

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019122.D
 Acq On : 19 Aug 2024 17:20
 Operator : SY/MD
 Sample : P3580-07
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 01:48:07 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)

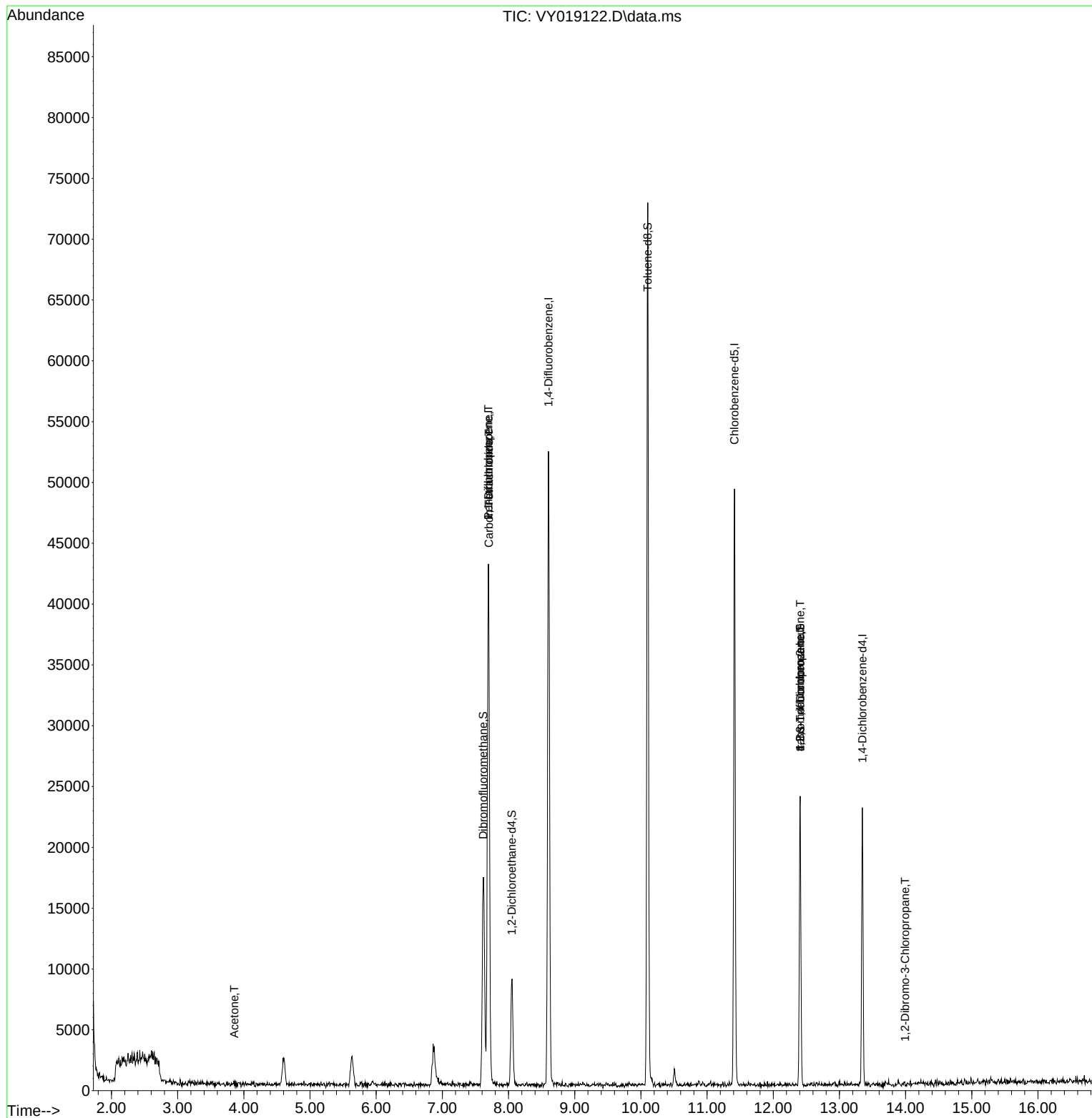
Internal Standards						
1) Pentafluorobenzene	7.695	168	33123	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	45959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	26199	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	5413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	7137	21.495	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	42.980%#		
35) Dibromofluoromethane	7.616	113	12439	41.393	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.780%		
50) Toluene-d8	10.103	98	47586	44.003	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.000%		
62) 4-Bromofluorobenzene	12.408	95	7273	19.728	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	39.460%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.598	94	310	Below Cal	#	3
6) Chloroethane	2.647	64	23	Below Cal	#	42
11) Tert butyl alcohol	4.817	59	96	Below Cal	#	88
16) Acetone	3.854	43	89	1.445 ug/l	#	36
20) Methylene Chloride	4.610	84	1856	Below Cal		87
31) Cyclohexane	7.689	56	665	Below Cal	#	31
36) 1,1-Dichloropropene	7.695	75	2530	6.131 ug/l	#	47
38) Carbon Tetrachloride	7.701	117	3332	6.968 ug/l	#	20
76) 1,2,3-Trichloropropane	12.408	75	4101	76.824 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.408	75	4101	189.729 ug/l	#	16
92) 1,2-Dibromo-3-Chloropr...	13.993	75	23	2.117 ug/l	#	1

