

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018206.D
 Acq On : 09 May 2024 12:56
 Operator : SY/MD
 Sample : P2422-03
 Misc : 4.30g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 10 01:16:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

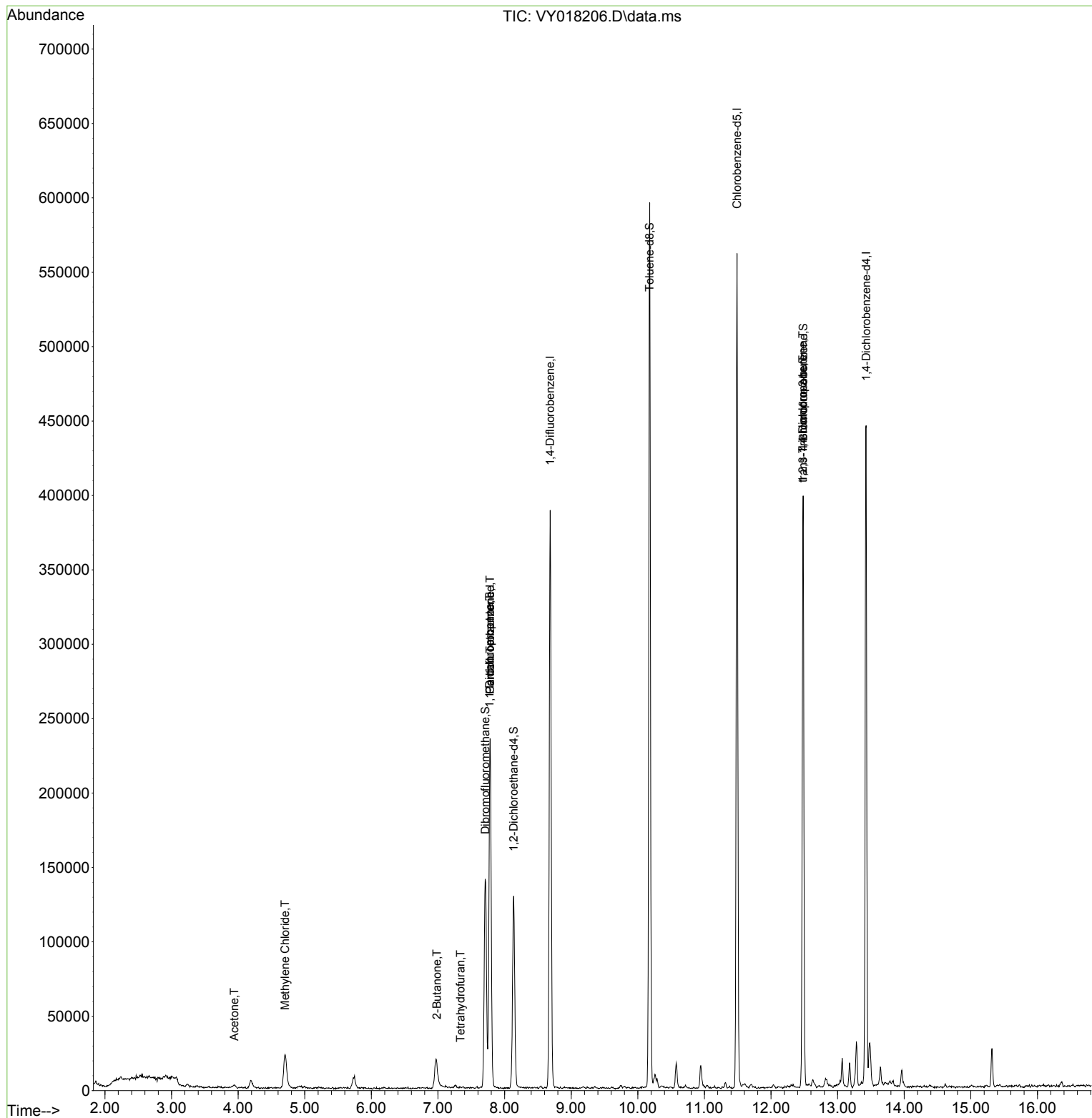
Internal Standards						
1) Pentafluorobenzene	7.783	168	191383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	358992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	317562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	117841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91930	65.294	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 130.580%	
35) Dibromofluoromethane	7.710	113	103024	54.606	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.220%	
50) Toluene-d8	10.179	98	402664	54.160	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.320%	
62) 4-Bromofluorobenzene	12.483	95	121697	50.687	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.380%	
Target Compounds						Qvalue
11) Tert butyl alcohol	4.942	59	1268	Below Cal	#	94
13) Acrolein	3.735	56	129	Below Cal	#	1
16) Acetone	3.942	43	3058	10.884	ug/l	97
20) Methylene Chloride	4.704	84	19063	9.599	ug/l	96
25) 2-Butanone	6.984	43	1937	4.313	ug/l #	60
29) Tetrahydrofuran	7.338	42	473	1.595	ug/l #	54
31) Cyclohexane	7.783	56	3912	Below Cal	#	6
36) 1,1-Dichloropropene	7.777	75	14265	5.274	ug/l #	47
38) Carbon Tetrachloride	7.783	117	18085	6.119	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	60448	64.085	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	60448	123.471	ug/l #	16

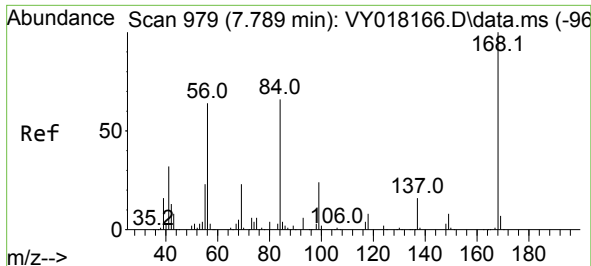
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

