

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019571.D
 Acq On : 16 Sep 2024 17:03
 Operator : SY/MD
 Sample : P3930-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 17 02:15:53 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)

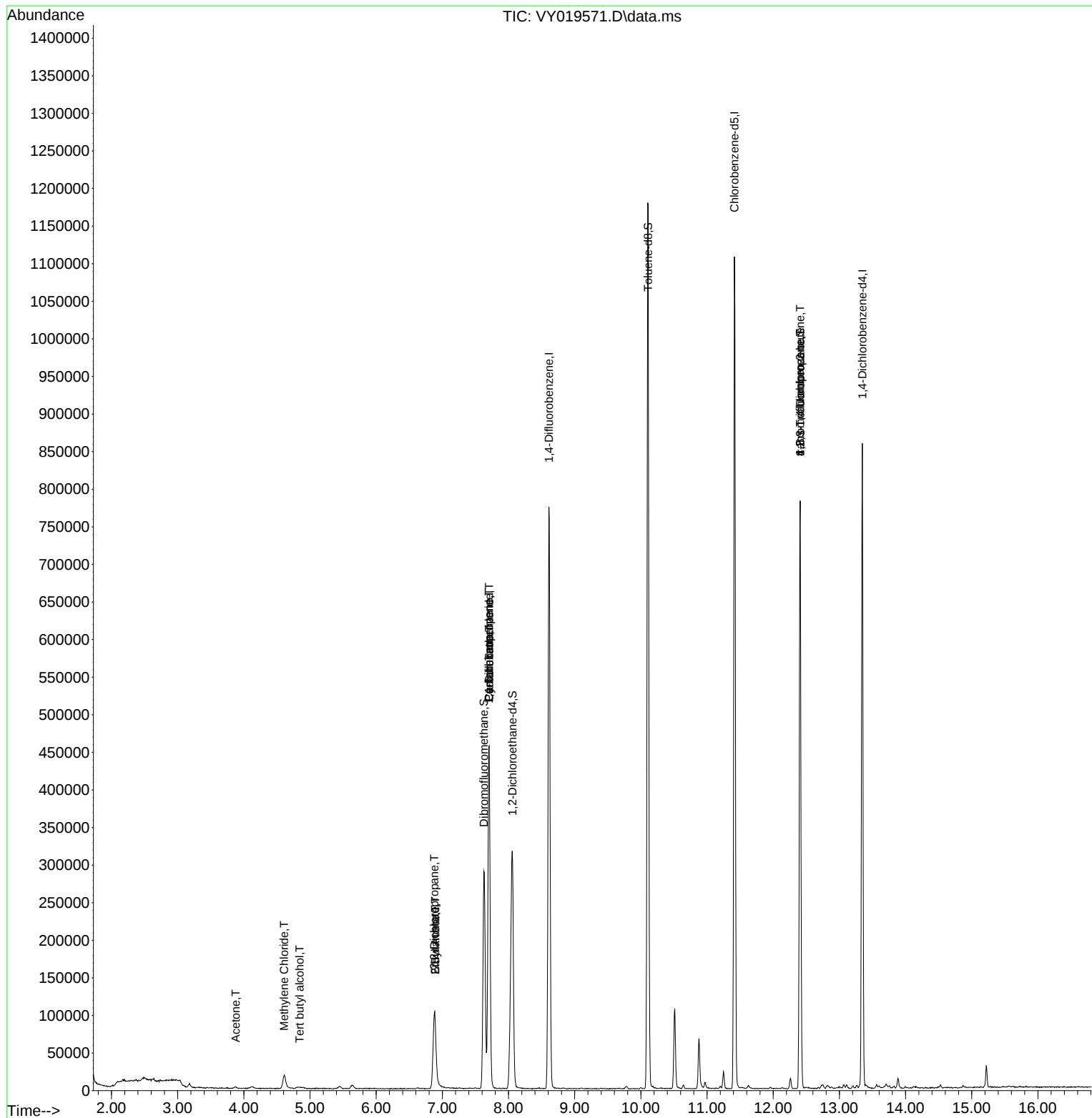
Internal Standards						
1) Pentafluorobenzene	7.707	168	342237	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	656989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	575811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	201869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	200873	63.386	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.780%	
35) Dibromofluoromethane	7.628	113	207876	55.806	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.620%	
50) Toluene-d8	10.109	98	779287	56.561	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.120%	
62) 4-Bromofluorobenzene	12.408	95	244544	46.160	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 92.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.855	85	270	Below Cal		76
11) Tert butyl alcohol	4.842	59	2519	9.843	ug/l #	91
13) Acrolein	3.647	56	68	Below Cal		98
16) Acetone	3.879	43	3968	5.256	ug/l	89
20) Methylene Chloride	4.610	84	11635	3.379	ug/l #	81
25) 2-Butanone	6.890	43	5807	5.408	ug/l #	65
26) 2,2-Dichloropropane	6.878	77	8419	1.487	ug/l #	51
31) Cyclohexane	7.707	56	8607	1.518	ug/l #	29
36) 1,1-Dichloropropene	7.701	75	30147	5.948	ug/l #	48
37) Ethyl Acetate	6.890	43	5807	2.236	ug/l #	1
38) Carbon Tetrachloride	7.707	117	37599	6.578	ug/l #	17
76) 1,2,3-Trichloropropane	12.408	75	131551	69.526	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	131551	133.471	ug/l #	16

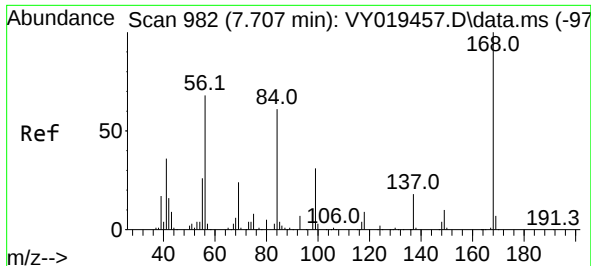
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
Data File : VY019571.D
Acq On : 16 Sep 2024 17:03
Operator : SY/MD
Sample : P3930-02
Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 17 02:15:53 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