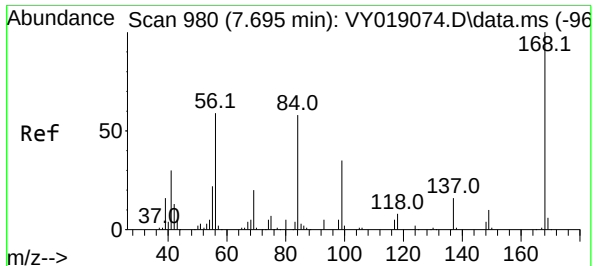
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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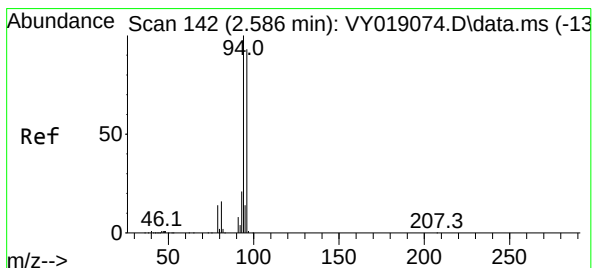
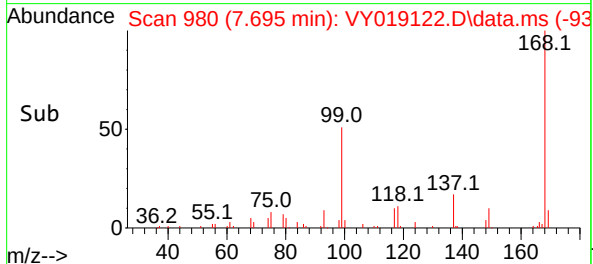
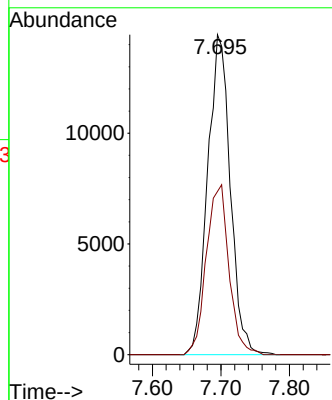
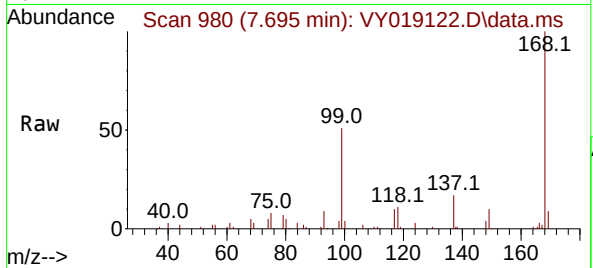




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019122.D
Acq: 19 Aug 2024 17:20

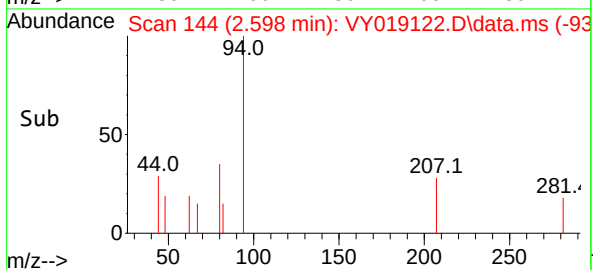
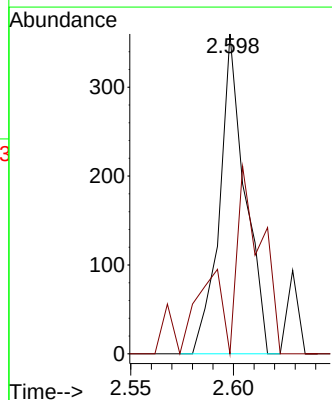
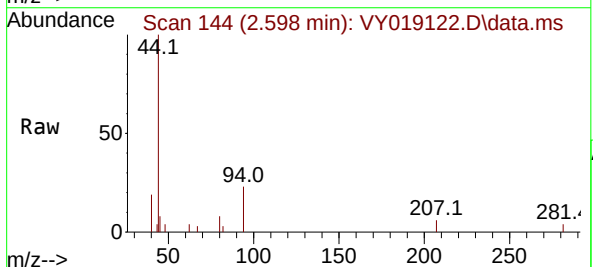
Instrument :
MSVOA_Y
ClientSampleId :

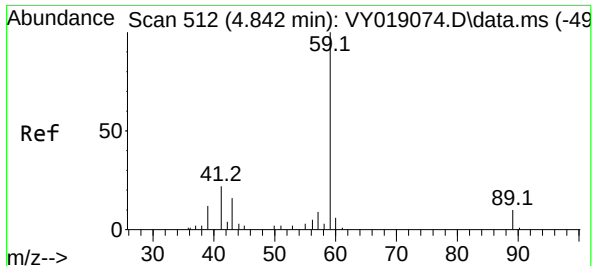
Tgt Ion:168 Resp: 33123
Ion Ratio Lower Upper
168 100
99 51.0 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.598 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY019122.D
Acq: 19 Aug 2024 17:20

Tgt Ion: 94 Resp: 310
Ion Ratio Lower Upper
94 100
96 0.0 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.817 min Scan# 508

Delta R.T. -0.025 min

Lab File: VY019122.D

Acq: 19 Aug 2024 17:20

Instrument :

