

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019225.D
 Acq On : 22 Aug 2024 17:09
 Operator : SY/MD
 Sample : P3671-05
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 01:55:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

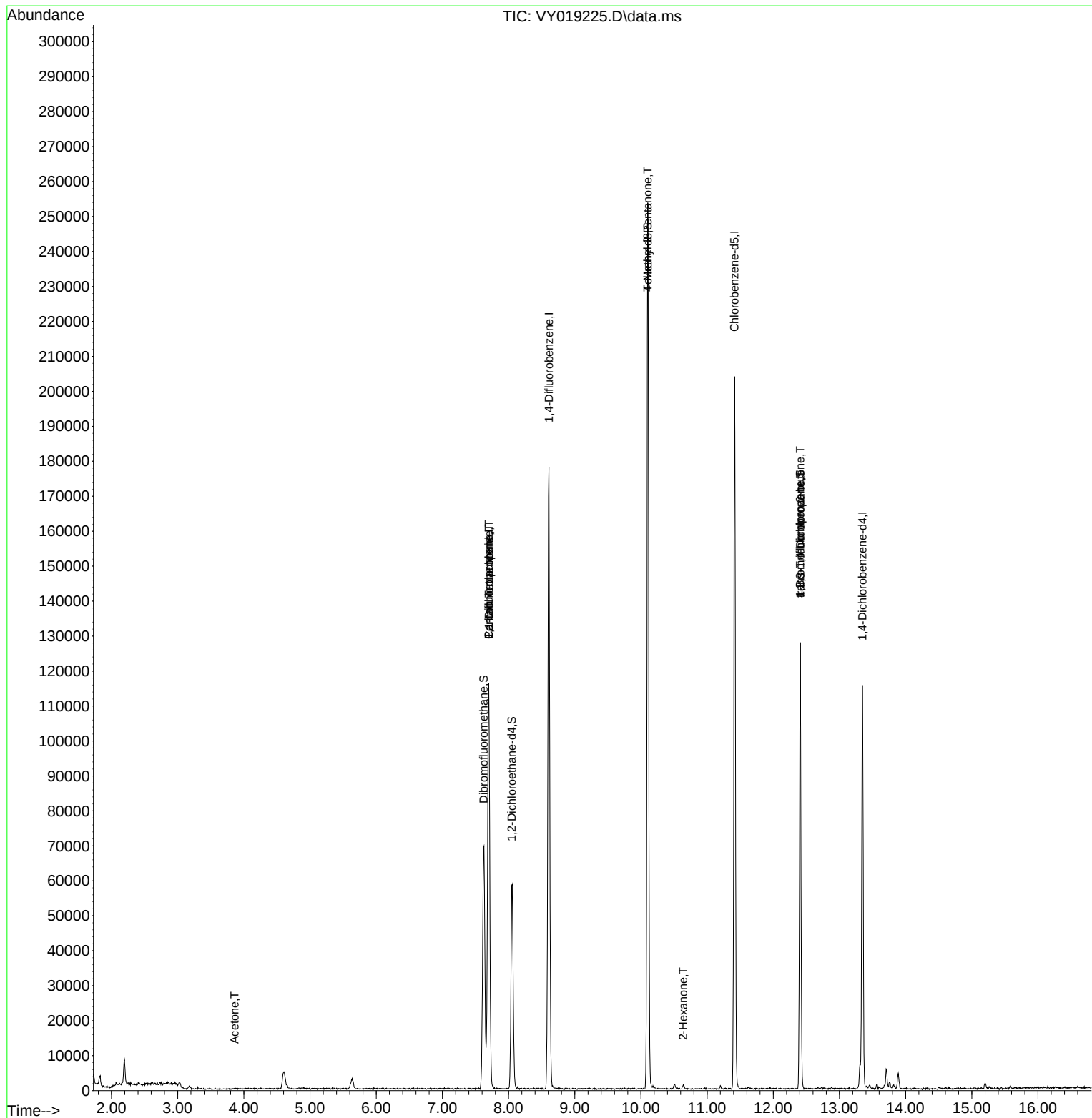
Internal Standards						
1) Pentafluorobenzene	7.701	168	91577	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	154668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	110605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	28511	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.048	65	49496	53.918	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.840%	
35) Dibromofluoromethane	7.622	113	49146	48.596	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.200%	
50) Toluene-d8	10.103	98	164354	45.160	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 90.320%	
62) 4-Bromofluorobenzene	12.407	95	35470	28.590	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 57.180%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.616	94	168	Below Cal	#	3
6) Chloroethane	2.854	64	28	Below Cal	#	42
11) Tert butyl alcohol	4.836	59	162	Below Cal	#	88
16) Acetone	3.860	43	440	2.585	ug/l #	36
20) Methylene Chloride	4.592	84	4020	Below Cal	#	83
31) Cyclohexane	7.695	56	1906	Below Cal	#	42
36) 1,1-Dichloropropene	7.701	75	7161	5.157	ug/l #	49
38) Carbon Tetrachloride	7.701	117	8916	5.540	ug/l #	18
51) 4-Methyl-2-Pentanone	10.103	43	1001	1.516	ug/l #	1
59) 2-Hexanone	10.639	43	542	1.195	ug/l #	19
76) 1,2,3-Trichloropropane	12.407	75	19738	70.199	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.407	75	19738	173.369	ug/l #	16

