

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082124\
 Data File : VY019172.D
 Acq On : 21 Aug 2024 16:17
 Operator : SY/MD
 Sample : P3641-08
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:15:24 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)

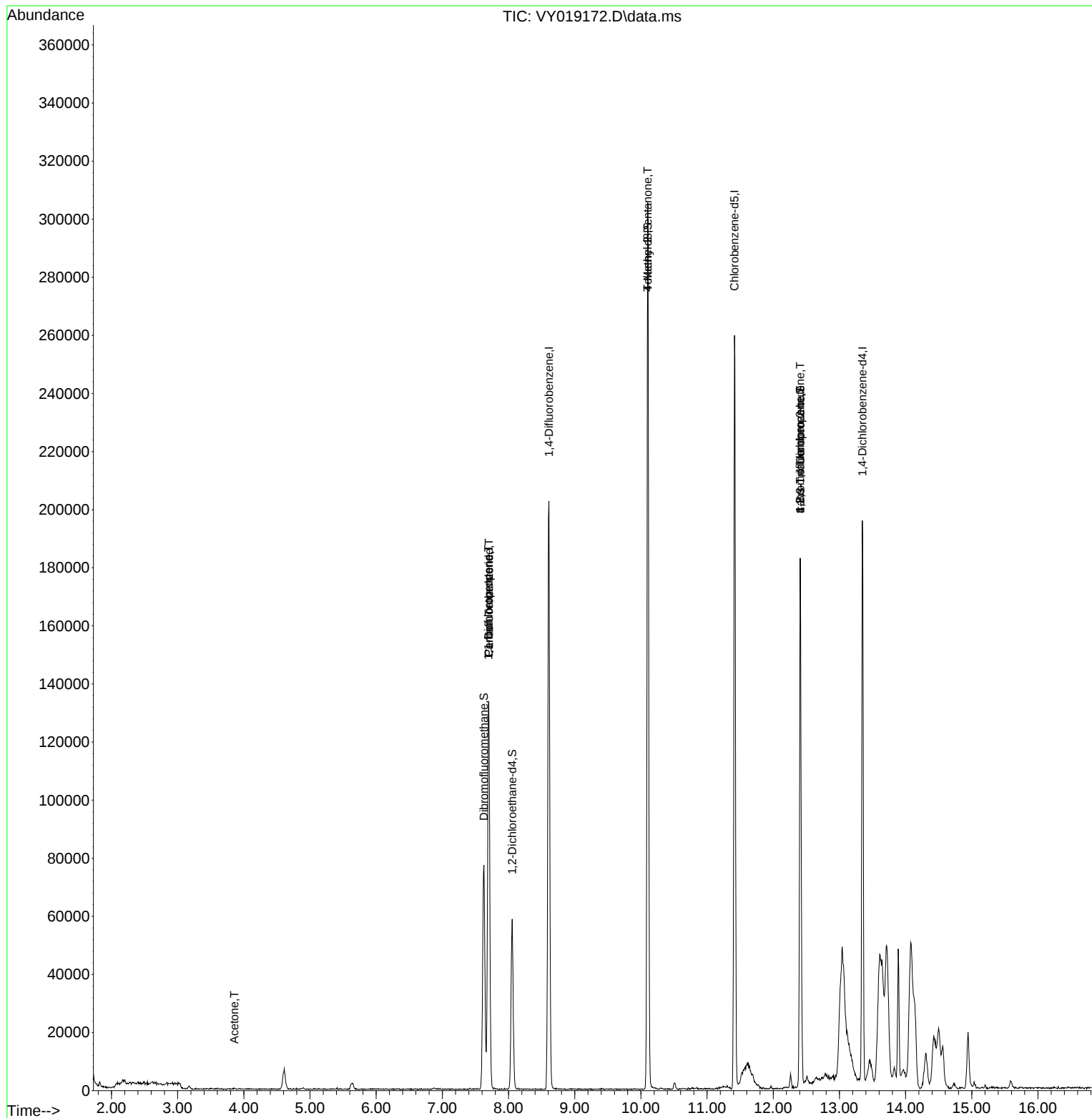
Internal Standards						
1) Pentafluorobenzene	7.701	168	105548	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	178151	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	144154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	48466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	46197	43.663	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.320%		
35) Dibromofluoromethane	7.628	113	54802	47.046	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.100%		
50) Toluene-d8	10.103	98	193480	46.155	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.320%		
62) 4-Bromofluorobenzene	12.408	95	48176	33.713	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	67.420%		
Target Compounds						
					Qvalue	
5) Bromomethane	2.592	94	158	Below Cal	#	13
6) Chloroethane	2.751	64	19	Below Cal	#	42
11) Tert butyl alcohol	4.830	59	40	Below Cal	#	88
16) Acetone	3.854	43	304	1.549	ug/l #	36
20) Methylene Chloride	4.604	84	4666	Below Cal	#	92
31) Cyclohexane	7.695	56	2206	Below Cal	#	20
36) 1,1-Dichloropropene	7.695	75	8214	5.135	ug/l #	50
38) Carbon Tetrachloride	7.701	117	10549	5.691	ug/l #	18
51) 4-Methyl-2-Pentanone	10.103	43	884	1.162	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	25877	54.140	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	25877	133.708	ug/l #	16