MSVOA_Y

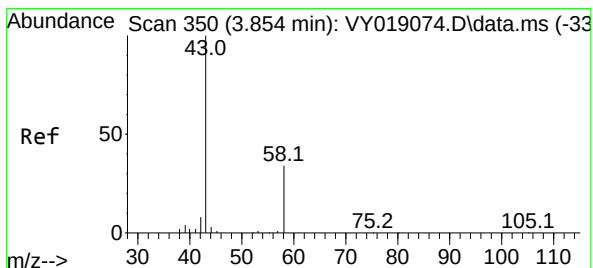
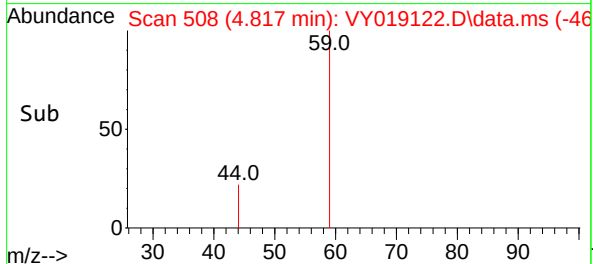
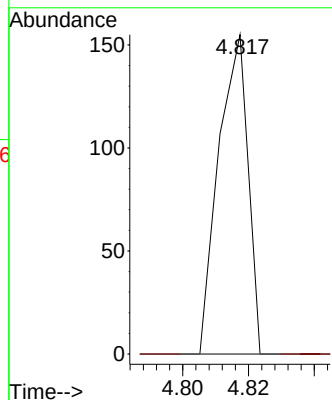
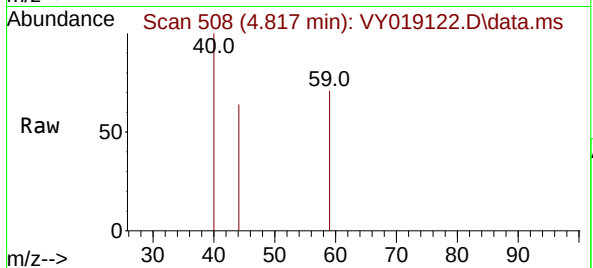
ClientSampleId :

Tgt Ion: 59 Resp: 96

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 1.445 ug/l

RT: 3.854 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY019122.D

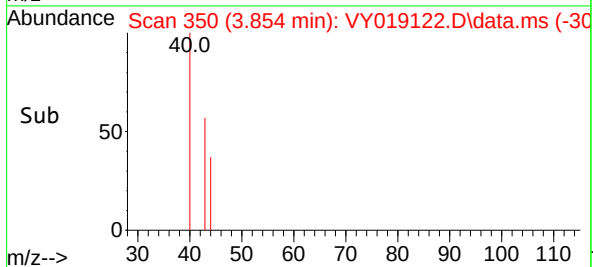
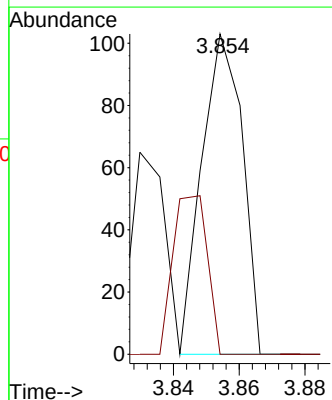
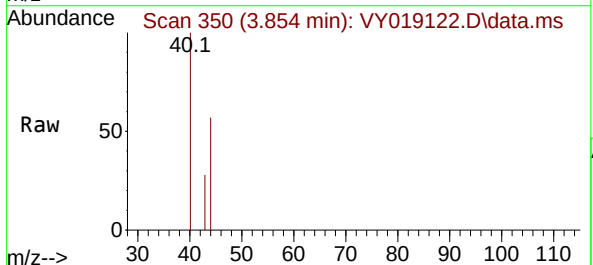
Acq: 19 Aug 2024 17:20

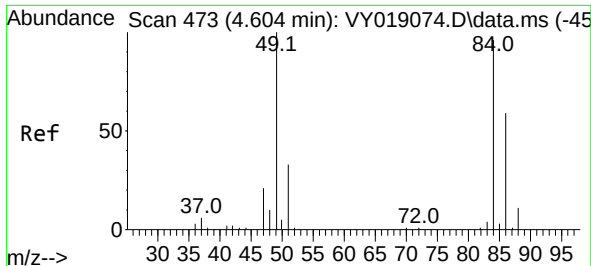
Tgt Ion: 43 Resp: 89

Ion Ratio Lower Upper

43 100

58 0.0 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.610 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY019122.D

Acq: 19 Aug 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 1856

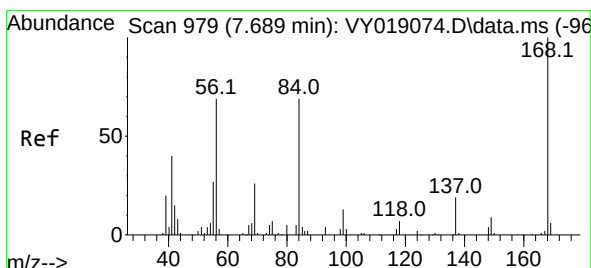
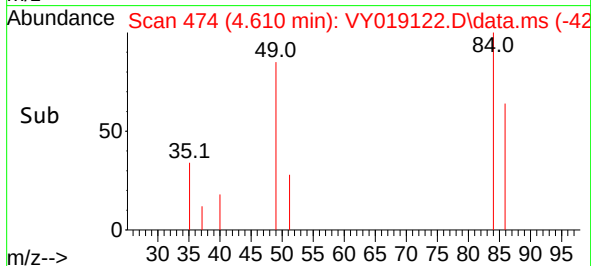
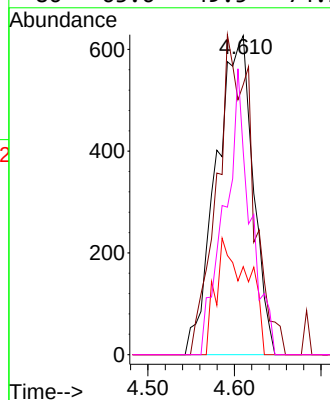
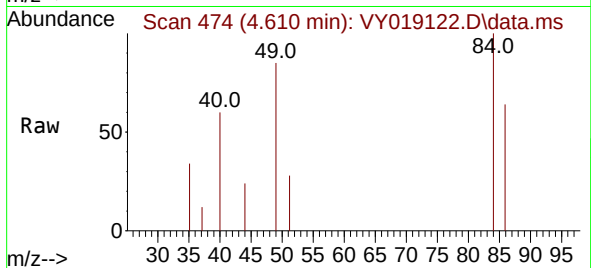
Ion Ratio Lower Upper