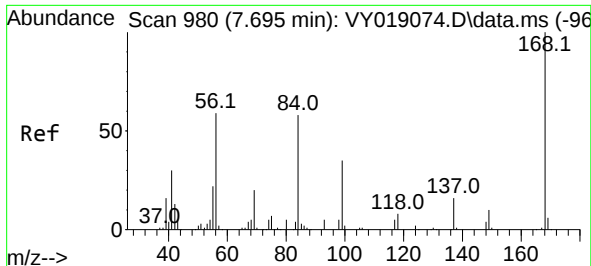
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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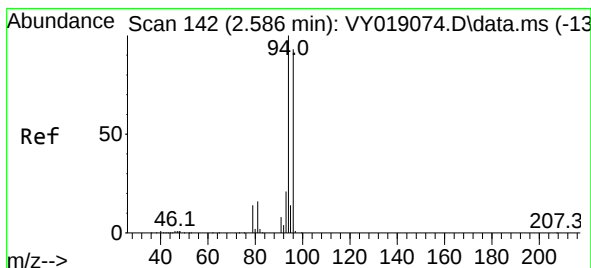
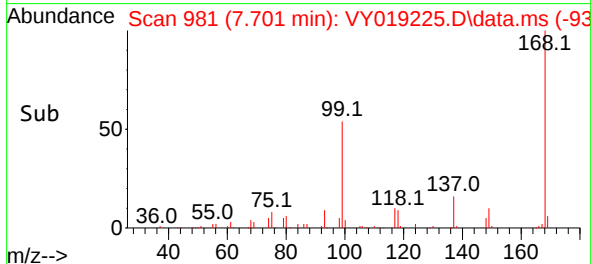
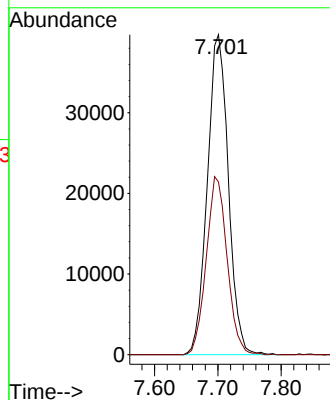
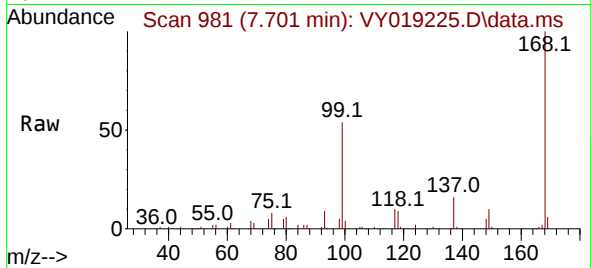




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019225.D
Acq: 22 Aug 2024 17:09

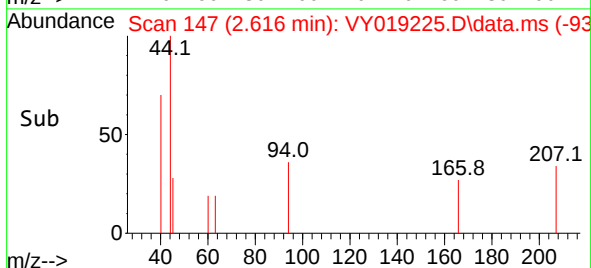
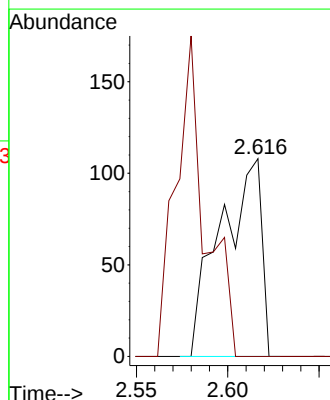
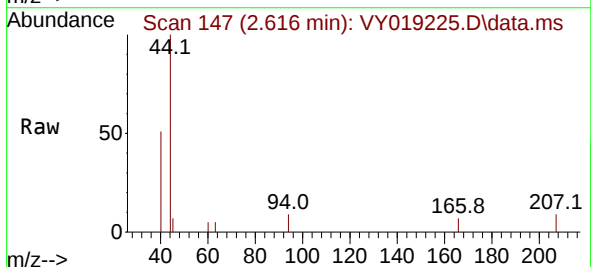
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 91577
Ion Ratio Lower Upper
168 100
99 54.0 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.616 min Scan# 147
Delta R.T. 0.030 min
Lab File: VY019225.D
Acq: 22 Aug 2024 17:09

Tgt Ion: 94 Resp: 168
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.836 min Scan# 511

Delta R.T. -0.006 min

Lab File: VY019225.D

Acq: 22 Aug 2024 17:09

Instrument :

MSVOA_Y

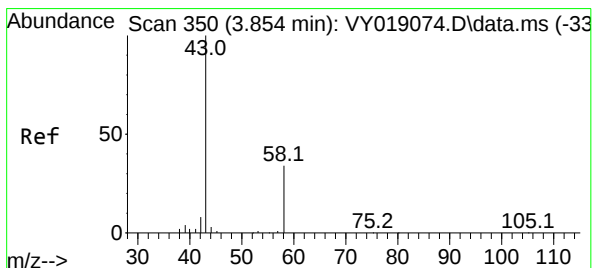
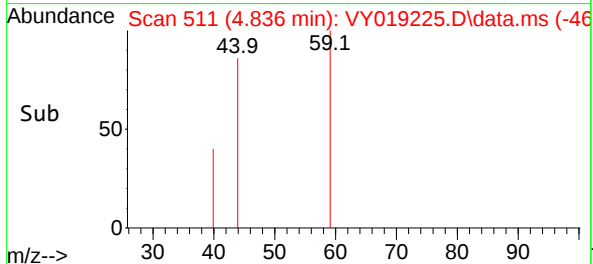
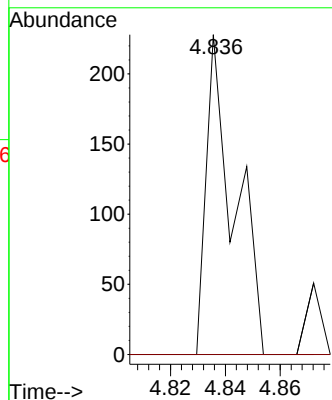
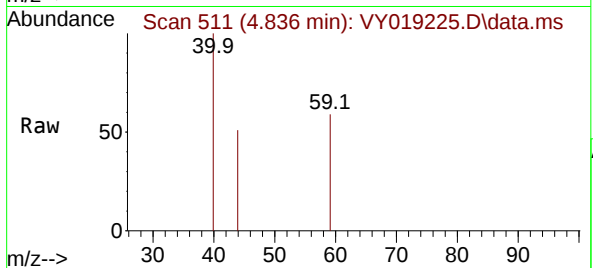
ClientSampleId :