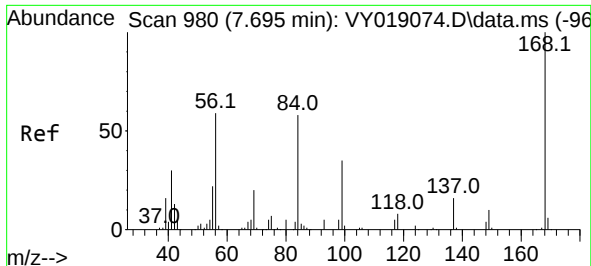
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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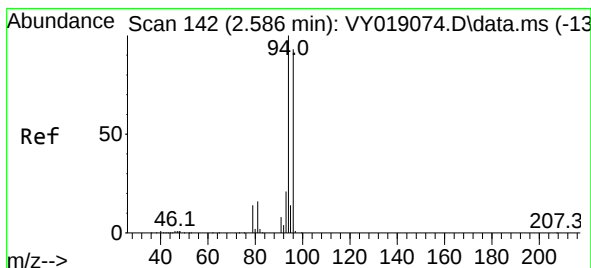
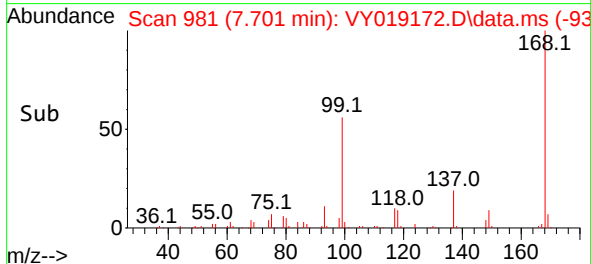
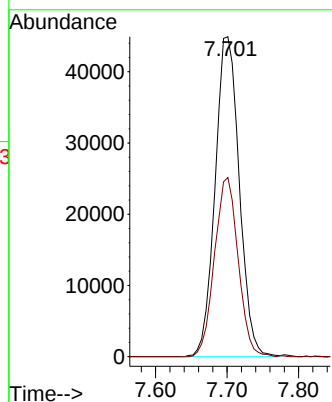
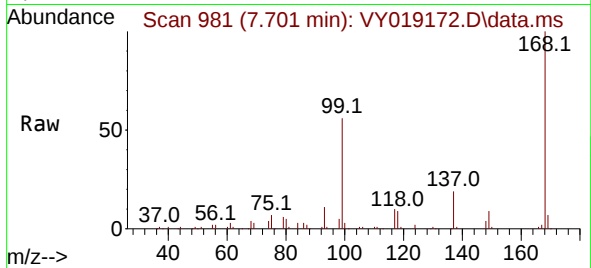




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019172.D
Acq: 21 Aug 2024 16:17

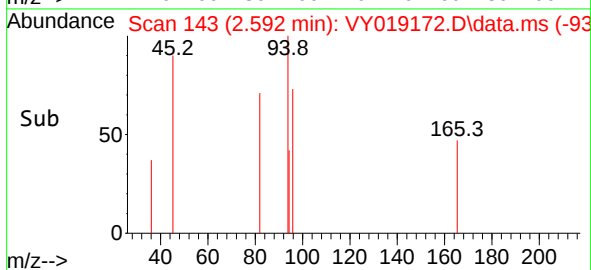
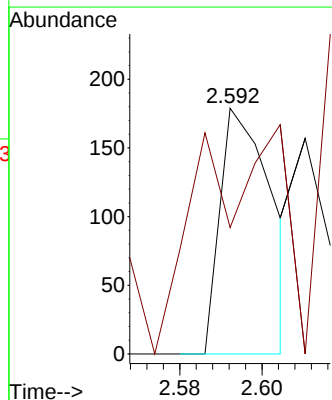
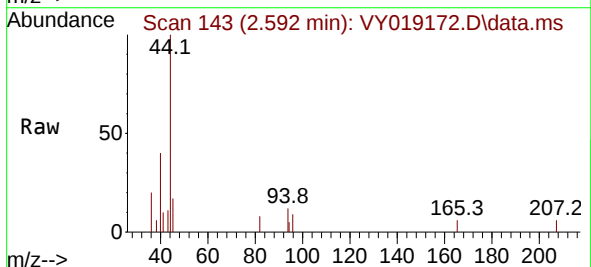
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 105548
Ion Ratio Lower Upper
168 100
99 56.0 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.592 min Scan# 143
Delta R.T. 0.006 min
Lab File: VY019172.D
Acq: 21 Aug 2024 16:17

Tgt Ion: 94 Resp: 158
Ion Ratio Lower Upper
94 100
96 8.9 74.1 111.1#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.830 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY019172.D

Acq: 21 Aug 2024 16:17

Instrument :

MSVOA_Y

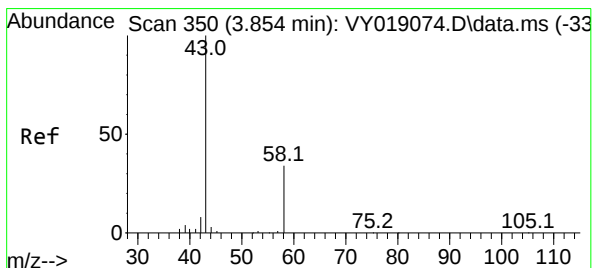
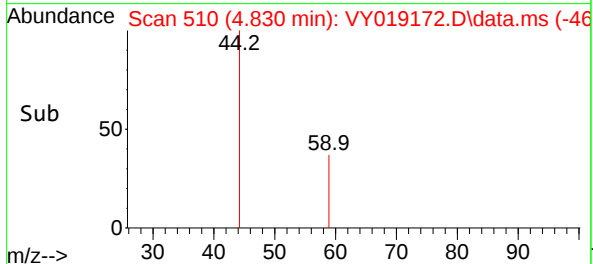
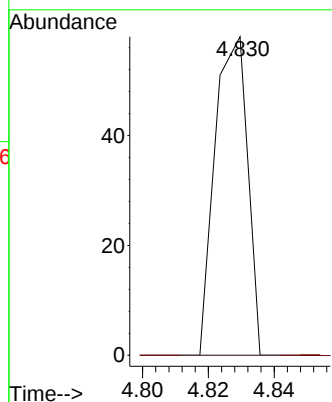
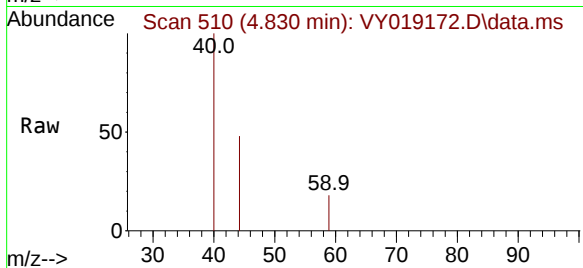
ClientSampleId :