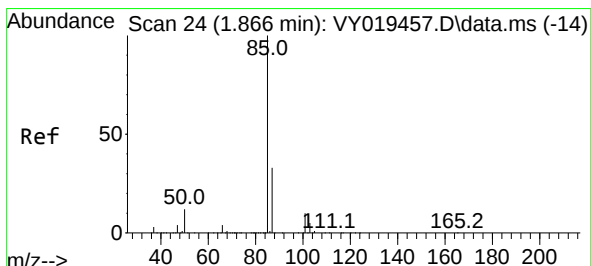
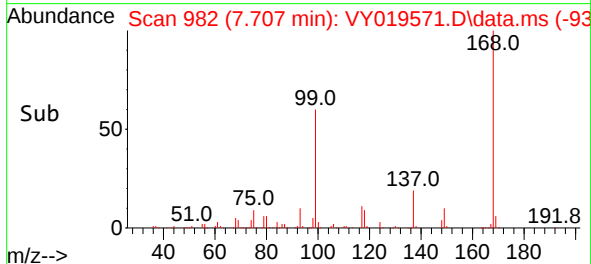
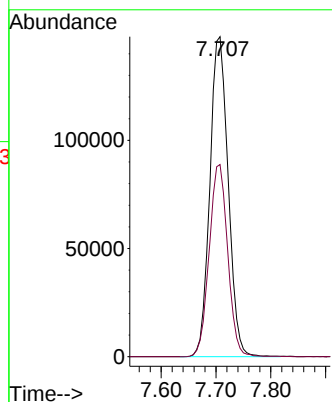
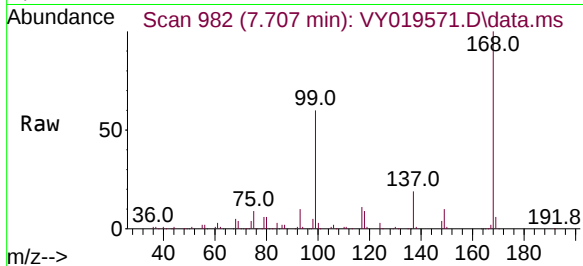




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019571.D
Acq: 16 Sep 2024 17:03

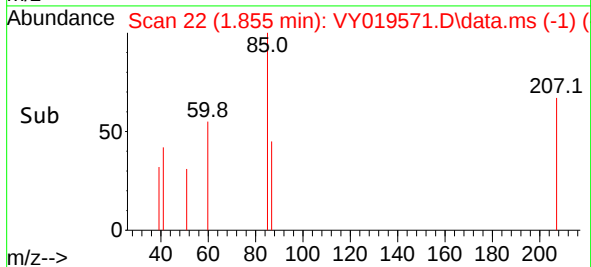
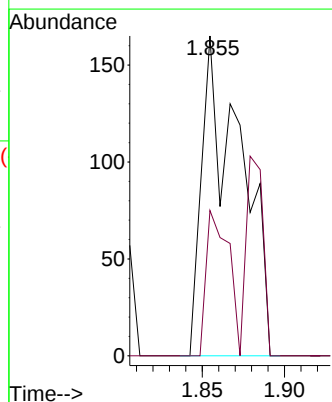
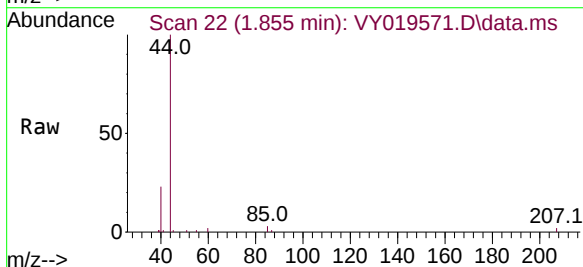
Instrument :
MSVOA_Y
ClientSampleId :

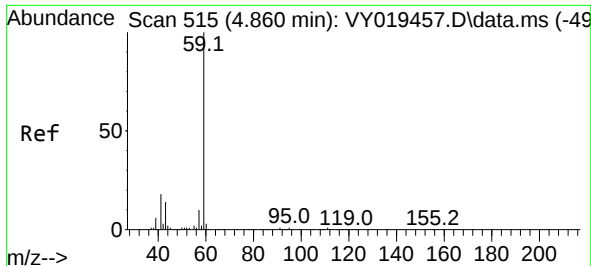
Tgt Ion:168 Resp: 342237
Ion Ratio Lower Upper
168 100
99 60.0 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.855 min Scan# 22
Delta R.T. -0.011 min
Lab File: VY019571.D
Acq: 16 Sep 2024 17:03

Tgt Ion: 85 Resp: 270
Ion Ratio Lower Upper
85 100
87 45.5 16.0 48.0





#11

Tert butyl alcohol

Concen: 9.843 ug/l

RT: 4.842 min Scan# 51

Delta R.T. -0.018 min

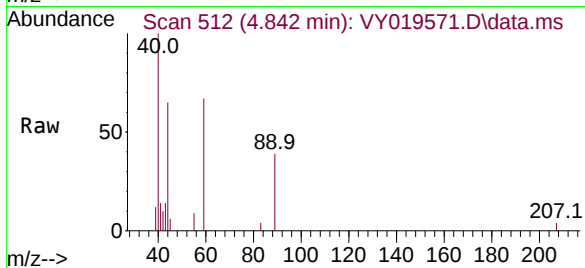
Lab File: VY019571.D

Acq: 16 Sep 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

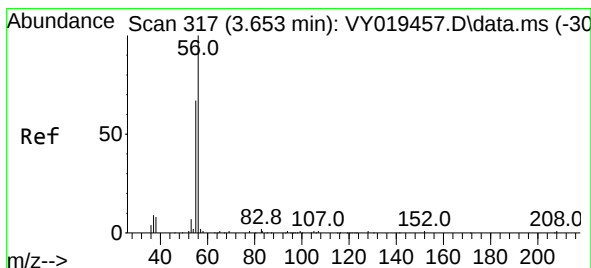
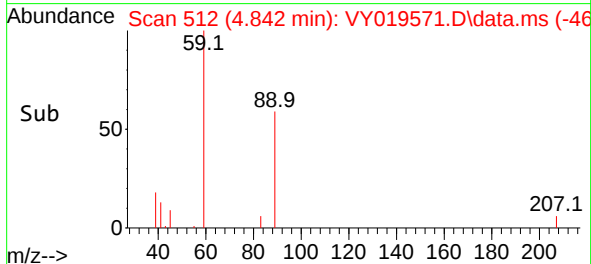
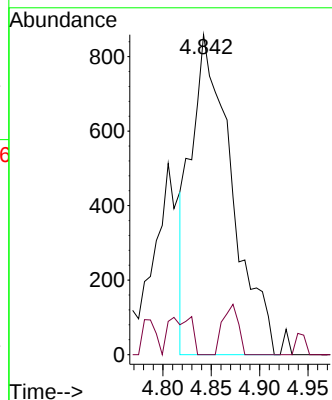