84 100

49 84.7 84.4 126.6

51 27.6 26.0 39.0

86 63.6 49.5 74.3



#31

Cyclohexane

Concen: Below Cal

RT: 7.689 min Scan# 979

Delta R.T. -0.000 min

Lab File: VY019122.D

Acq: 19 Aug 2024 17:20

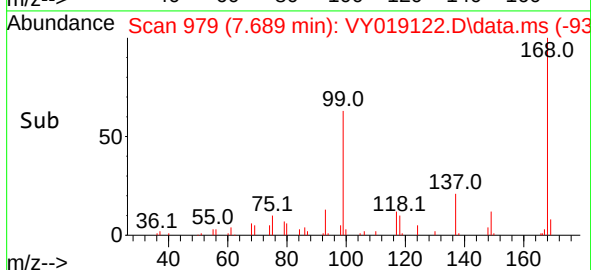
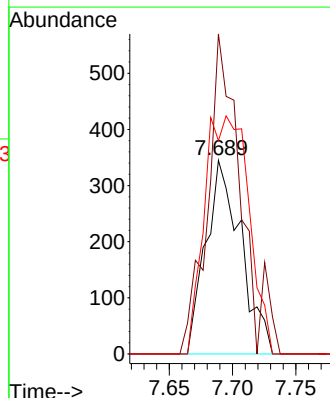
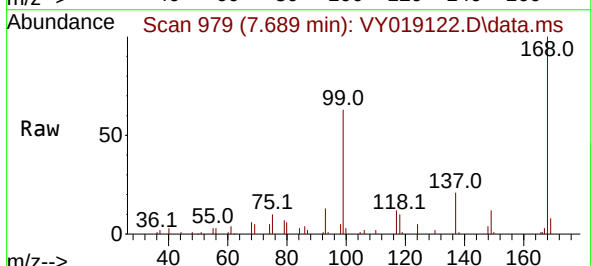
Tgt Ion: 56 Resp: 665

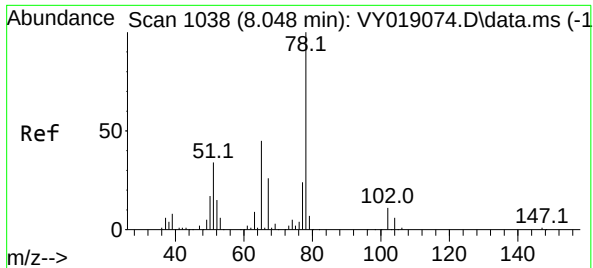
Ion Ratio Lower Upper

56 100

69 165.2 28.7 43.1#

84 110.1 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 21.495 ug/l

RT: 8.049 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY019122.D

Acq: 19 Aug 2024 17:20

Instrument :

MSVOA_Y

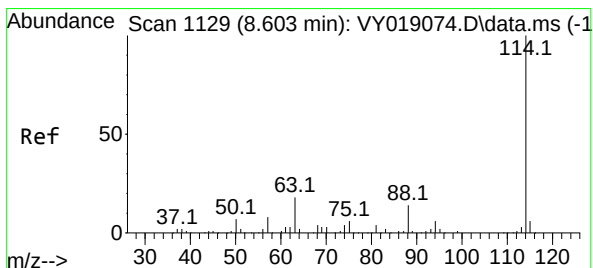
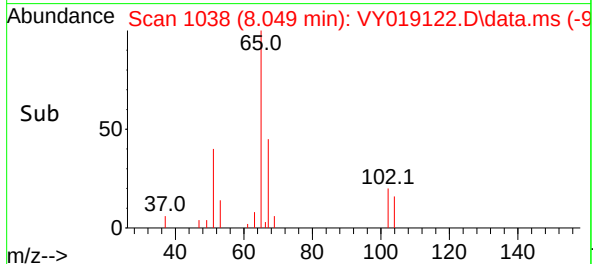
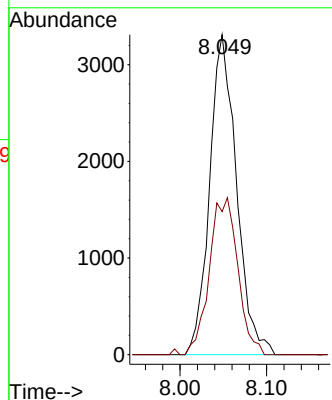
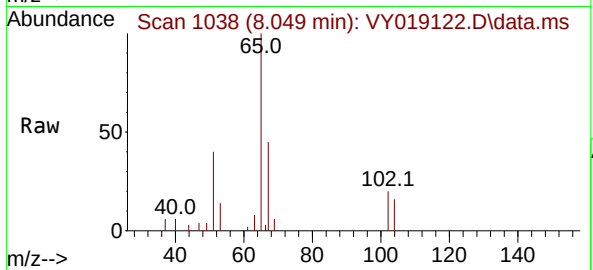
ClientSampleId :