Tgt Ion: 59 Resp: 40

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 1.549 ug/l

RT: 3.854 min Scan# 350

Delta R.T. 0.000 min

Lab File: VY019172.D

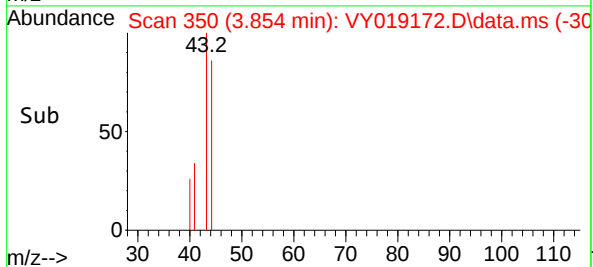
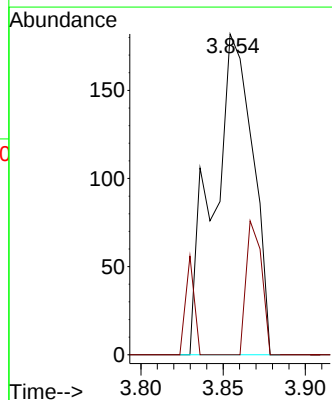
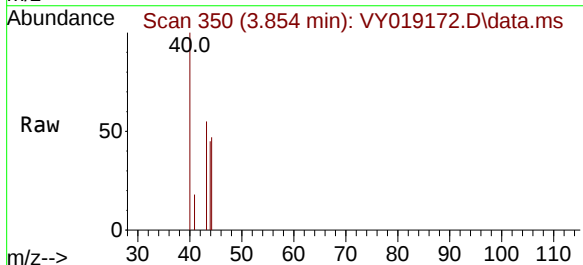
Acq: 21 Aug 2024 16:17

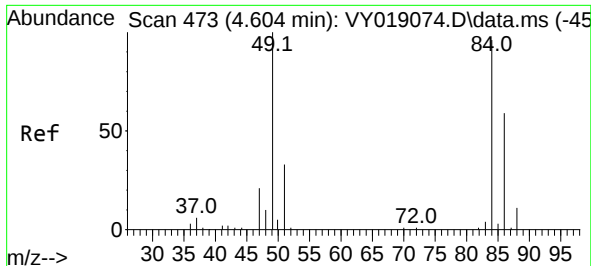
Tgt Ion: 43 Resp: 304

Ion Ratio Lower Upper

43 100

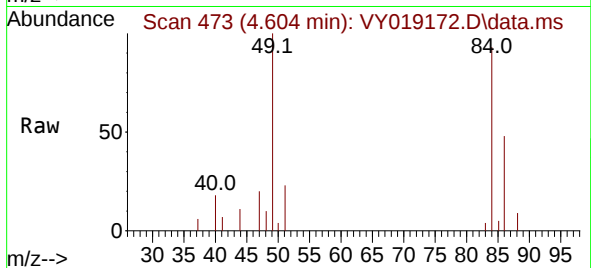
58 0.0 31.7 47.5#



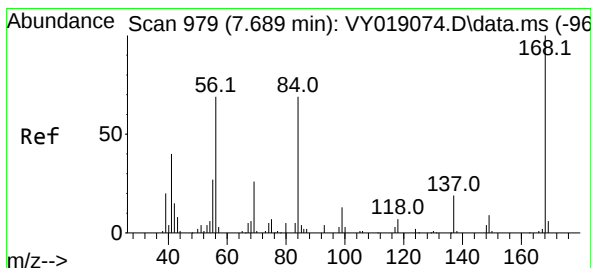
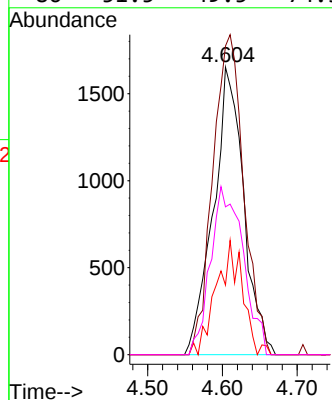


#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY019172.D
Acq: 21 Aug 2024 16:17

Instrument :
MSVOA_Y
ClientSampleId :

