

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083024\
 Data File : VY019414.D
 Acq On : 30 Aug 2024 22:27
 Operator : SY/MD
 Sample : P3737-03
 Misc : 5.18g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 30 23:23:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082924S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 02:45:30 2024
 Response via : Initial Calibration

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

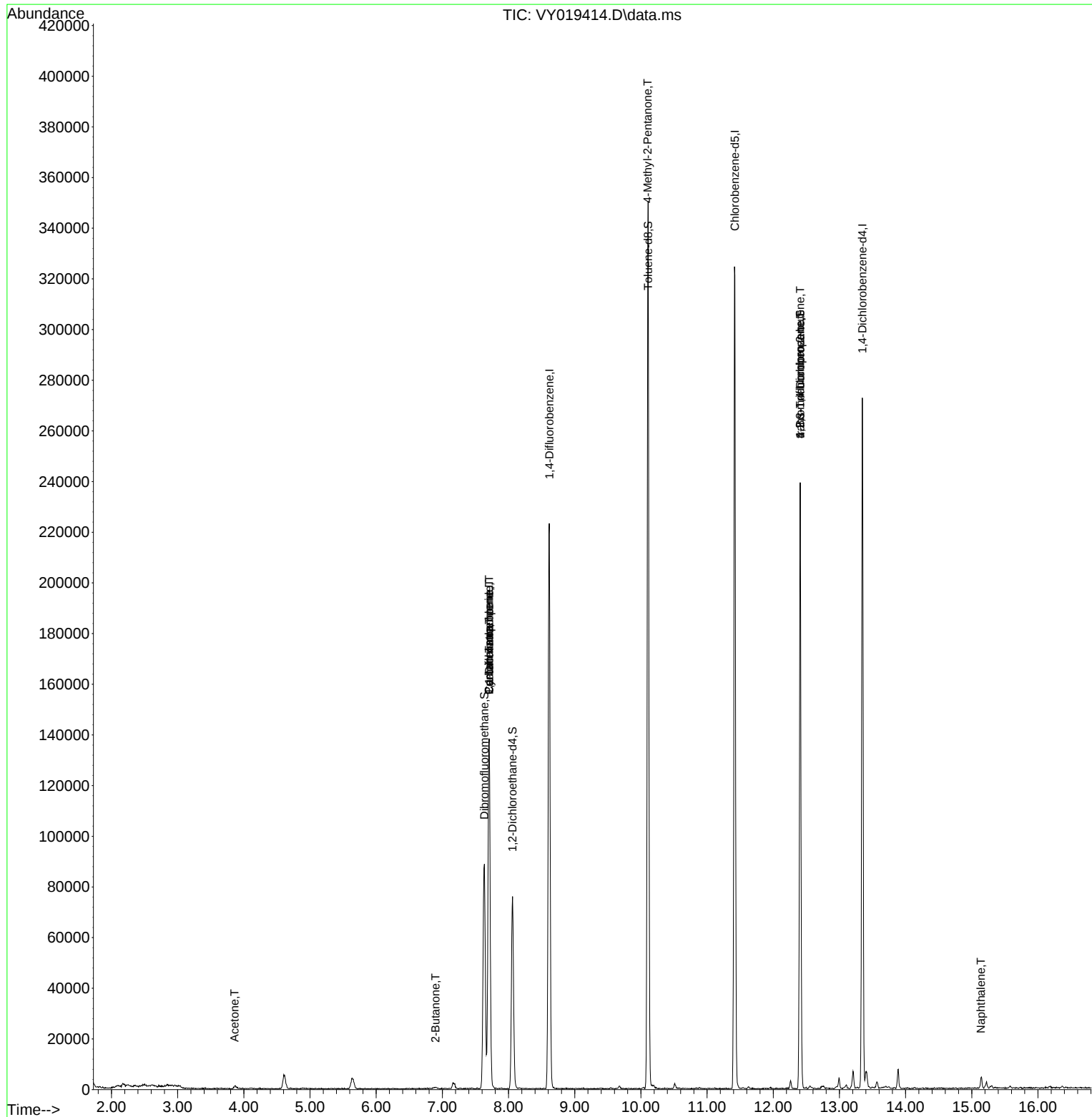
Internal Standards						
1) Pentafluorobenzene	7.707	168	113874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	197085	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	181798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	67865	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	60409	56.007	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.020%			
35) Dibromofluoromethane	7.634	113	63981	51.347	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.700%			
50) Toluene-d8	10.109	98	221667	48.326	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 96.660%			
62) 4-Bromofluorobenzene	12.408	95	68393	46.100	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 92.200%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.611	94	199	Below Cal	#	61
16) Acetone	3.860	43	1919	9.046	ug/l #	78
20) Methylene Chloride	4.604	84	4147	Below Cal	#	89
25) 2-Butanone	6.896	43	373	1.314	ug/l #	41
31) Cyclohexane	7.707	56	2166	1.181	ug/l #	36
36) 1,1-Dichloropropene	7.707	75	8459	4.804	ug/l #	49
38) Carbon Tetrachloride	7.707	117	10816	5.040	ug/l #	16
51) 4-Methyl-2-Pentanone	10.103	43	931	1.307	ug/l #	1
76) 1,2,3-Trichloropropane	12.408	75	37167	62.362	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.408	75	37167	154.287	ug/l #	16
95) Naphthalene	15.139	128	3936	2.260	ug/l	99

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

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Quant Title : SW846 8260
QLast Update : Fri Aug 30 02:45:30 2024
Response via : Initial Calibration