Tgt Ion: 65 Resp: 7137

Ion Ratio Lower Upper

65 100

67 52.0 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: VY019122.D

Acq: 19 Aug 2024 17:20

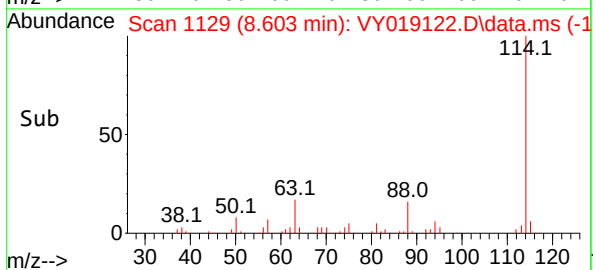
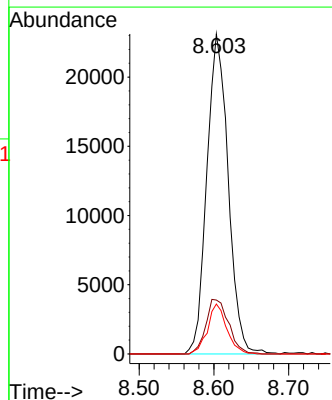
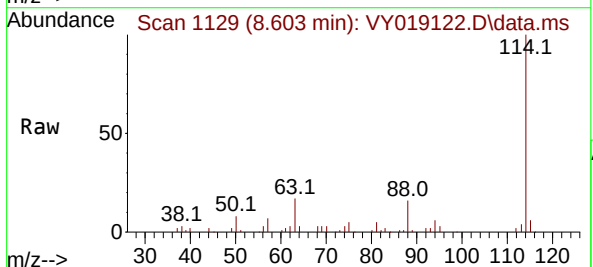
Tgt Ion: 114 Resp: 45959

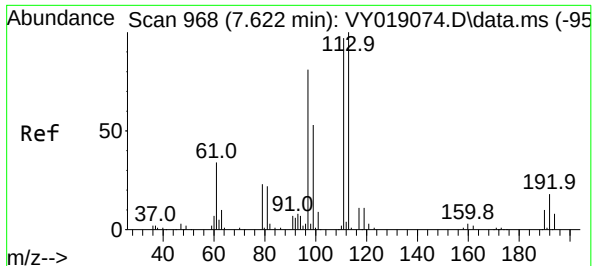
Ion Ratio Lower Upper

114 100

63 16.9 0.0 35.0

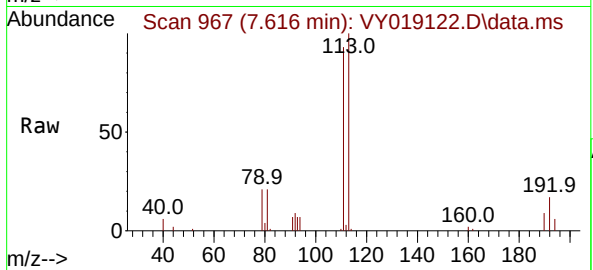
88 15.6 0.0 27.2



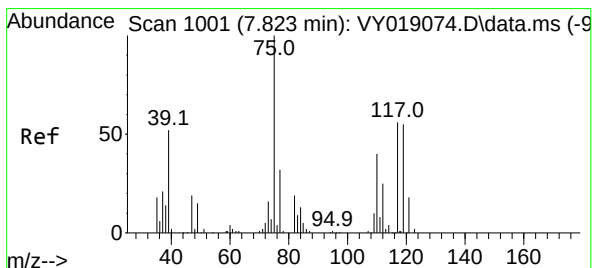
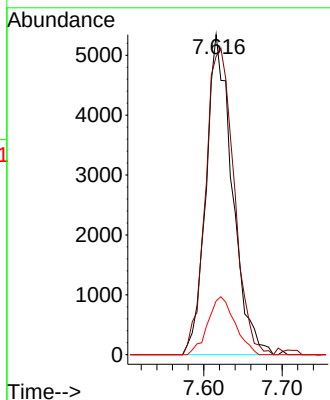
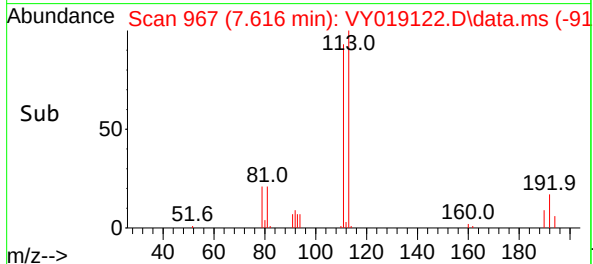


#35
Dibromofluoromethane
Concen: 41.393 ug/l
RT: 7.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019122.D
Acq: 19 Aug 2024 17:20

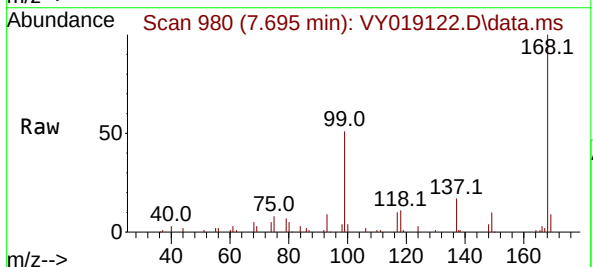
Instrument :
MSVOA_Y
ClientSampleId :



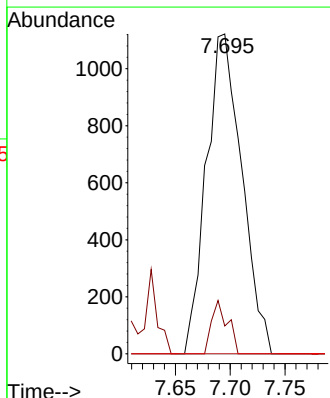
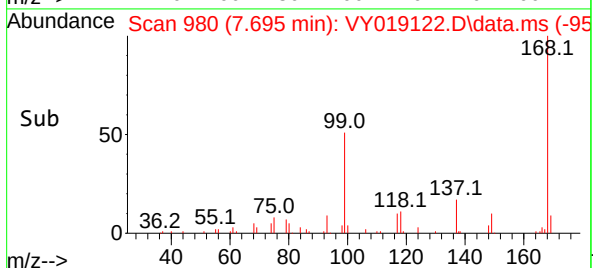
Tgt Ion:113 Resp: 12439
Ion Ratio Lower Upper
113 100
111 103.8 82.2 123.4
192 18.7 15.9 23.9