Tgt Ion: 59 Resp: 162

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 2.585 ug/l

RT: 3.860 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY019225.D

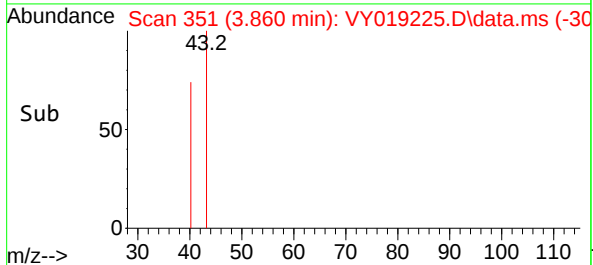
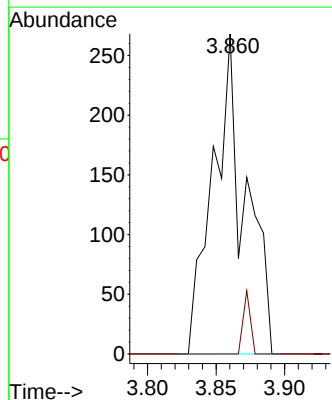
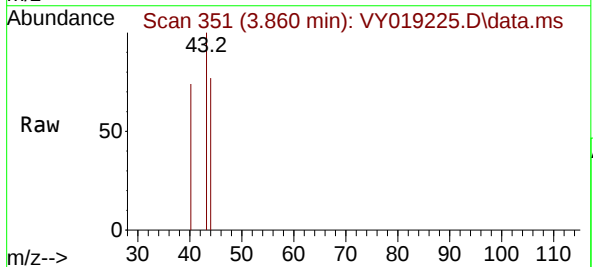
Acq: 22 Aug 2024 17:09

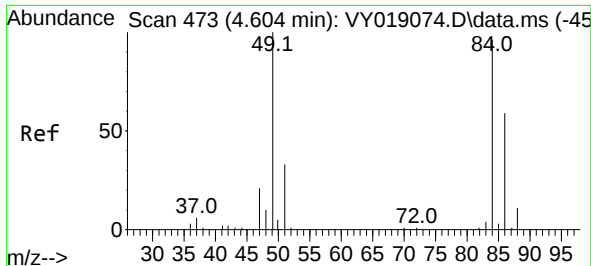
Tgt Ion: 43 Resp: 440

Ion Ratio Lower Upper

43 100

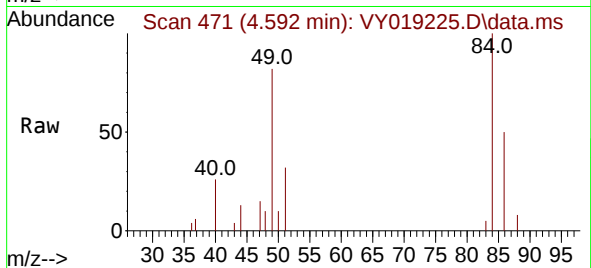
58 0.0 31.7 47.5#



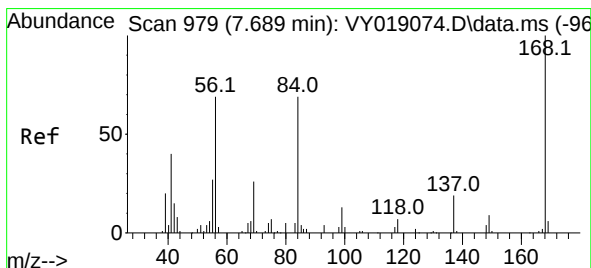
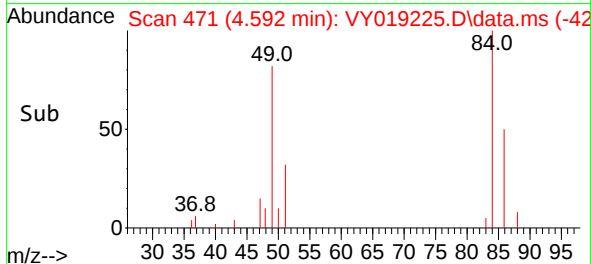
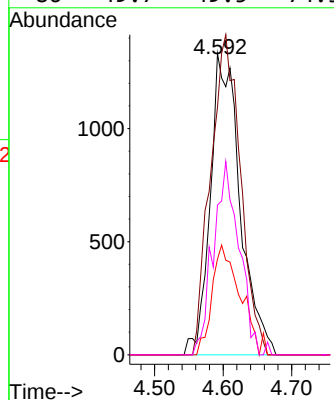


#20
Methylene Chloride
Concen: Below Cal
RT: 4.592 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY019225.D
Acq: 22 Aug 2024 17:09

Instrument :
MSVOA_Y
ClientSampleId :

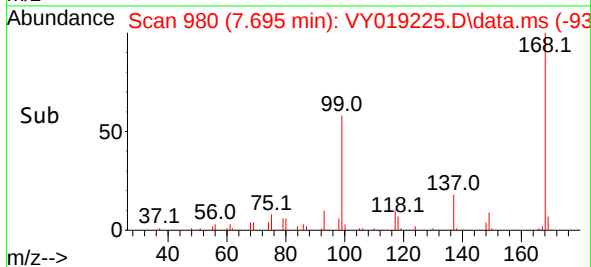
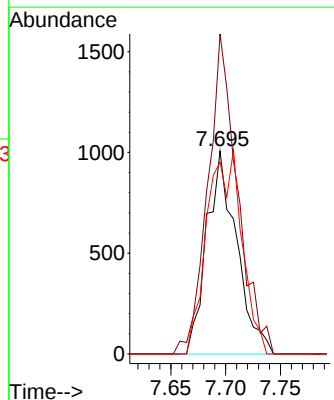
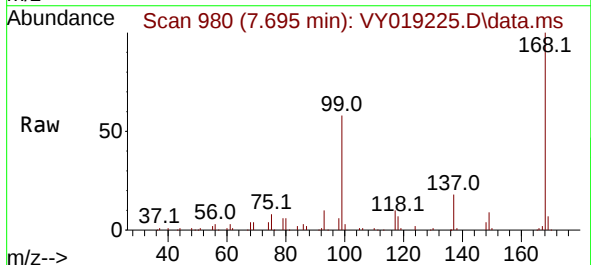