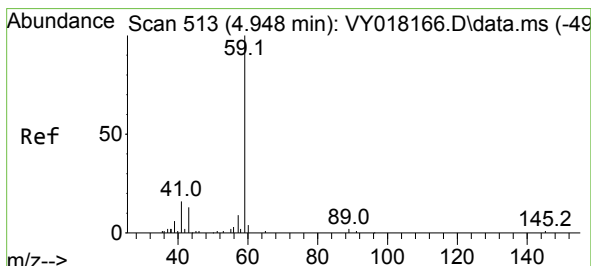
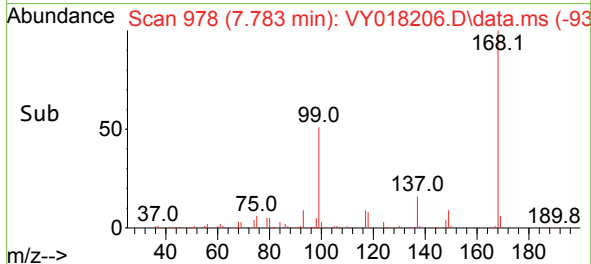
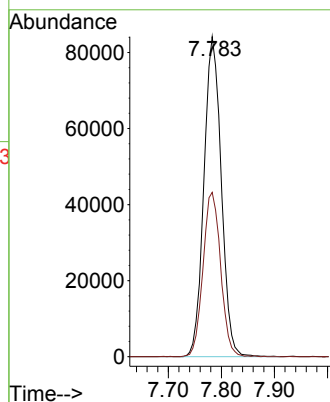
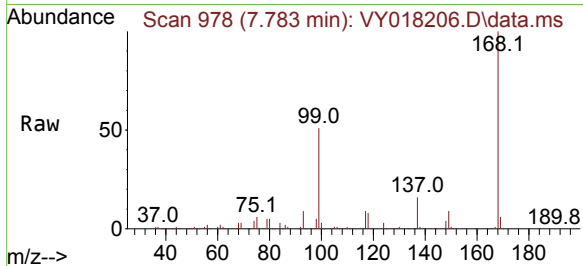




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

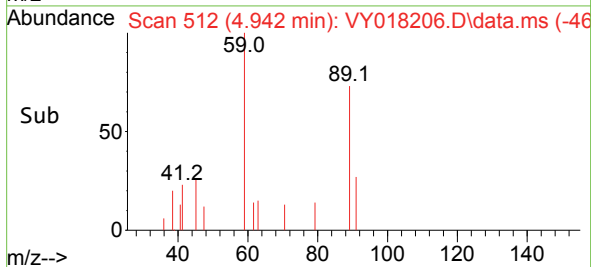
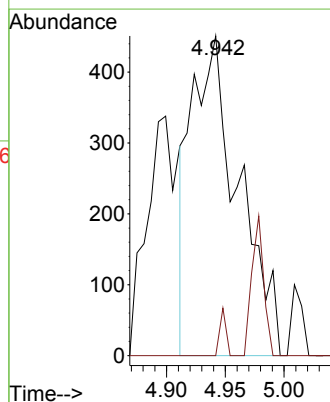
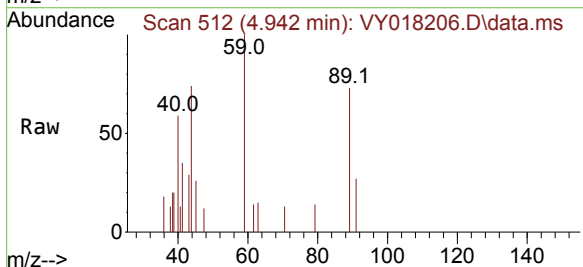
Instrument :
MSVOA_Y
ClientSampleId :

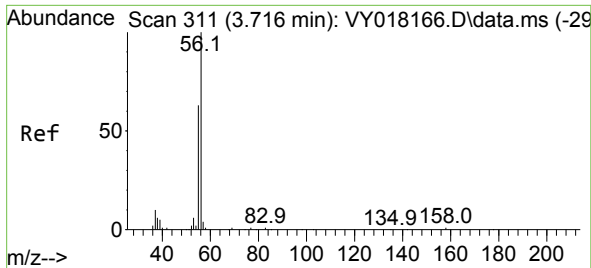
Tgt Ion:168 Resp: 191383
Ion Ratio Lower Upper
168 100
99 51.3 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

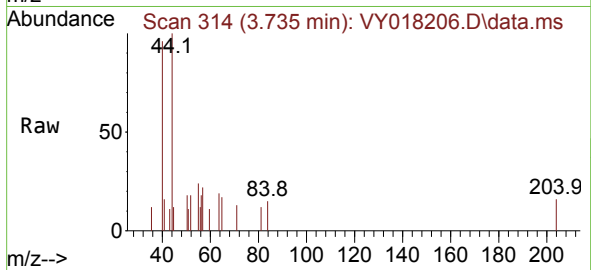
Tgt Ion: 59 Resp: 1268
Ion Ratio Lower Upper
59 100
57 2.0 3.0 4.6#



