

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018208.D
 Acq On : 09 May 2024 13:44
 Operator : SY/MD
 Sample : P2423-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 10 01:17:24 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)

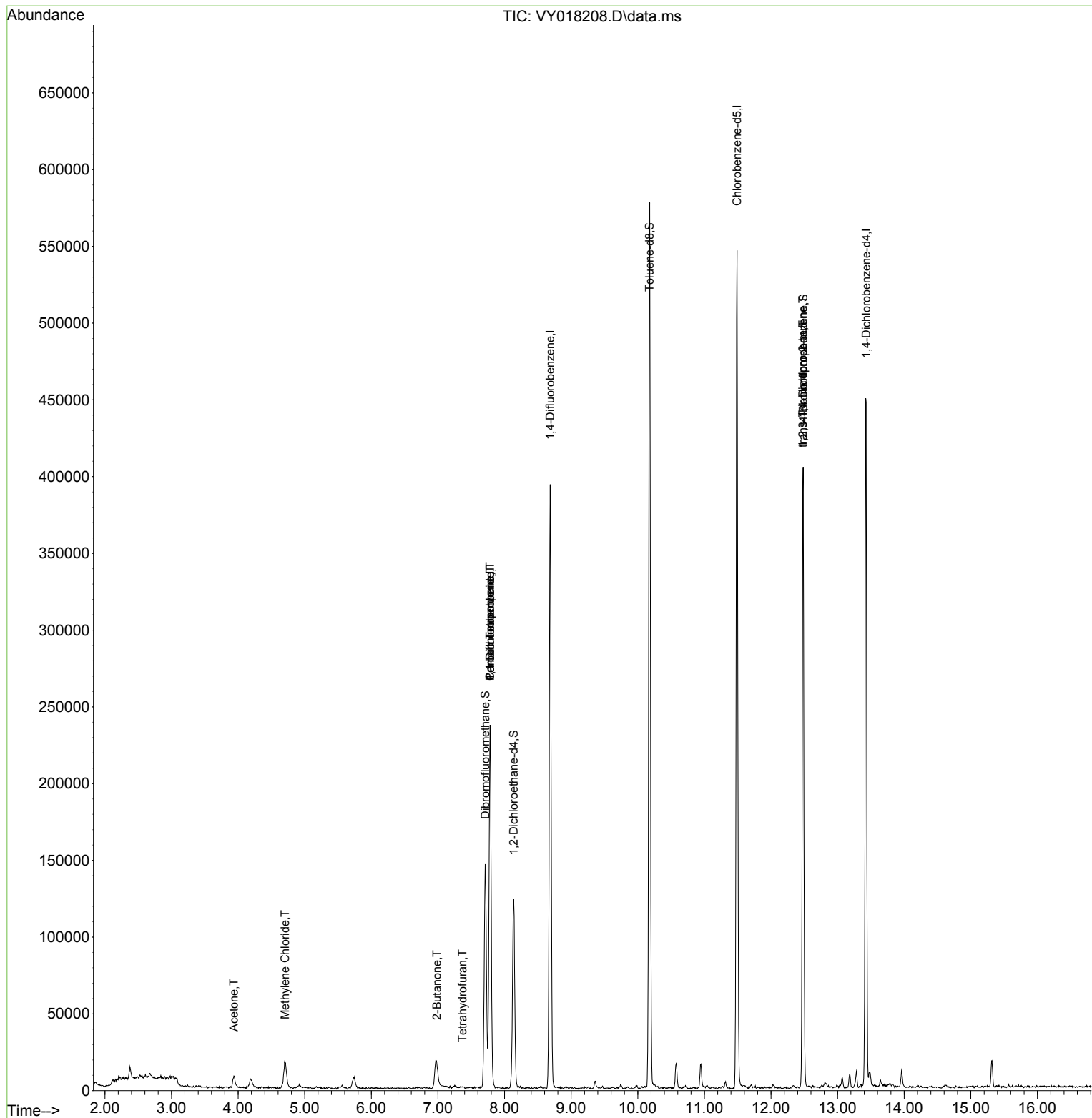
Internal Standards						
1) Pentafluorobenzene	7.783	168	185458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	347566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	317899	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123655	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	90919	66.639	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.280%	
35) Dibromofluoromethane	7.710	113	103023	56.401	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.800%	
50) Toluene-d8	10.179	98	392842	54.576	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.160%	
62) 4-Bromofluorobenzene	12.483	95	123005	52.916	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.840%	
Target Compounds						
					Qvalue	
13) Acrolein	3.704	56	258	Below Cal	#	42
16) Acetone	3.936	43	12292	45.146	ug/l	89
20) Methylene Chloride	4.704	84	13344	6.934	ug/l #	86
25) 2-Butanone	6.984	43	3671	8.435	ug/l #	81
29) Tetrahydrofuran	7.368	42	648	2.256	ug/l #	32
31) Cyclohexane	7.789	56	3647	Below Cal	#	20
36) 1,1-Dichloropropene	7.783	75	14129	5.396	ug/l #	48
38) Carbon Tetrachloride	7.783	117	17885	6.251	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	59706	60.323	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	59706	116.221	ug/l #	16