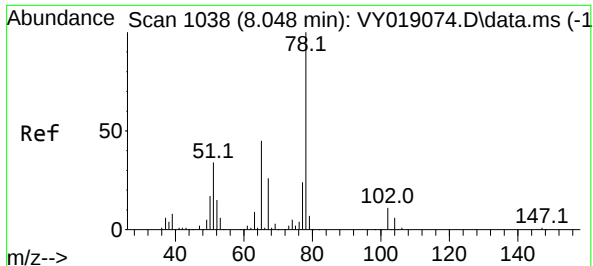
Tgt Ion:	84	Resp:	4020
Ion	Ratio	Lower	Upper
84	100		
49	82.1	84.4	126.6#
51	31.8	26.0	39.0
86	49.7	49.5	74.3



#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY019225.D
Acq: 22 Aug 2024 17:09

Tgt Ion:	56	Resp:	1906
Ion	Ratio	Lower	Upper
56	100		
69	157.7	28.7	43.1#
84	94.5	77.7	116.5





#33

1,2-Dichloroethane-d4

Concen: 53.918 ug/l

RT: 8.048 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VY019225.D

Acq: 22 Aug 2024 17:09

Instrument :

MSVOA_Y

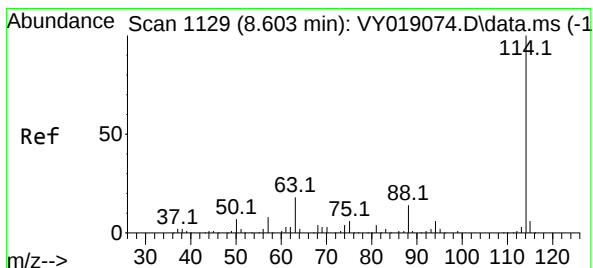
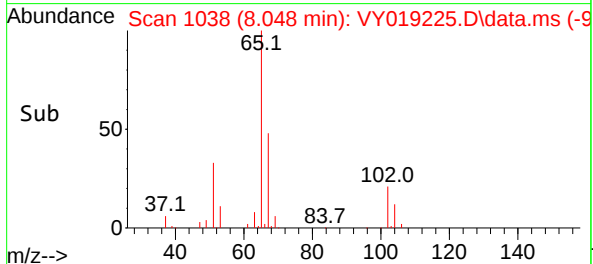
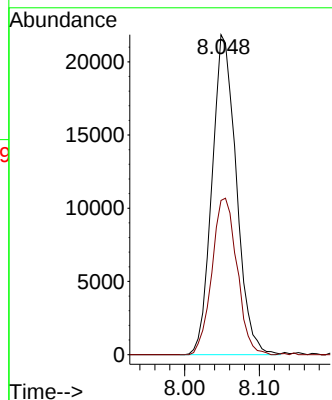
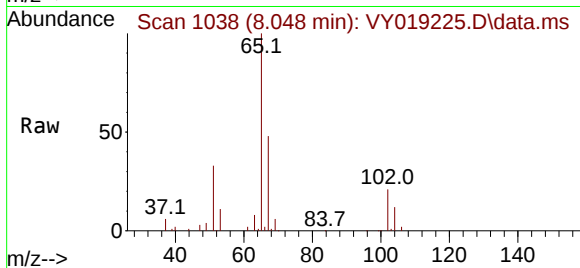
ClientSampleId :

Tgt Ion: 65 Resp: 49496

Ion Ratio Lower Upper

65 100

67 50.4 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019225.D

Acq: 22 Aug 2024 17:09

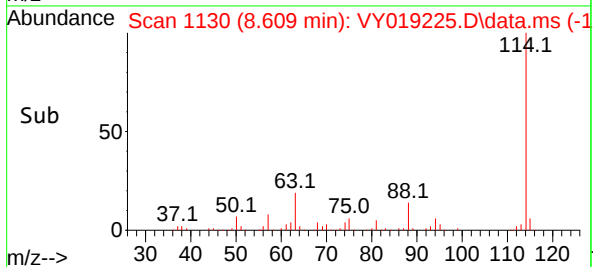
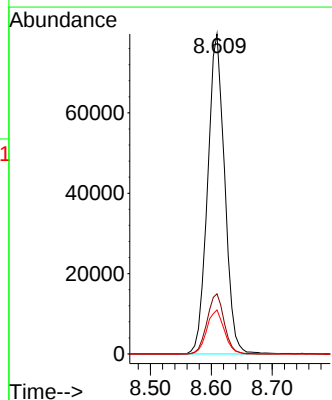
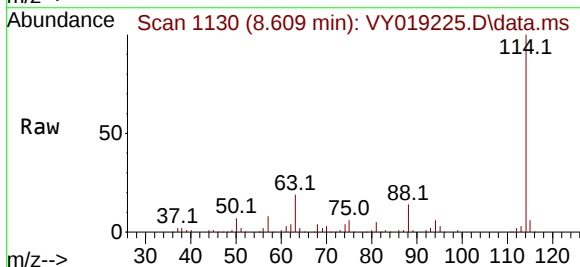
Tgt Ion: 114 Resp: 154668