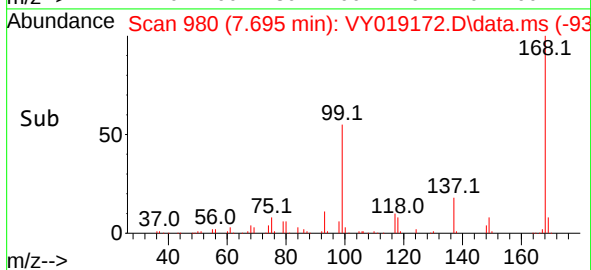
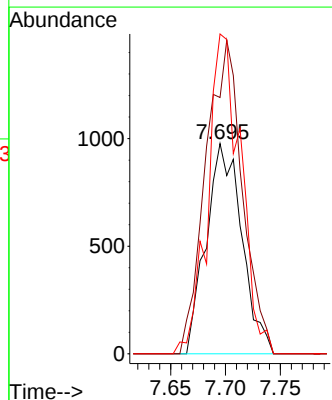
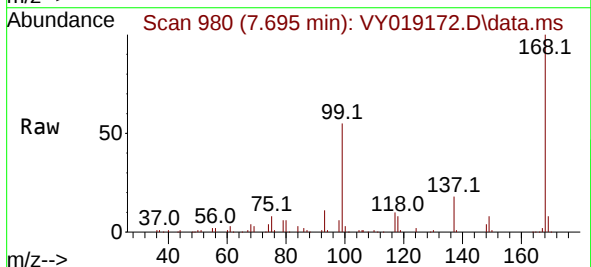


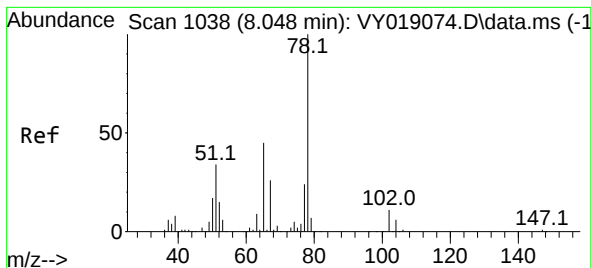
Tgt Ion:	84	Resp:	4666
Ion	Ratio	Lower	Upper
84	100		
49	107.4	84.4	126.6
51	24.2	26.0	39.0#
86	51.5	49.5	74.3



#31
Cyclohexane
Concen: Below Cal
RT: 7.695 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY019172.D
Acq: 21 Aug 2024 16:17

Tgt Ion:	56	Resp:	2206
Ion	Ratio	Lower	Upper
56	100		
69	121.9	28.7	43.1#
84	152.1	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 43.663 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019172.D

Acq: 21 Aug 2024 16:17

Instrument :

MSVOA_Y

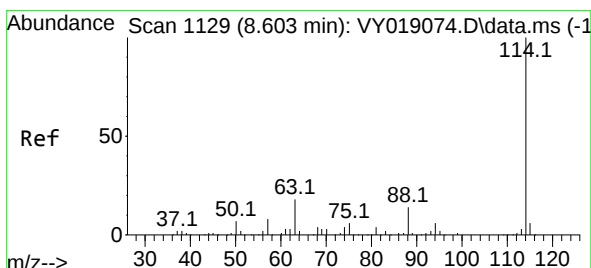
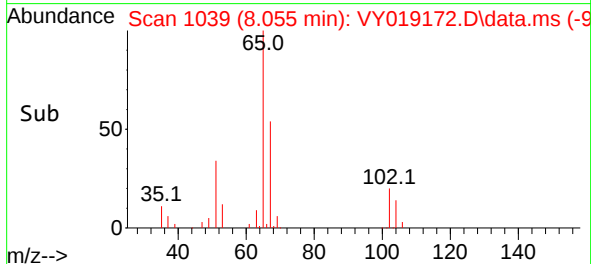
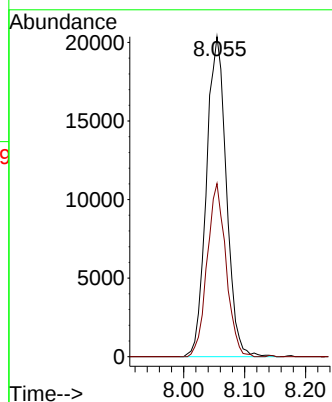
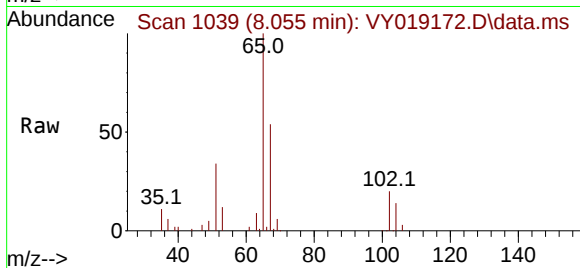
ClientSampleId :

Tgt Ion: 65 Resp: 46197

Ion Ratio Lower Upper

65 100

67 51.3 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: VY019172.D

Acq: 21 Aug 2024 16:17

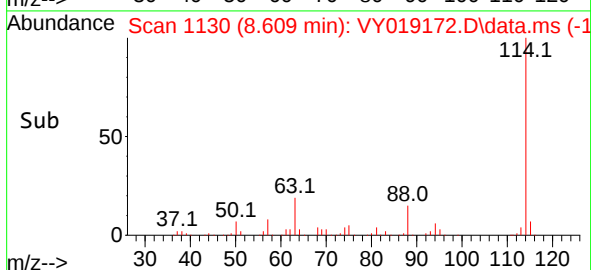
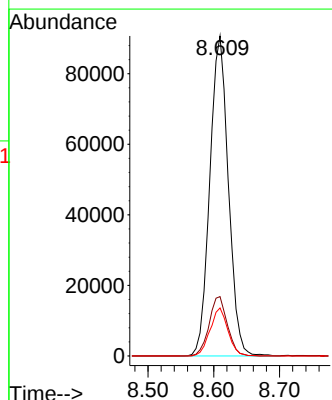
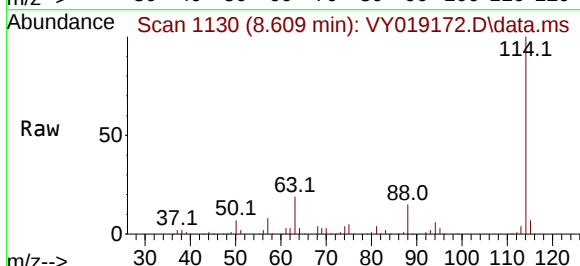
Tgt Ion: 114 Resp: 178151