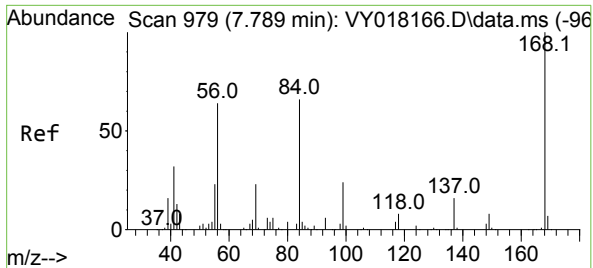
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
Data File : VY018208.D
Acq On : 09 May 2024 13:44
Operator : SY/MD
Sample : P2423-03
Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/A
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 10 01:17:24 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

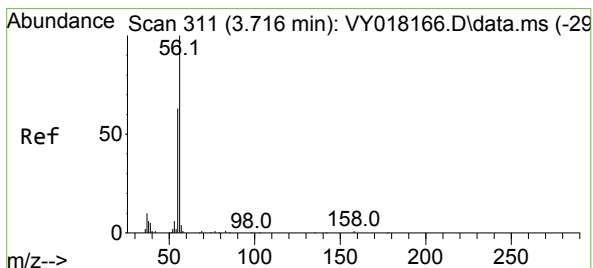
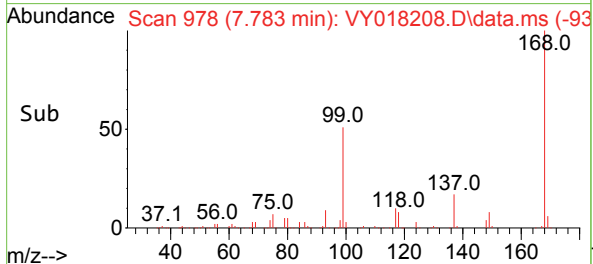
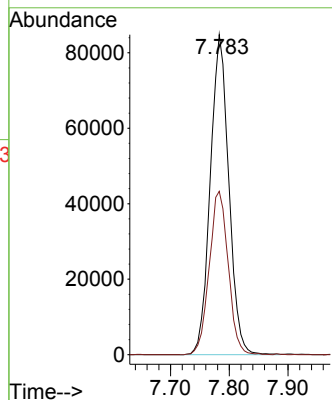
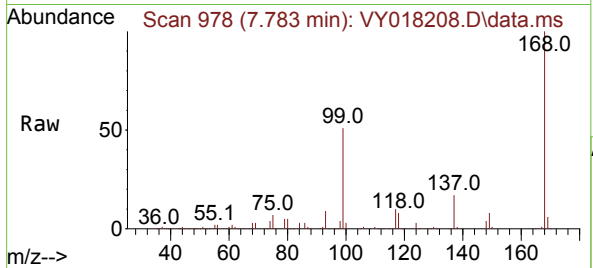




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

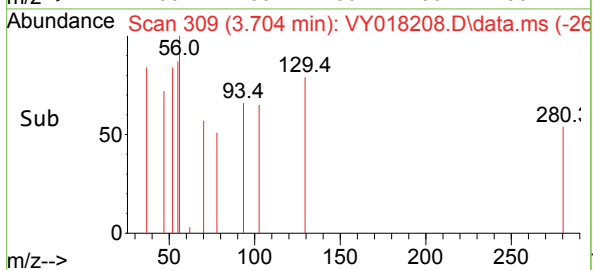
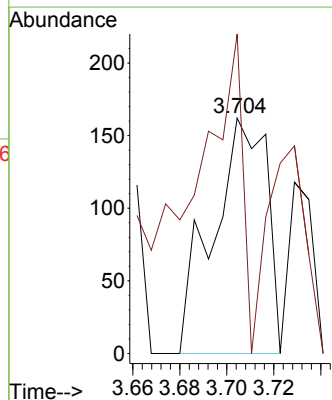
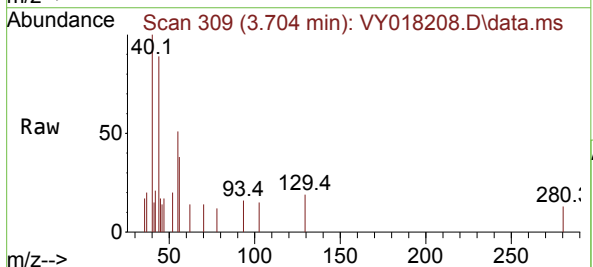
Instrument :
MSVOA_Y
ClientSampleId :

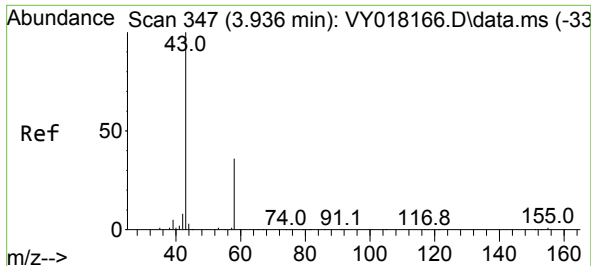
Tgt Ion:168 Resp: 185458
Ion Ratio Lower Upper
168 100
99 51.1 39.1 58.7



#13
Acrolein
Concen: Below Cal
RT: 3.704 min Scan# 309
Delta R.T. -0.012 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

