

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081924\
 Data File : VY019131.D
 Acq On : 19 Aug 2024 21:05
 Operator : SY/MD
 Sample : P3641-07
 Misc : 6.60g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 20 01:51:33 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)

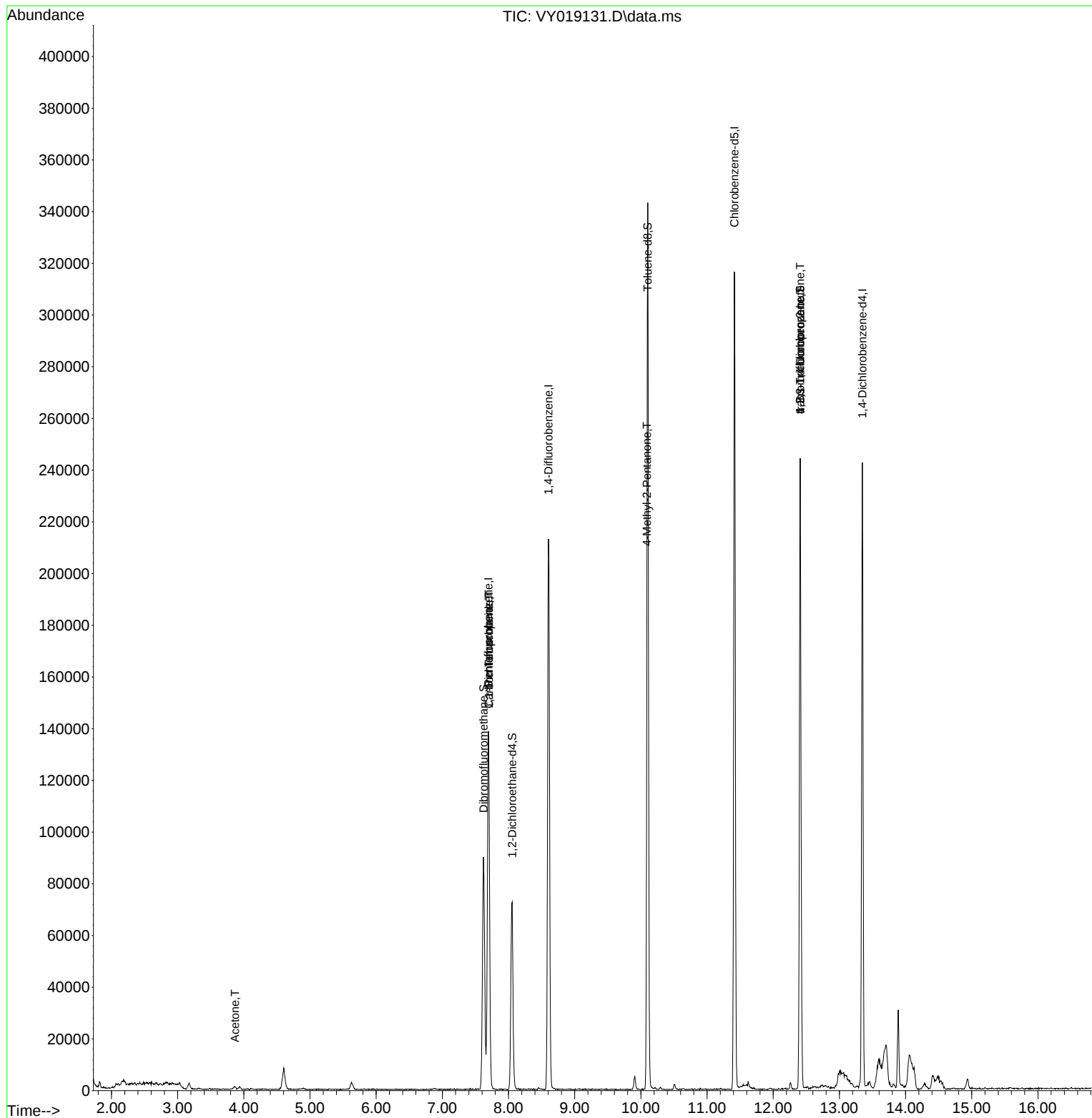
Internal Standards						
1) Pentafluorobenzene	7.695	168	107602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	189502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	169718	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	59138	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	57896	53.676	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.360%	
35) Dibromofluoromethane	7.622	113	62429	50.383	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.760%	
50) Toluene-d8	10.103	98	215482	48.325	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 96.660%	
62) 4-Bromofluorobenzene	12.408	95	65199	42.892	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 85.780%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.580	94	51	Below Cal	#	3
6) Chloroethane	2.745	64	56	Below Cal	#	42
11) Tert butyl alcohol	4.836	59	22	Below Cal	#	88
16) Acetone	3.867	43	1842	9.208	ug/l #	71
20) Methylene Chloride	4.598	84	5594	Below Cal		92
31) Cyclohexane	7.689	56	2325	Below Cal	#	41
36) 1,1-Dichloropropene	7.701	75	7822	4.597	ug/l #	47
38) Carbon Tetrachloride	7.701	117	11148	5.654	ug/l #	15
51) 4-Methyl-2-Pentanone	10.091	43	945	1.168	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	34556	59.252	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	34556	146.332	ug/l #	16