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

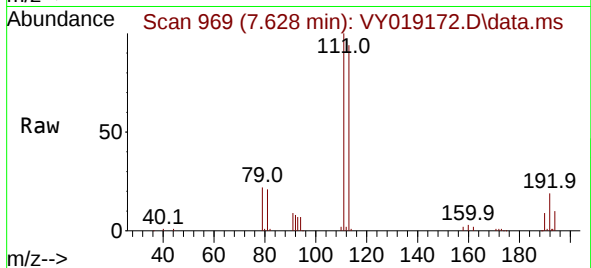
88 15.0 0.0 27.2



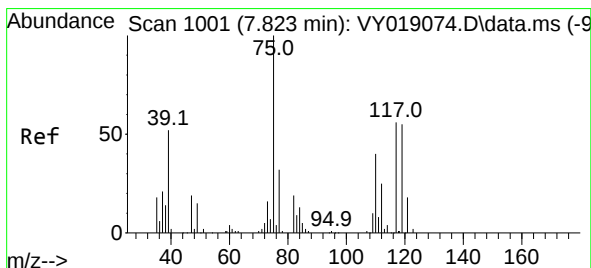
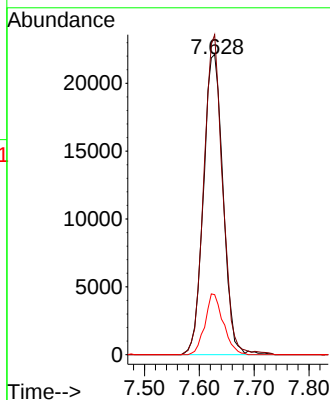
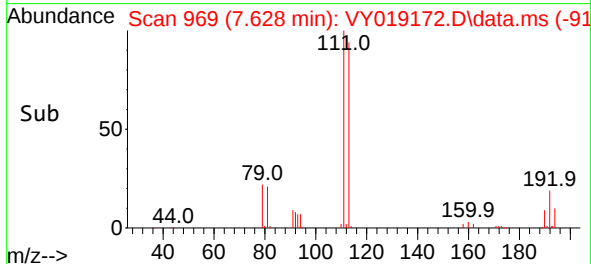


#35
Dibromofluoromethane
Concen: 47.046 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019172.D
Acq: 21 Aug 2024 16:17

Instrument :
MSVOA_Y
ClientSampleId :

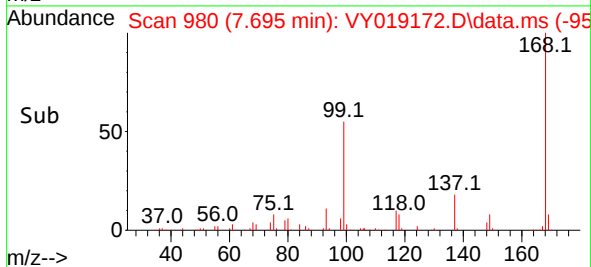
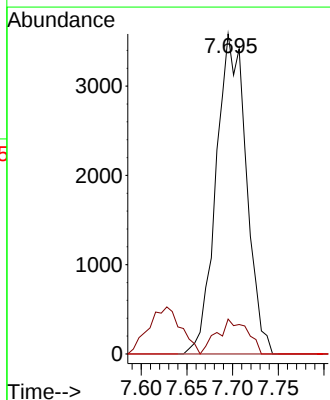
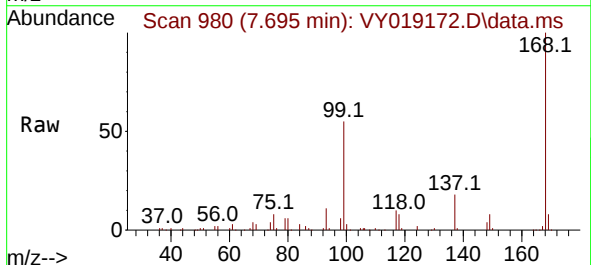


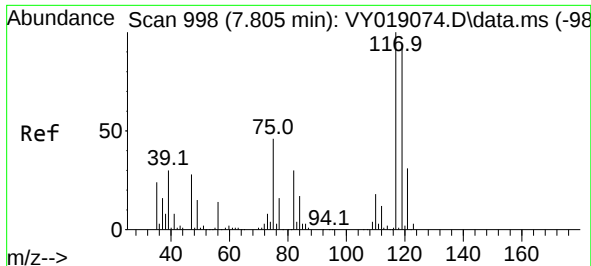
Tgt Ion:113 Resp: 54802
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.4
192 18.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.135 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY019172.D
Acq: 21 Aug 2024 16:17

