

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019123.D
 Acq On : 19 Aug 2024 17:45
 Operator : SY/MD
 Sample : P3617-10
 Misc : 3.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 01:48:30 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)

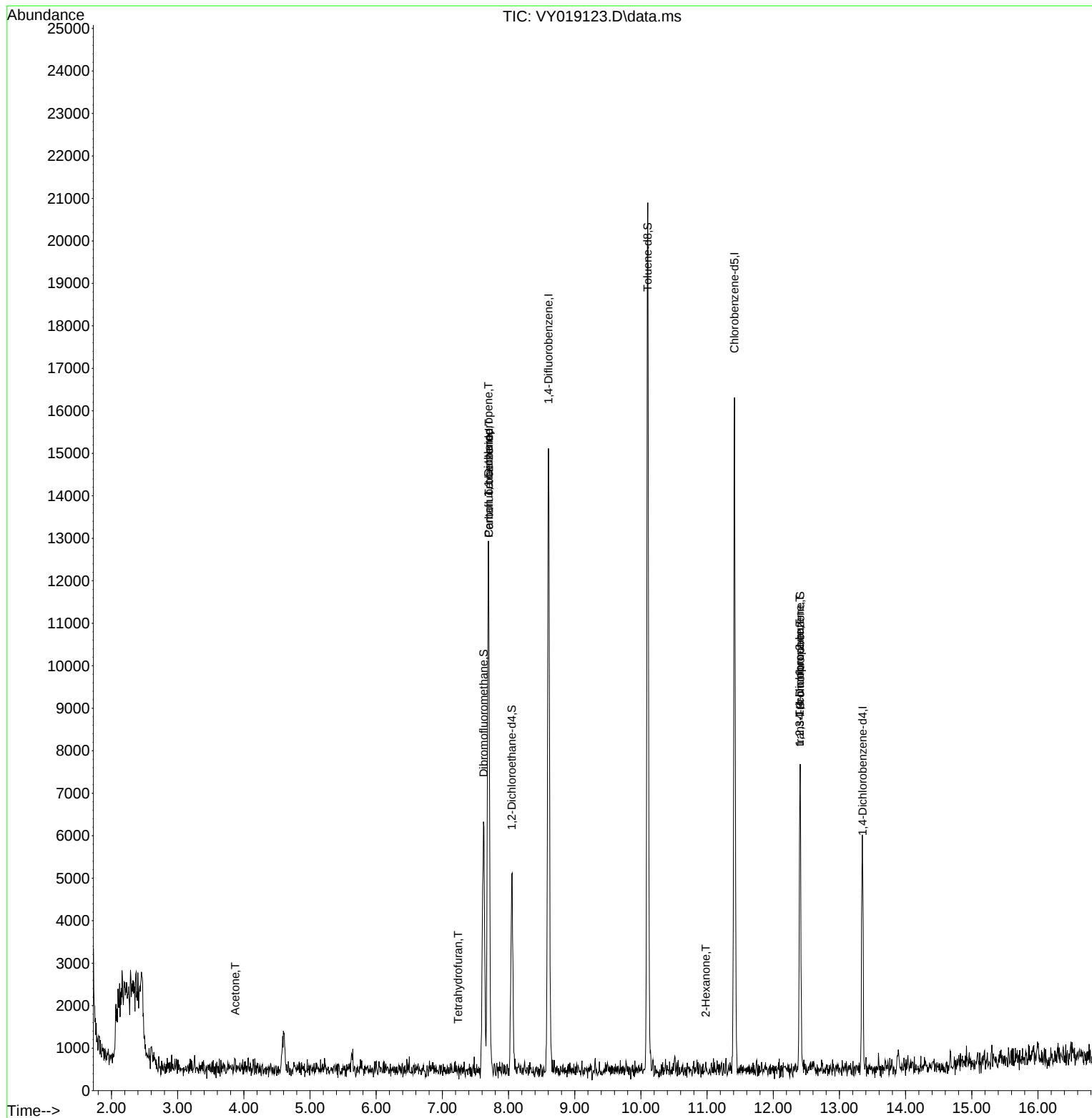
Internal Standards						
1) Pentafluorobenzene	7.701	168	9460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	13099	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	8573	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	1419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	3859	40.694	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.380%
35) Dibromofluoromethane	7.622	113	4367	50.987	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.980%
50) Toluene-d8	10.103	98	13538	43.923	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.840%
62) 4-Bromofluorobenzene	12.408	95	2557	24.336	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	48.680%
Target Compounds						
					Qvalue	
5) Bromomethane	2.611	94	168	Below Cal	#	69
13) Acrolein	3.653	56	28	Below Cal	#	15
16) Acetone	3.873	43	26	1.478	ug/l #	36
20) Methylene Chloride	4.598	84	691	Below Cal	#	81
29) Tetrahydrofuran	7.238	42	39	2.142	ug/l #	26
31) Cyclohexane	7.689	56	195	Below Cal	#	9
36) 1,1-Dichloropropene	7.695	75	720	6.122	ug/l #	40
38) Carbon Tetrachloride	7.701	117	1059	7.770	ug/l #	13
59) 2-Hexanone	10.981	43	44	1.145	ug/l #	19
76) 1,2,3-Trichloropropane	12.402	75	1210	86.466	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.402	75	1210	213.542	ug/l #	16

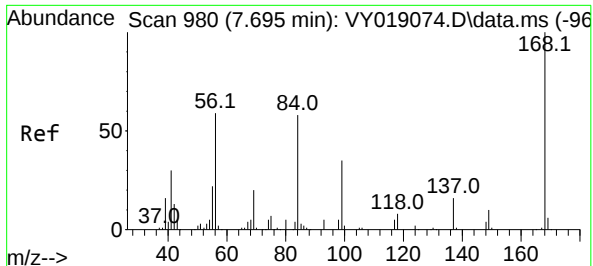
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
Data File : VY019123.D
Acq On : 19 Aug 2024 17:45
Operator : SY/MD
Sample : P3617-10
Misc : 3.04g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Aug 20 01:48:30 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