Ion Ratio Lower Upper

114 100

63 18.8 0.0 35.0

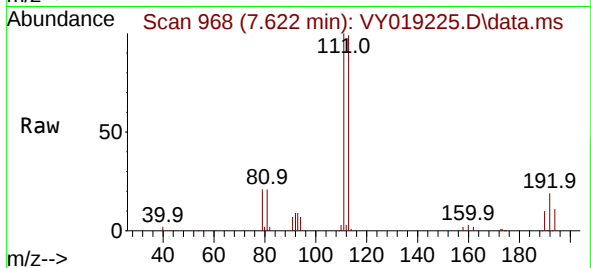
88 13.8 0.0 27.2



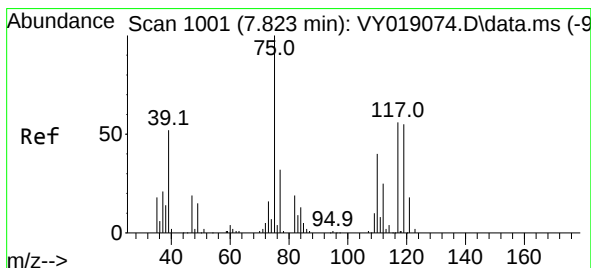
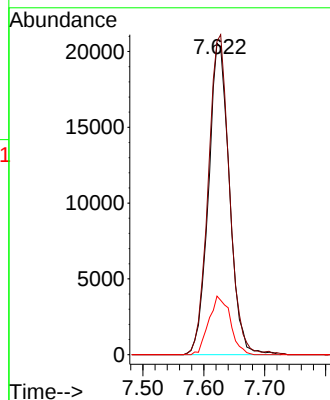
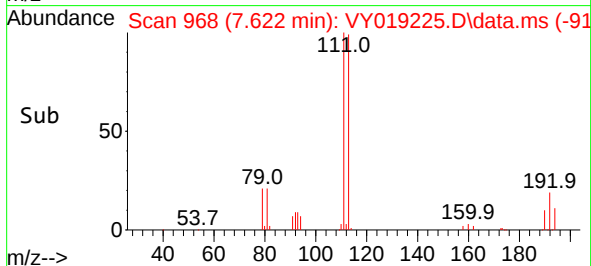


#35
Dibromofluoromethane
Concen: 48.596 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019225.D
Acq: 22 Aug 2024 17:09

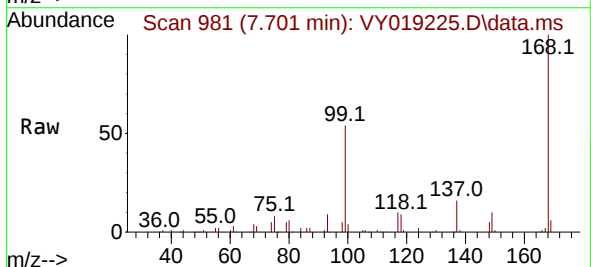
Instrument :
MSVOA_Y
ClientSampleId :



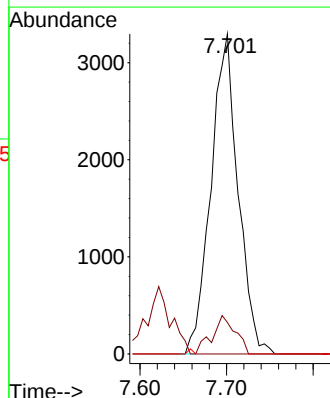
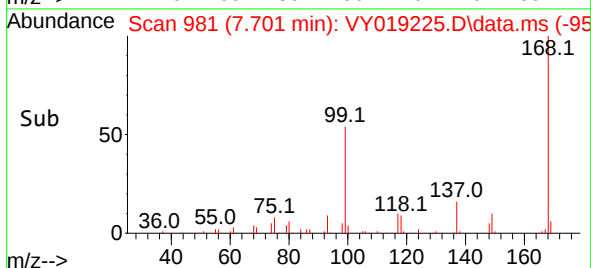
Tgt Ion:113 Resp: 49146
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 19.3 15.9 23.9

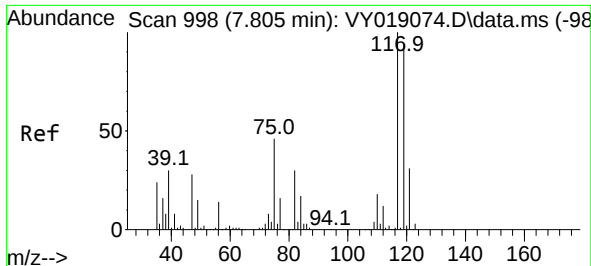


#36
1,1-Dichloropropene
Concen: 5.157 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019225.D
Acq: 22 Aug 2024 17:09



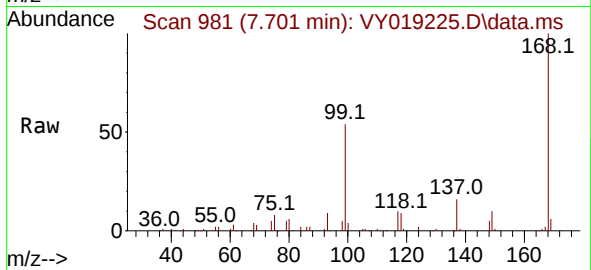
Tgt Ion: 75 Resp: 7161
Ion Ratio Lower Upper
75 100
110 10.2 19.0 57.0#
77 0.0 25.3 37.9#



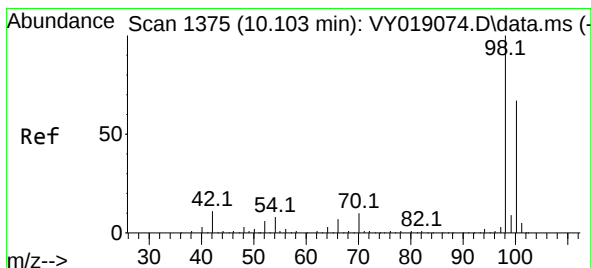
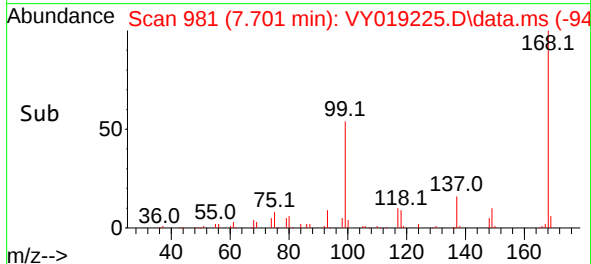
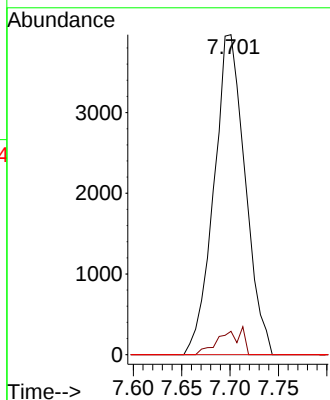