Tgt Ion: 59 Resp: 2519

Ion Ratio Lower Upper

59 100

57 6.7 3.0 4.6#



#13

Acrolein

Concen: Below Cal

RT: 3.647 min Scan# 316

Delta R.T. -0.006 min

Lab File: VY019571.D

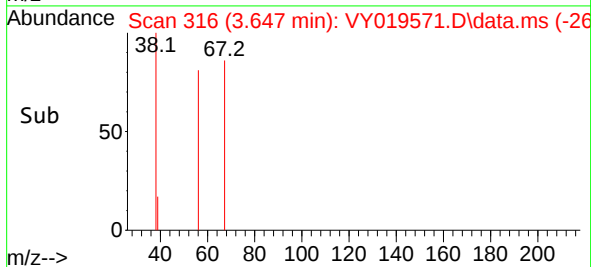
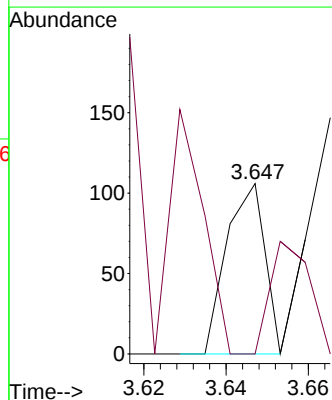
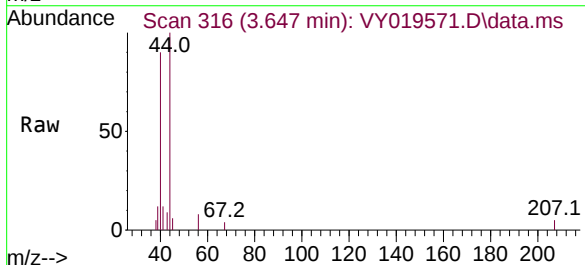
Acq: 16 Sep 2024 17:03

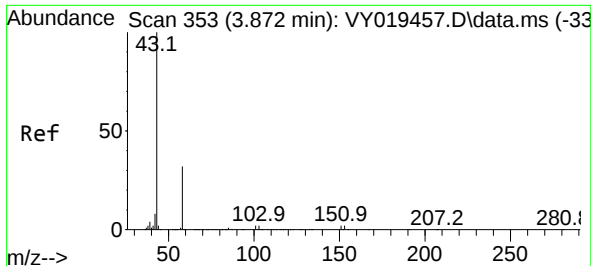
Tgt Ion: 56 Resp: 68

Ion Ratio Lower Upper

56 100

55 67.6 55.7 83.5





#16

Acetone

Concen: 5.256 ug/l

RT: 3.879 min Scan# 3

Delta R.T. 0.006 min

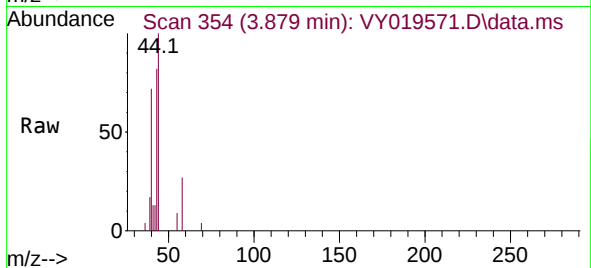
Lab File: VY019571.D

Acq: 16 Sep 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

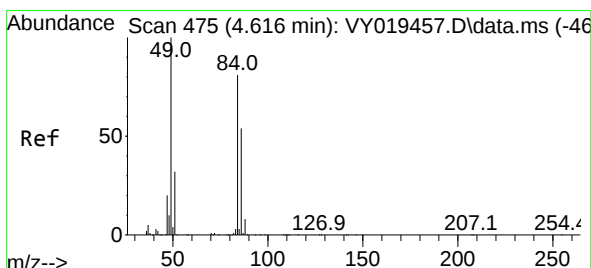
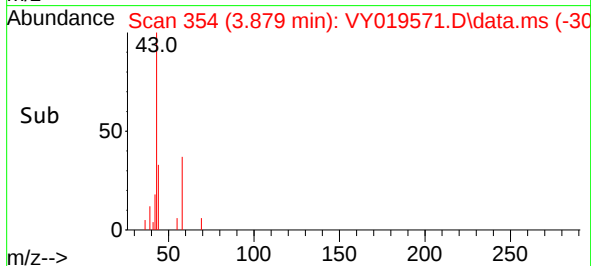
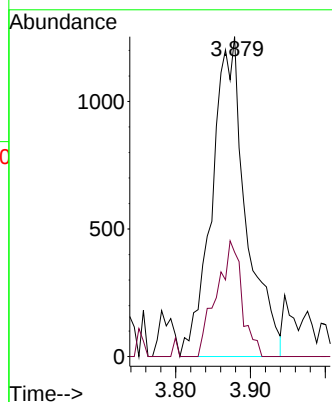


Tgt Ion: 43 Resp: 3968

Ion Ratio Lower Upper

43 100

58 32.6 31.7 47.5



#20

Methylene Chloride

Concen: 3.379 ug/l

RT: 4.610 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY019571.D

Acq: 16 Sep 2024 17:03

Tgt Ion: 84 Resp: 11635

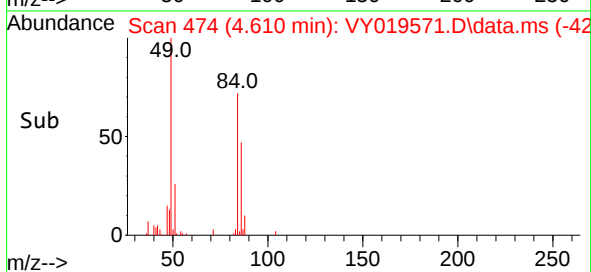
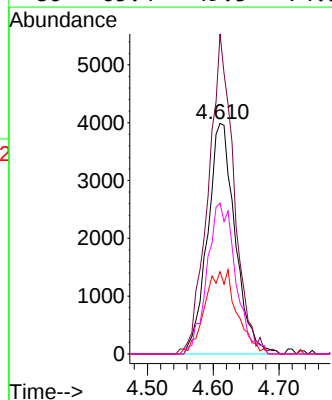
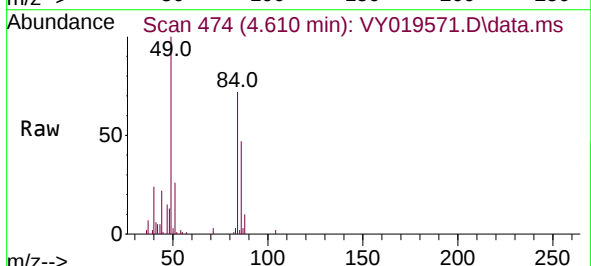
Ion Ratio Lower Upper