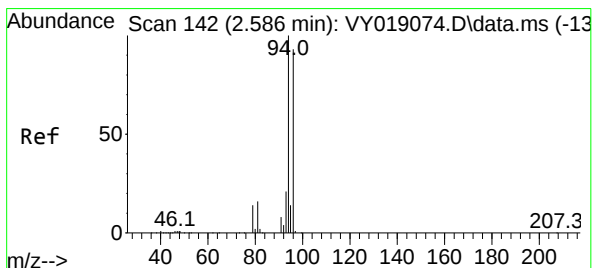
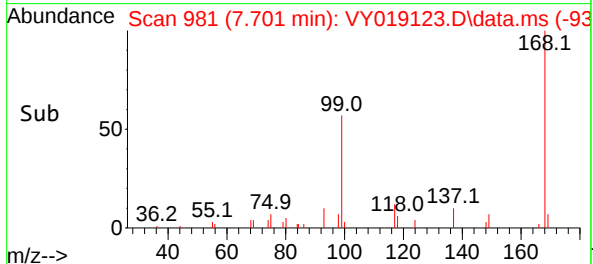
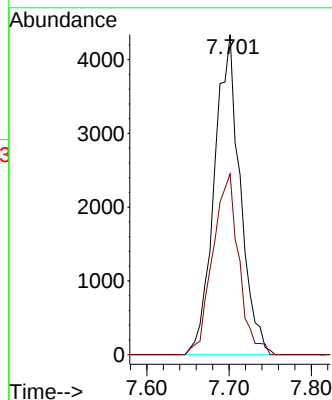
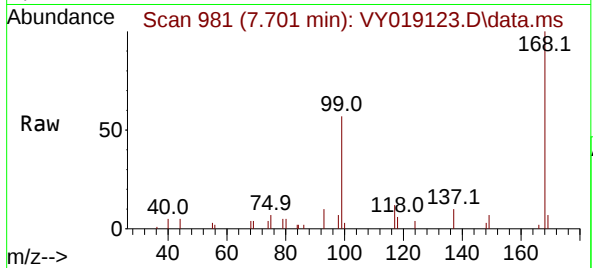




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

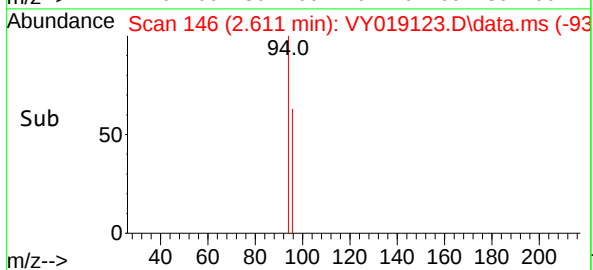
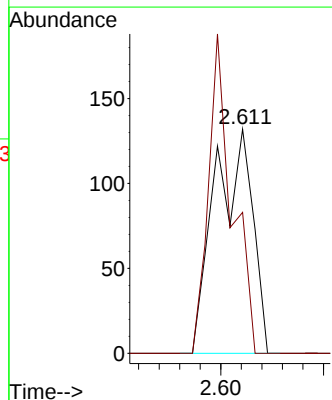
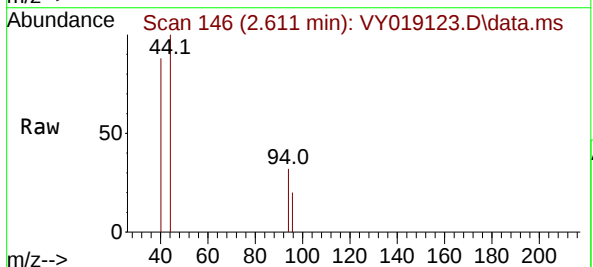
Instrument :
MSVOA_Y
ClientSampleId :

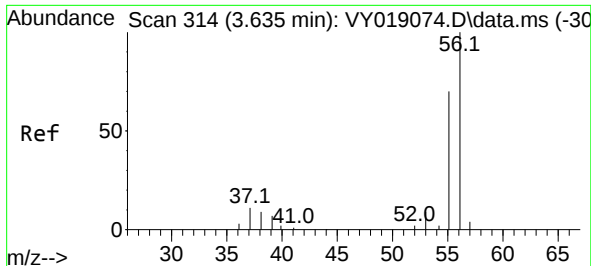
Tgt Ion:168 Resp: 9460
Ion Ratio Lower Upper
168 100
99 56.5 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.611 min Scan# 146
Delta R.T. 0.025 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

Tgt Ion: 94 Resp: 168
Ion Ratio Lower Upper
94 100
96 62.9 74.1 111.1#





#13

Acrolein

Concen: Below Cal

RT: 3.653 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY019123.D

Acq: 19 Aug 2024 17:45

Instrument :

MSVOA_Y

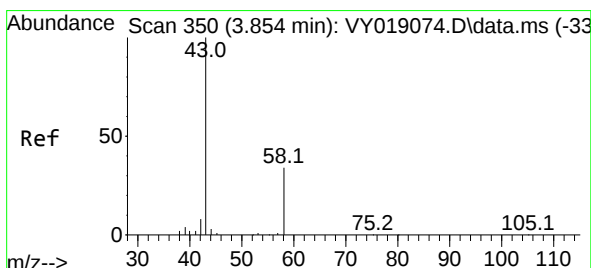
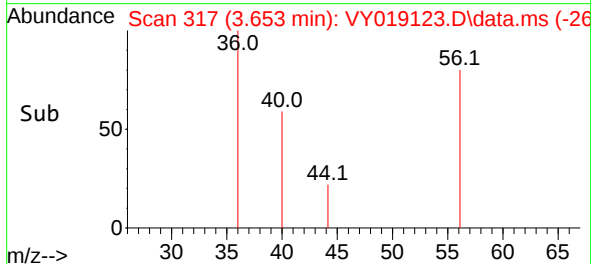
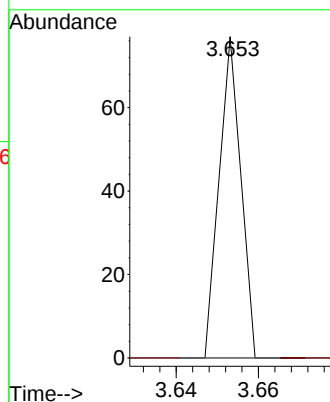
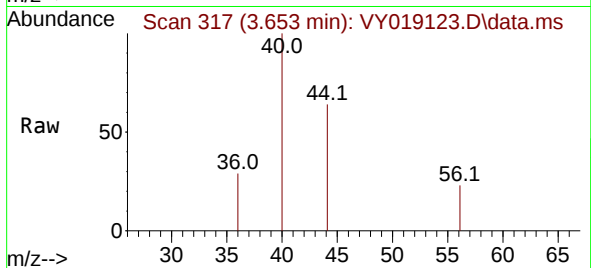
ClientSampleId :