Tgt Ion: 56 Resp: 258
Ion Ratio Lower Upper
56 100
55 116.7 55.7 83.5#





#16

Acetone

Concen: 45.146 ug/l

RT: 3.936 min Scan# 347

Delta R.T. 0.000 min

Lab File: VY018208.D

Acq: 09 May 2024 13:44

Instrument :

MSVOA_Y

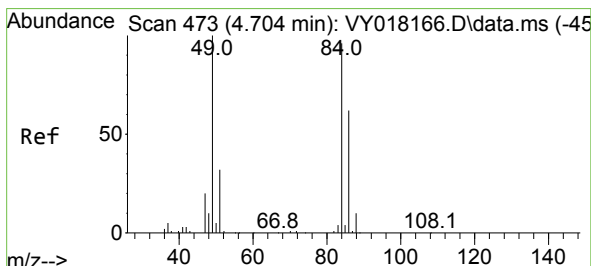
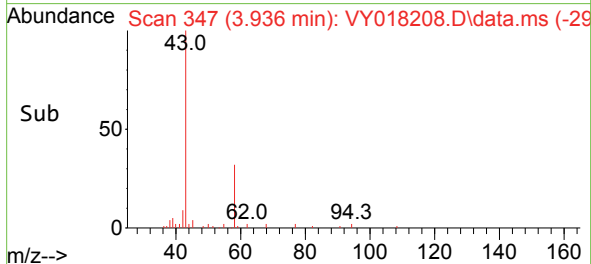
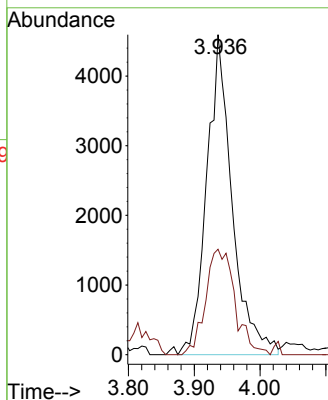
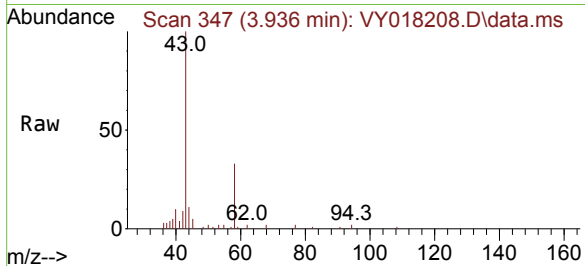
ClientSampleId :

Tgt Ion: 43 Resp: 12292

Ion Ratio Lower Upper

43 100

58 33.0 31.7 47.5



#20

Methylene Chloride

Concen: 6.934 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018208.D

Acq: 09 May 2024 13:44

Tgt Ion: 84 Resp: 13344

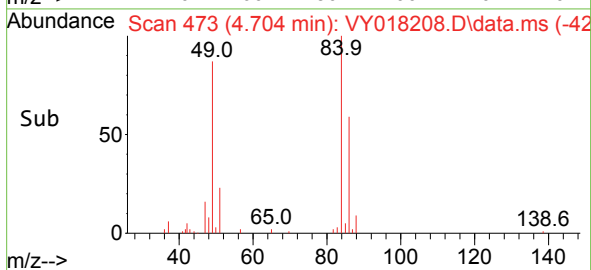
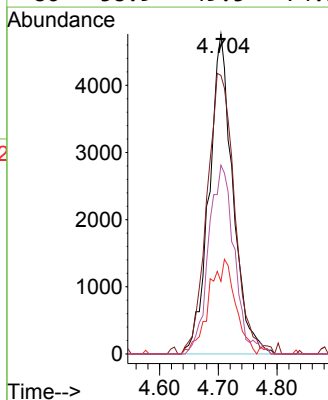
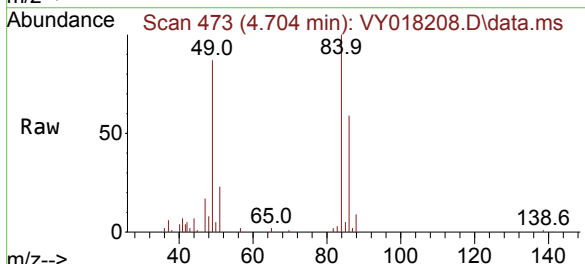
Ion Ratio Lower Upper

