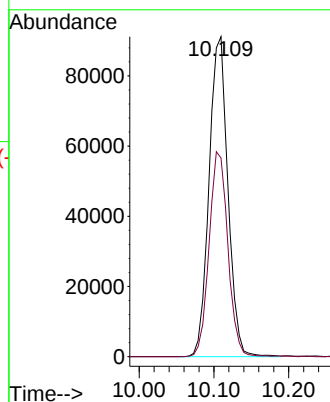
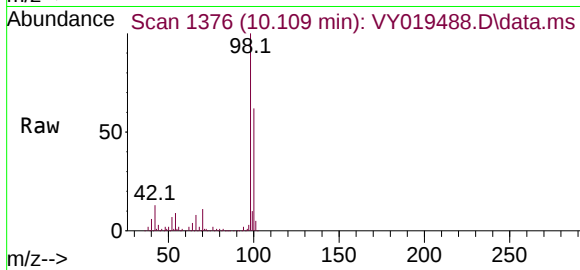
ClientSampleId :

Tgt Ion: 98 Resp: 159428

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 36.913 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.000 min

Lab File: VY019488.D

Acq: 10 Sep 2024 15:24

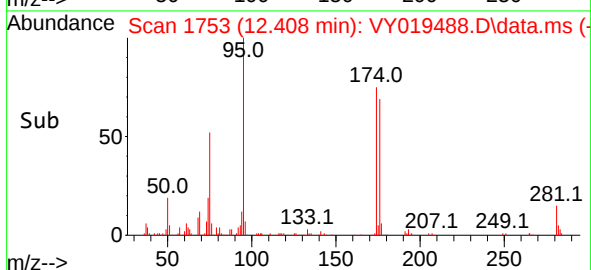
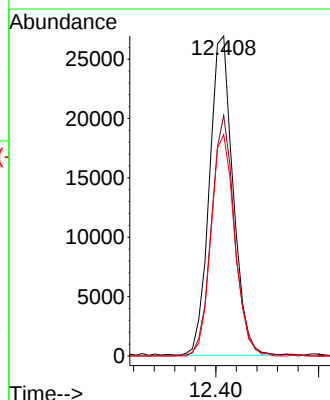
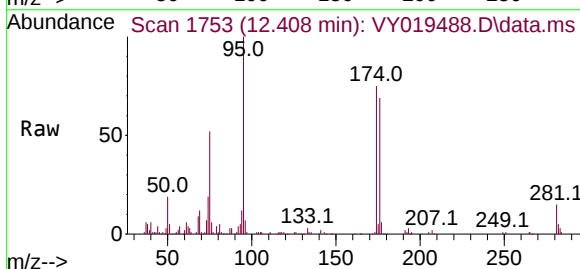
Tgt Ion: 95 Resp: 42960

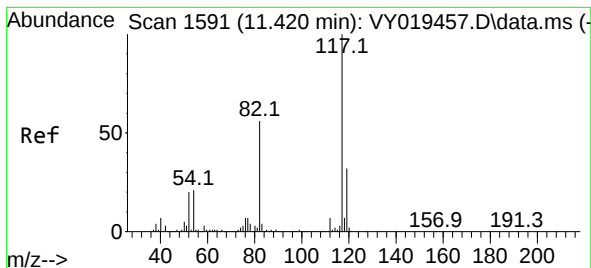
Ion Ratio Lower Upper

95 100

174 74.1 0.0 175.6

176 70.0 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: VY019488.D

Acq: 10 Sep 2024 15:24

Instrument :

MSVOA_Y

ClientSampleId :

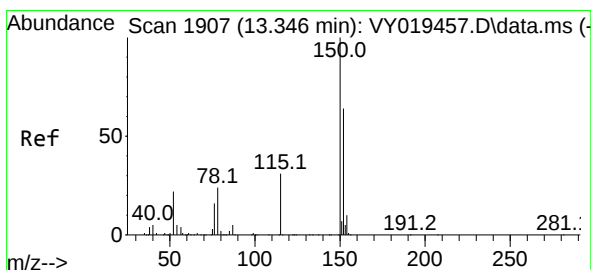
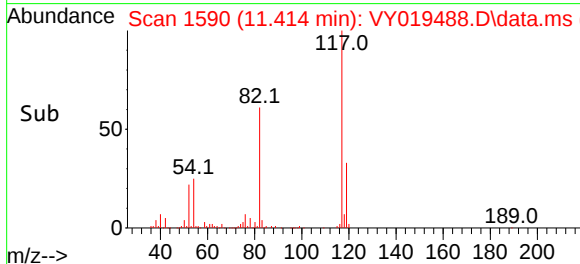
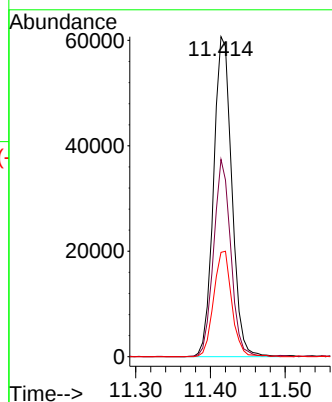
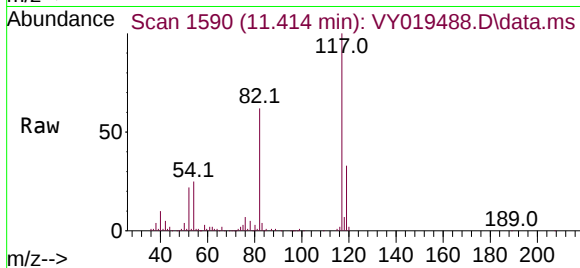
Tgt Ion:117 Resp: 102967