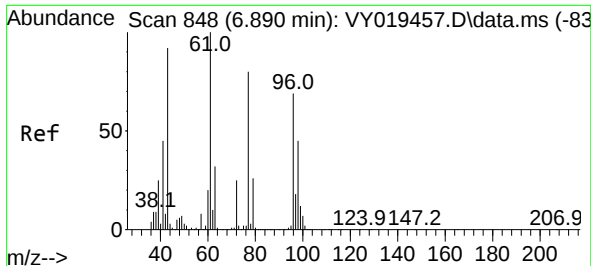
84 100

49 138.8 84.4 126.6#

51 35.7 26.0 39.0

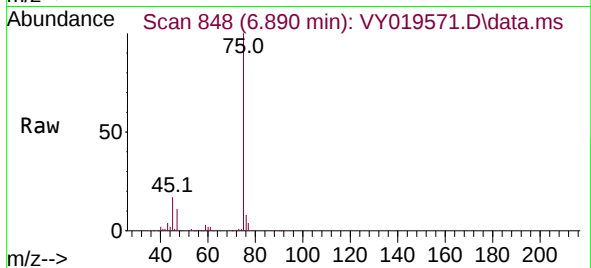
86 65.4 49.5 74.3



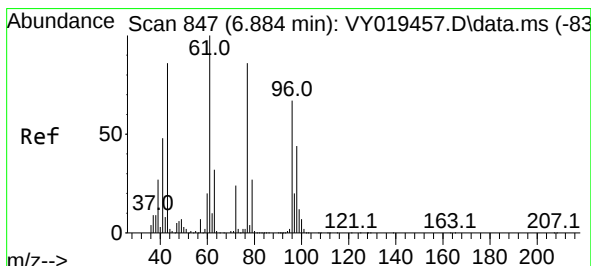
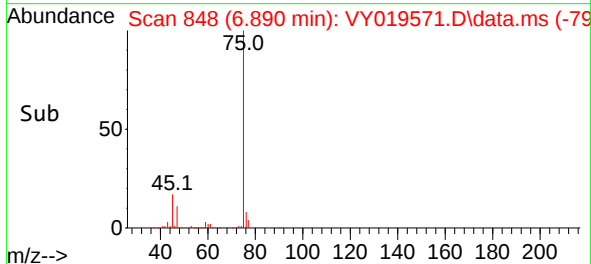
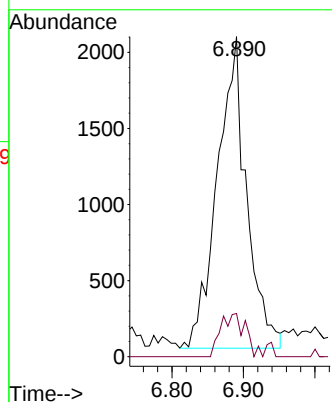


#25
2-Butanone
Concen: 5.408 ug/l
RT: 6.890 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY019571.D
Acq: 16 Sep 2024 17:03

Instrument :
MSVOA_Y
ClientSampleId :

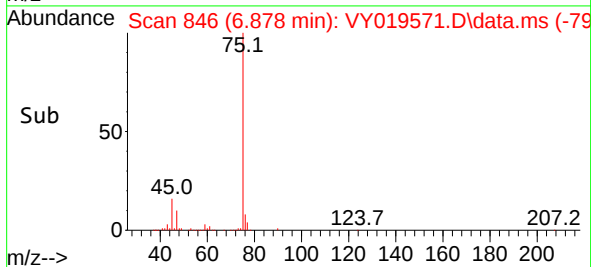
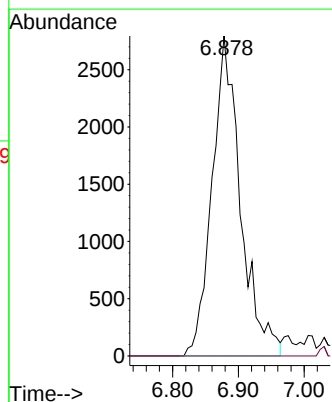
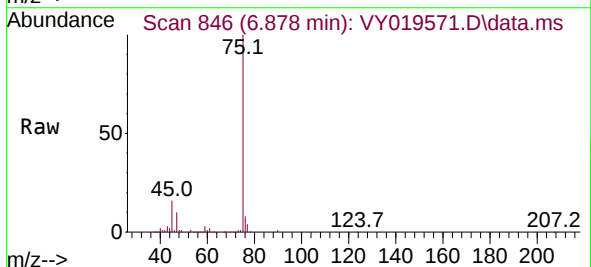


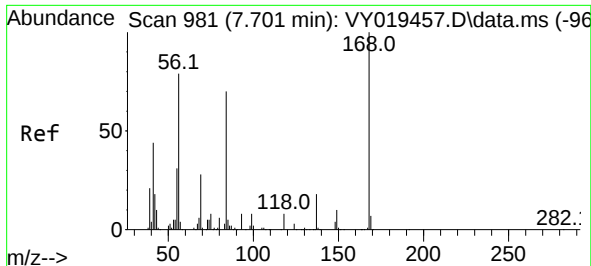
Tgt Ion: 43 Resp: 5807
Ion Ratio Lower Upper
43 100
72 13.9 27.3 40.9#



#26
2,2-Dichloropropane
Concen: 1.487 ug/l
RT: 6.878 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY019571.D
Acq: 16 Sep 2024 17:03

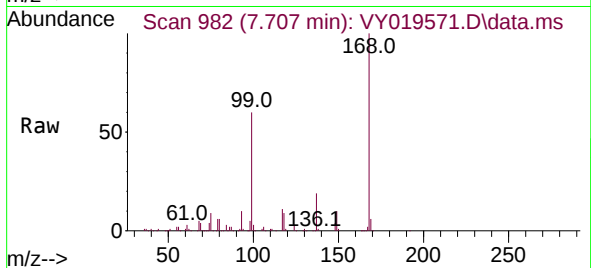
Tgt Ion: 77 Resp: 8419
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



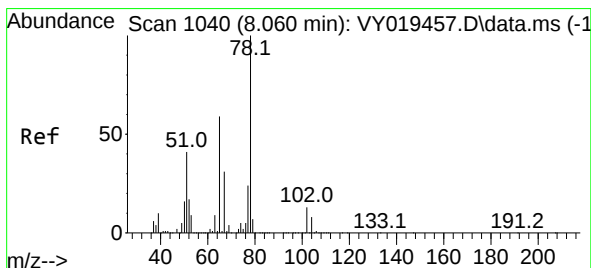
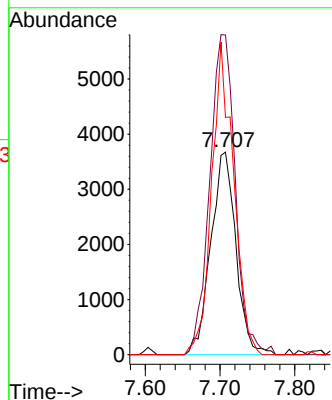
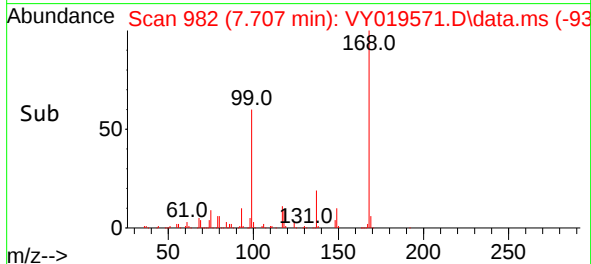