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

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Quant Title : SW846 8260
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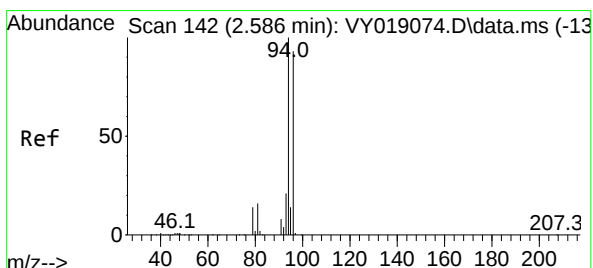
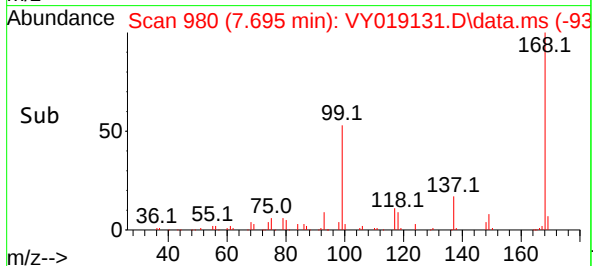
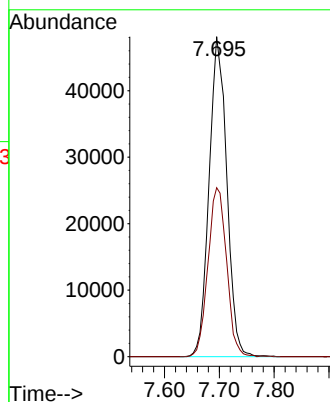
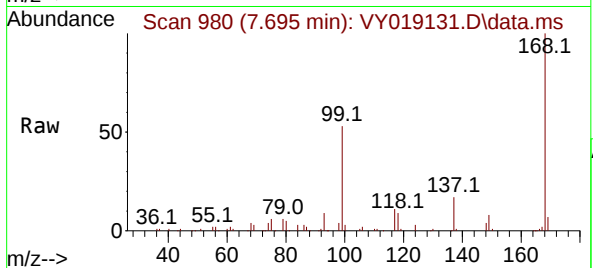




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019131.D
Acq: 19 Aug 2024 21:05

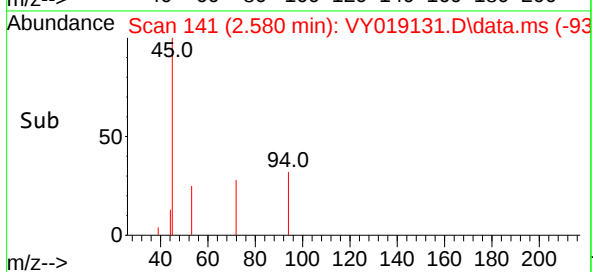
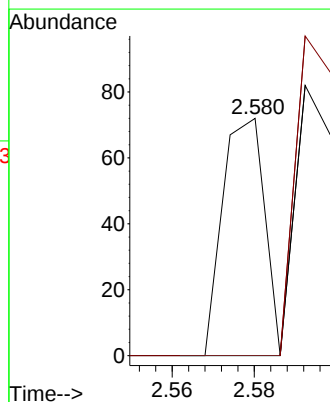
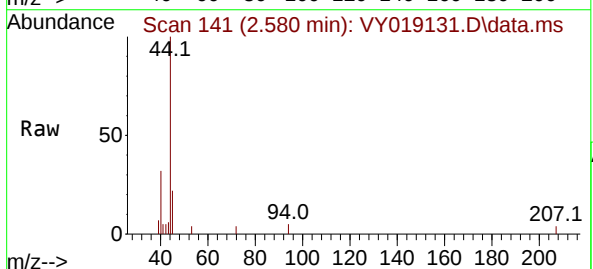
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:168 Resp: 107602
Ion Ratio Lower Upper
168 100
99 52.8 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.580 min Scan# 141
Delta R.T. -0.006 min
Lab File: VY019131.D
Acq: 19 Aug 2024 21:05

Tgt Ion: 94 Resp: 51
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# 51

Delta R.T. -0.006 min

Lab File: VY019131.D

Acq: 19 Aug 2024 21:05

Instrument :

MSVOA_Y

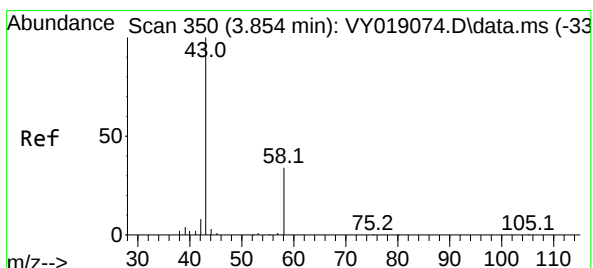
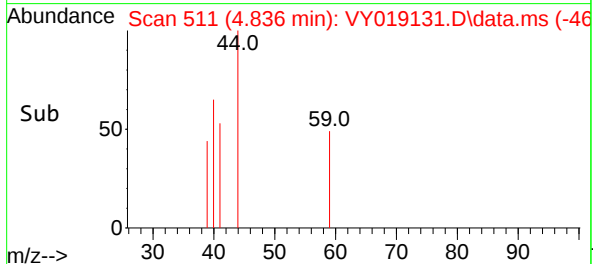
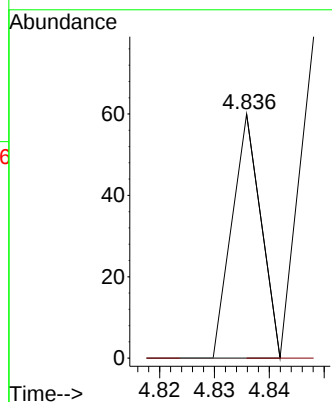
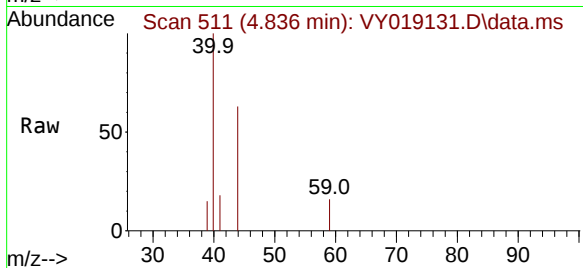
ClientSampleId :