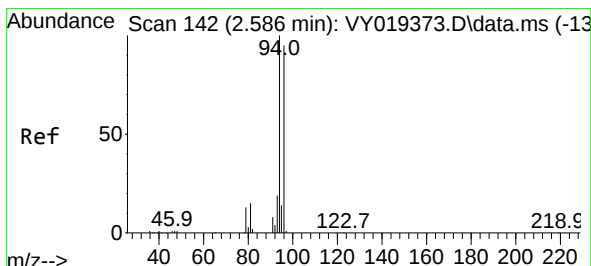
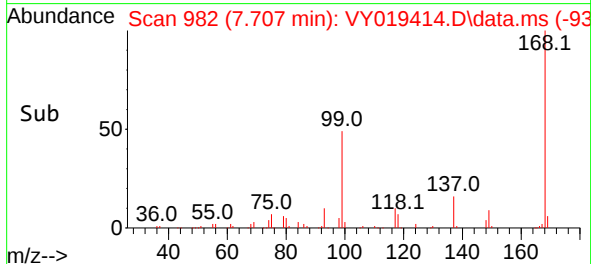
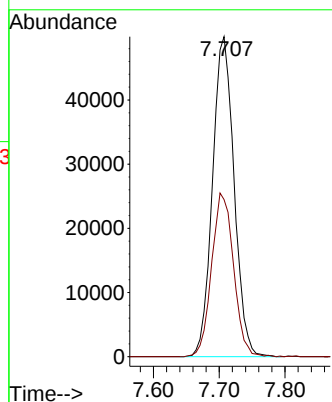
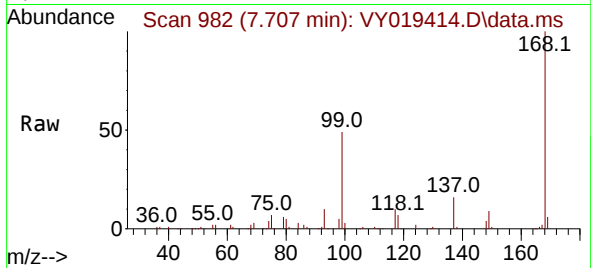




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019414.D
Acq: 30 Aug 2024 22:27

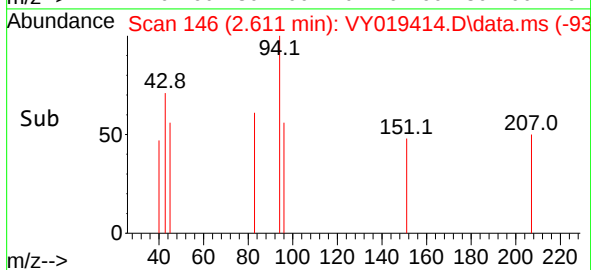
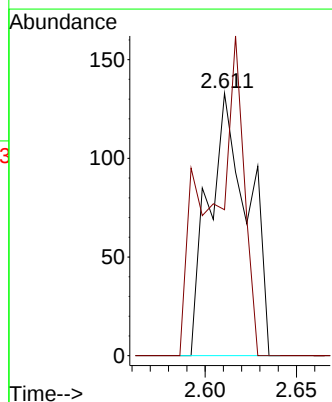
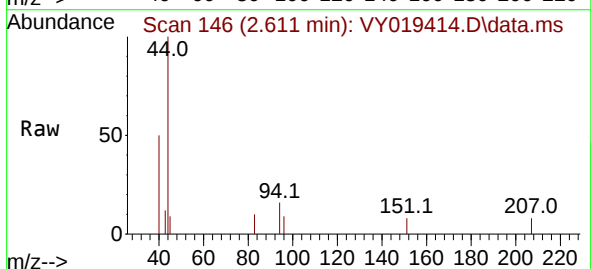
Instrument :
MSVOA_Y
ClientSampleId :

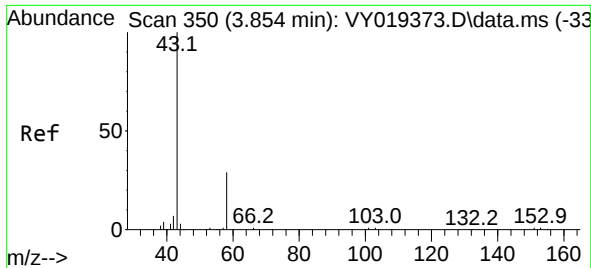
Tgt Ion:168 Resp: 113874
Ion Ratio Lower Upper
168 100
99 49.1 39.1 58.7



#5
Bromomethane
Concen: Below Cal
RT: 2.611 min Scan# 146
Delta R.T. 0.025 min
Lab File: VY019414.D
Acq: 30 Aug 2024 22:27

Tgt Ion: 94 Resp: 199
Ion Ratio Lower Upper
94 100
96 55.6 74.1 111.1#

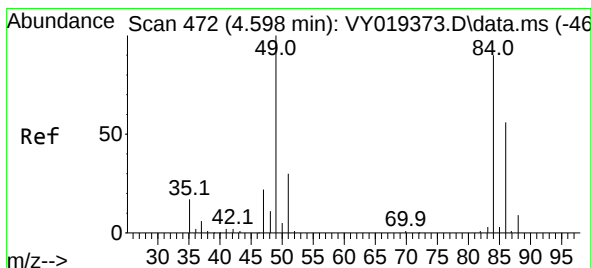
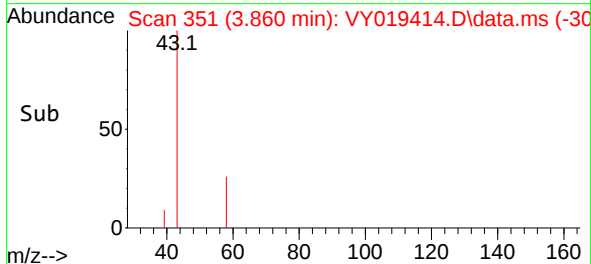
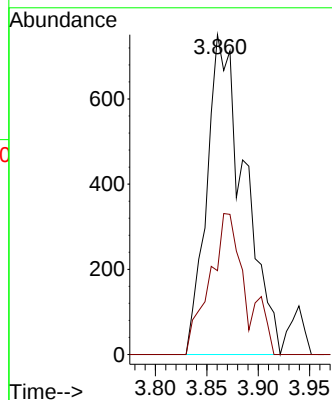
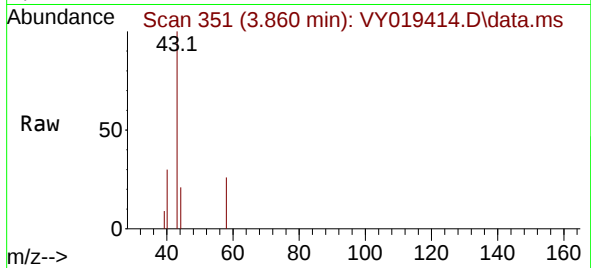