Tgt Ion: 56 Resp: 28

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#16

Acetone

Concen: 1.478 ug/l

RT: 3.873 min Scan# 353

Delta R.T. 0.019 min

Lab File: VY019123.D

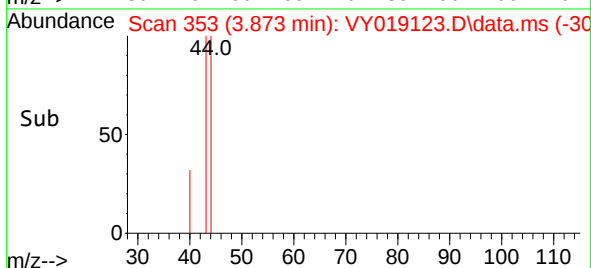
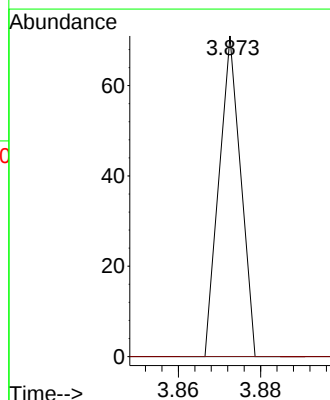
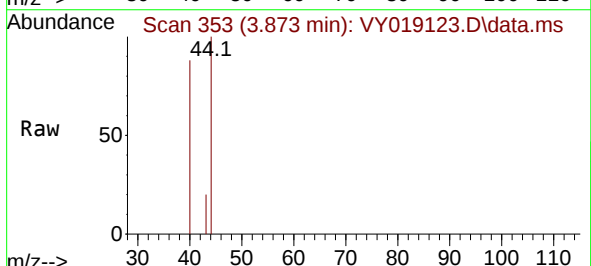
Acq: 19 Aug 2024 17:45

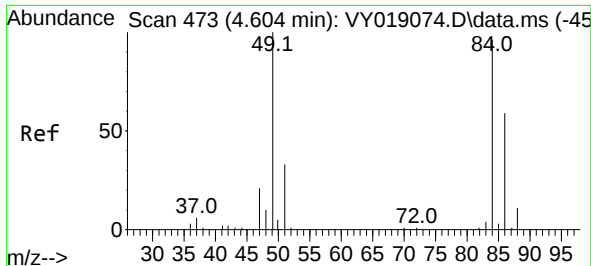
Tgt Ion: 43 Resp: 26

Ion Ratio Lower Upper

43 100

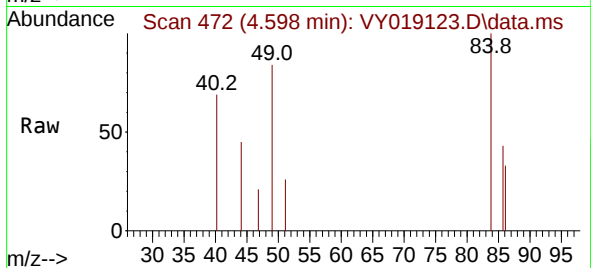
58 0.0 31.7 47.5#



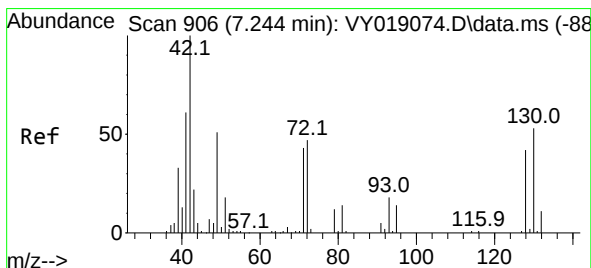
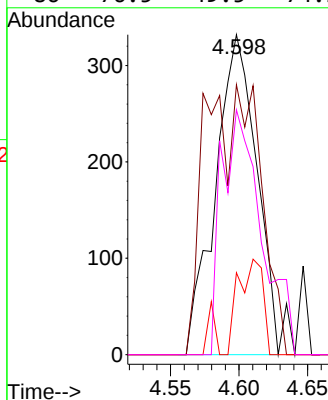
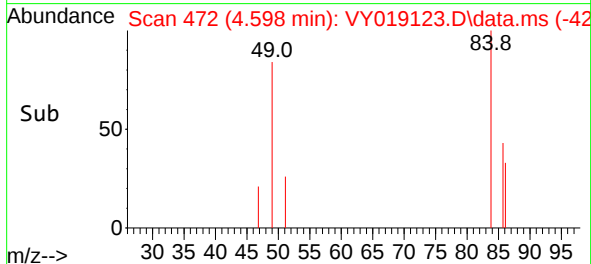


#20
Methylene Chloride
Concen: Below Cal
RT: 4.598 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :