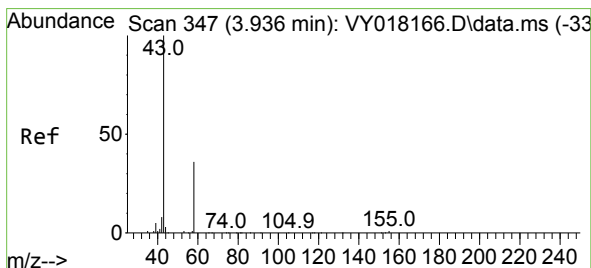
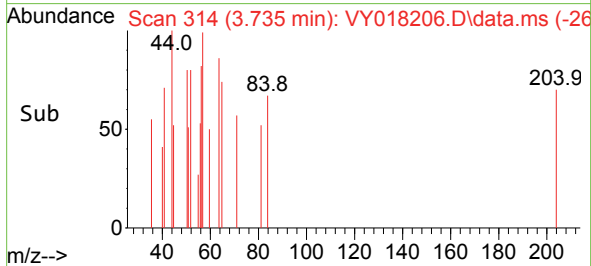
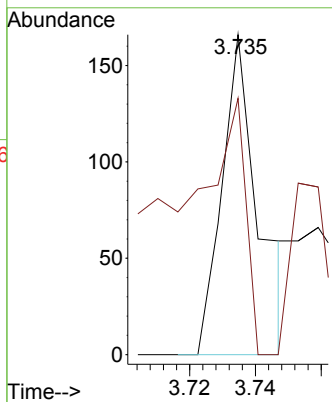


#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 311
Delta R.T. 0.019 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

Instrument :
MSVOA_Y
ClientSampleId :

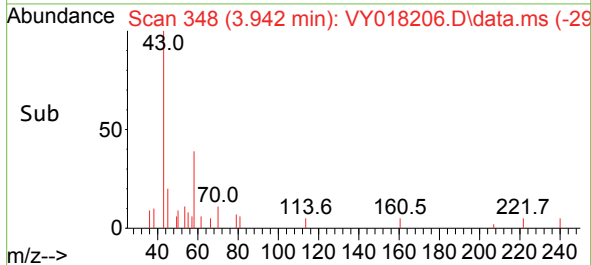
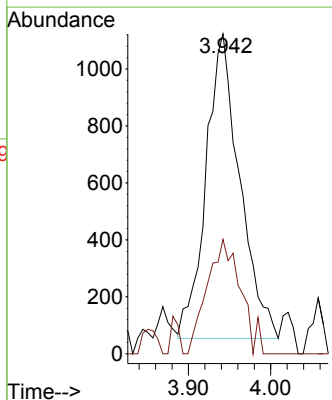
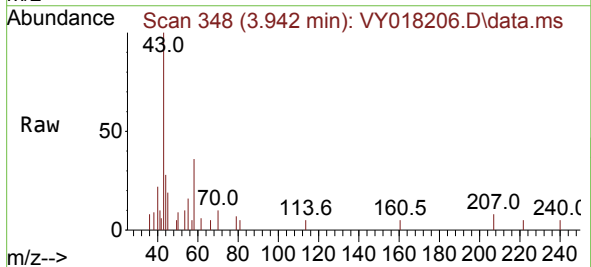


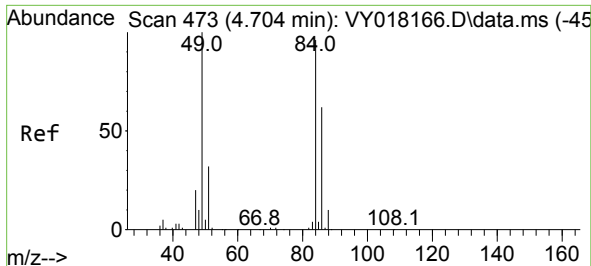
Tgt Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
55 176.0 55.7 83.5#



#16
Acetone
Concen: 10.884 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

Tgt Ion: 43 Resp: 3058
Ion Ratio Lower Upper
43 100
58 37.6 31.7 47.5

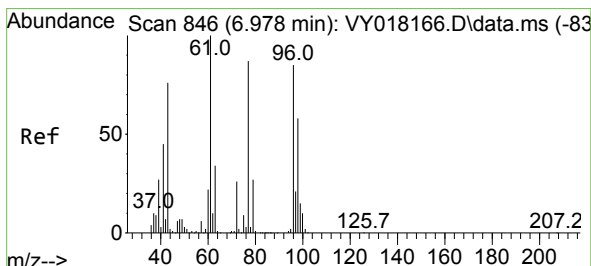
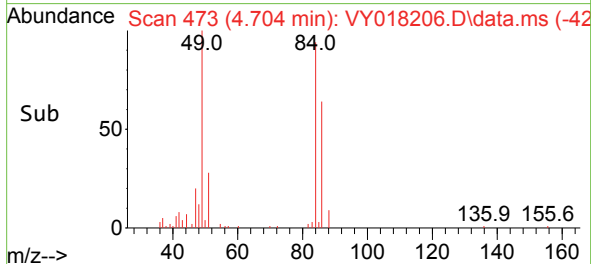
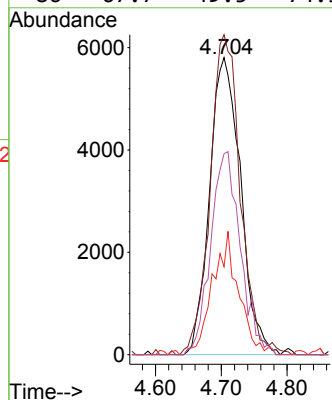
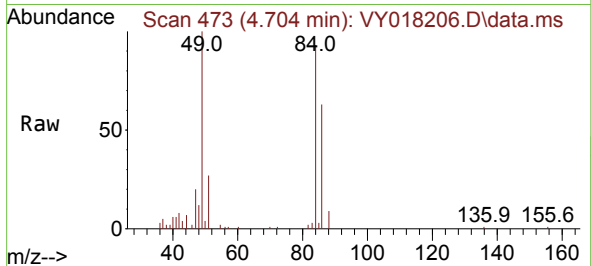