Tgt Ion: 59 Resp: 22

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.6#



#16

Acetone

Concen: 9.208 ug/l

RT: 3.867 min Scan# 352

Delta R.T. 0.013 min

Lab File: VY019131.D

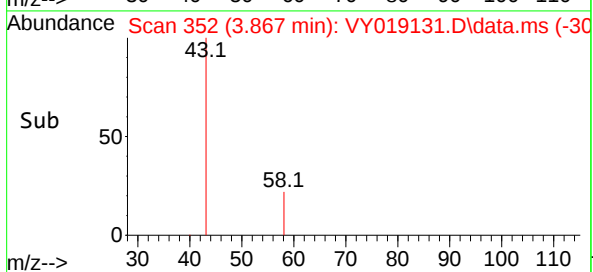
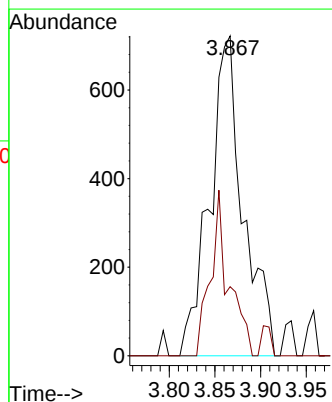
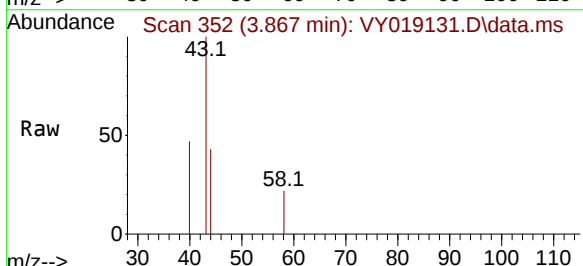
Acq: 19 Aug 2024 21:05

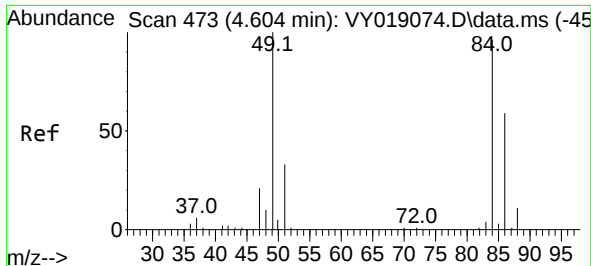
Tgt Ion: 43 Resp: 1842

Ion Ratio Lower Upper

43 100

58 21.6 31.7 47.5#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.598 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY019131.D

Acq: 19 Aug 2024 21:05

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 84 Resp: 5594

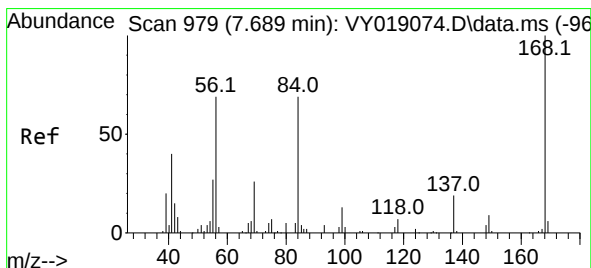
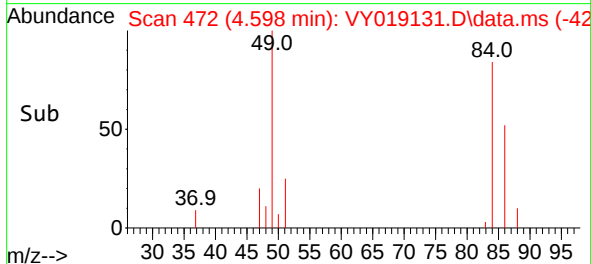
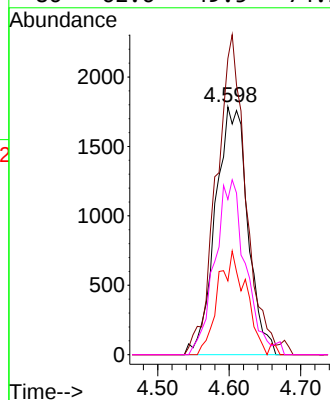
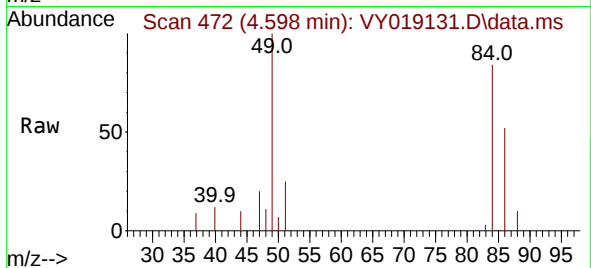
Ion Ratio Lower Upper