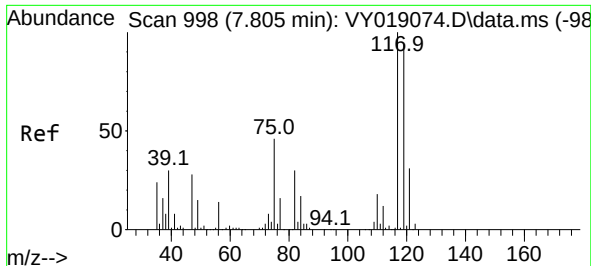


#36
1,1-Dichloropropene
Concen: 6.131 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019122.D
Acq: 19 Aug 2024 17:20



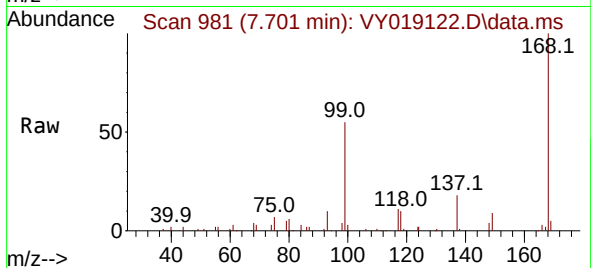
Tgt Ion: 75 Resp: 2530
Ion Ratio Lower Upper
75 100
110 7.5 19.0 57.0#
77 0.0 25.3 37.9#



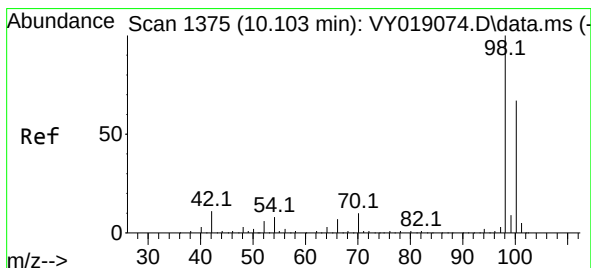
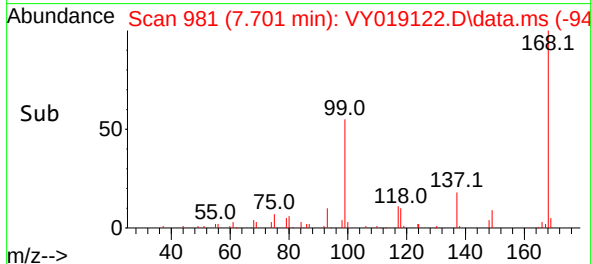
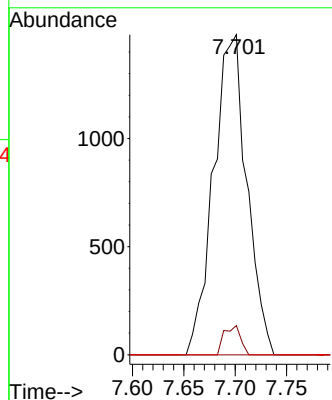


#38
Carbon Tetrachloride
Concen: 6.968 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019122.D
Acq: 19 Aug 2024 17:20

Instrument :
MSVOA_Y
ClientSampleId :

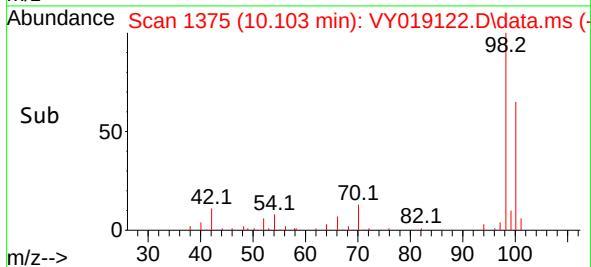
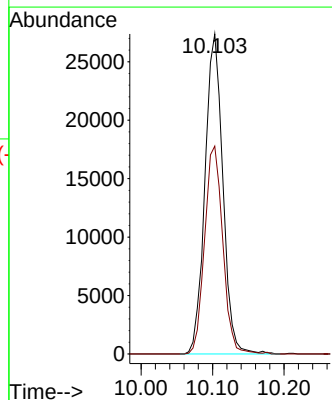
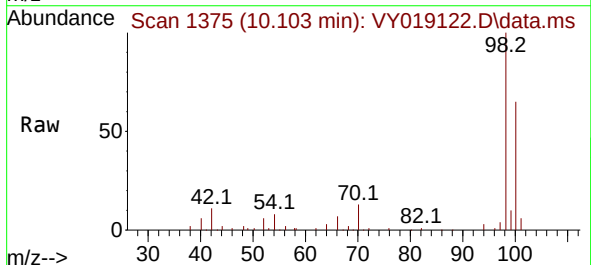


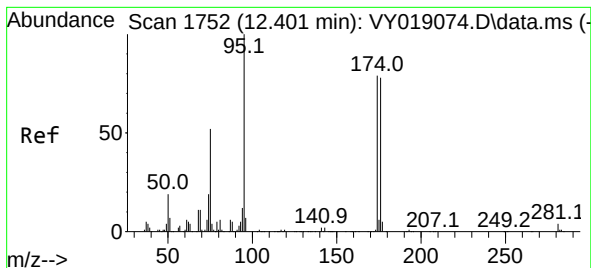
Tgt Ion:117 Resp: 3332
Ion Ratio Lower Upper
117 100
119 9.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 44.003 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019122.D
Acq: 19 Aug 2024 17:20