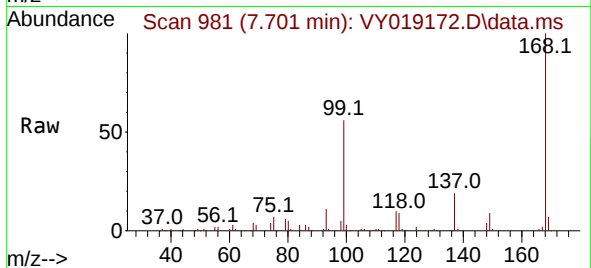
Tgt Ion: 75 Resp: 8214
Ion Ratio Lower Upper
75 100
110 10.9 19.0 57.0#
77 0.0 25.3 37.9#



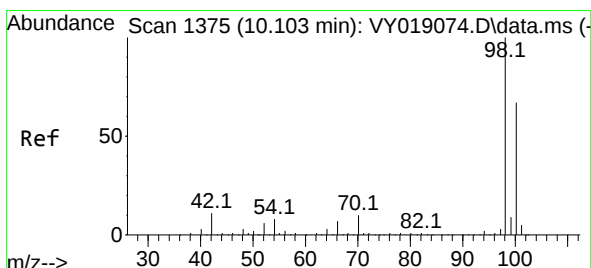
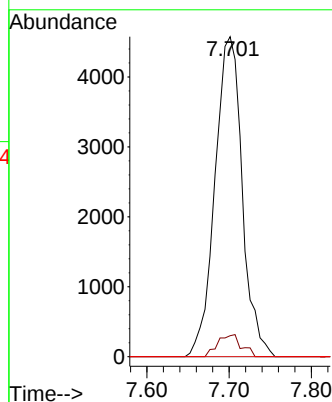
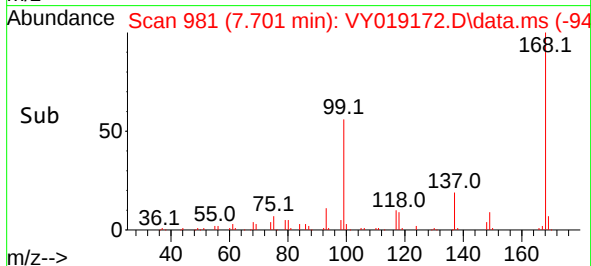


#38
Carbon Tetrachloride
Concen: 5.691 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019172.D
Acq: 21 Aug 2024 16:17

Instrument :
MSVOA_Y
ClientSampleId :

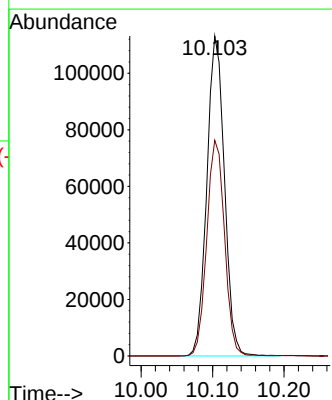
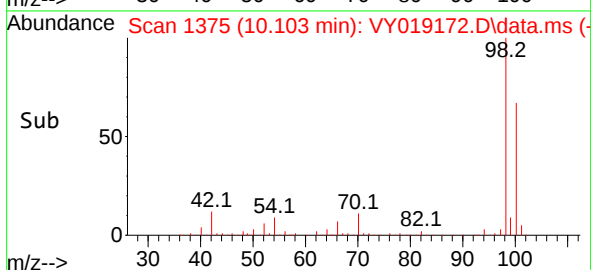
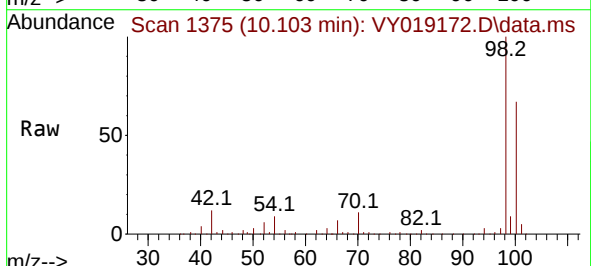


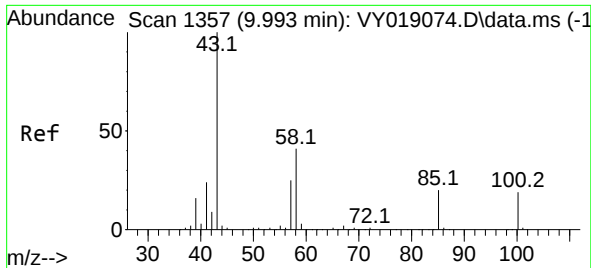
Tgt Ion:117 Resp: 10549
Ion Ratio Lower Upper
117 100
119 6.6 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 46.155 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019172.D
Acq: 21 Aug 2024 16:17