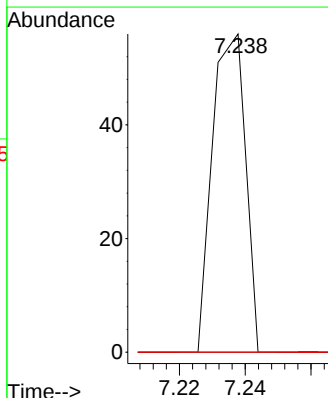
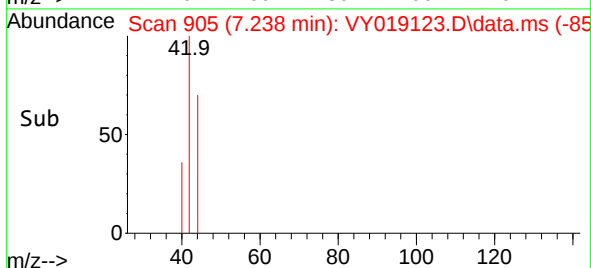
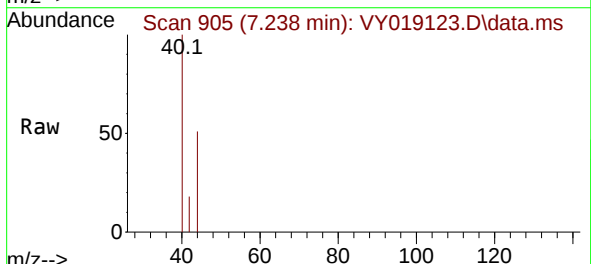


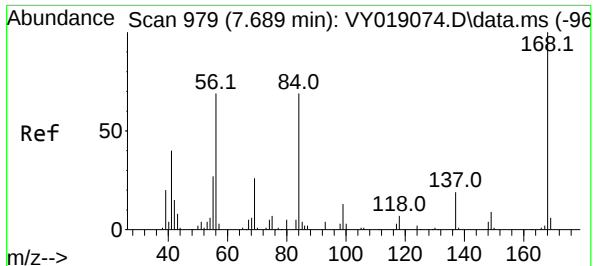
Tgt Ion:	84	Resp:	691
Ion	Ratio	Lower	Upper
84	100		
49	84.3	84.4	126.6#
51	25.6	26.0	39.0#
86	76.5	49.5	74.3#



#29
Tetrahydrofuran
Concen: 2.142 ug/l
RT: 7.238 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

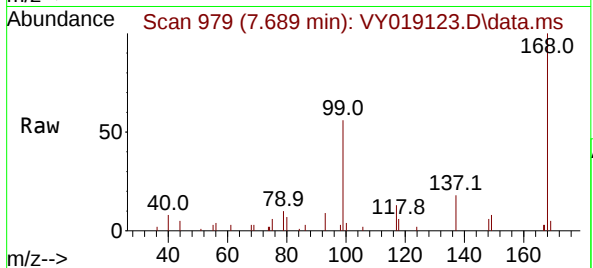
Tgt Ion:	42	Resp:	39
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.0	64.4#
71	0.0	40.8	61.2#



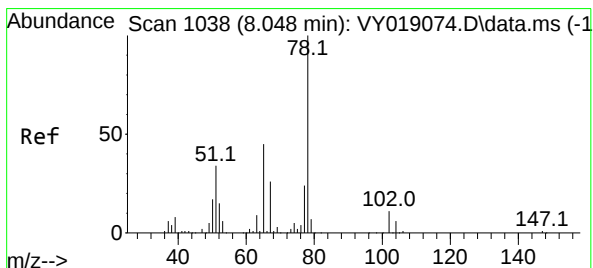
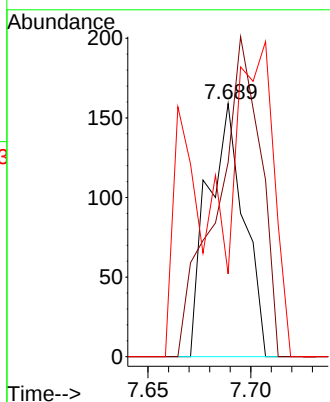
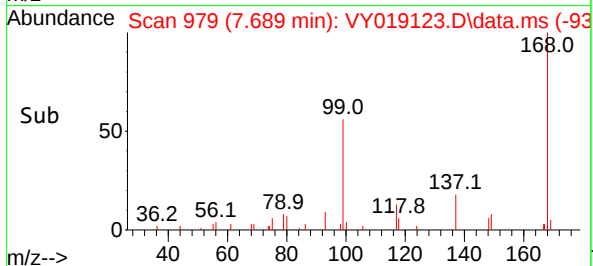


#31
Cyclohexane
Concen: Below Cal
RT: 7.689 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :

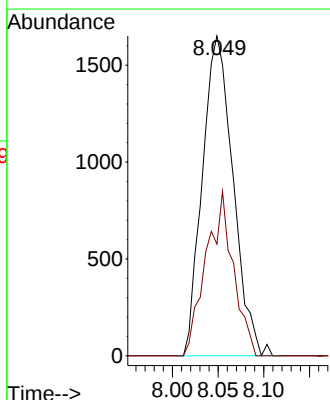
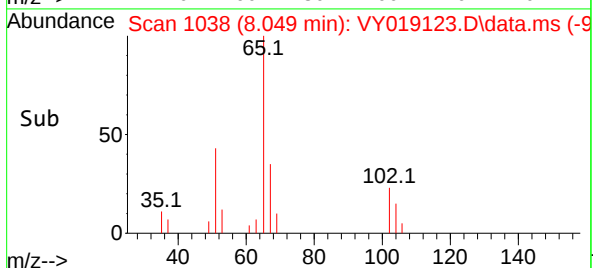
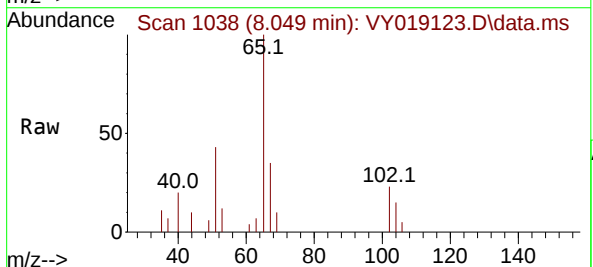


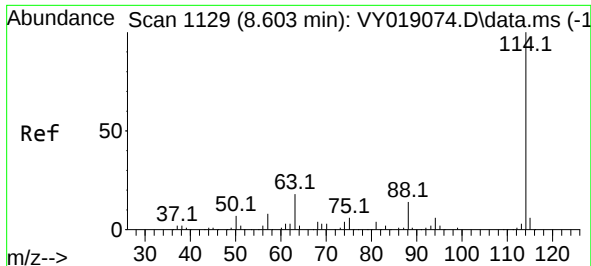
Tgt Ion: 56 Resp: 195
Ion Ratio Lower Upper
56 100
69 76.7 28.7 43.1#
84 0.0 77.7 116.5#