#38
Carbon Tetrachloride
Concen: 5.540 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019225.D
Acq: 22 Aug 2024 17:09

Instrument :
MSVOA_Y
ClientSampleId :

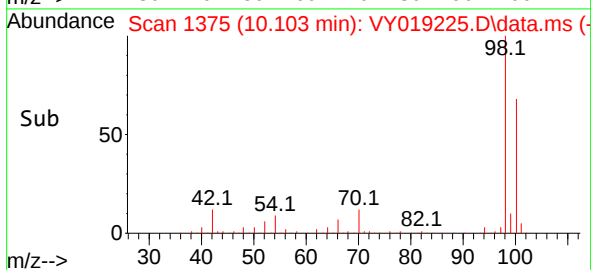
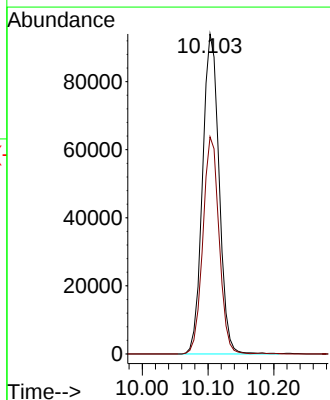
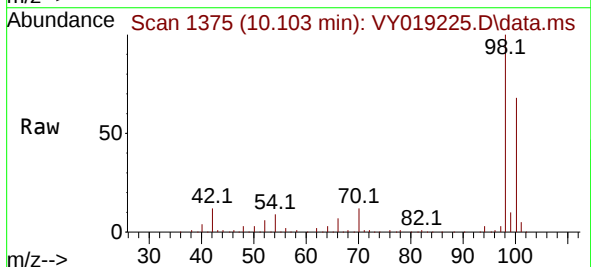


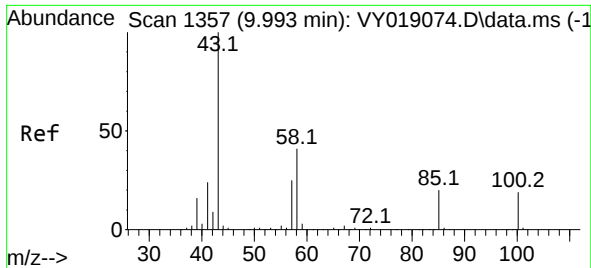
Tgt Ion:117 Resp: 8916
Ion Ratio Lower Upper
117 100
119 7.3 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 45.160 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019225.D
Acq: 22 Aug 2024 17:09

Tgt Ion: 98 Resp: 164354
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.516 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.110 min

Lab File: VY019225.D

Acq: 22 Aug 2024 17:09

Instrument :

MSVOA_Y

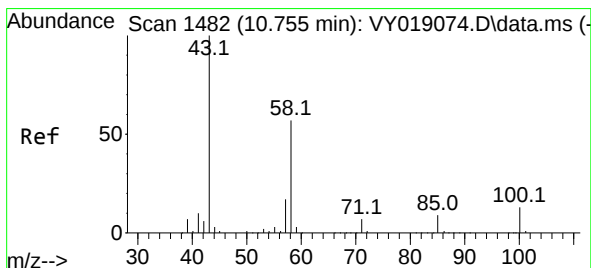
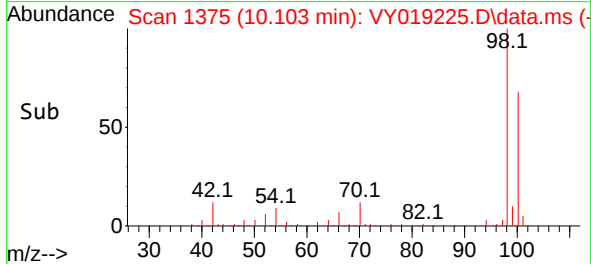
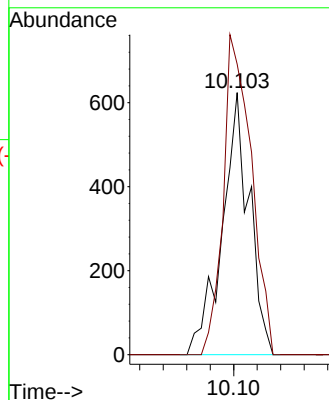
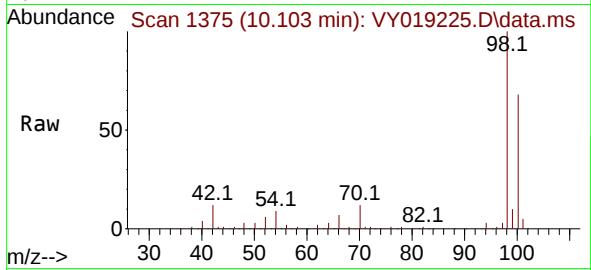
ClientSampleId :