#31
Cyclohexane
Concen: 1.518 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY019571.D
Acq: 16 Sep 2024 17:03

Instrument :
MSVOA_Y
ClientSampleId :

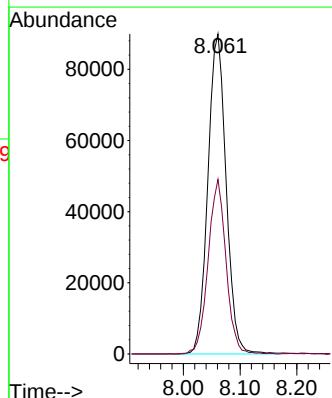
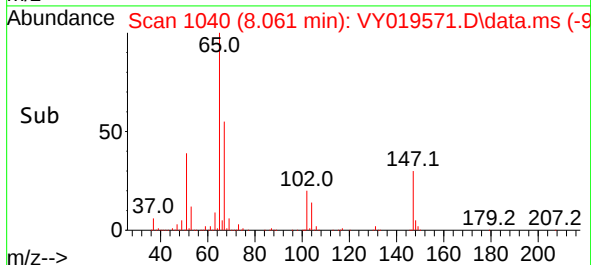
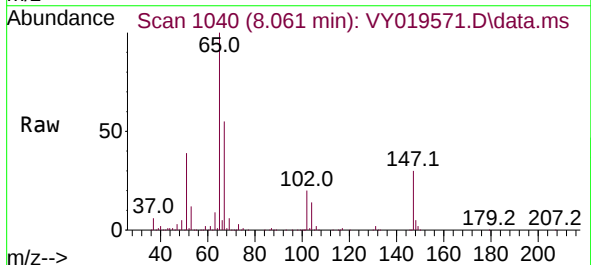


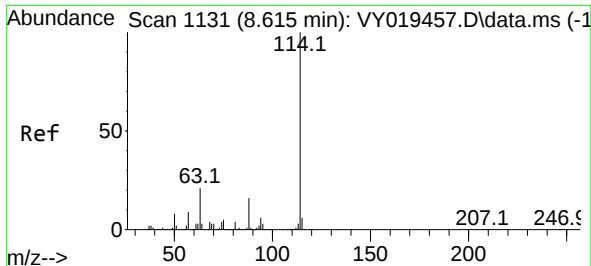
Tgt Ion: 56 Resp: 8607
Ion Ratio Lower Upper
56 100
69 157.8 28.7 43.1#
84 117.1 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 63.386 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. 0.000 min
Lab File: VY019571.D
Acq: 16 Sep 2024 17:03

Tgt Ion: 65 Resp: 200873
Ion Ratio Lower Upper
65 100
67 53.5 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

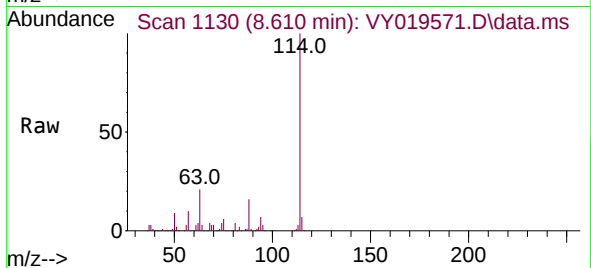
Lab File: VY019571.D

Acq: 16 Sep 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :



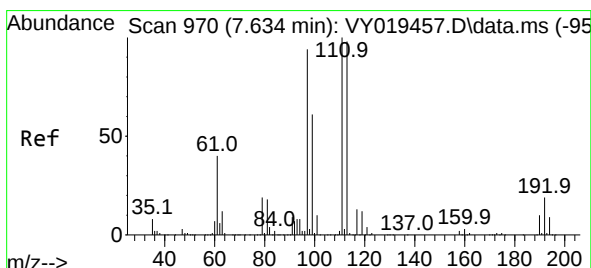
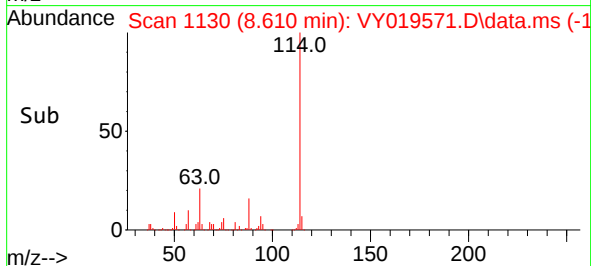
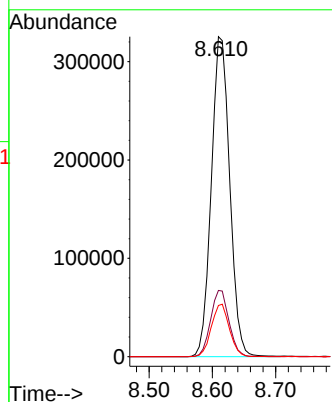
Tgt Ion:114 Resp: 656989

Ion Ratio Lower Upper

114 100

63 20.7 0.0 35.0

88 16.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.806 ug/l

RT: 7.628 min Scan# 969

Delta R.T. -0.006 min

Lab File: VY019571.D

Acq: 16 Sep 2024 17:03

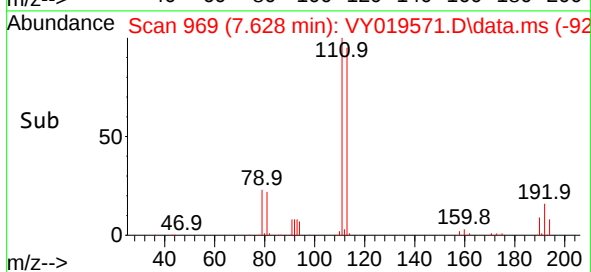
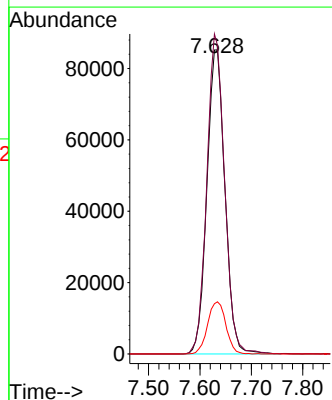
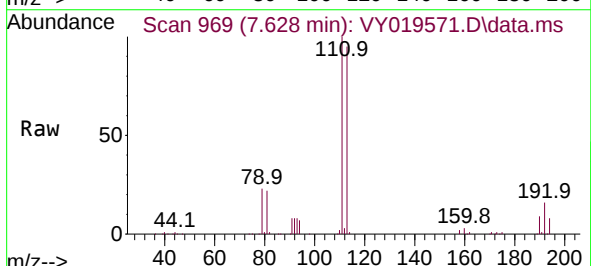
Tgt Ion:113 Resp: 207876