84 100

49 119.5 84.4 126.6

51 29.8 26.0 39.0

86 62.6 49.5 74.3



#31

Cyclohexane

Concen: Below Cal

RT: 7.689 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY019131.D

Acq: 19 Aug 2024 21:05

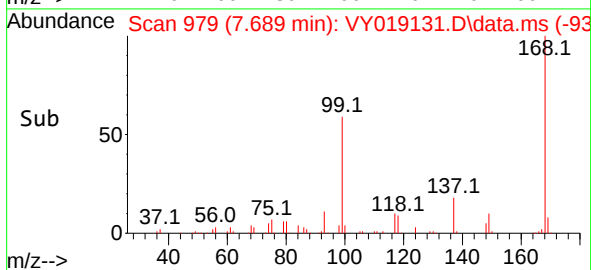
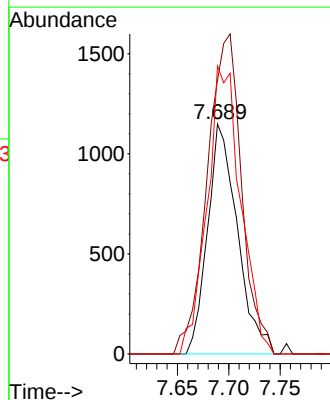
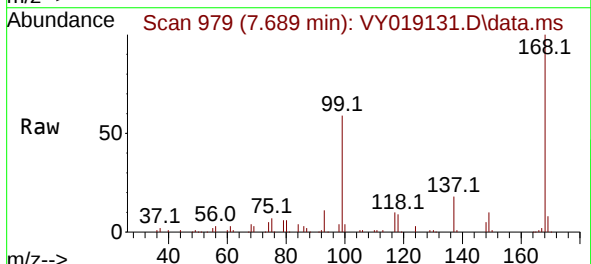
Tgt Ion: 56 Resp: 2325

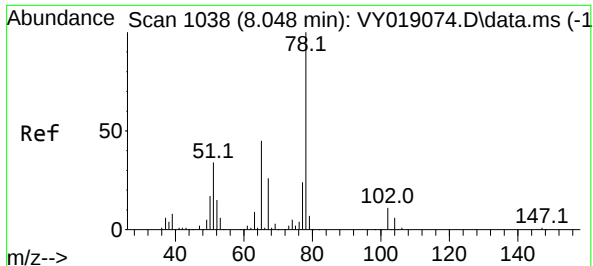
Ion Ratio Lower Upper

56 100

69 118.9 28.7 43.1#

84 125.1 77.7 116.5#





#33

1,2-Dichloroethane-d4

Concen: 53.676 ug/l

RT: 8.055 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY019131.D

Acq: 19 Aug 2024 21:05

Instrument :

MSVOA_Y

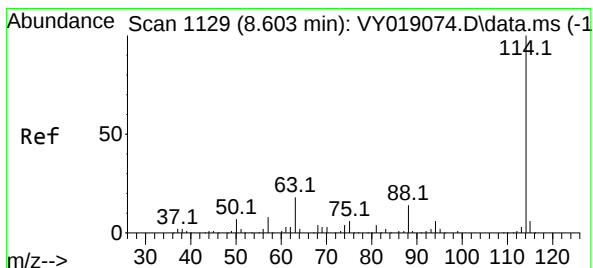
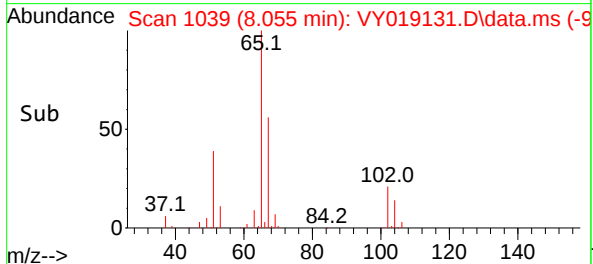
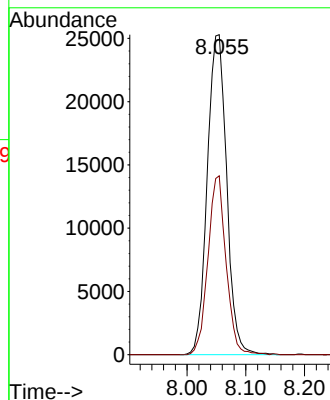
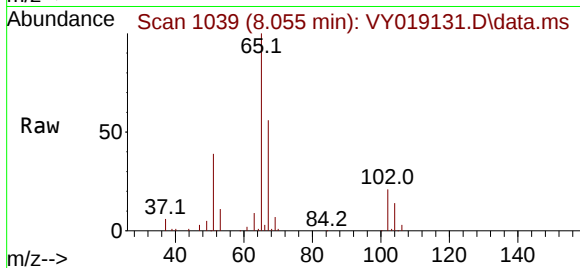
ClientSampleId :

Tgt Ion: 65 Resp: 57896

Ion Ratio Lower Upper

65 100

67 52.3 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: VY019131.D

Acq: 19 Aug 2024 21:05

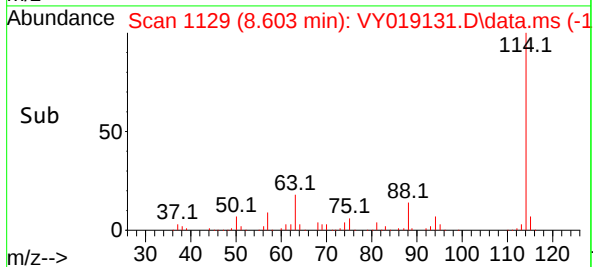
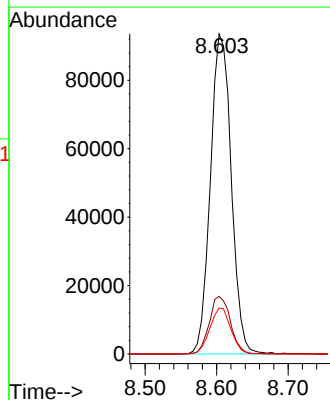
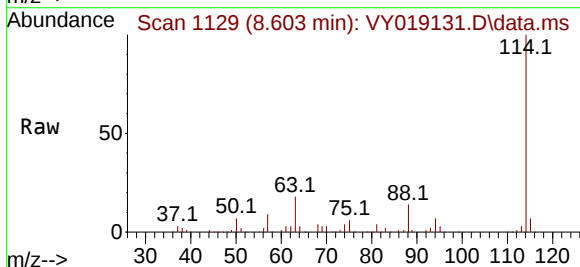
Tgt Ion: 114 Resp: 189502