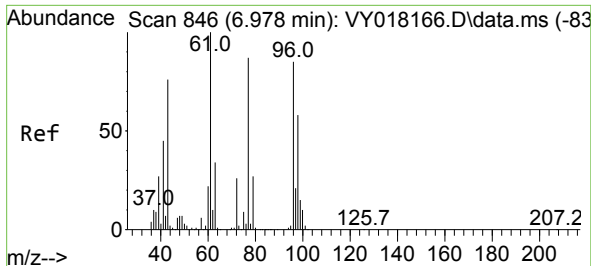
84 100

49 85.5 84.4 126.6

51 22.7 26.0 39.0#

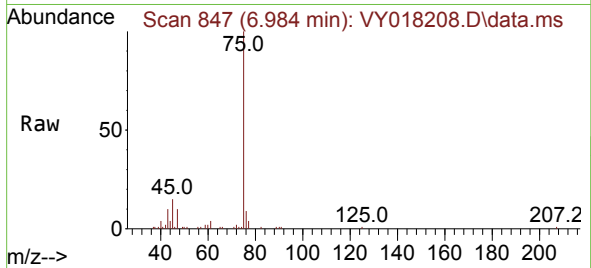
86 58.9 49.5 74.3



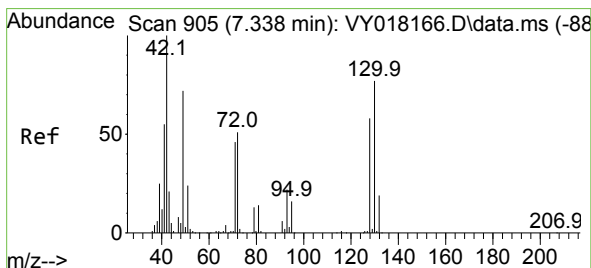
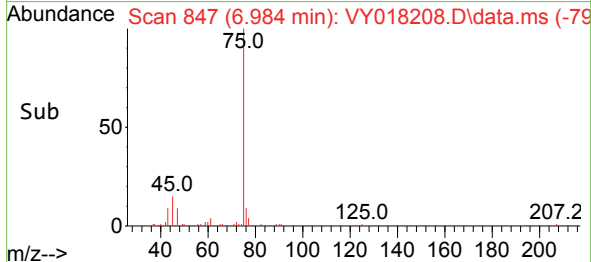
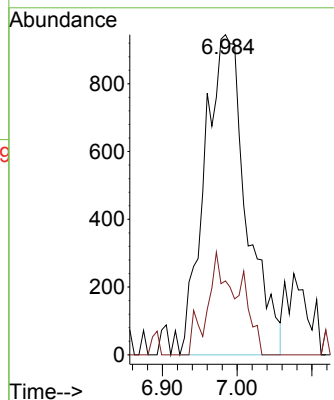


#25
2-Butanone
Concen: 8.435 ug/l
RT: 6.984 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

Instrument :
MSVOA_Y
ClientSampleId :

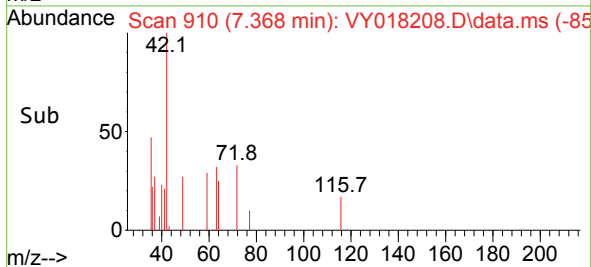
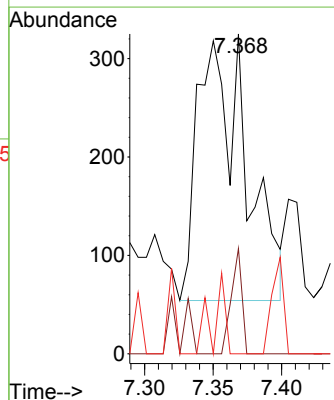
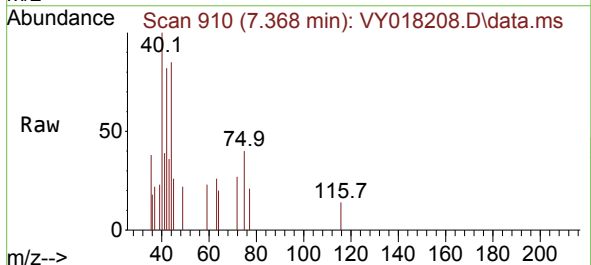


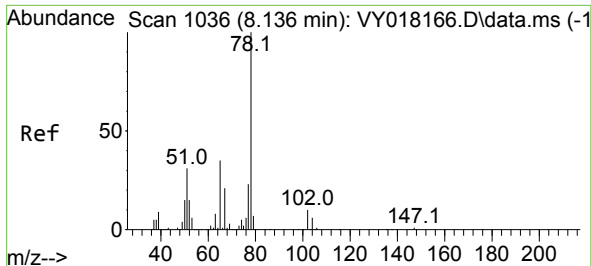
Tgt Ion: 43 Resp: 3671
Ion Ratio Lower Upper
43 100
72 23.1 27.3 40.9#



#29
Tetrahydrofuran
Concen: 2.256 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.031 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

Tgt Ion: 42 Resp: 648
Ion Ratio Lower Upper
42 100
72 8.8 43.0 64.4#
71 0.0 40.8 61.2#





#33

1,2-Dichloroethane-d4

Concen: 66.639 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018208.D

Acq: 09 May 2024 13:44

Instrument :