#16
Acetone
Concen: 9.046 ug/l
RT: 3.860 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY019414.D
Acq: 30 Aug 2024 22:27

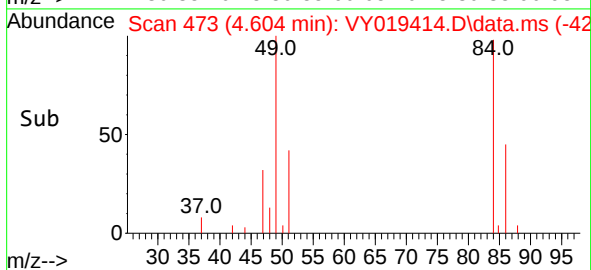
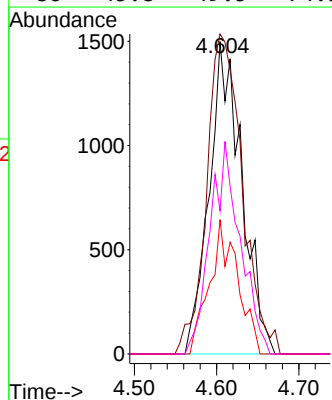
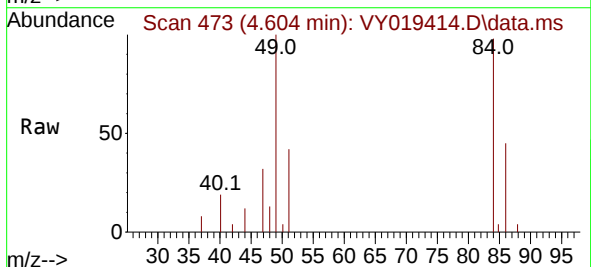
Instrument :
MSVOA_Y
ClientSampleId :

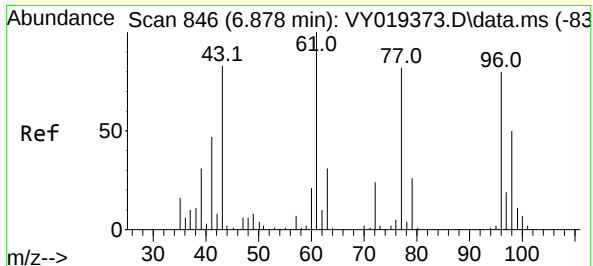
Tgt Ion: 43 Resp: 1919
Ion Ratio Lower Upper
43 100
58 26.2 31.7 47.5#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.604 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY019414.D
Acq: 30 Aug 2024 22:27

Tgt Ion: 84 Resp: 4147
Ion Ratio Lower Upper
84 100
49 102.4 84.4 126.6
51 43.0 26.0 39.0#
86 45.8 49.5 74.3#





#25

2-Butanone

Concen: 1.314 ug/l

RT: 6.896 min Scan# 846

Delta R.T. 0.018 min

Lab File: VY019414.D

Acq: 30 Aug 2024 22:27

Instrument :

MSVOA_Y

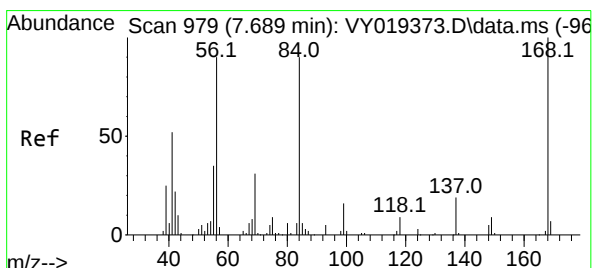
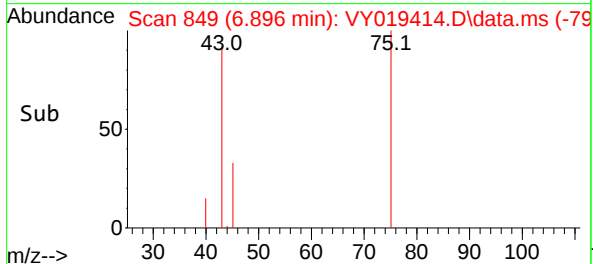
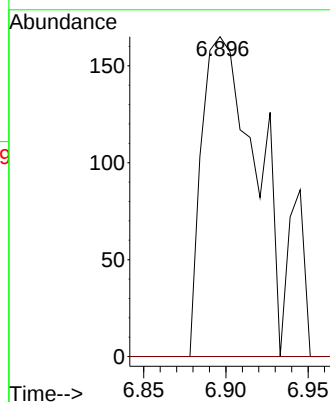
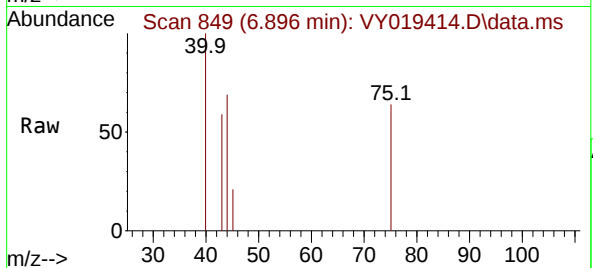
ClientSampleId :