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

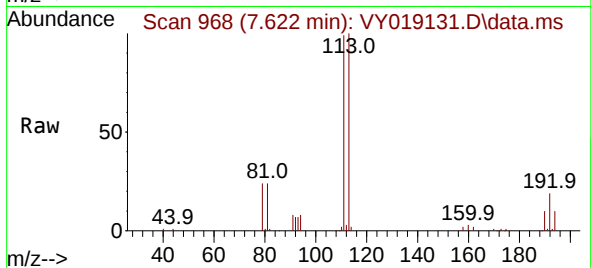
88 14.4 0.0 27.2



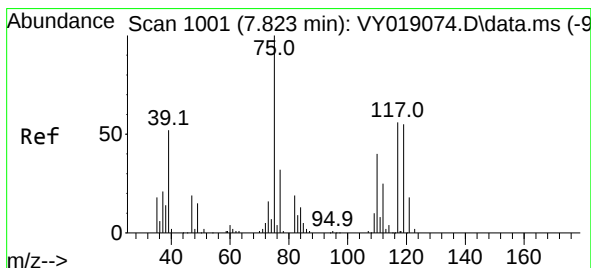
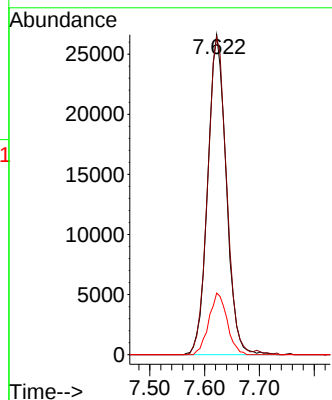
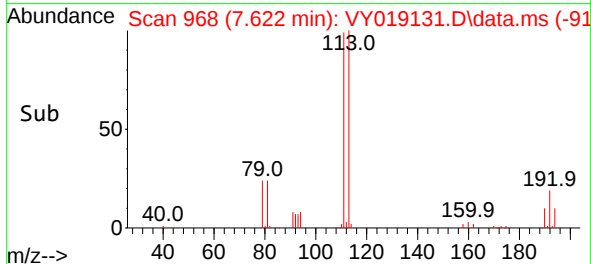


#35
Dibromofluoromethane
Concen: 50.383 ug/l
RT: 7.622 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY019131.D
Acq: 19 Aug 2024 21:05

Instrument :
MSVOA_Y
ClientSampleId :

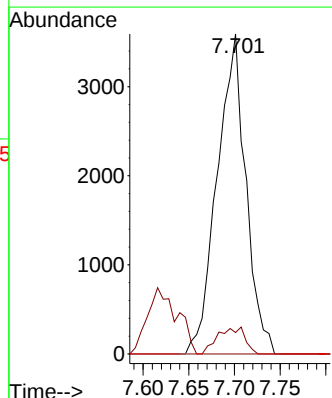
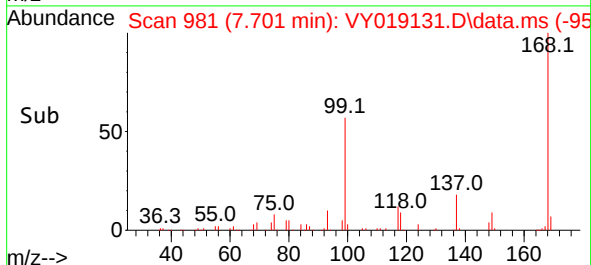
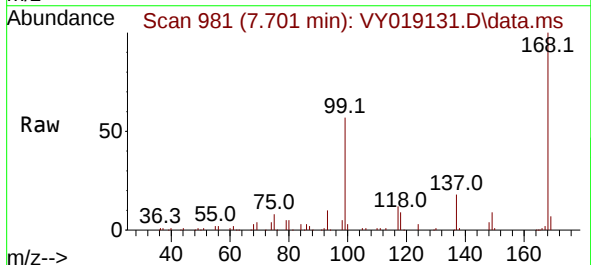


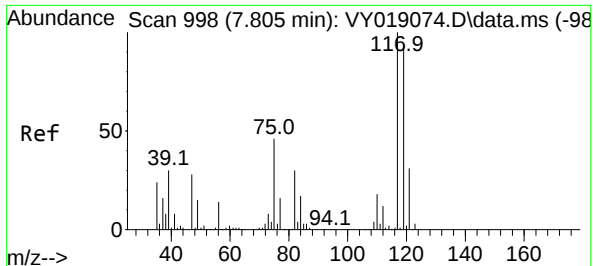
Tgt Ion:113 Resp: 62429
Ion Ratio Lower Upper
113 100
111 100.8 82.2 123.4
192 18.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.597 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY019131.D
Acq: 19 Aug 2024 21:05