MSVOA_Y

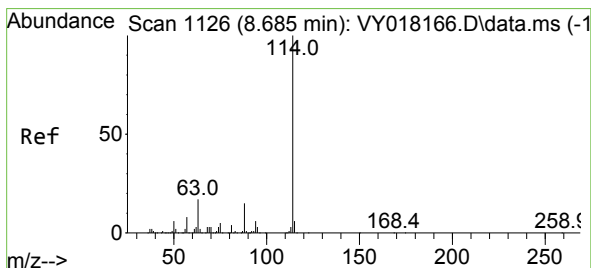
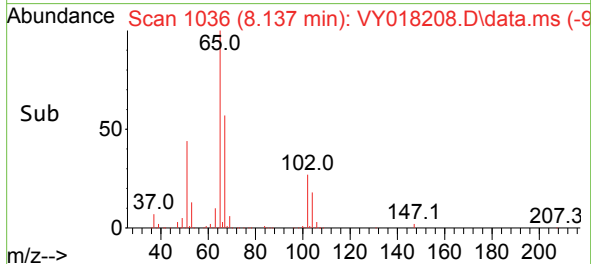
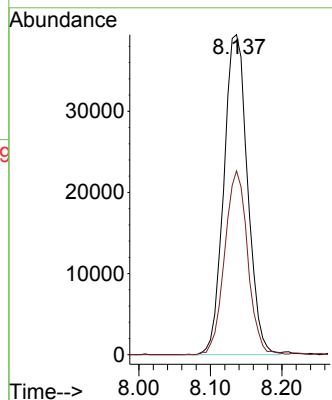
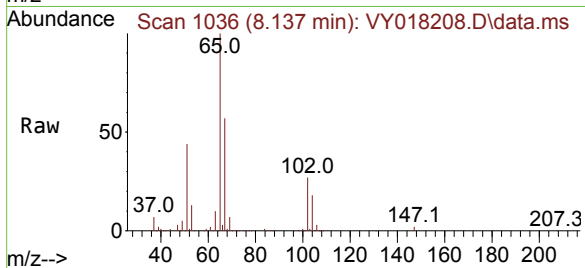
ClientSampleId :

Tgt Ion: 65 Resp: 90919

Ion Ratio Lower Upper

65 100

67 55.8 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: VY018208.D

Acq: 09 May 2024 13:44

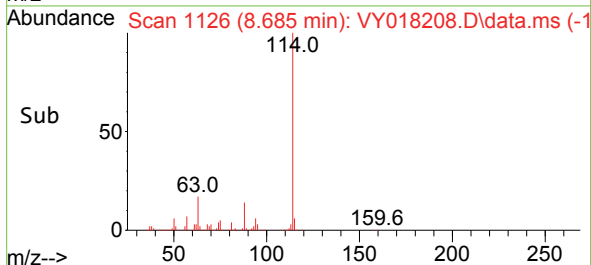
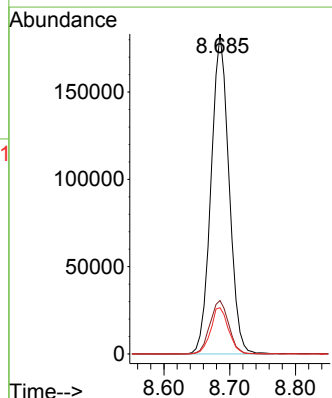
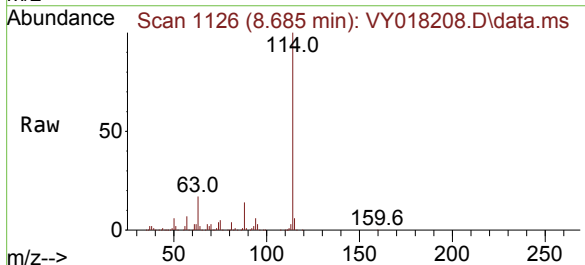
Tgt Ion: 114 Resp: 347566

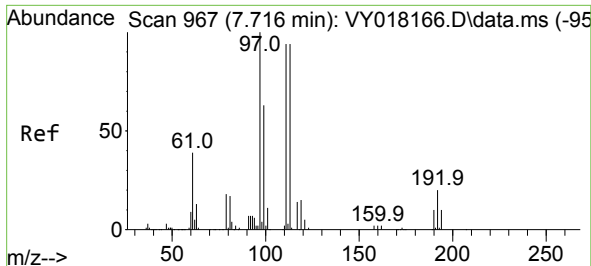
Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 14.4 0.0 27.2

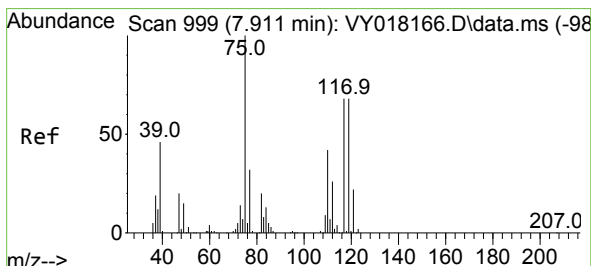
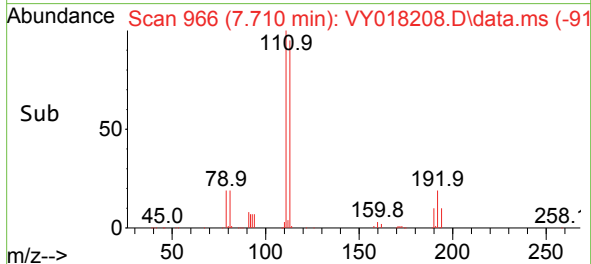
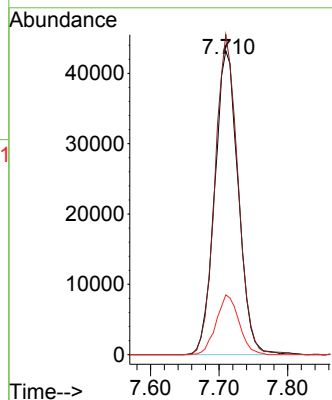
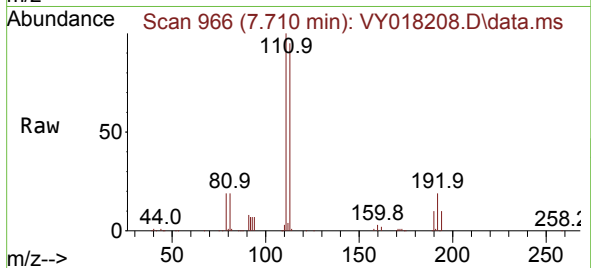