Tgt Ion: 98 Resp: 47586
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

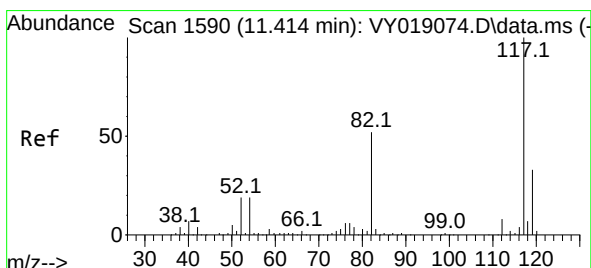
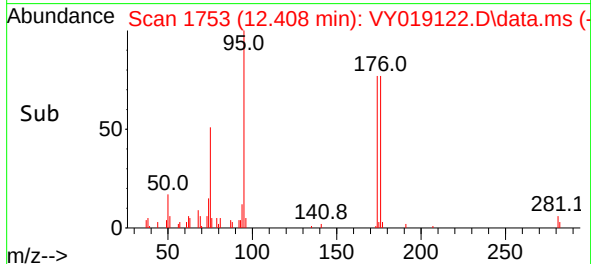
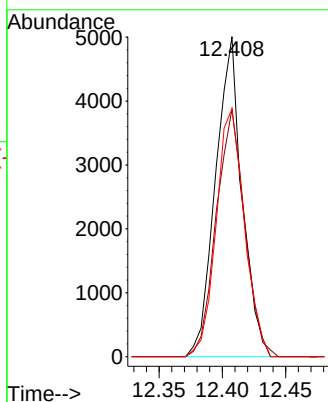
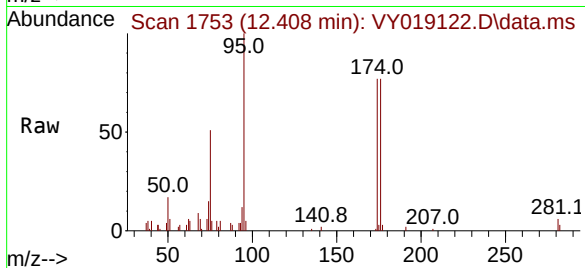




#62
4-Bromofluorobenzene
Concen: 19.728 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019122.D
Acq: 19 Aug 2024 17:20

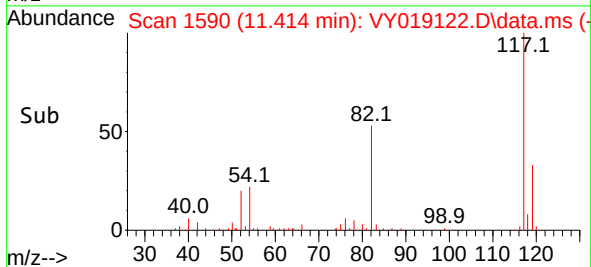
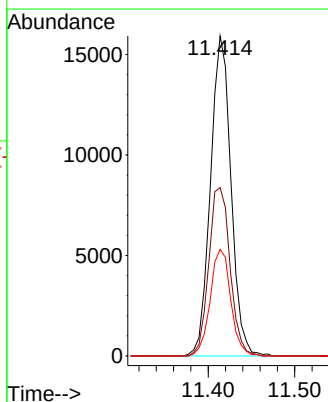
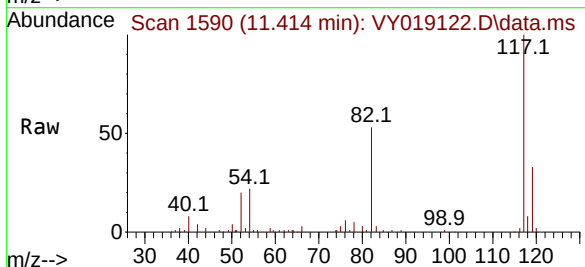
Instrument :
MSVOA_Y
ClientSampleId :

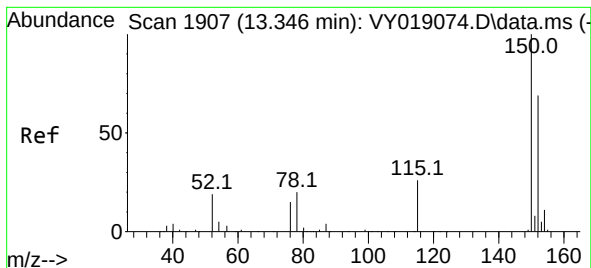
Tgt Ion:	95	Resp:	7273
Ion	Ratio	Lower	Upper
95	100		
174	83.1	0.0	175.6
176	82.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY019122.D
Acq: 19 Aug 2024 17:20

Tgt Ion:	117	Resp:	26199
Ion	Ratio	Lower	Upper
117	100		
82	52.6	42.4	63.6
119	33.3	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: VY019122.D

Acq: 19 Aug 2024 17:20

Instrument :

MSVOA_Y

ClientSampleId :

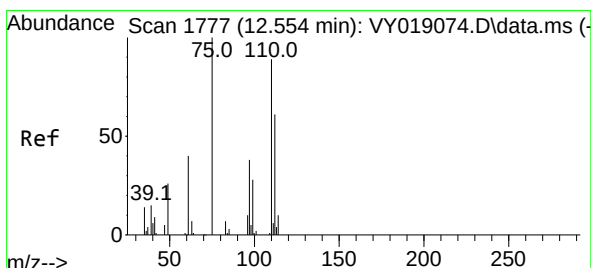
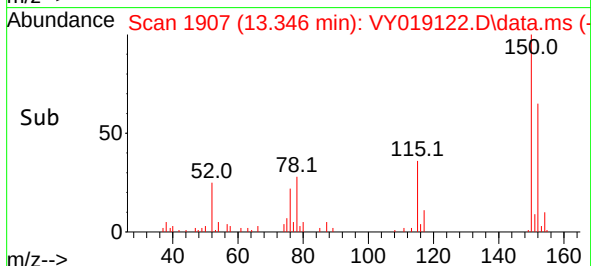
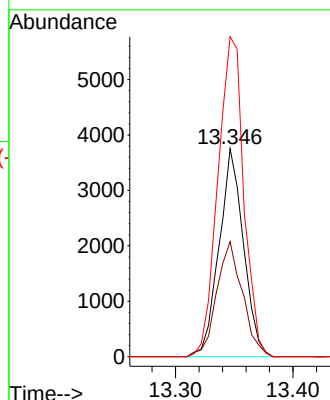
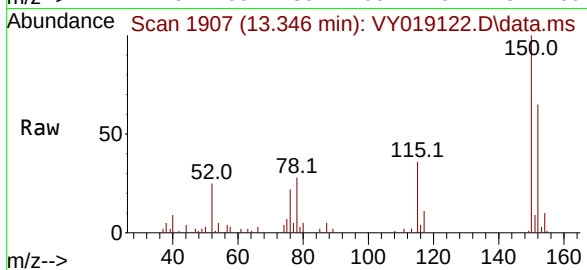
Tgt Ion:152 Resp: 5413