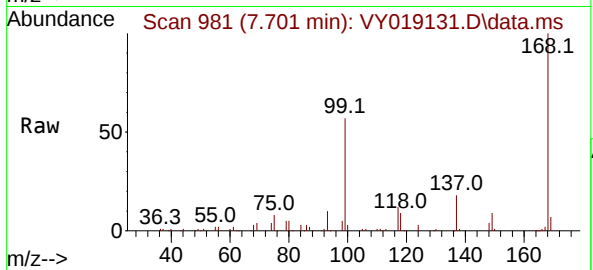
Tgt Ion: 75 Resp: 7822
Ion Ratio Lower Upper
75 100
110 7.9 19.0 57.0#
77 0.0 25.3 37.9#



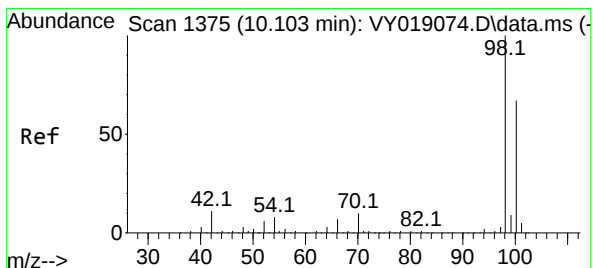
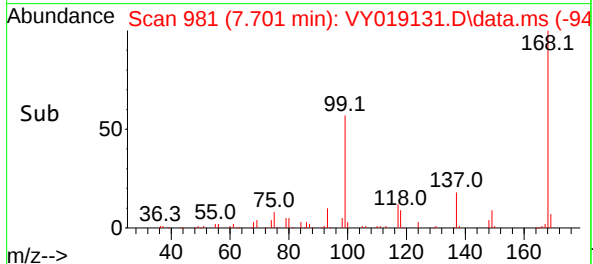
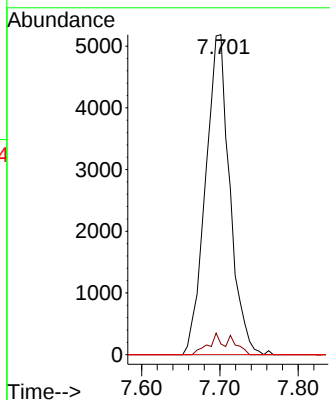


#38
Carbon Tetrachloride
Concen: 5.654 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019131.D
Acq: 19 Aug 2024 21:05

Instrument :
MSVOA_Y
ClientSampleId :

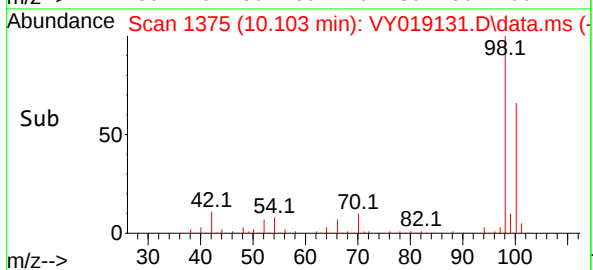
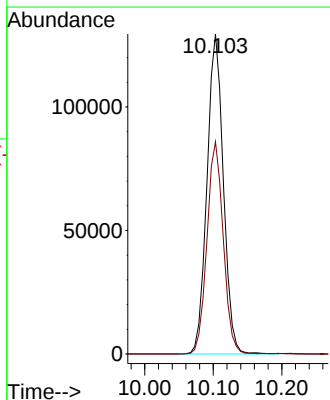
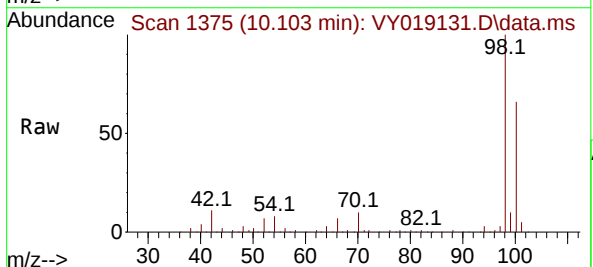


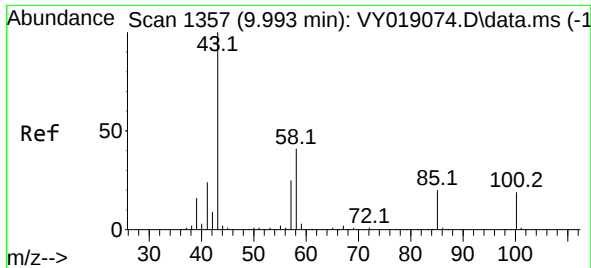
Tgt Ion:117 Resp: 11148
Ion Ratio Lower Upper
117 100
119 3.4 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.325 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. 0.000 min
Lab File: VY019131.D
Acq: 19 Aug 2024 21:05

Tgt Ion: 98 Resp: 215482
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.168 ug/l

RT: 10.091 min Scan# 11

Delta R.T. 0.098 min

Lab File: VY019131.D

Acq: 19 Aug 2024 21:05

Instrument :