#35
Dibromofluoromethane
Concen: 56.401 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

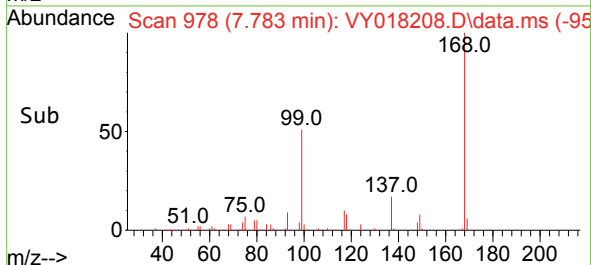
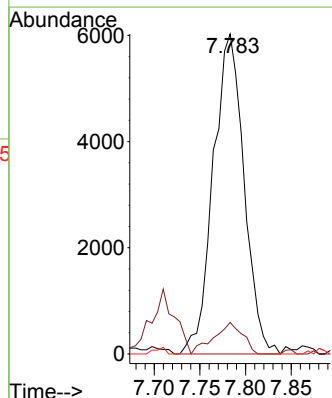
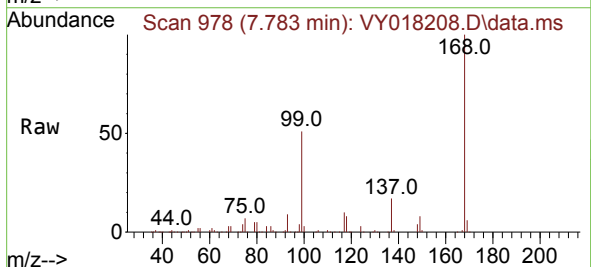
Instrument :
MSVOA_Y
ClientSampleId :

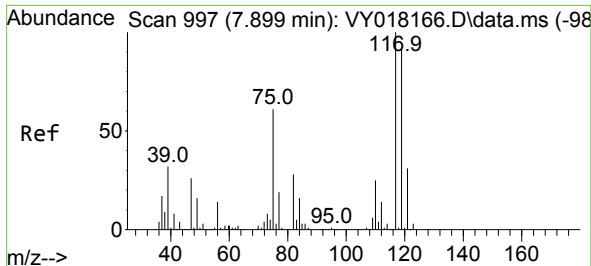
Tgt Ion:113 Resp: 103023
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 19.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.396 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

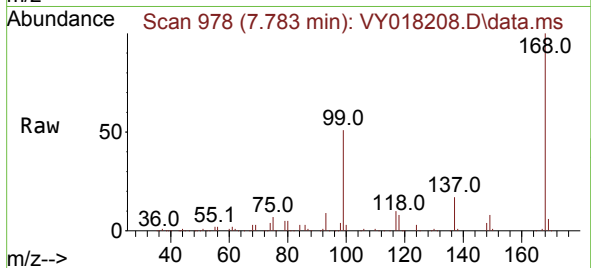
Tgt Ion: 75 Resp: 14129
Ion Ratio Lower Upper
75 100
110 9.2 19.0 57.0#
77 0.0 25.3 37.9#



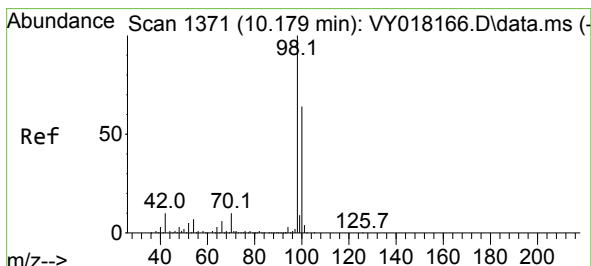
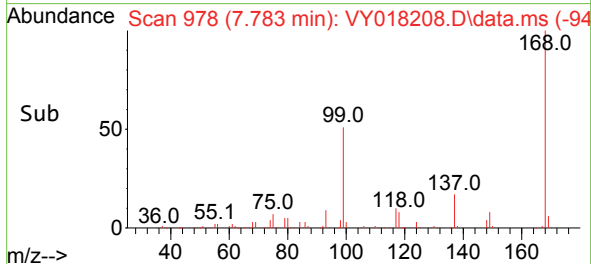
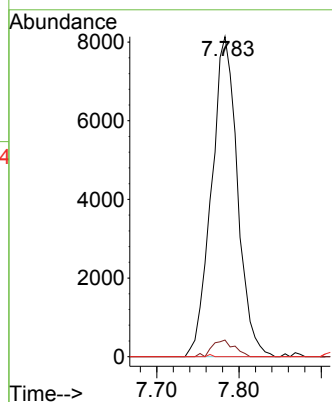