#33
1,2-Dichloroethane-d4
Concen: 40.694 ug/l
RT: 8.049 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

Tgt Ion: 65 Resp: 3859
Ion Ratio Lower Upper
65 100
67 45.5 0.0 109.6

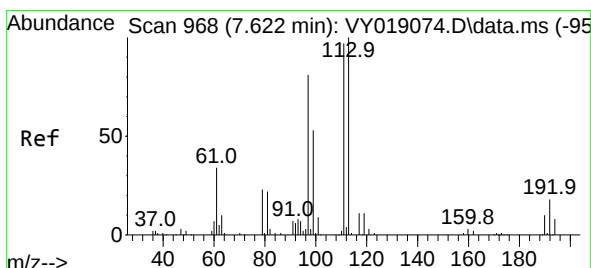
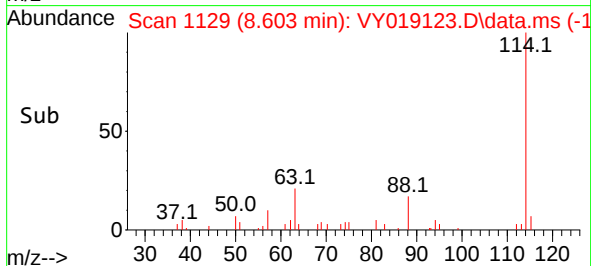
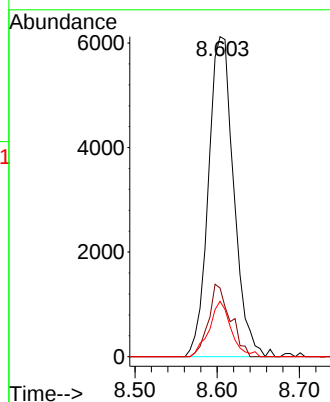
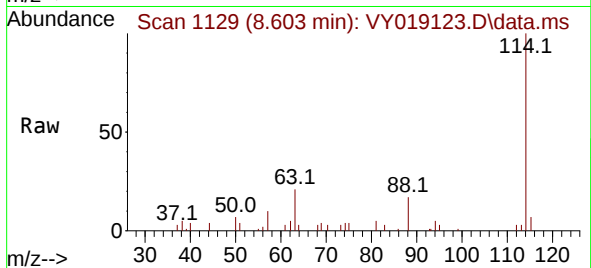




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.603 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

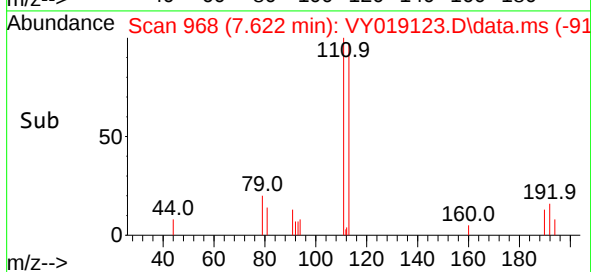
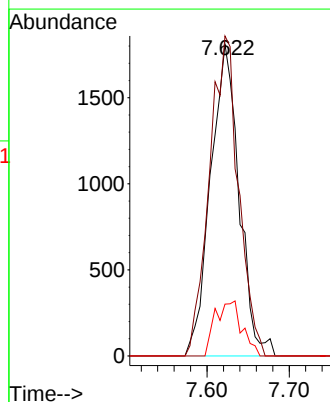
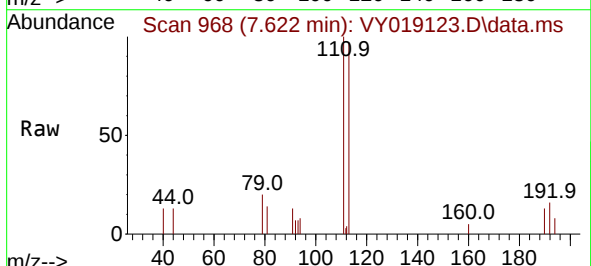
Instrument :
MSVOA_Y
ClientSampleId :

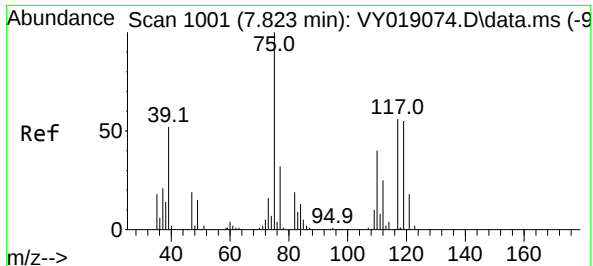
Tgt Ion:114	Resp:	13099
Ion Ratio	Lower	Upper
114	100	
63	21.5	0.0 35.0
88	17.3	0.0 27.2



#35
Dibromofluoromethane
Concen: 50.987 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.000 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

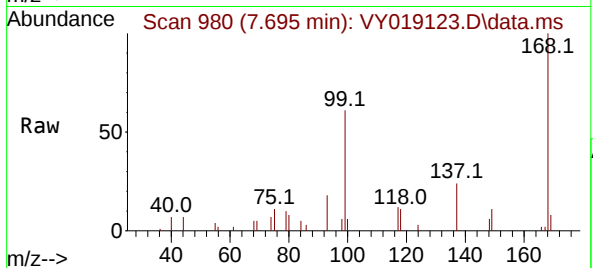
Tgt Ion:113	Resp:	4367
Ion Ratio	Lower	Upper
113	100	
111	104.9	82.2 123.4
192	16.4	15.9 23.9