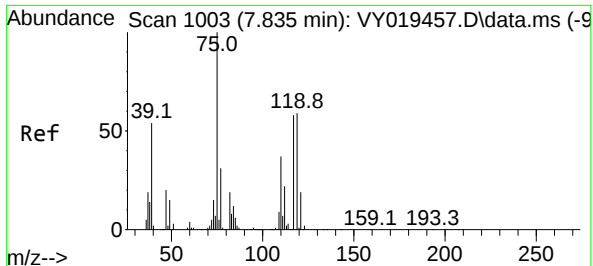
Ion Ratio Lower Upper

113 100

111 103.7 82.2 123.4

192 17.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.948 ug/l

RT: 7.701 min Scan# 91

Delta R.T. -0.134 min

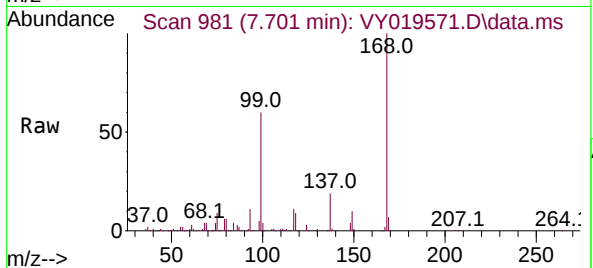
Lab File: VY019571.D

Acq: 16 Sep 2024 17:03

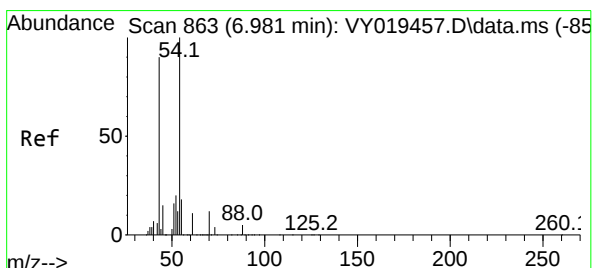
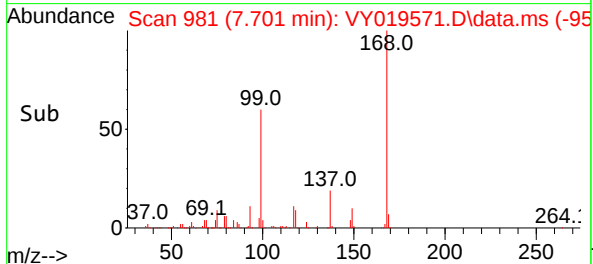
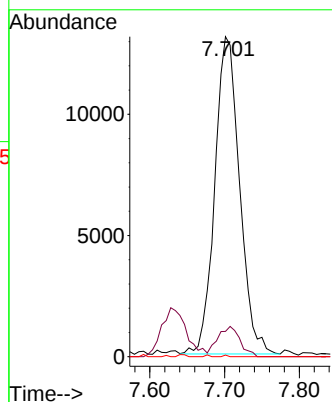
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	75	Resp:	30147
Ion	Ratio	Lower	Upper
75	100		
110	8.6	19.0	57.0#
77	0.1	25.3	37.9#



#37

Ethyl Acetate

Concen: 2.236 ug/l

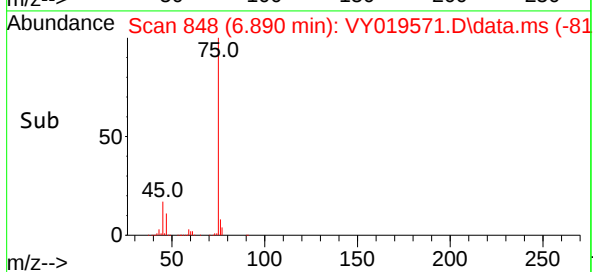
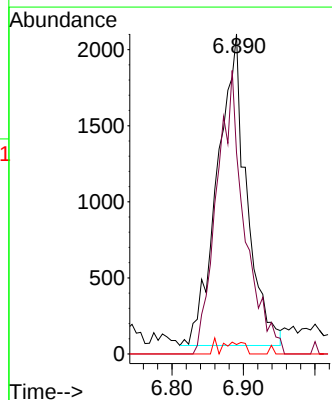
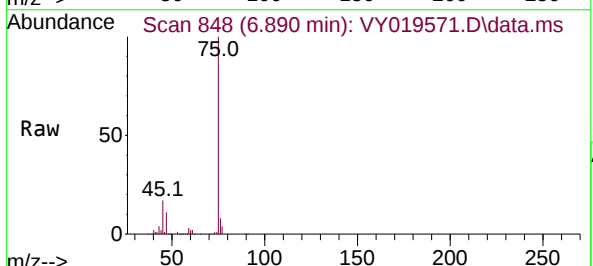
RT: 6.890 min Scan# 848

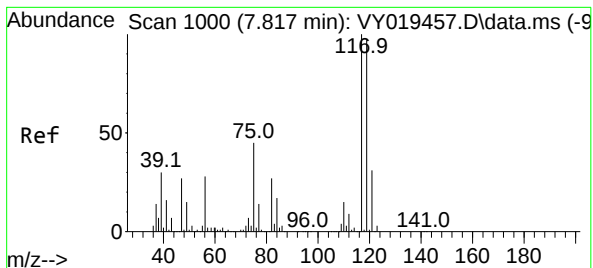
Delta R.T. -0.091 min

Lab File: VY019571.D

Acq: 16 Sep 2024 17:03

Tgt Ion:	43	Resp:	5807
Ion	Ratio	Lower	Upper
43	100		
61	86.8	12.6	19.0#
70	2.6	7.8	11.8#