#38
Carbon Tetrachloride
Concen: 6.251 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

Instrument :
MSVOA_Y
ClientSampleId :

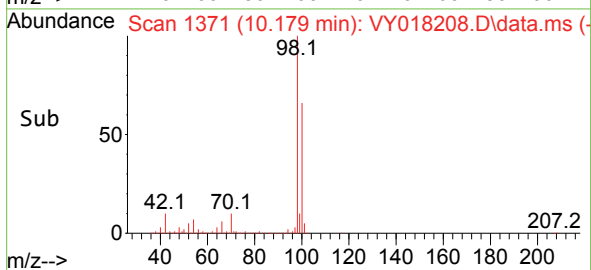
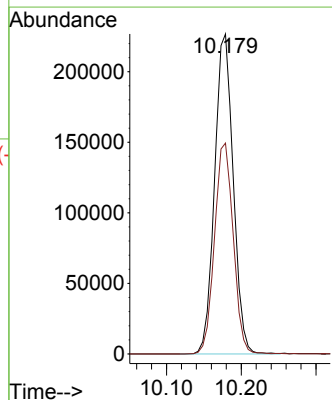
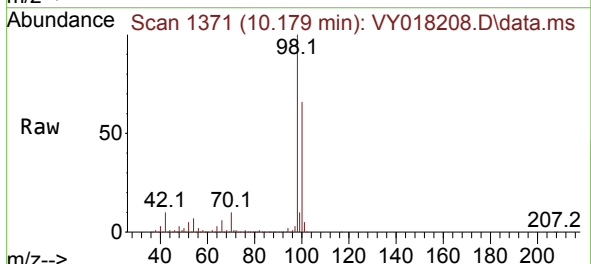


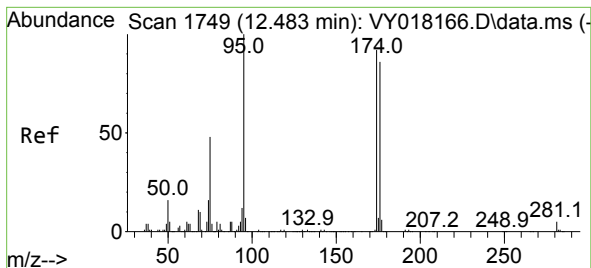
Tgt Ion:117 Resp: 17885
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.6#
121 0.0 24.0 36.0#



#50
Toluene-d8
Concen: 54.576 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

Tgt Ion: 98 Resp: 392842
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0

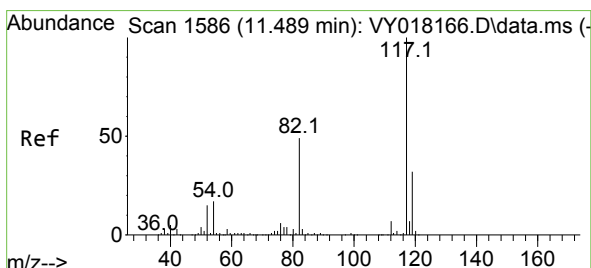
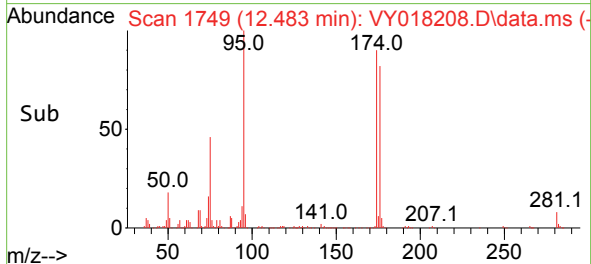
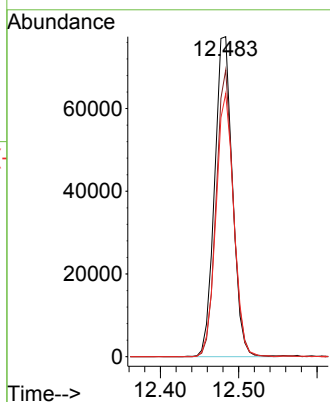
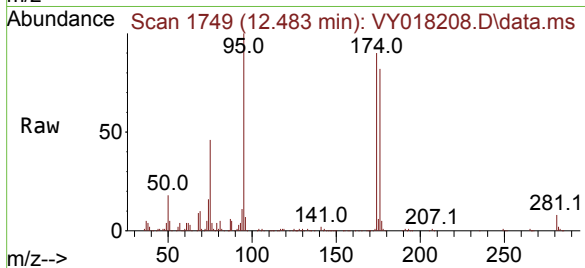




#62
4-Bromofluorobenzene
Concen: 52.916 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