#20
Methylene Chloride
Concen: 9.599 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

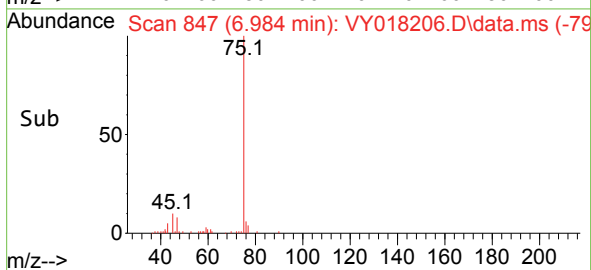
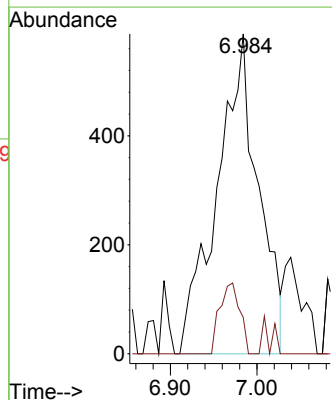
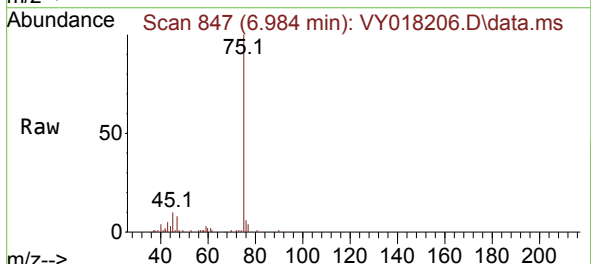
Instrument :
MSVOA_Y
ClientSampleId :

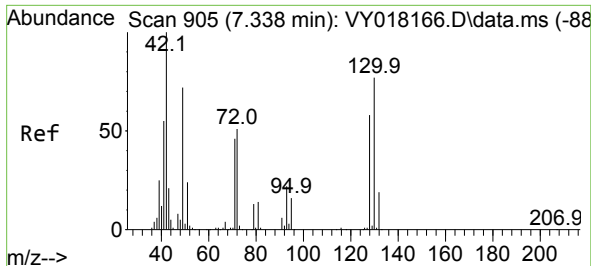
Tgt Ion: 84	Resp: 19063
Ion Ratio	Lower Upper
84 100	
49 107.7	84.4 126.6
51 29.6	26.0 39.0
86 67.7	49.5 74.3



#25
2-Butanone
Concen: 4.313 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

Tgt Ion: 43	Resp: 1937
Ion Ratio	Lower Upper
43 100	
72 11.4	27.3 40.9#





#29

Tetrahydrofuran

Concen: 1.595 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

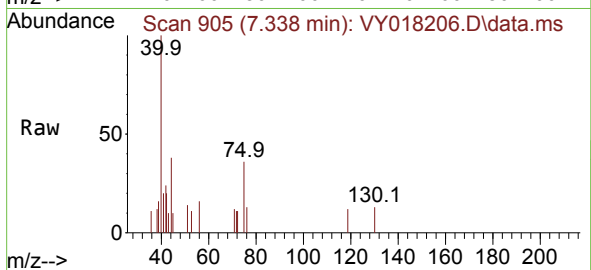
Lab File: VY018206.D

Acq: 09 May 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :



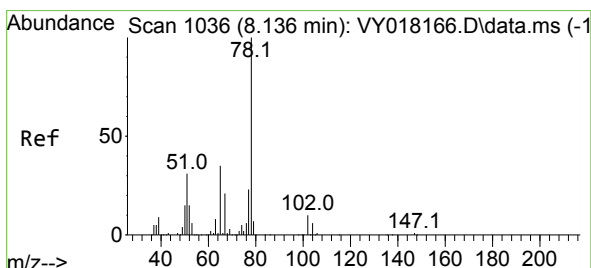
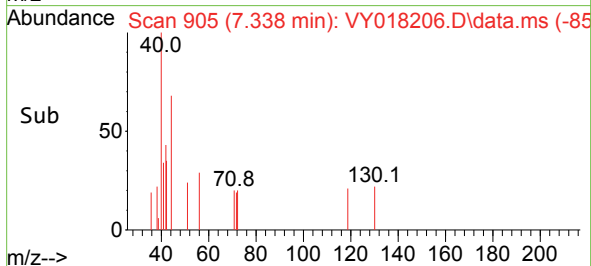
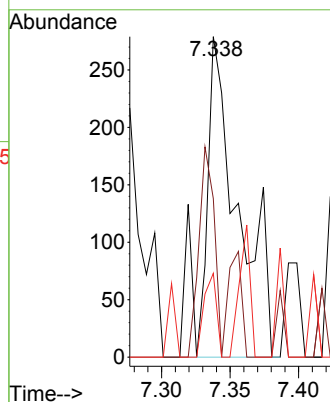
Tgt Ion: 42 Resp: 473