#38

Carbon Tetrachloride

Concen: 6.578 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.109 min

Lab File: VY019571.D

Acq: 16 Sep 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

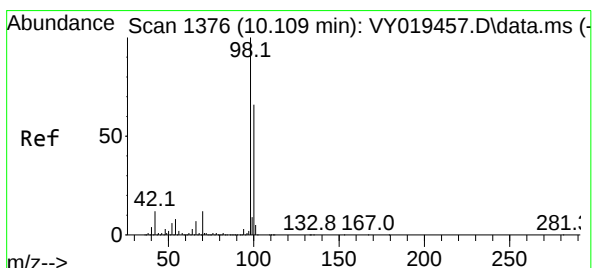
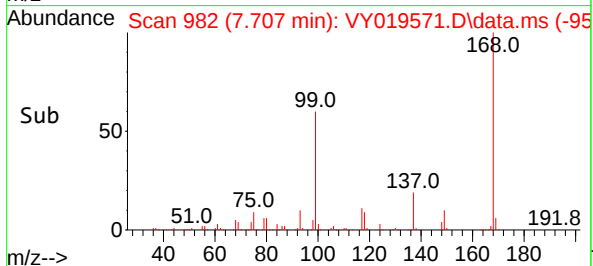
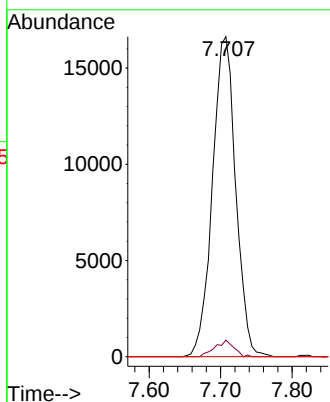
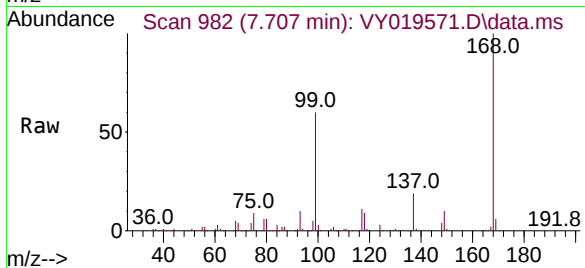
Tgt Ion:117 Resp: 37599

Ion Ratio Lower Upper

117 100

119 5.1 75.8 113.6#

121 0.0 24.0 36.0#



#50

Toluene-d8

Concen: 56.561 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019571.D

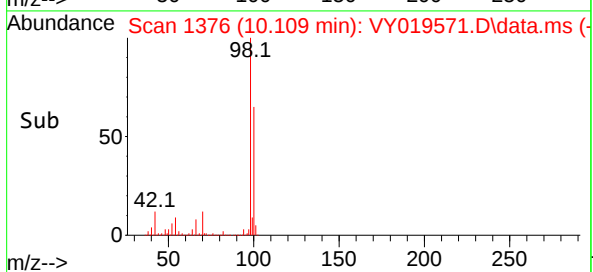
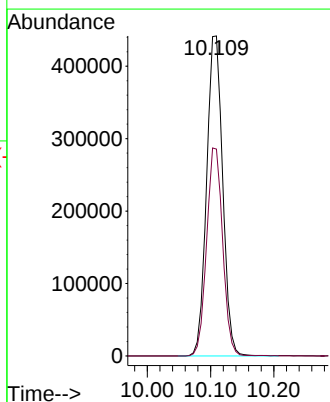
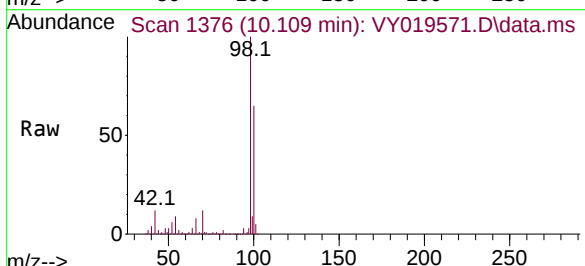
Acq: 16 Sep 2024 17:03

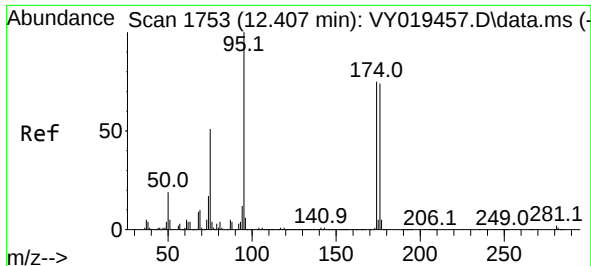
Tgt Ion: 98 Resp: 779287

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0

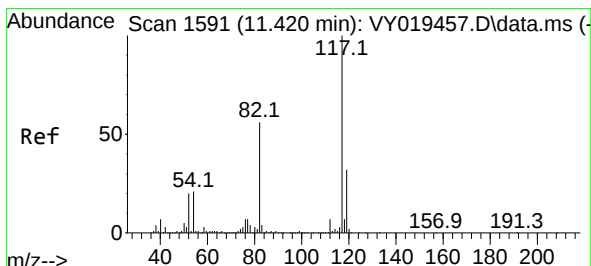
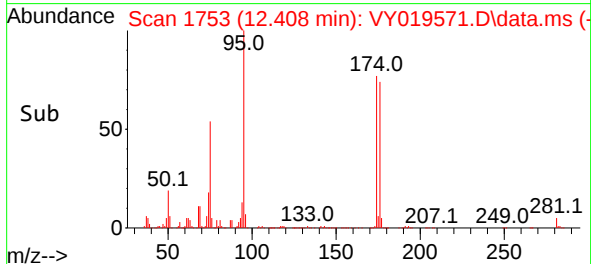
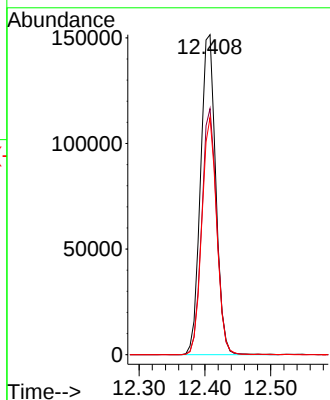
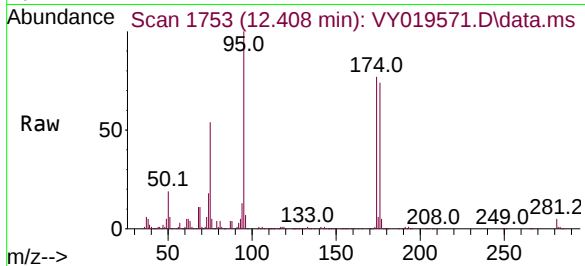




#62
4-Bromofluorobenzene
Concen: 46.160 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019571.D
Acq: 16 Sep 2024 17:03

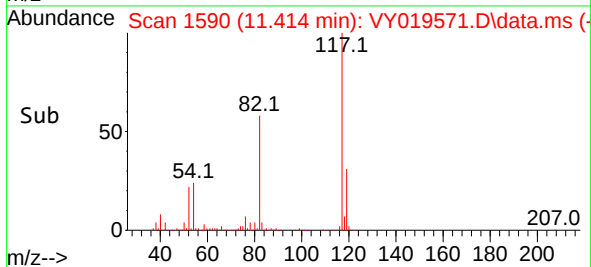
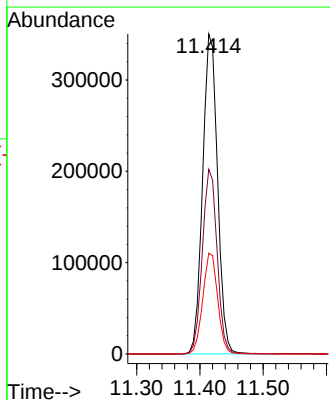
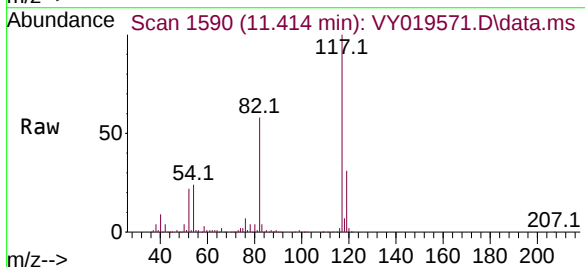
Instrument :
MSVOA_Y
ClientSampleId :