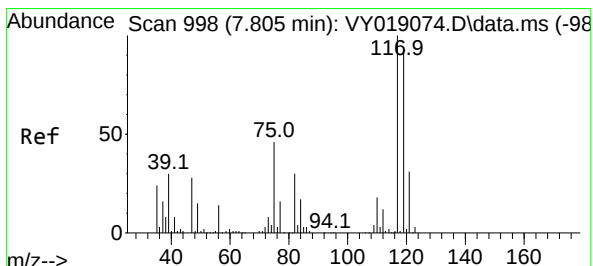
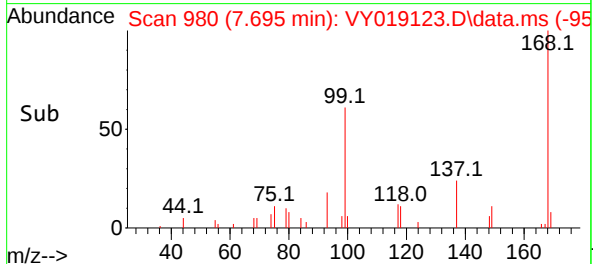
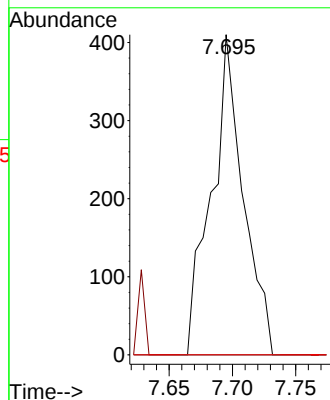


#36
1,1-Dichloropropene
Concen: 6.122 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :

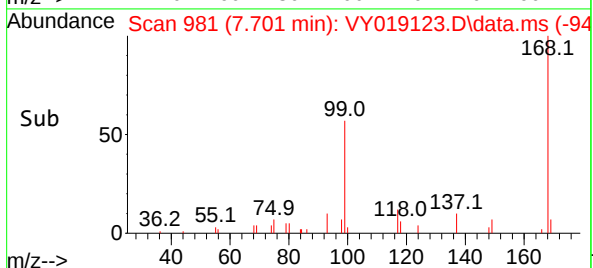
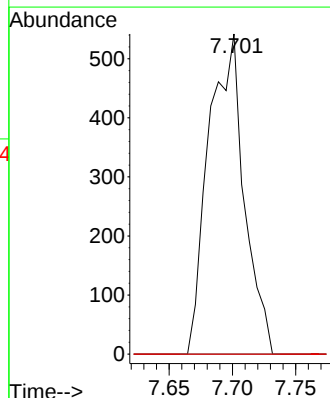
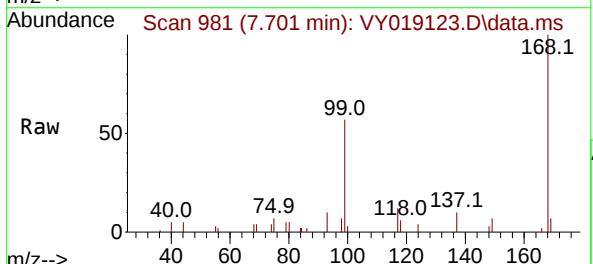


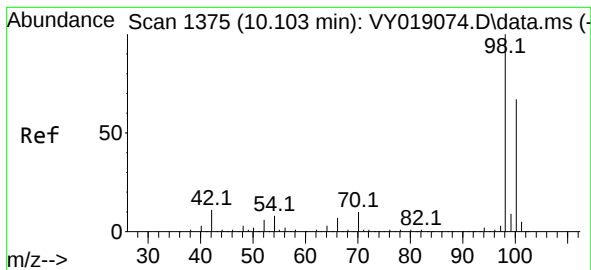
Tgt Ion: 75 Resp: 720
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 7.770 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.103 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

Tgt Ion: 117 Resp: 1059
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#





#50

Toluene-d8

Concen: 43.923 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019123.D

Acq: 19 Aug 2024 17:45

Instrument :

MSVOA_Y

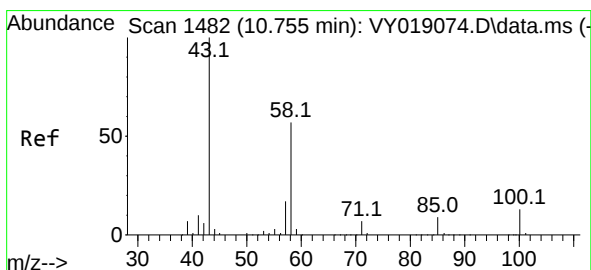
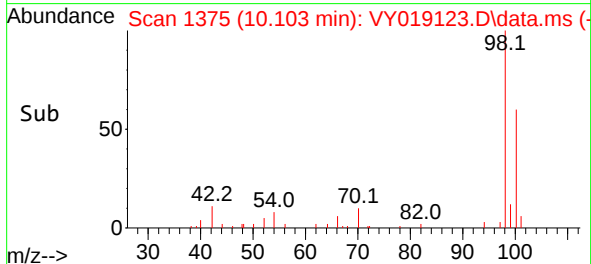
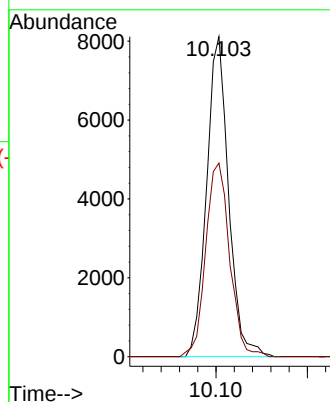
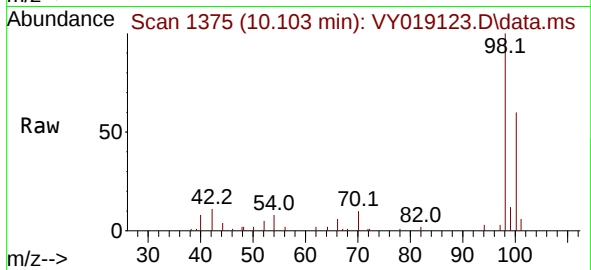
ClientSampleId :