Ion Ratio Lower Upper

42 100

72 30.2 43.0 64.4#

71 9.9 40.8 61.2#



#33

1,2-Dichloroethane-d4

Concen: 65.294 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018206.D

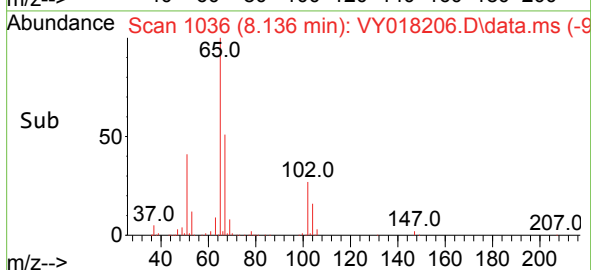
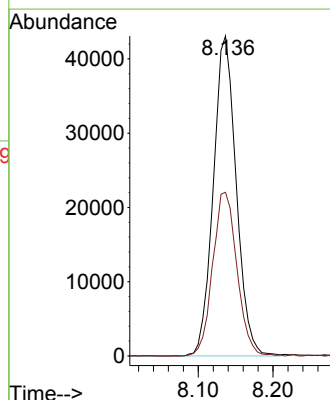
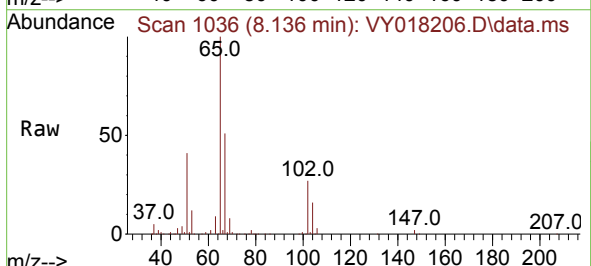
Acq: 09 May 2024 12:56

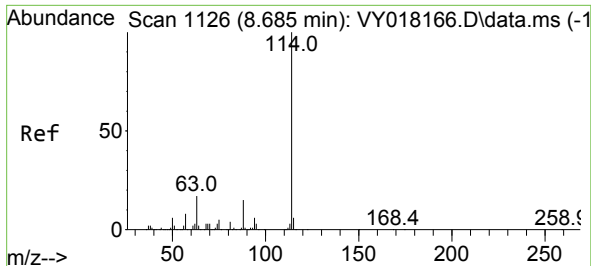
Tgt Ion: 65 Resp: 91930

Ion Ratio Lower Upper

65 100

67 54.2 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018206.D

Acq: 09 May 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :

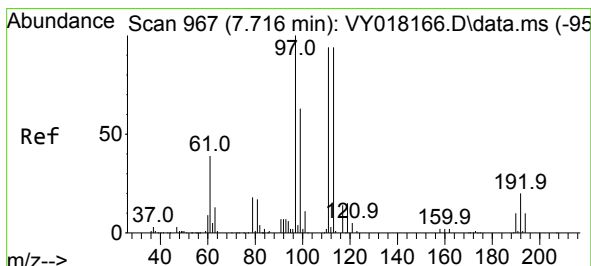
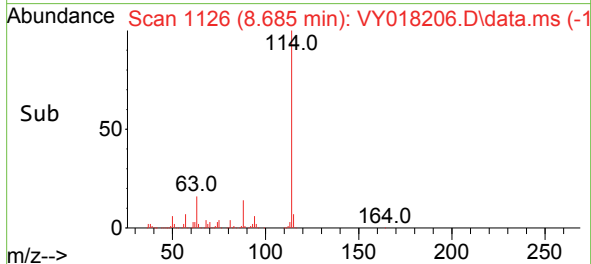
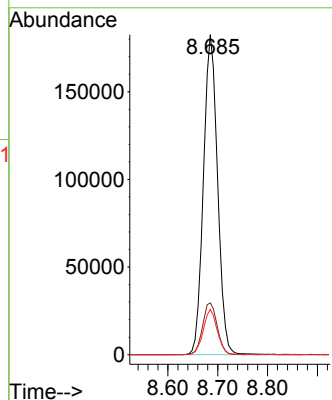
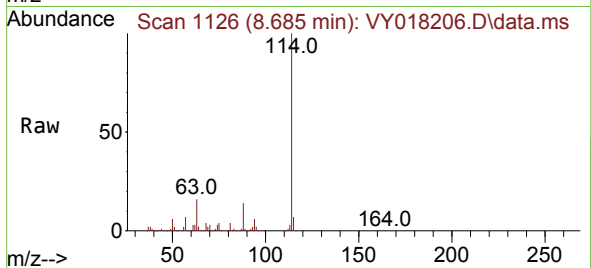
Tgt Ion:114 Resp: 358992

Ion Ratio Lower Upper

114 100

63 16.2 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.606 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018206.D

Acq: 09 May 2024 12:56

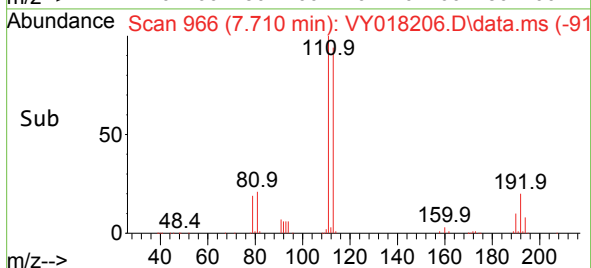
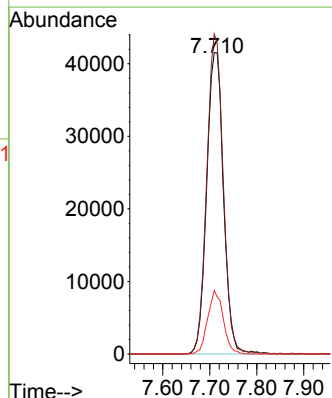
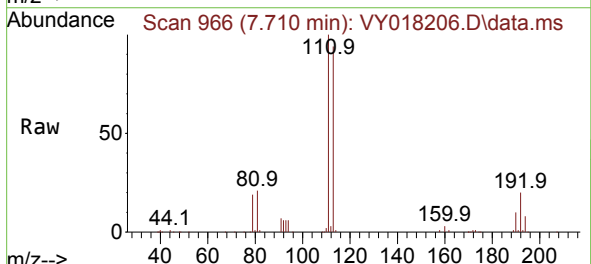
Tgt Ion:113 Resp: 103024