Ion Ratio Lower Upper

117 100

82 61.6 42.4 63.6

119 32.6 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: VY019488.D

Acq: 10 Sep 2024 15:24

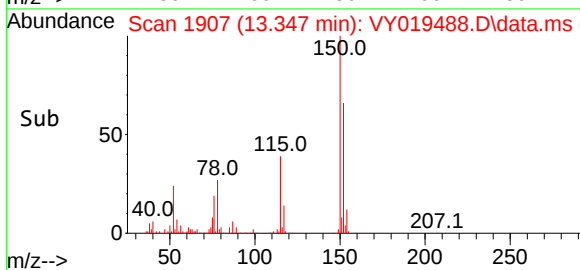
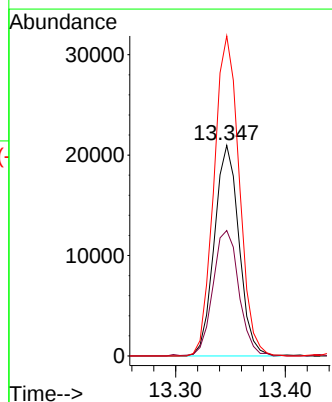
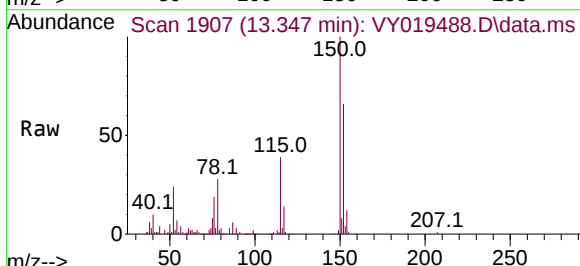
Tgt Ion:152 Resp: 32754

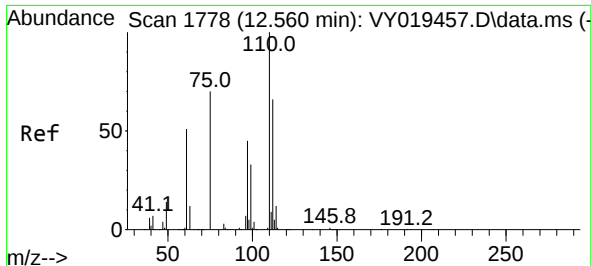
Ion Ratio Lower Upper

152 100

115 62.8 28.2 84.7

150 155.8 0.0 345.6

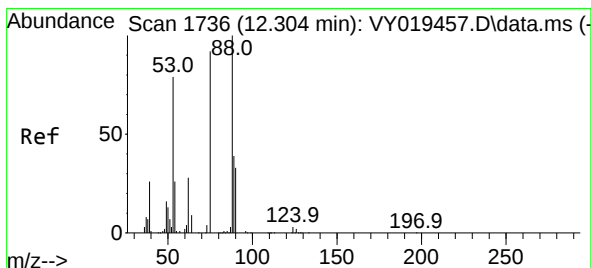
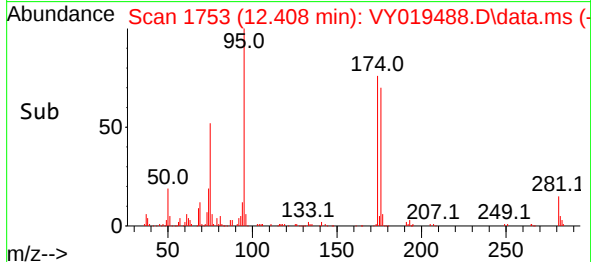
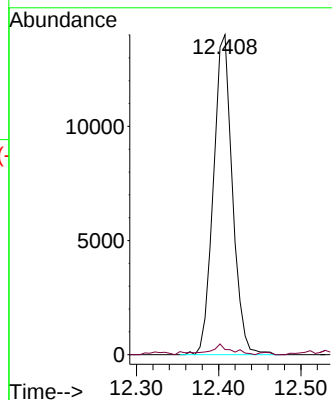
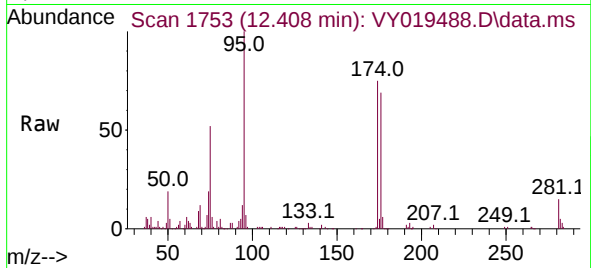




#76
1,2,3-Trichloropropane
Concen: 73.205 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.152 min
Lab File: VY019488.D
Acq: 10 Sep 2024 15:24

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 22474
Ion Ratio Lower Upper
75 100
77 3.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 140.533 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.104 min
Lab File: VY019488.D
Acq: 10 Sep 2024 15:24

Tgt Ion: 75 Resp: 22474
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.0 35.8 53.6#