Tgt Ion: 98 Resp: 193480
Ion Ratio Lower Upper
98 100
100 68.1 52.0 78.0

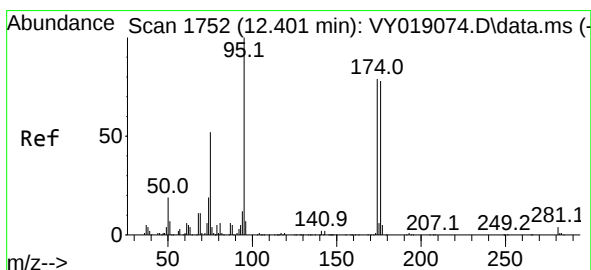
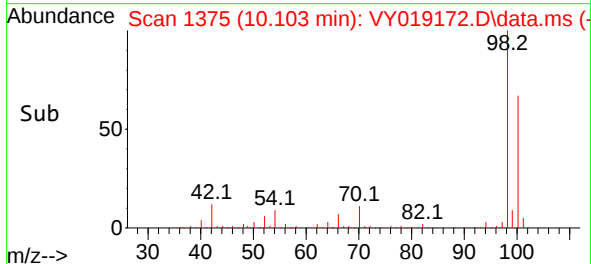
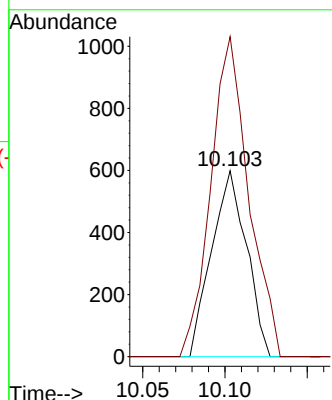
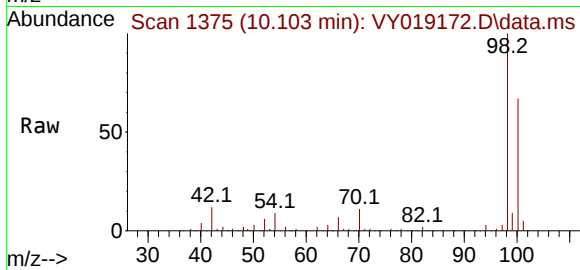




#51
4-Methyl-2-Pentanone
Concen: 1.162 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.110 min
Lab File: VY019172.D
Acq: 21 Aug 2024 16:17

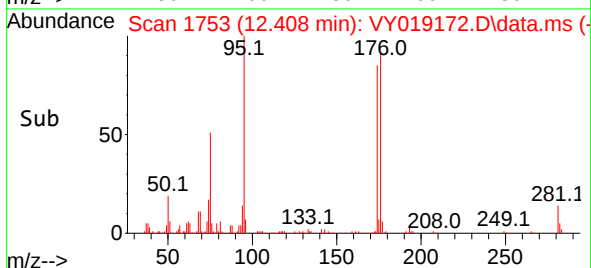
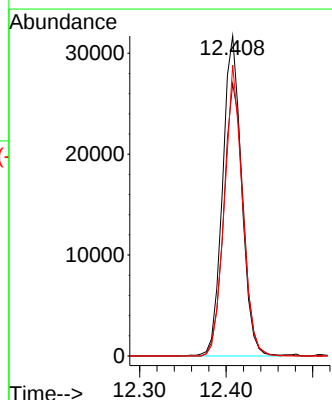
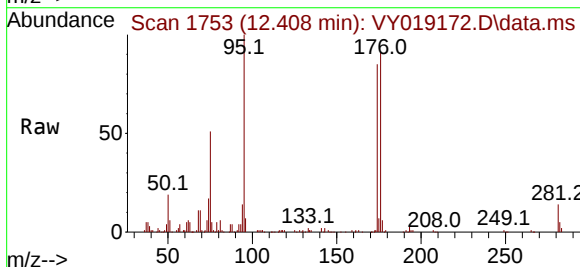
Instrument :
MSVOA_Y
ClientSampleId :

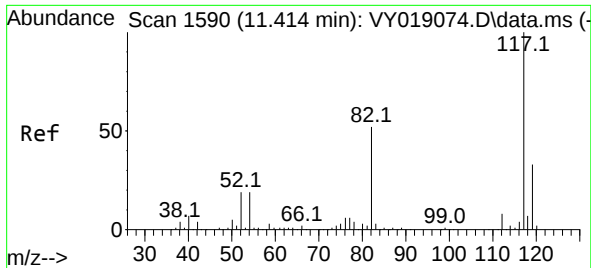
Tgt Ion: 43 Resp: 884
Ion Ratio Lower Upper
43 100
58 186.4 35.7 53.5#



#62
4-Bromofluorobenzene
Concen: 33.713 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019172.D
Acq: 21 Aug 2024 16:17

Tgt Ion: 95 Resp: 48176
Ion Ratio Lower Upper
95 100
174 87.4 0.0 175.6
176 86.4 0.0 171.4

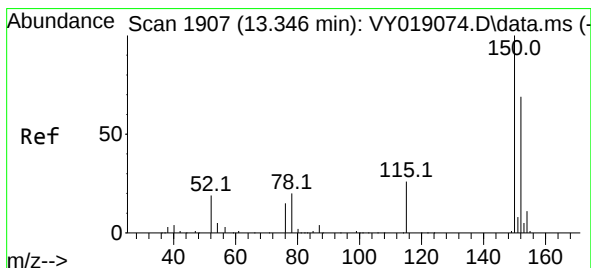
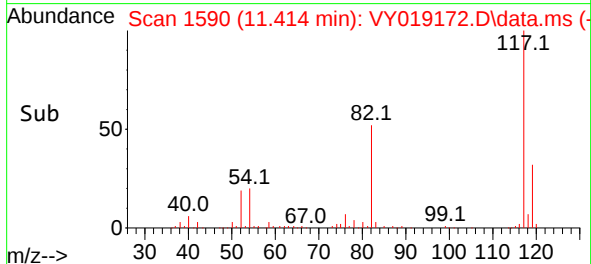
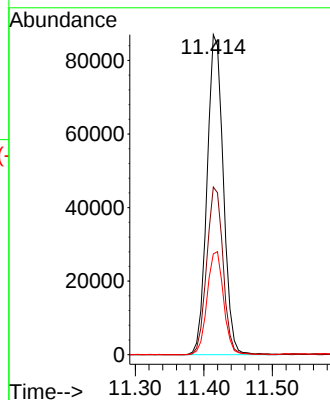
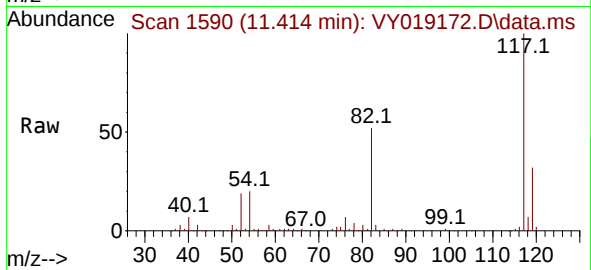