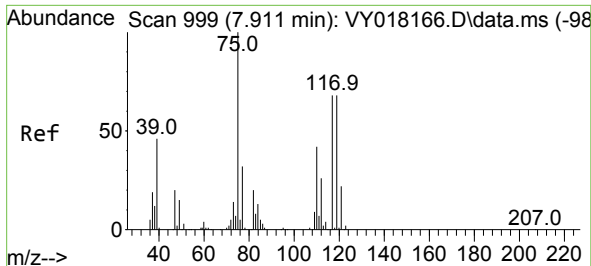
Ion Ratio Lower Upper

113 100

111 104.1 82.2 123.4

192 19.5 15.9 23.9

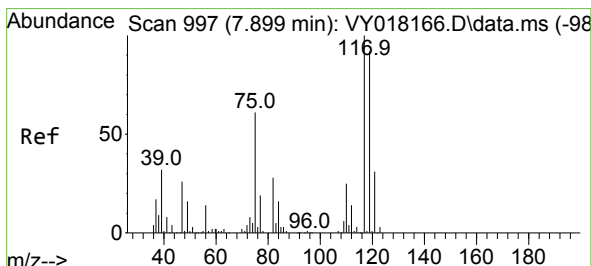
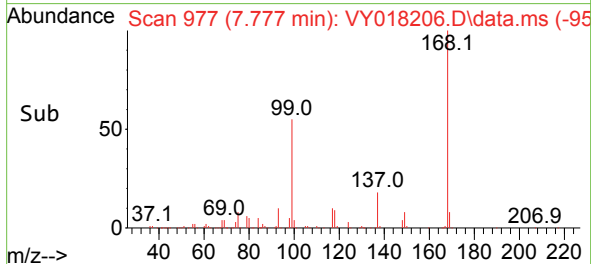
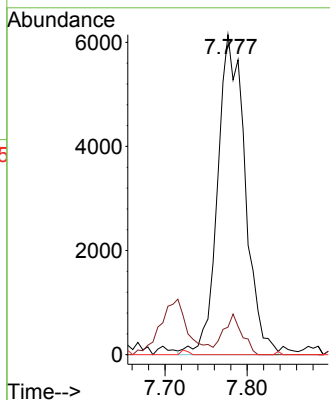
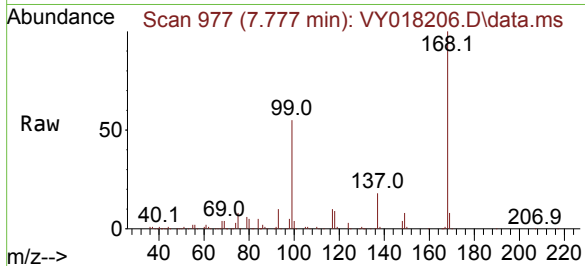




#36
1,1-Dichloropropene
Concen: 5.274 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

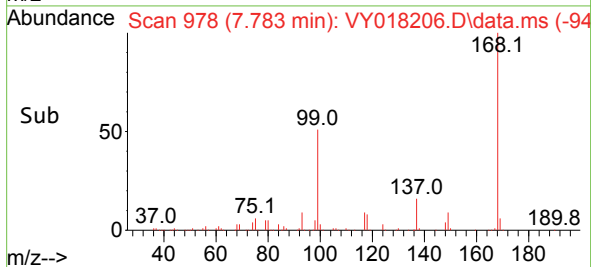
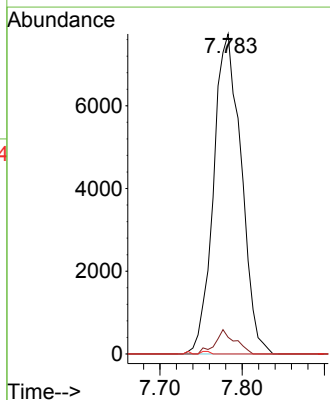
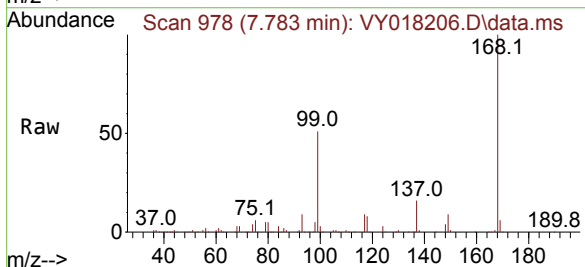
Instrument :
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ClientSampleId :

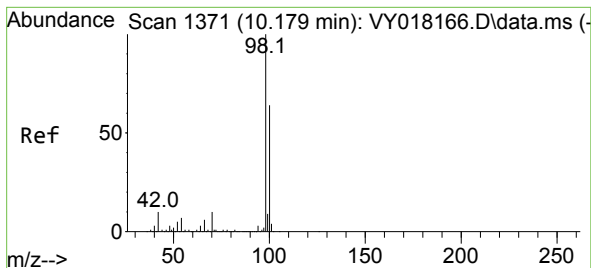
Tgt Ion: 75 Resp: 14265
Ion Ratio Lower Upper
75 100
110 8.5 19.0 57.0#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.119 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.116 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