Tgt Ion: 43 Resp: 1001

Ion Ratio Lower Upper

43 100

58 125.8 35.7 53.5#



#59

2-Hexanone

Concen: 1.195 ug/l

RT: 10.639 min Scan# 1463

Delta R.T. -0.116 min

Lab File: VY019225.D

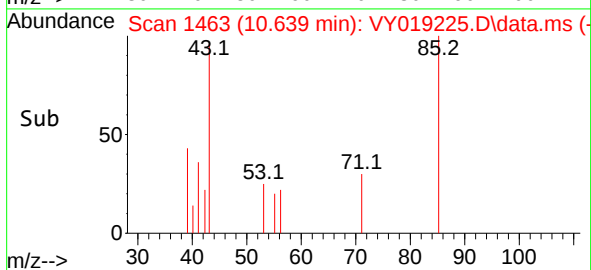
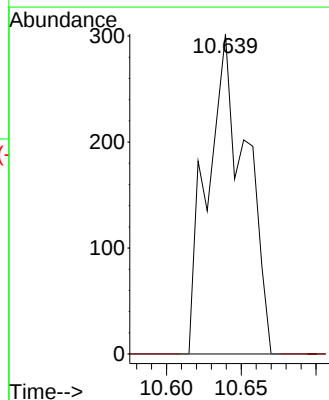
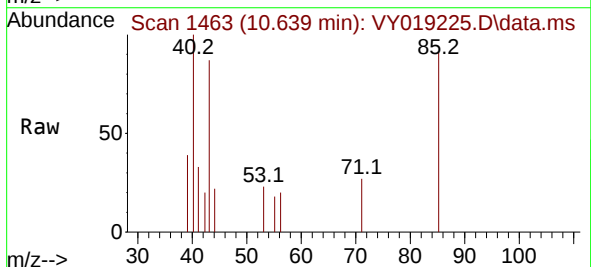
Acq: 22 Aug 2024 17:09

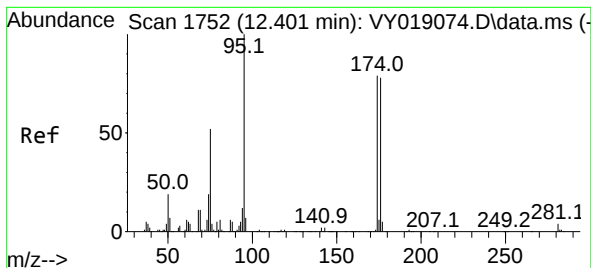
Tgt Ion: 43 Resp: 542

Ion Ratio Lower Upper

43 100

58 0.0 31.4 94.0#

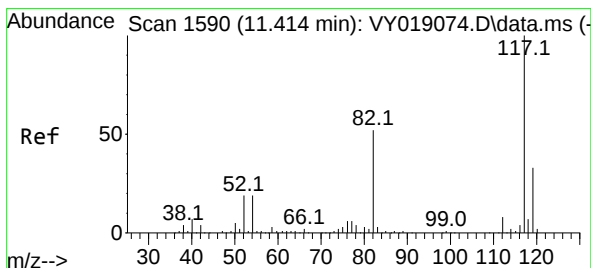
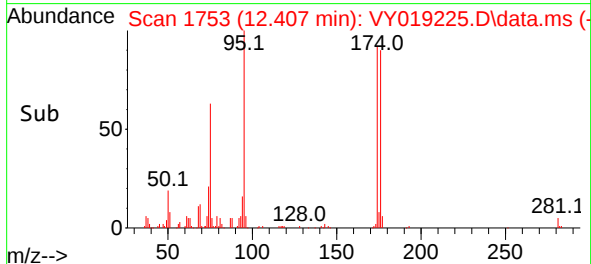
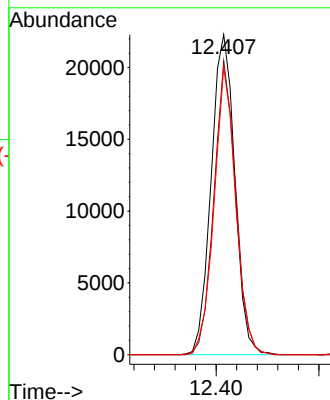
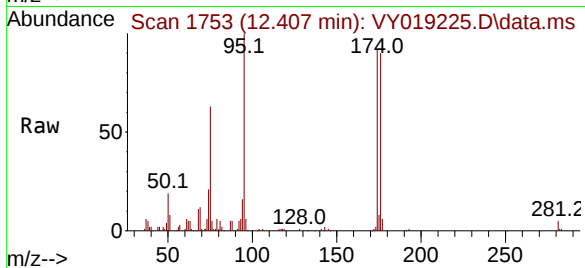




#62
4-Bromofluorobenzene
Concen: 28.590 ug/l
RT: 12.407 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019225.D
Acq: 22 Aug 2024 17:09

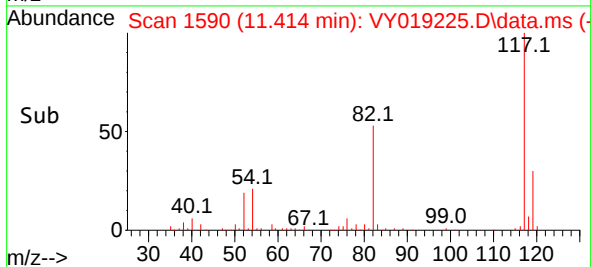
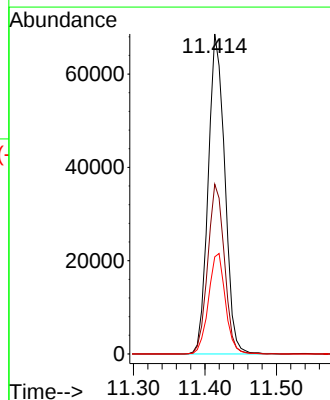
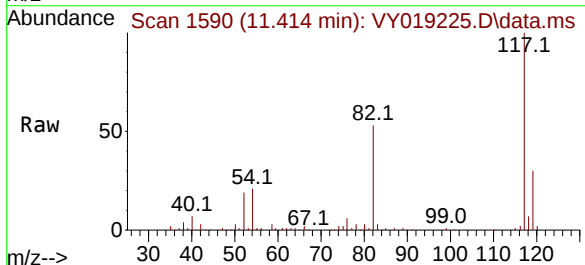
Instrument :
MSVOA_Y
ClientSampleId :