Tgt Ion: 43 Resp: 373

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



#31

Cyclohexane

Concen: 1.181 ug/l

RT: 7.707 min Scan# 982

Delta R.T. 0.018 min

Lab File: VY019414.D

Acq: 30 Aug 2024 22:27

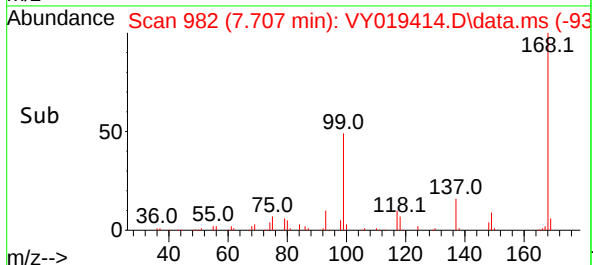
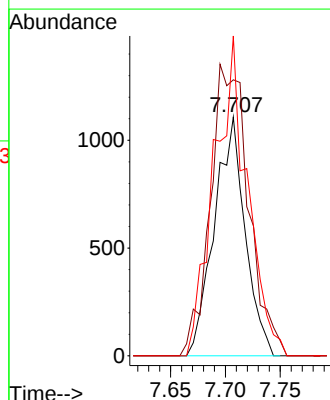
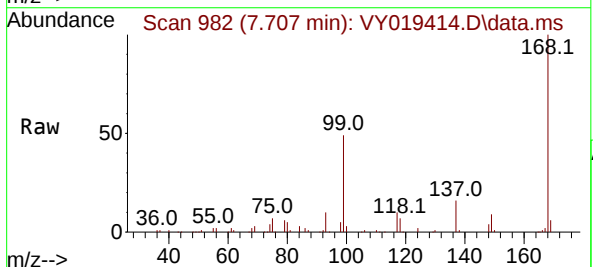
Tgt Ion: 56 Resp: 2166

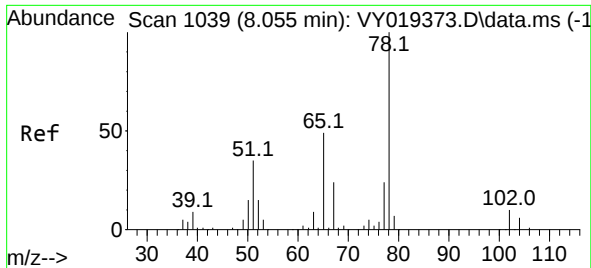
Ion Ratio Lower Upper

56 100

69 115.6 28.7 43.1#

84 133.9 77.7 116.5#

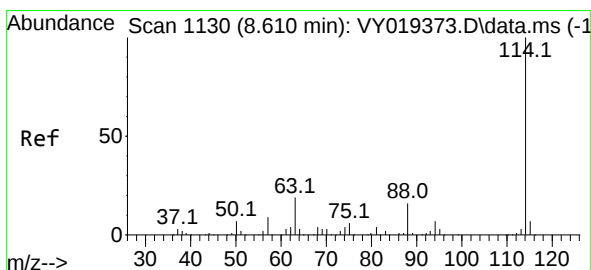
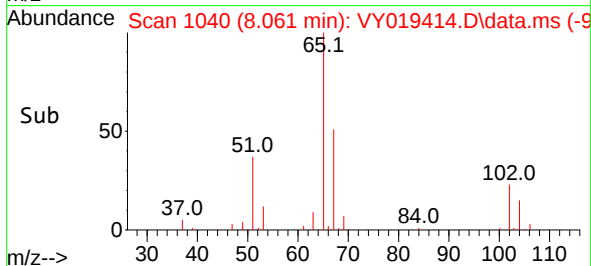
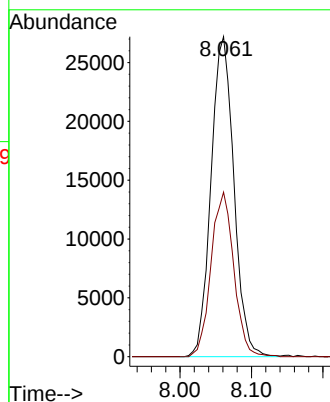
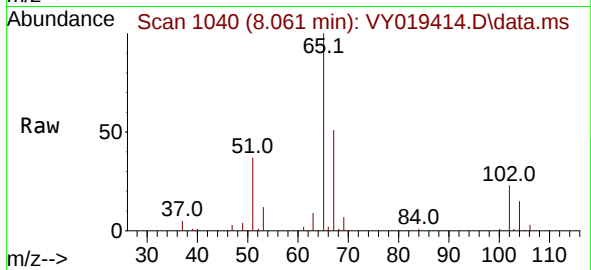




#33
 1,2-Dichloroethane-d4
 Concen: 56.007 ug/l
 RT: 8.061 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: VY019414.D
 Acq: 30 Aug 2024 22:27

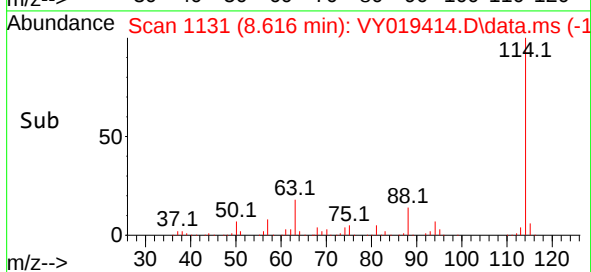
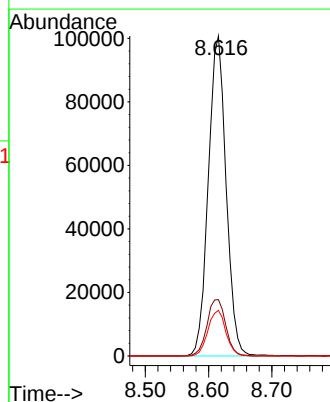
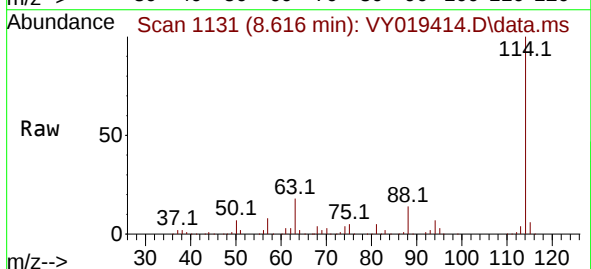
Instrument :
 MSVOA_Y
 ClientSampleId :