MSVOA_Y

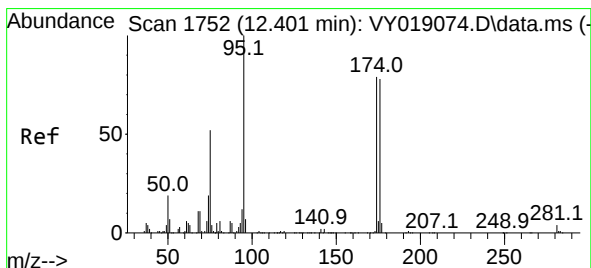
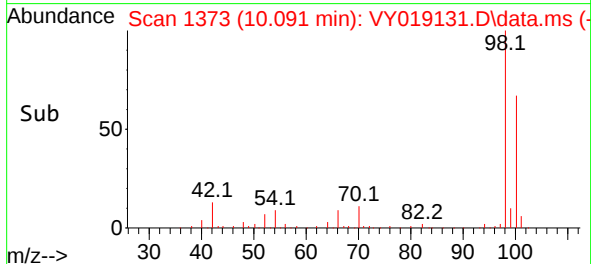
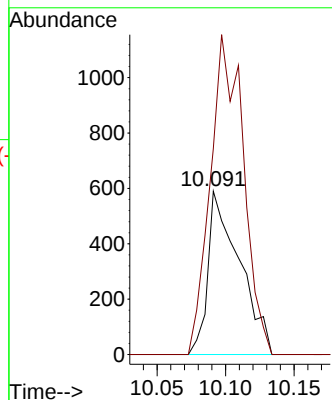
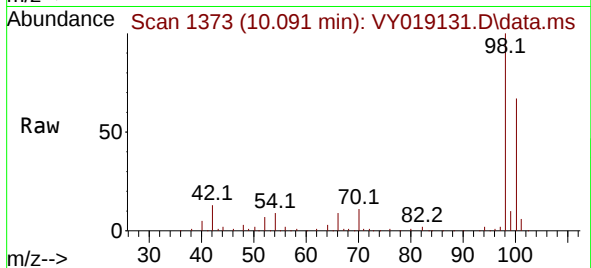
ClientSampleId :

Tgt Ion: 43 Resp: 945

Ion Ratio Lower Upper

43 100

58 205.3 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 42.892 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019131.D

Acq: 19 Aug 2024 21:05

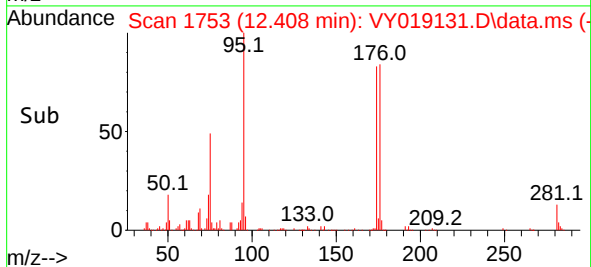
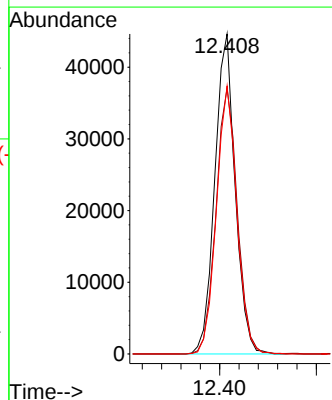
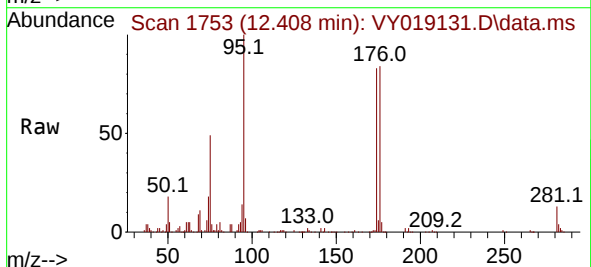
Tgt Ion: 95 Resp: 65199

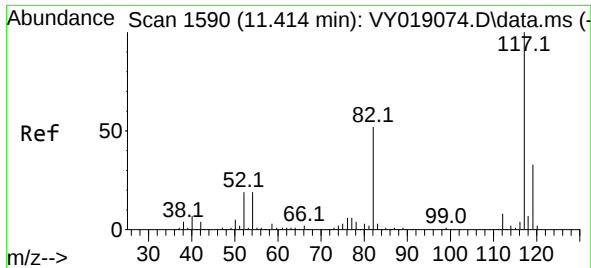
Ion Ratio Lower Upper

95 100

174 87.3 0.0 175.6

176 84.1 0.0 171.4

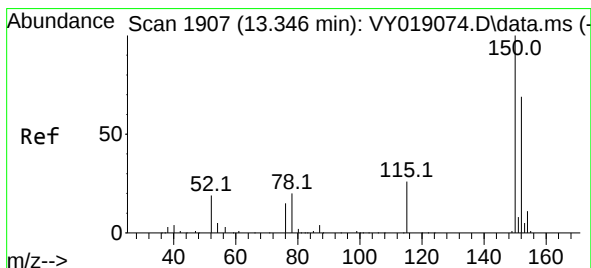
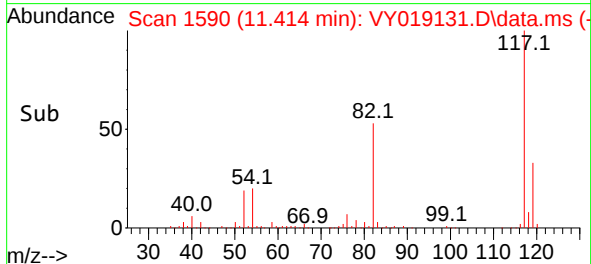
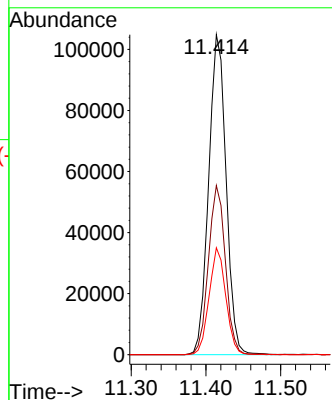
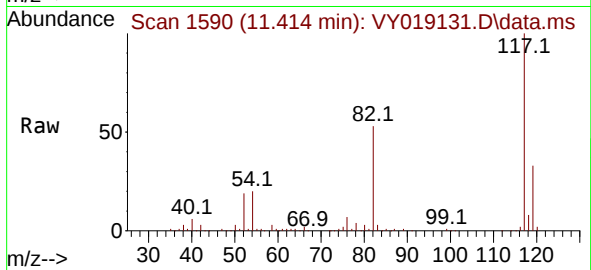