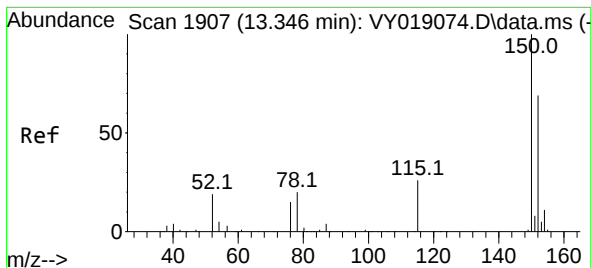
Tgt Ion: 95 Resp: 35470
Ion Ratio Lower Upper
95 100
174 85.3 0.0 175.6
176 82.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019225.D
Acq: 22 Aug 2024 17:09

Tgt Ion: 117 Resp: 110605
Ion Ratio Lower Upper
117 100
82 53.1 42.4 63.6
119 30.4 25.9 38.9

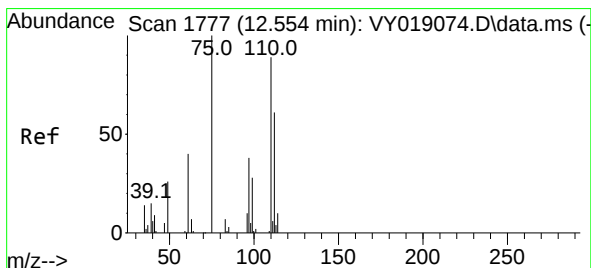
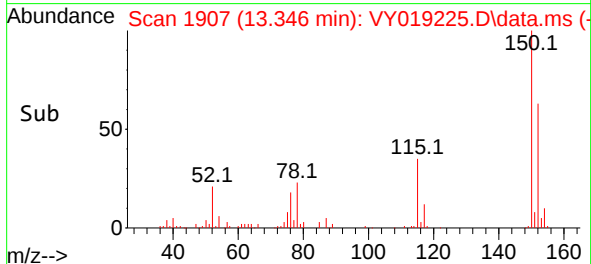
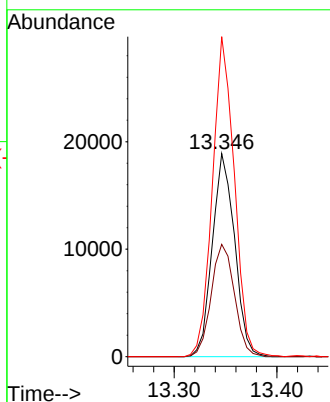
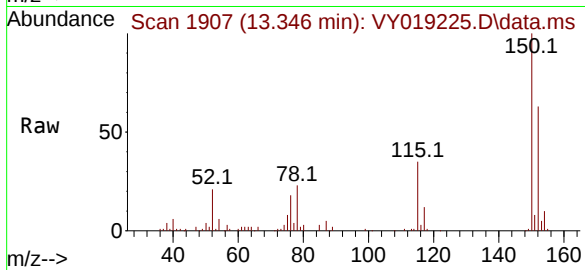




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019225.D
Acq: 22 Aug 2024 17:09

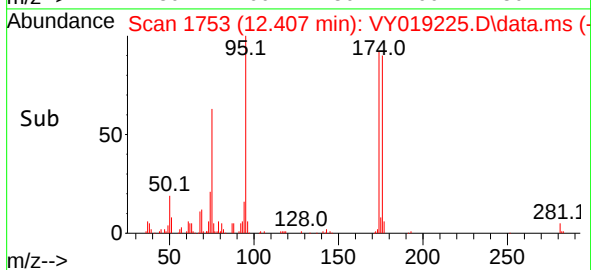
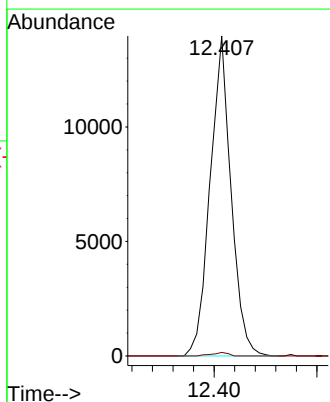
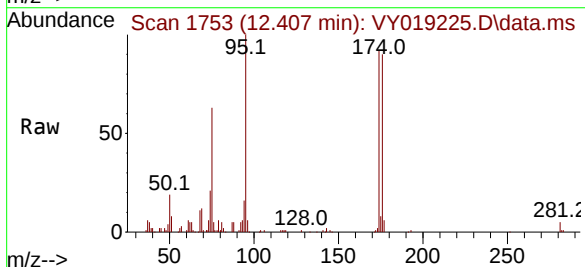
Instrument :
MSVOA_Y
ClientSampleId :

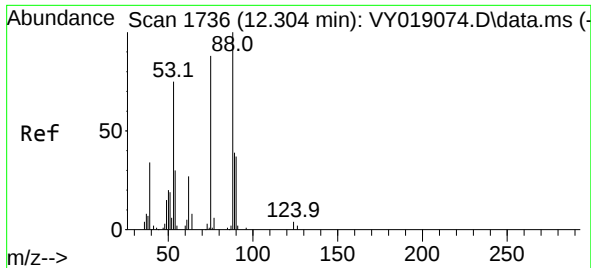
Tgt Ion:	152	Resp:	28511
Ion Ratio	Lower	Upper	
152	100		
115	57.5	28.2	84.7
150	154.7	0.0	345.6



#76
1,2,3-Trichloropropane
Concen: 70.199 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY019225.D
Acq: 22 Aug 2024 17:09

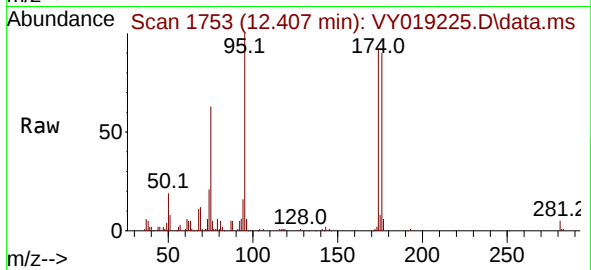
Tgt Ion:	75	Resp:	19738
Ion Ratio	Lower	Upper	
75	100		
77	0.9	0.0	0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 173.369 ug/l
 RT: 12.407 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019225.D
 Acq: 22 Aug 2024 17:09

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 19738
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#