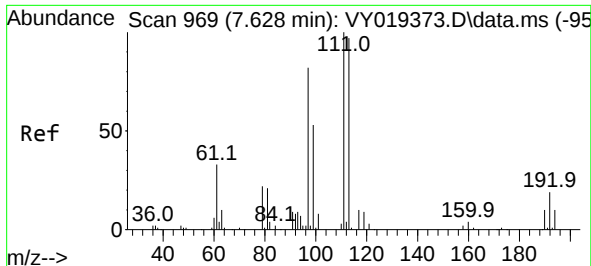
Tgt Ion: 65 Resp: 60409
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.616 min Scan# 1131
 Delta R.T. 0.006 min
 Lab File: VY019414.D
 Acq: 30 Aug 2024 22:27

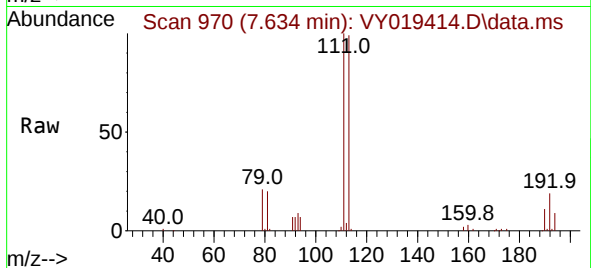
Tgt Ion:114 Resp: 197085
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.0
 88 14.3 0.0 27.2



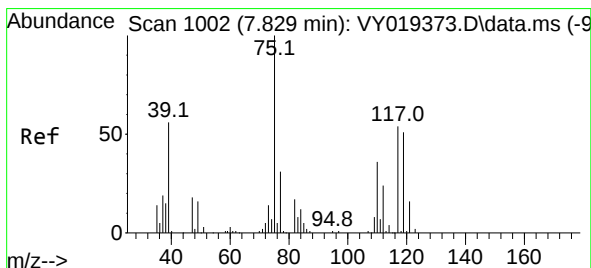
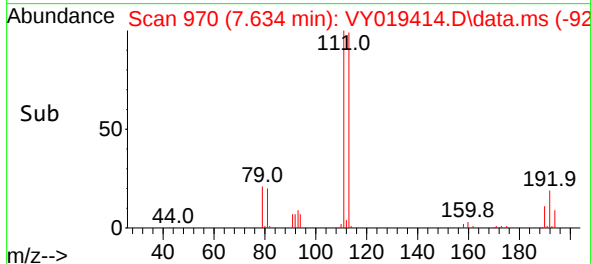
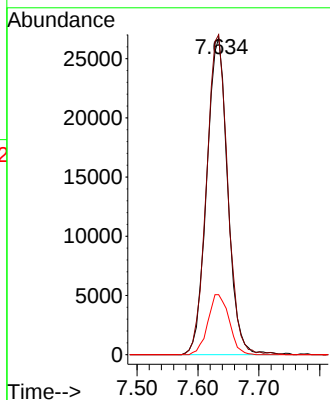


#35
Dibromofluoromethane
Concen: 51.347 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019414.D
Acq: 30 Aug 2024 22:27

Instrument :
MSVOA_Y
ClientSampleId :

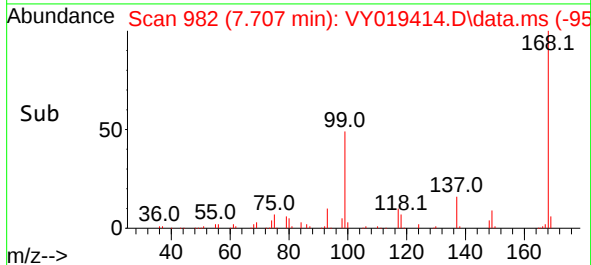
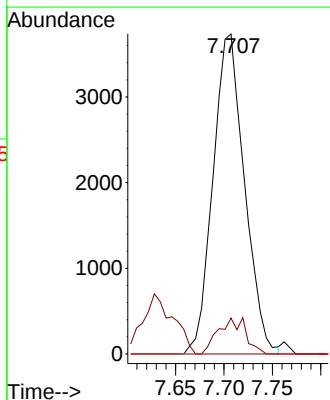
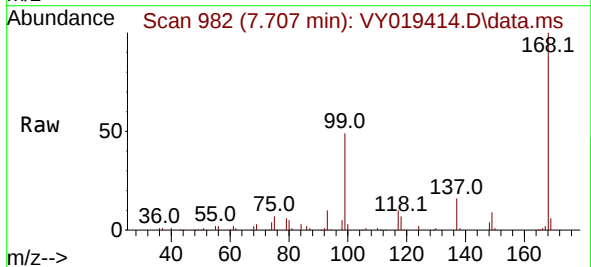


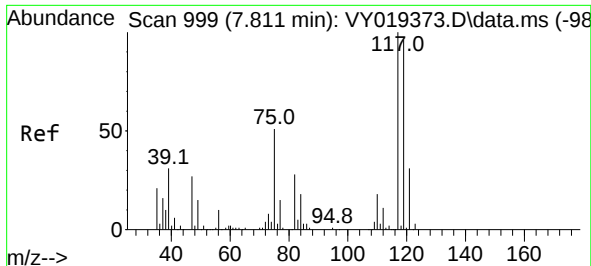
Tgt Ion:113 Resp: 63981
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.4
192 19.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.804 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.122 min
Lab File: VY019414.D
Acq: 30 Aug 2024 22:27

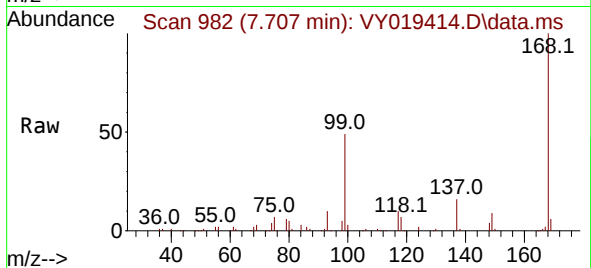
Tgt Ion: 75 Resp: 8459
Ion Ratio Lower Upper
75 100
110 9.9 19.0 57.0#
77 0.0 25.3 37.9#