Tgt Ion: 98 Resp: 13538

Ion Ratio Lower Upper

98 100

100 65.9 52.0 78.0



#59

2-Hexanone

Concen: 1.145 ug/l

RT: 10.981 min Scan# 1519

Delta R.T. 0.226 min

Lab File: VY019123.D

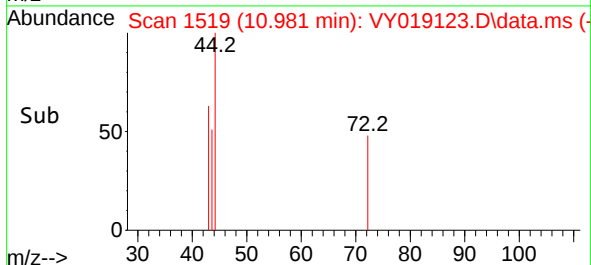
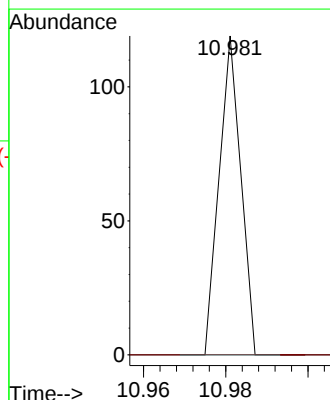
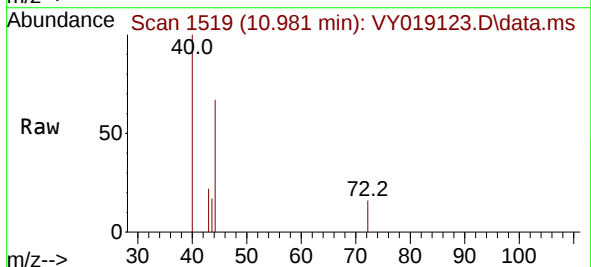
Acq: 19 Aug 2024 17:45

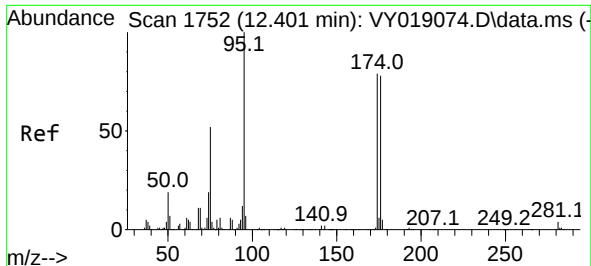
Tgt Ion: 43 Resp: 44

Ion Ratio Lower Upper

43 100

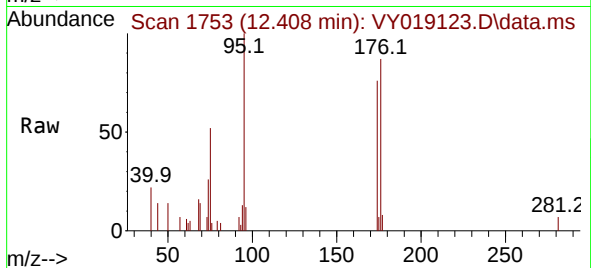
58 0.0 31.4 94.0#



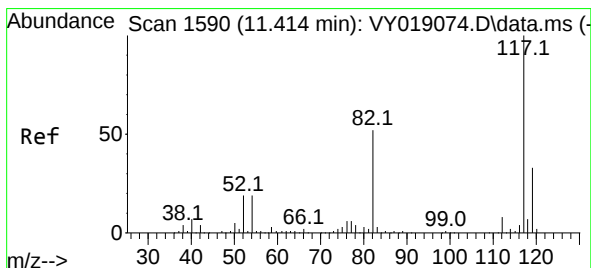
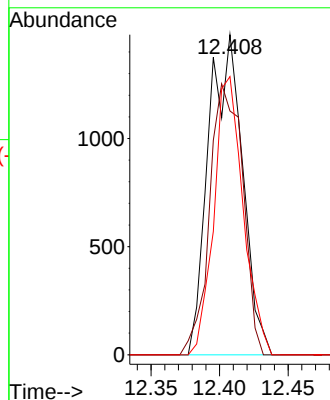
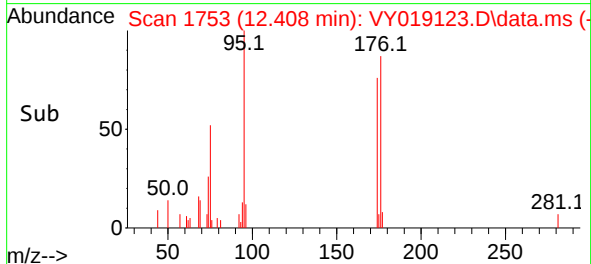


#62
4-Bromofluorobenzene
Concen: 24.336 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :

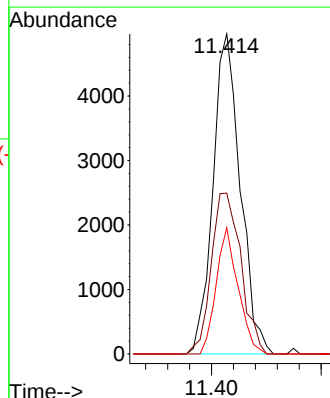
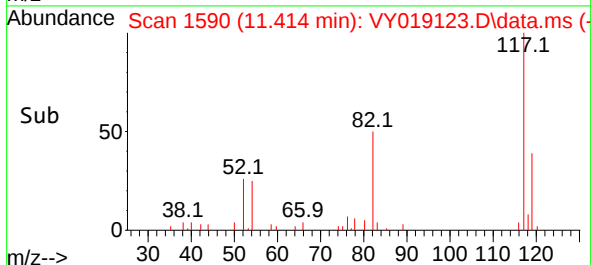
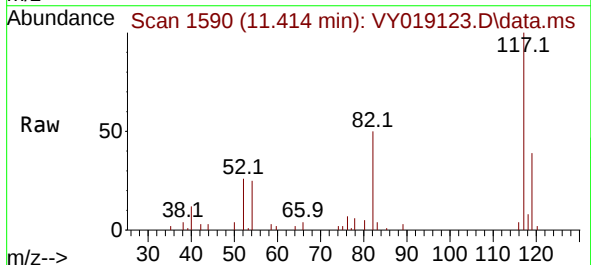