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY019131.D
Acq: 19 Aug 2024 21:05

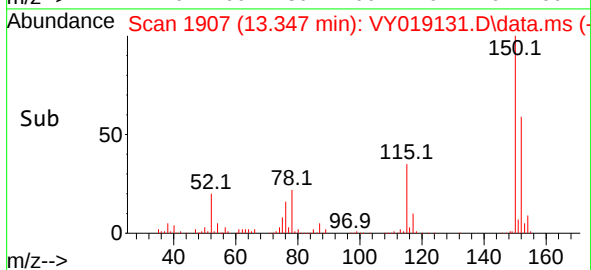
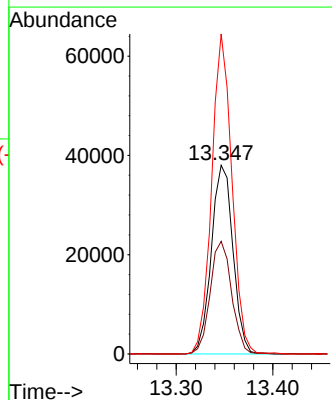
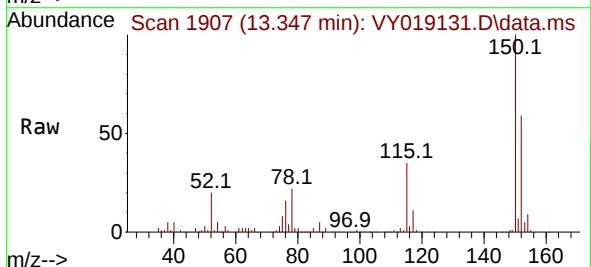
Instrument :
MSVOA_Y
ClientSampleId :

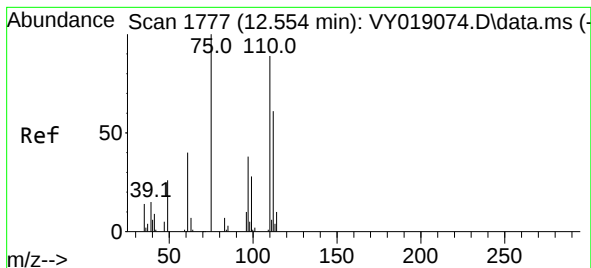
Tgt Ion:117 Resp: 169718
Ion Ratio Lower Upper
117 100
82 52.8 42.4 63.6
119 33.4 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019131.D
Acq: 19 Aug 2024 21:05

Tgt Ion:152 Resp: 59138
Ion Ratio Lower Upper
152 100
115 59.2 28.2 84.7
150 158.4 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 59.252 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019131.D

Acq: 19 Aug 2024 21:05

Instrument :

MSVOA_Y

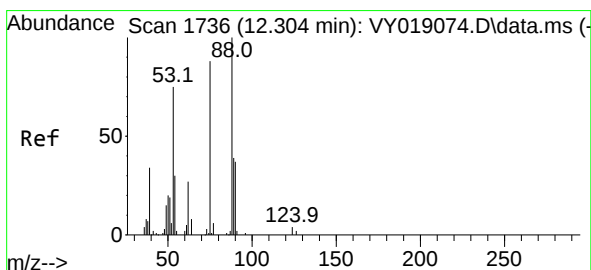
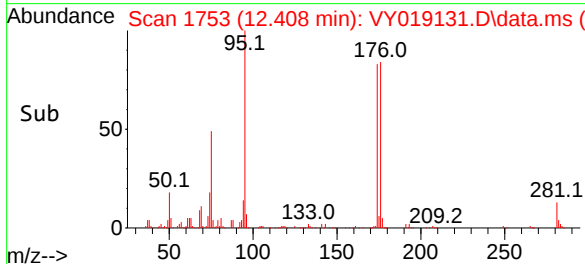
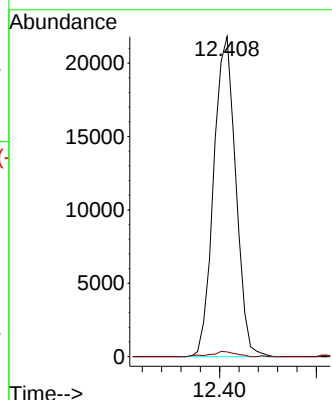
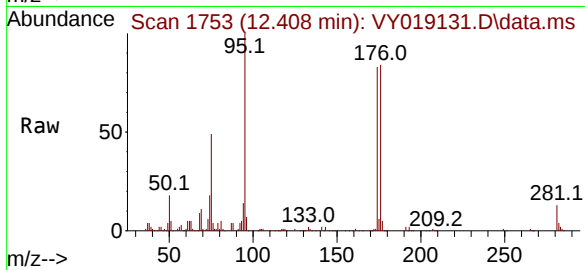
ClientSampleId :

Tgt Ion: 75 Resp: 34556

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 146.332 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019131.D

Acq: 19 Aug 2024 21:05

Tgt Ion: 75 Resp: 34556

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.1 35.8 53.6#