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 163.2 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 76.824 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019122.D

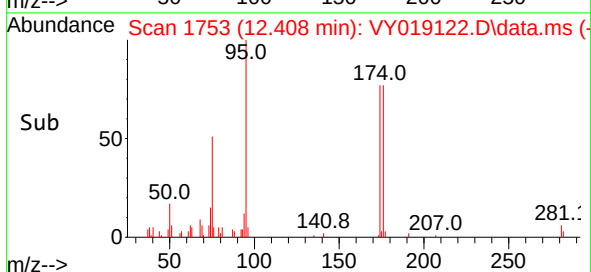
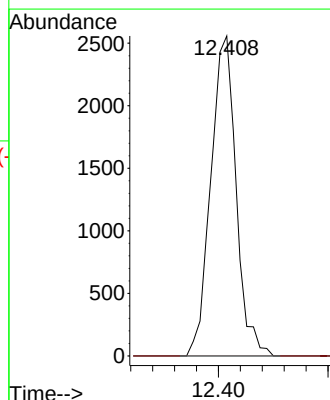
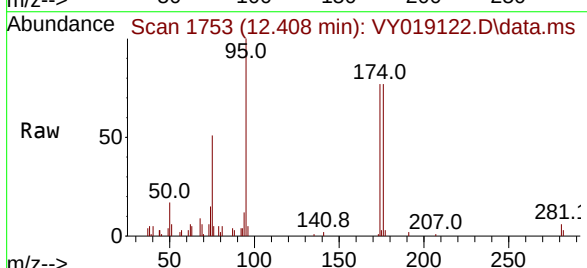
Acq: 19 Aug 2024 17:20

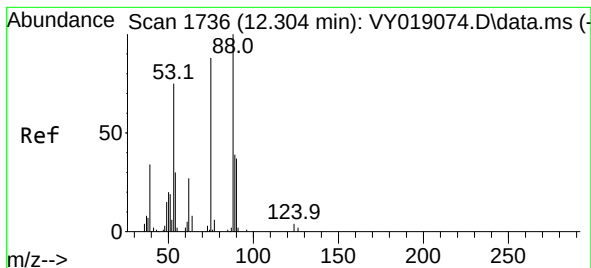
Tgt Ion: 75 Resp: 4101

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

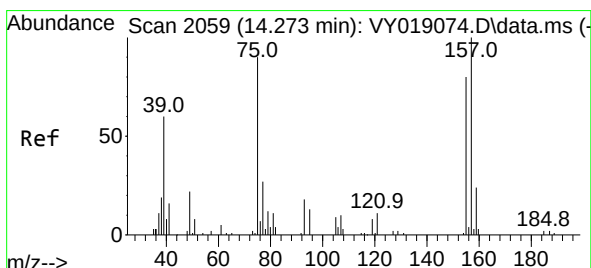
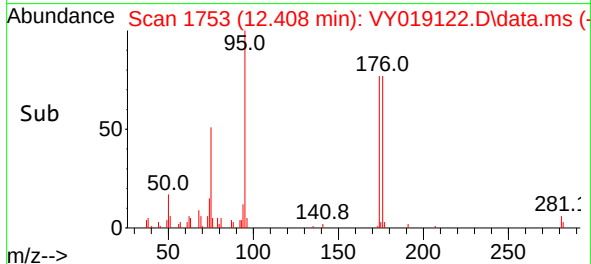
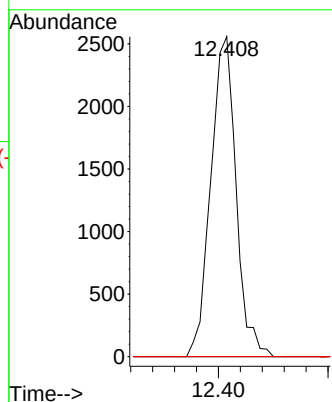
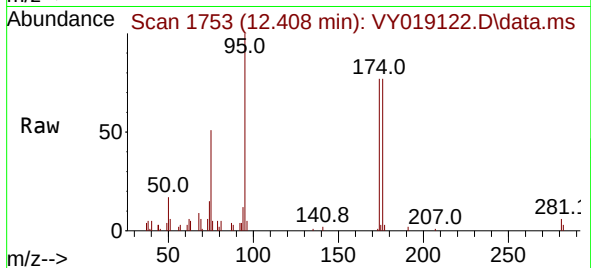




#81
 trans-1,4-Dichloro-2-butene
 Concen: 189.729 ug/l
 RT: 12.408 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY019122.D
 Acq: 19 Aug 2024 17:20

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 75 Resp: 4101
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 35.8 53.6#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.117 ug/l
 RT: 13.993 min Scan# 2013
 Delta R.T. -0.280 min
 Lab File: VY019122.D
 Acq: 19 Aug 2024 17:20

Tgt Ion: 75 Resp: 23
 Ion Ratio Lower Upper
 75 100
 155 0.0 48.6 145.8#
 157 0.0 62.7 188.2#