Tgt Ion: 117 Resp: 18085
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#

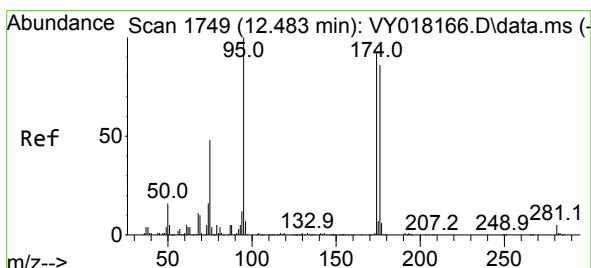
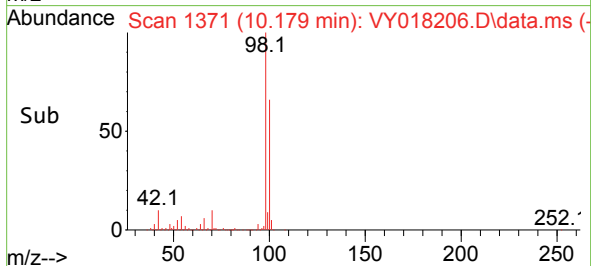
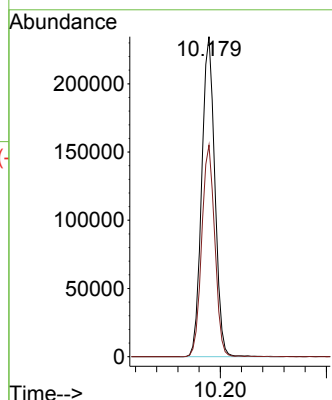
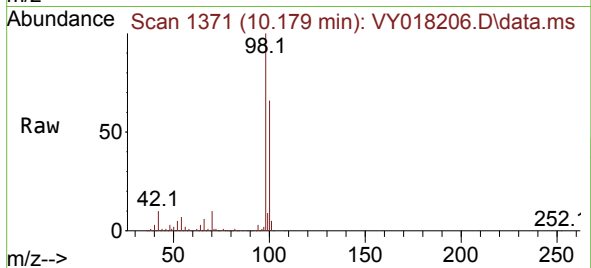




#50
Toluene-d8
Concen: 54.160 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

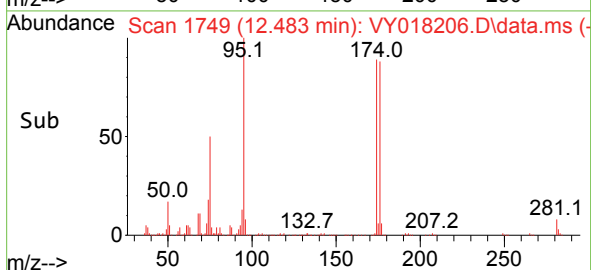
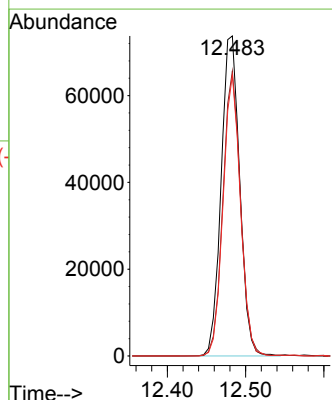
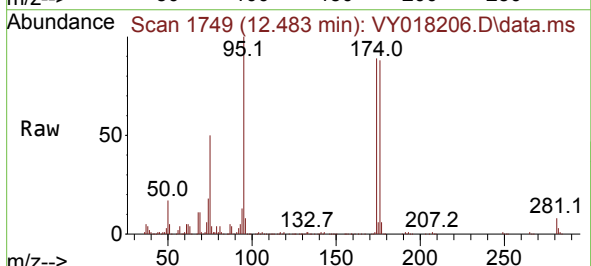
Instrument :
MSVOA_Y
ClientSampleId :

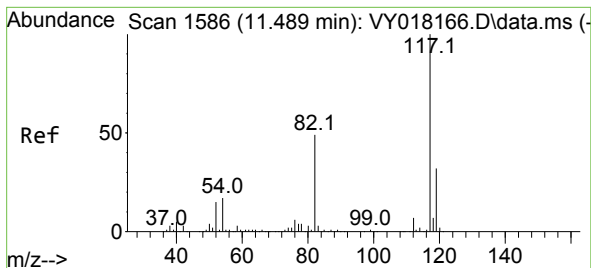
Tgt Ion: 98 Resp: 402664
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.687 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018206.D
Acq: 09 May 2024 12:56

Tgt Ion: 95 Resp: 121697
Ion Ratio Lower Upper
95 100
174 84.3 0.0 175.6
176 82.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY018206.D

Acq: 09 May 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :

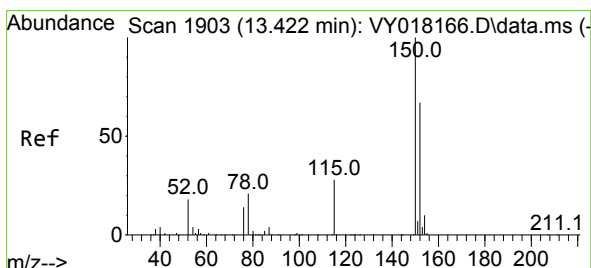
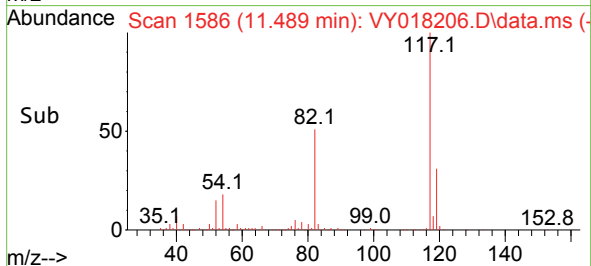
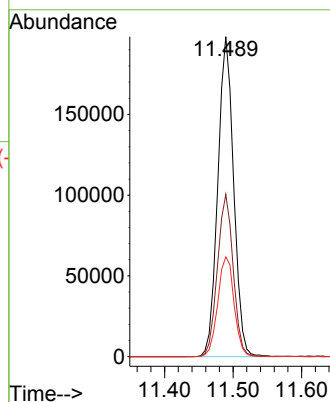
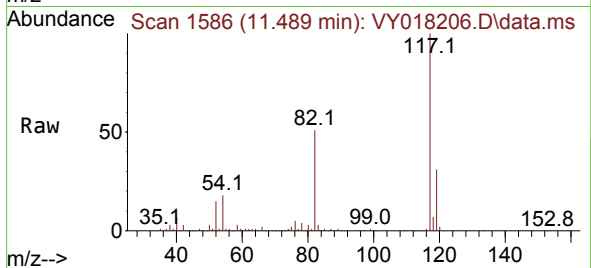
Tgt Ion:117 Resp: 317562