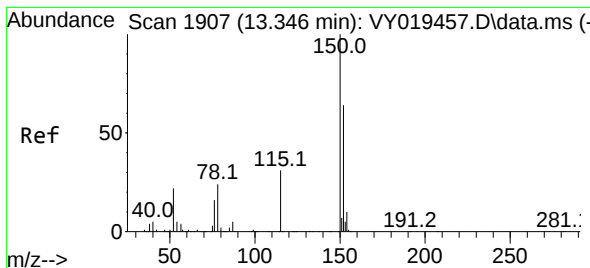
Tgt Ion: 95 Resp: 244544
Ion Ratio Lower Upper
95 100
174 75.2 0.0 175.6
176 72.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019571.D
Acq: 16 Sep 2024 17:03

Tgt Ion: 117 Resp: 575811
Ion Ratio Lower Upper
117 100
82 57.7 42.4 63.6
119 31.5 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: VY019571.D

Acq: 16 Sep 2024 17:03

Instrument :

MSVOA_Y

ClientSampleId :

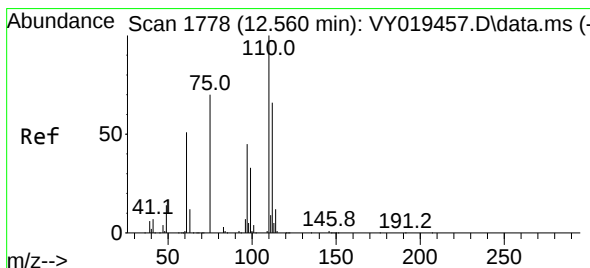
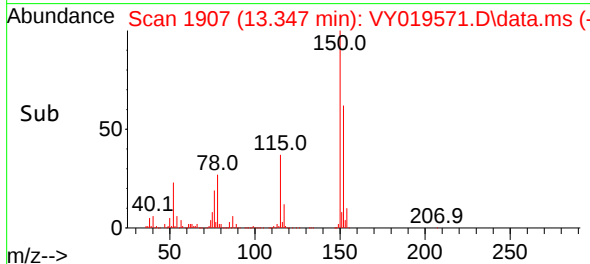
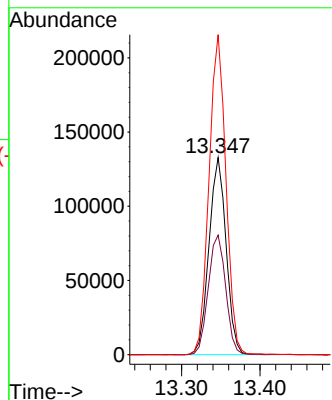
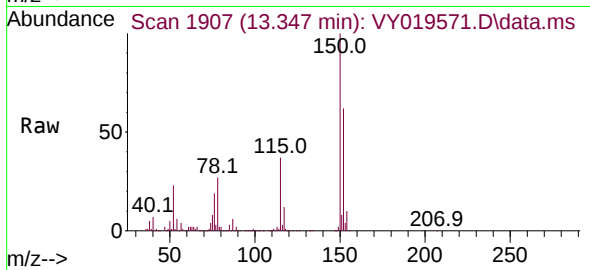
Tgt Ion:152 Resp: 201869

Ion Ratio Lower Upper

152 100

115 61.6 28.2 84.7

150 159.8 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 69.526 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.152 min

Lab File: VY019571.D

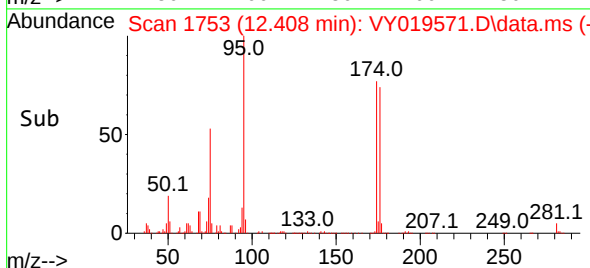
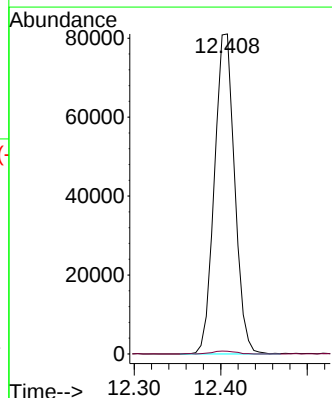
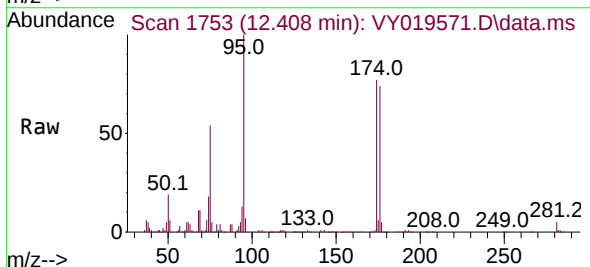
Acq: 16 Sep 2024 17:03

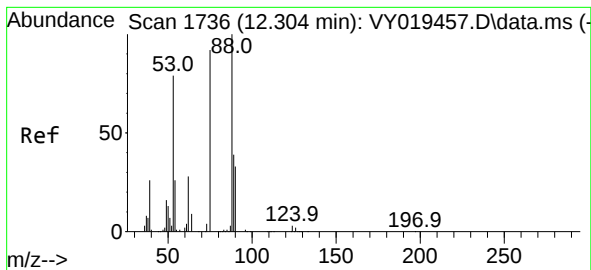
Tgt Ion: 75 Resp: 131551

Ion Ratio Lower Upper

75 100

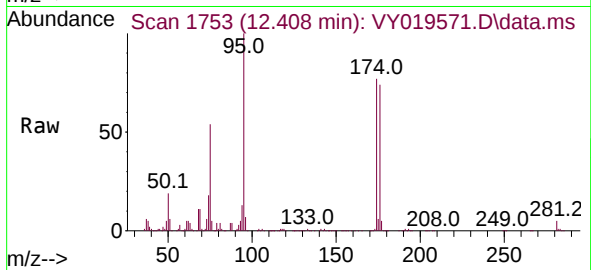
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 133.471 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019571.D
 Acq: 16 Sep 2024 17:03

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 131551
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.2 35.8 53.6#