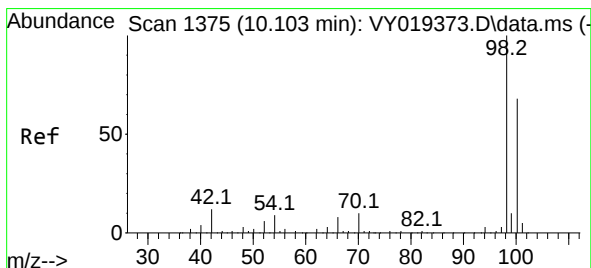
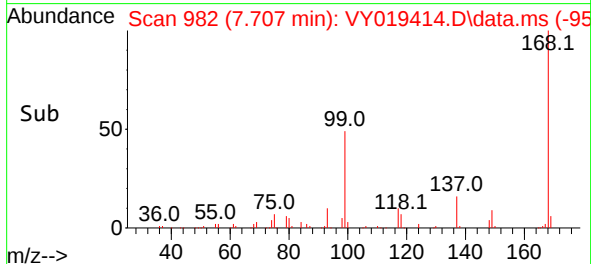
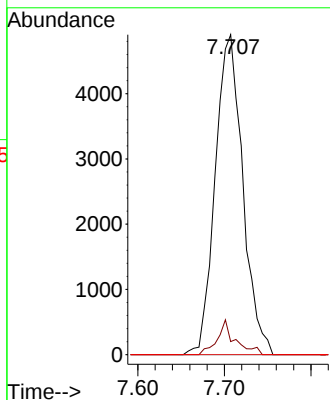


#38
Carbon Tetrachloride
Concen: 5.040 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY019414.D
Acq: 30 Aug 2024 22:27

Instrument :
MSVOA_Y
ClientSampleId :

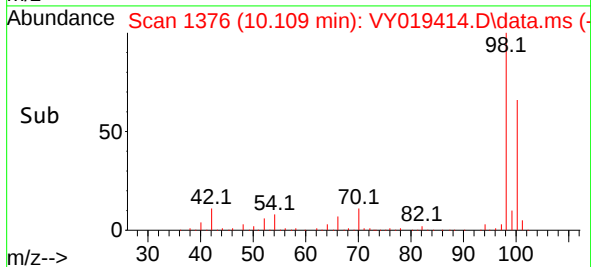
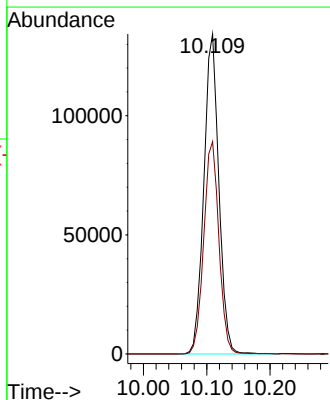
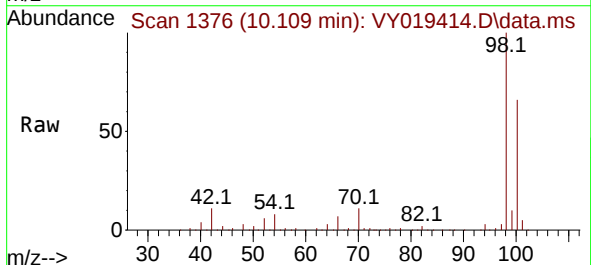


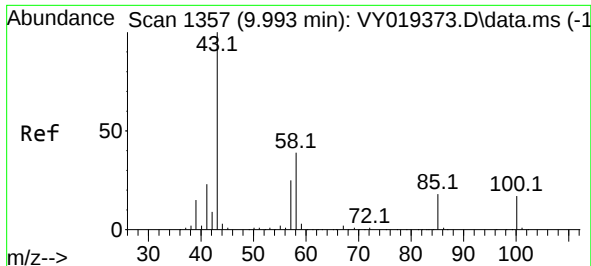
Tgt Ion:117 Resp: 10816
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 48.326 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY019414.D
Acq: 30 Aug 2024 22:27

Tgt Ion: 98 Resp: 221667
Ion Ratio Lower Upper
98 100
100 67.3 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 1.307 ug/l

RT: 10.103 min Scan# 11

Delta R.T. 0.110 min

Lab File: VY019414.D

Acq: 30 Aug 2024 22:27

Instrument :

MSVOA_Y

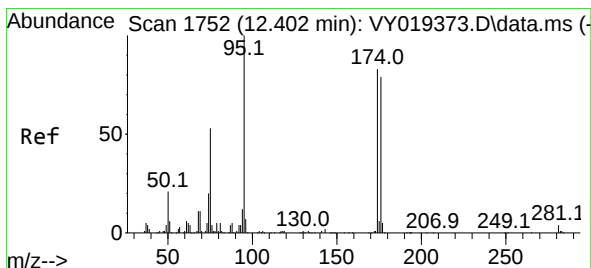
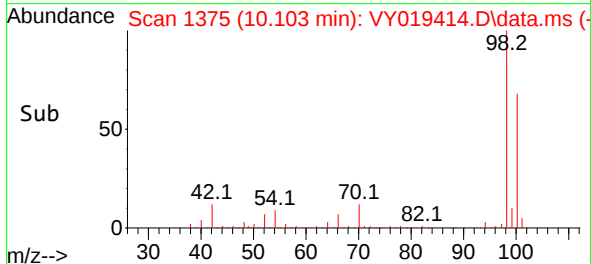
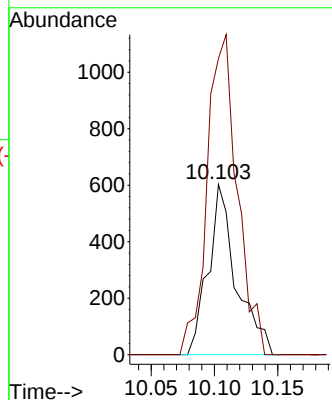
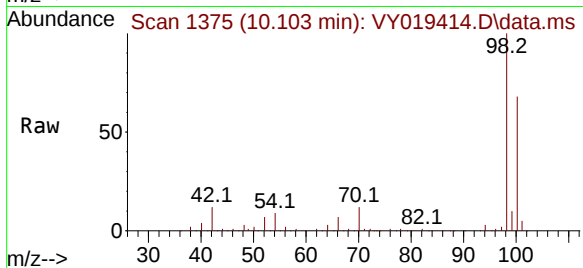
ClientSampleId :