Ion Ratio Lower Upper

117 100

82 50.7 42.4 63.6

119 31.2 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018206.D

Acq: 09 May 2024 12:56

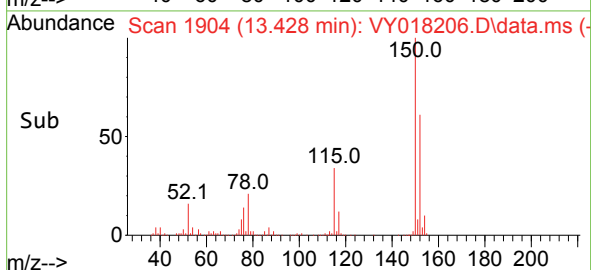
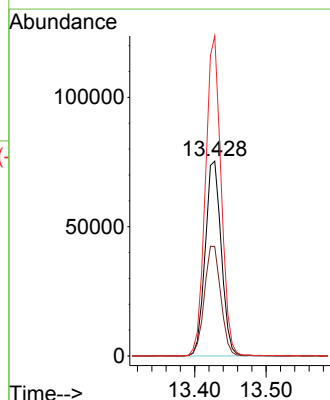
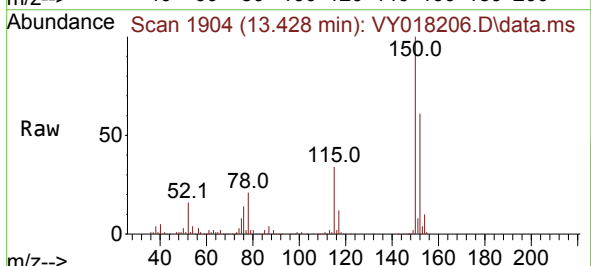
Tgt Ion:152 Resp: 117841

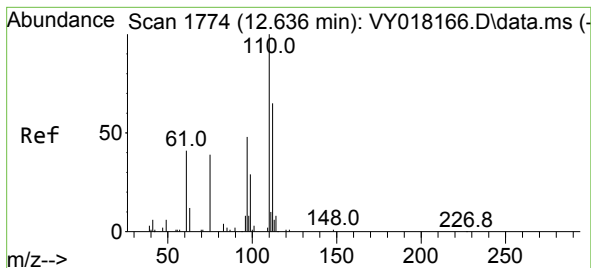
Ion Ratio Lower Upper

152 100

115 57.6 28.2 84.7

150 159.7 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 64.085 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

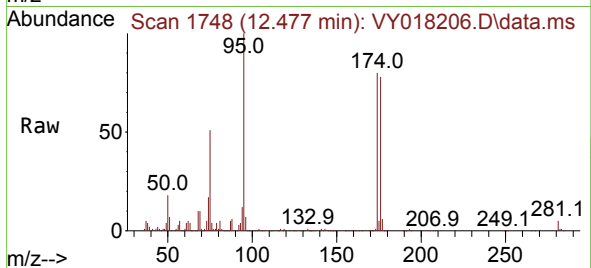
Lab File: VY018206.D

Acq: 09 May 2024 12:56

Instrument :

MSVOA_Y

ClientSampleId :

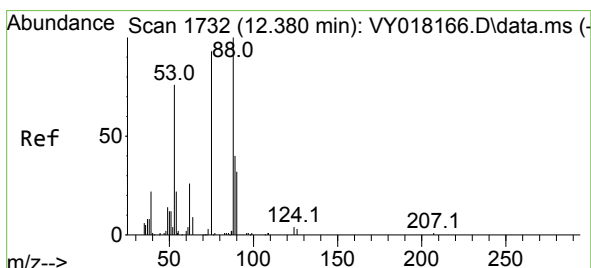
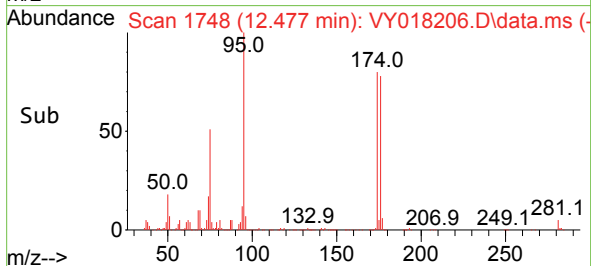
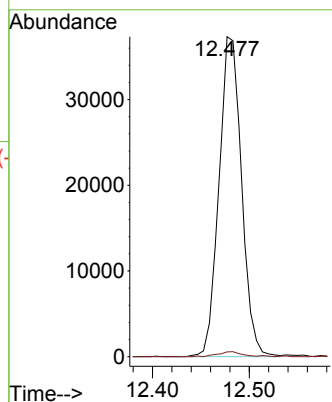


Tgt Ion: 75 Resp: 60448

Ion Ratio Lower Upper

75 100

77 1.8 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 123.471 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY018206.D

Acq: 09 May 2024 12:56

Tgt Ion: 75 Resp: 60448

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.2 35.8 53.6#