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019172.D
Acq: 21 Aug 2024 16:17

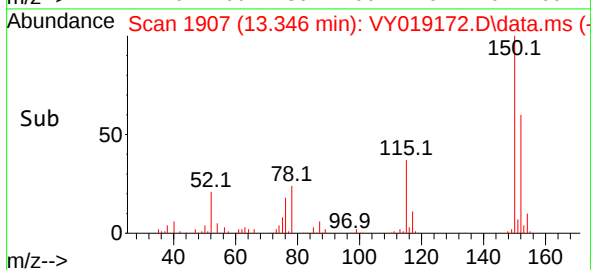
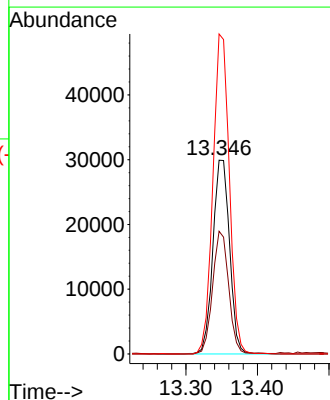
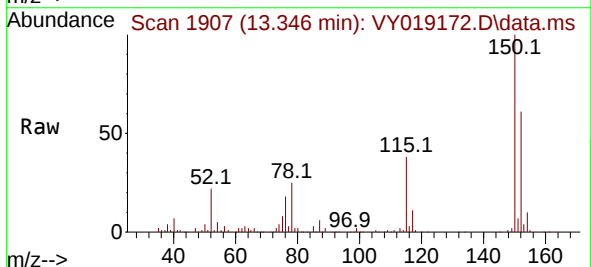
Instrument :
MSVOA_Y
ClientSampleId :

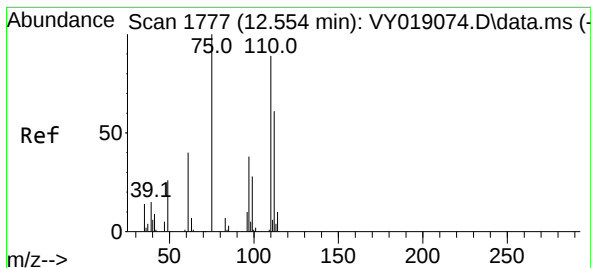
Tgt Ion:117 Resp: 144154
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019172.D
Acq: 21 Aug 2024 16:17

Tgt Ion:152 Resp: 48466
Ion Ratio Lower Upper
152 100
115 61.0 28.2 84.7
150 162.2 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 54.140 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019172.D

Acq: 21 Aug 2024 16:17

Instrument :

MSVOA_Y

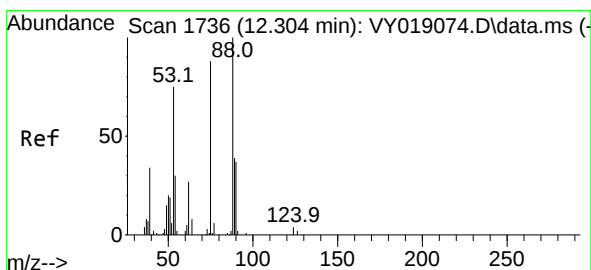
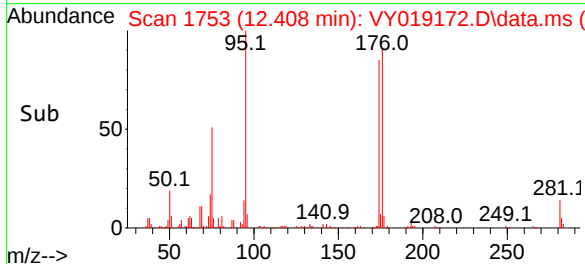
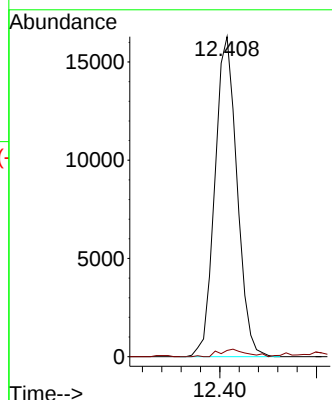
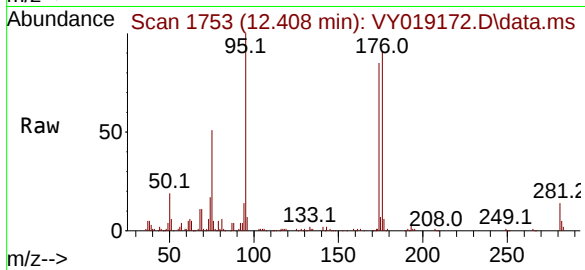
ClientSampleId :

Tgt Ion: 75 Resp: 25877

Ion Ratio Lower Upper

75 100

77 2.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 133.708 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019172.D

Acq: 21 Aug 2024 16:17

Tgt Ion: 75 Resp: 25877

Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.3 35.8 53.6#