Tgt Ion: 43 Resp: 931

Ion Ratio Lower Upper

43 100

58 201.6 35.7 53.5#



#62

4-Bromofluorobenzene

Concen: 46.100 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019414.D

Acq: 30 Aug 2024 22:27

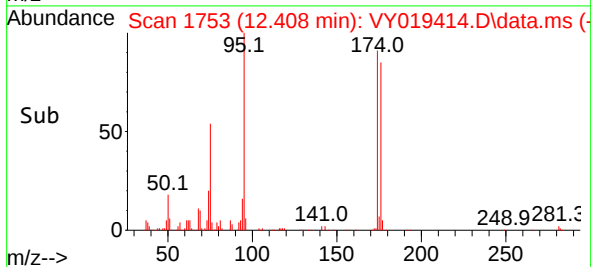
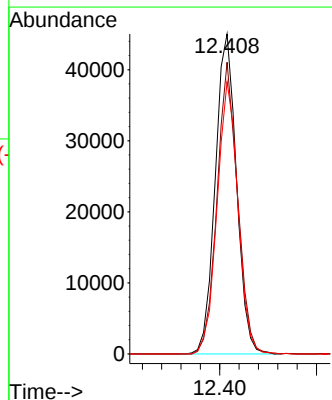
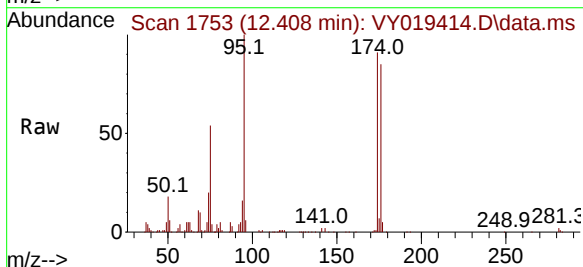
Tgt Ion: 95 Resp: 68393

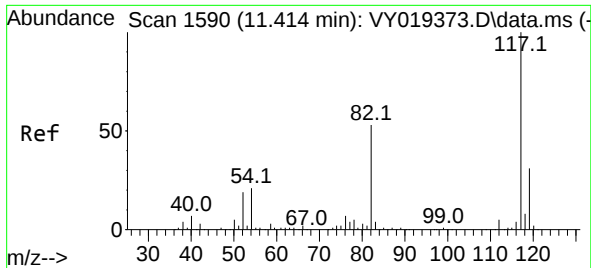
Ion Ratio Lower Upper

95 100

174 88.3 0.0 175.6

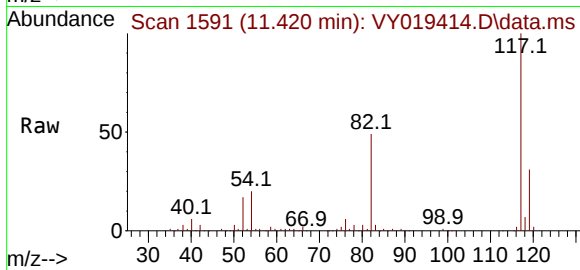
176 84.0 0.0 171.4



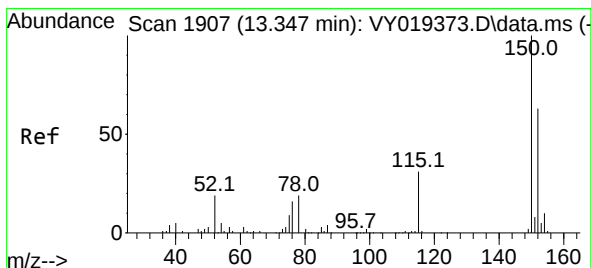
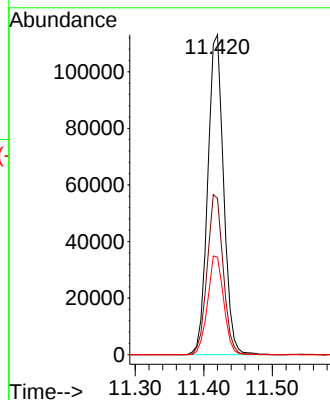
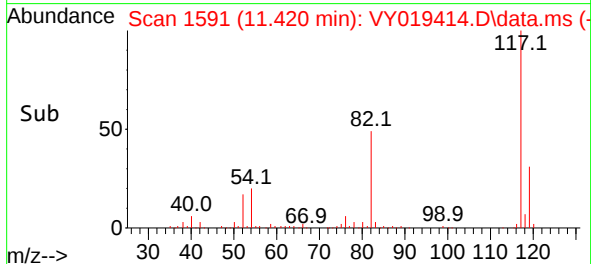


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019414.D
Acq: 30 Aug 2024 22:27

Instrument :
MSVOA_Y
ClientSampleId :

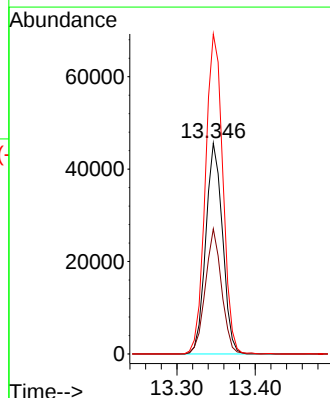
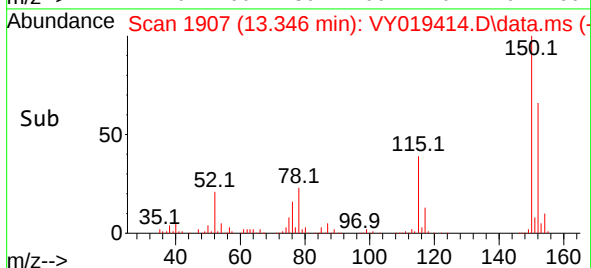
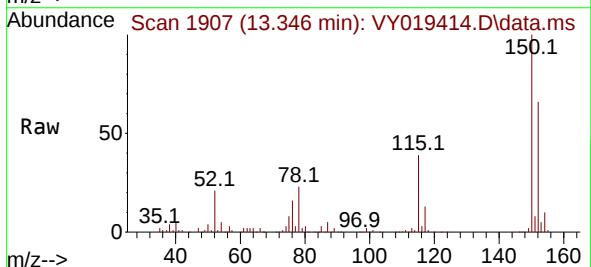