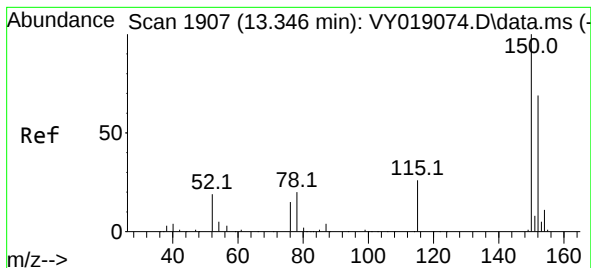
Tgt Ion:	95	Resp:	2557
Ion Ratio	100	Lower	Upper
174	81.9	0.0	175.6
176	74.7	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

Tgt Ion:	117	Resp:	8573
Ion Ratio	100	Lower	Upper
82	50.3	42.4	63.6
119	39.4	25.9	38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VY019123.D

Acq: 19 Aug 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

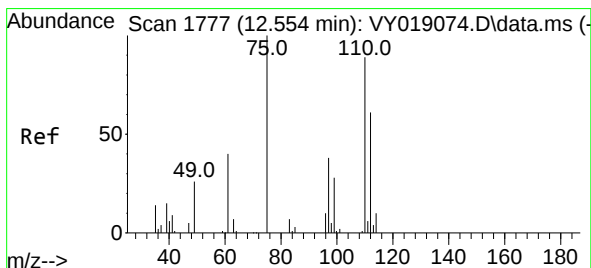
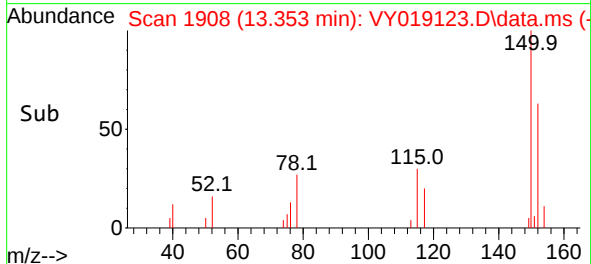
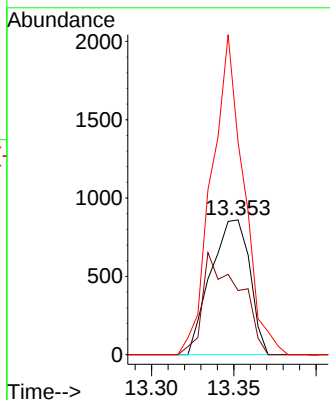
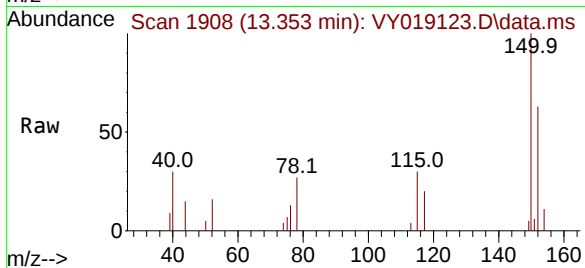
Tgt Ion:152 Resp: 1419

Ion Ratio Lower Upper

152 100

115 70.8 28.2 84.7

150 194.7 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 86.466 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY019123.D

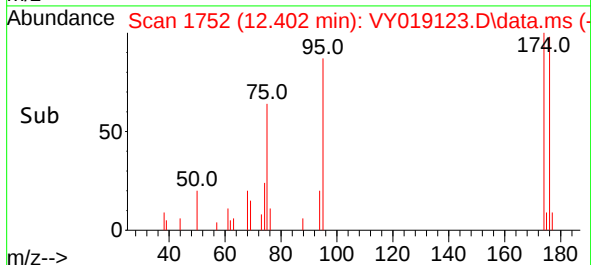
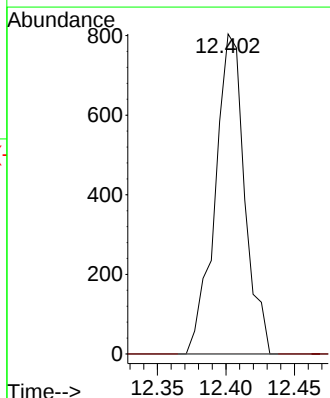
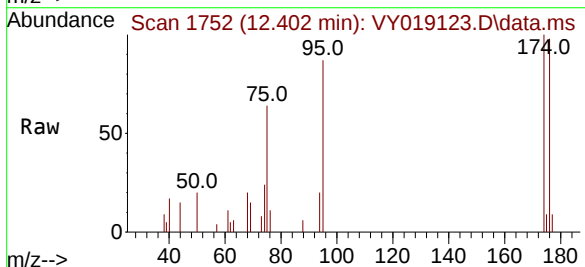
Acq: 19 Aug 2024 17:45

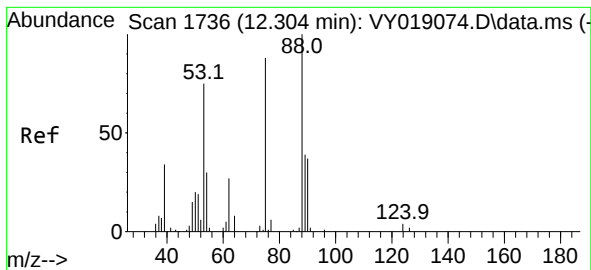
Tgt Ion: 75 Resp: 1210

Ion Ratio Lower Upper

75 100

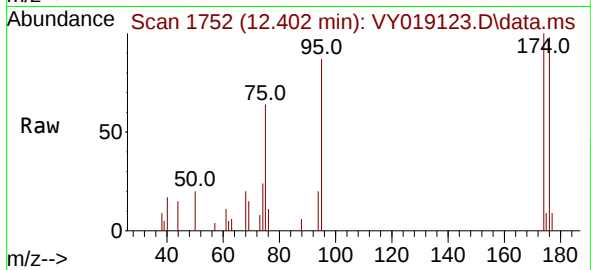
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 213.542 ug/l
RT: 12.402 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY019123.D
Acq: 19 Aug 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :



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