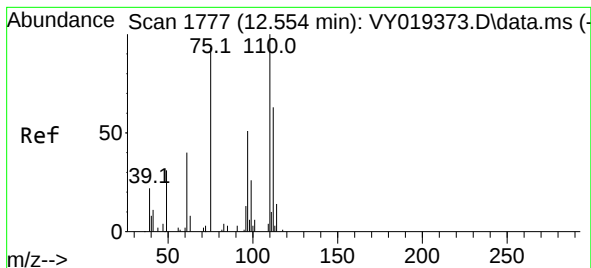
Tgt Ion:117 Resp: 181798
Ion Ratio Lower Upper
117 100
82 48.8 42.4 63.6
119 30.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY019414.D
Acq: 30 Aug 2024 22:27

Tgt Ion:152 Resp: 67865
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 157.2 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 62.362 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. -0.146 min

Lab File: VY019414.D

Acq: 30 Aug 2024 22:27

Instrument :

MSVOA_Y

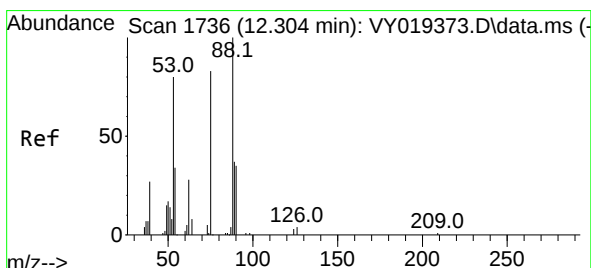
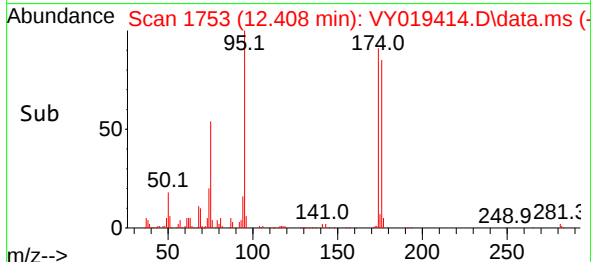
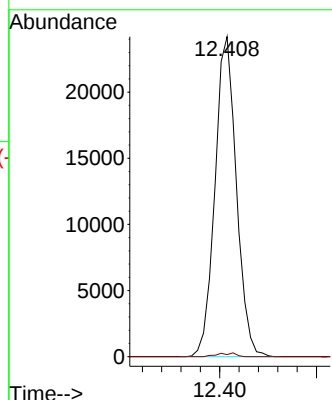
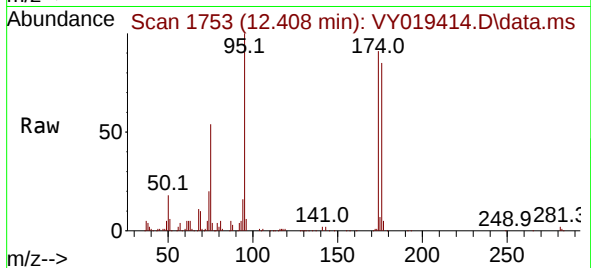
ClientSampleId :

Tgt Ion: 75 Resp: 37167

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 154.287 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.104 min

Lab File: VY019414.D

Acq: 30 Aug 2024 22:27

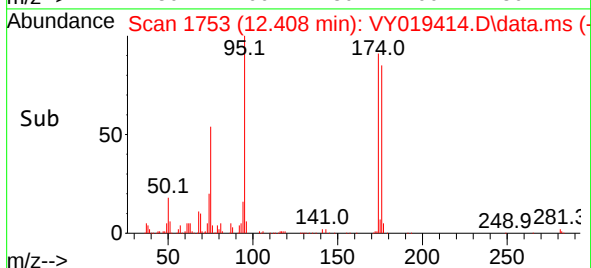
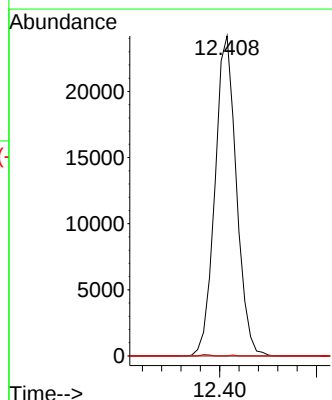
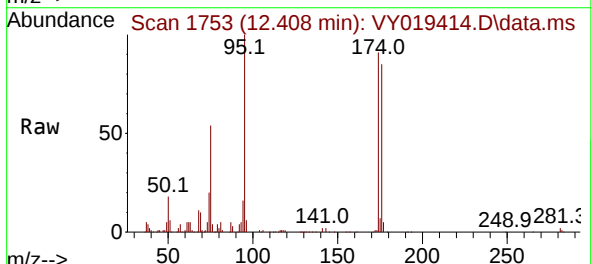
Tgt Ion: 75 Resp: 37167

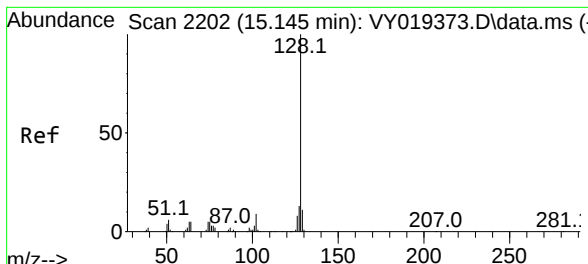
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.1 35.8 53.6#





#95
 Naphthalene
 Concen: 2.260 ug/l
 RT: 15.139 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VY019414.D
 Acq: 30 Aug 2024 22:27

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:	128	Resp:	3936
Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.6	16.0
129	11.5	8.6	13.0