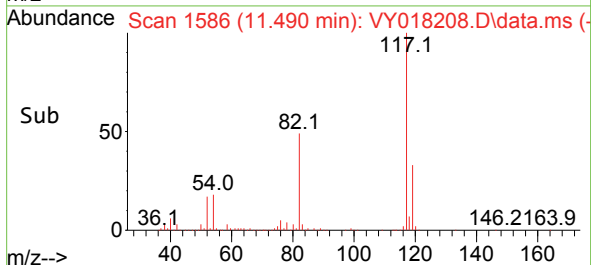
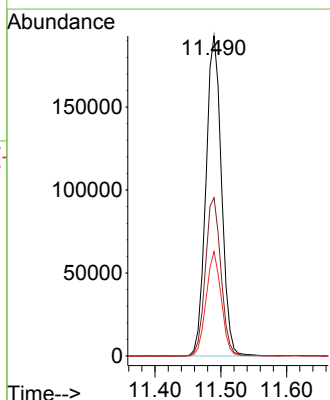
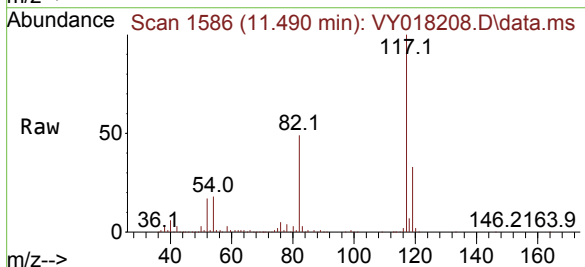
Instrument :
MSVOA_Y
ClientSampleId :

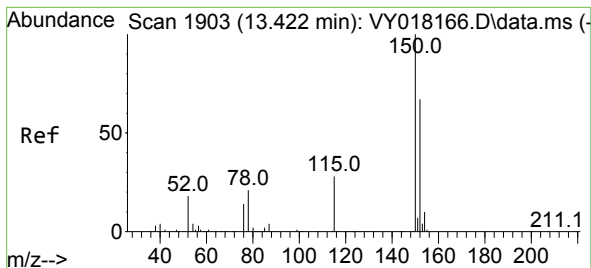
Tgt Ion: 95 Resp: 123005
Ion Ratio Lower Upper
95 100
174 85.6 0.0 175.6
176 82.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018208.D
Acq: 09 May 2024 13:44

Tgt Ion: 117 Resp: 317899
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 32.6 25.9 38.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY018208.D

Acq: 09 May 2024 13:44

Instrument :

MSVOA_Y

ClientSampleId :

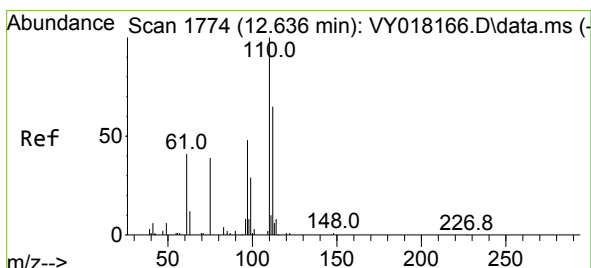
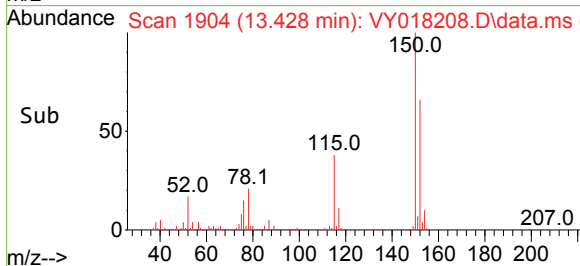
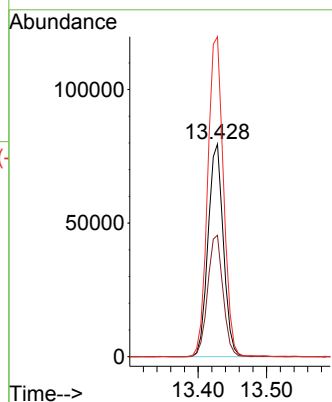
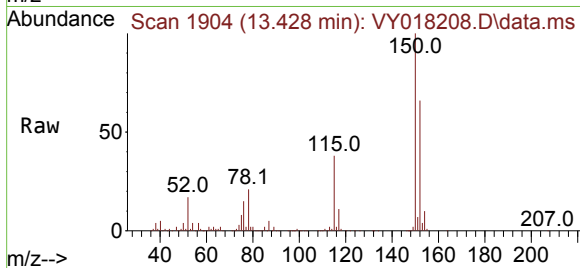
Tgt Ion:152 Resp: 123655

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 155.1 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 60.323 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.158 min

Lab File: VY018208.D

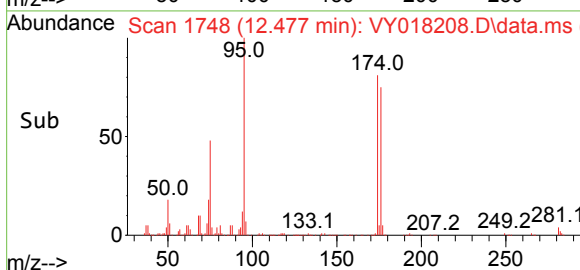
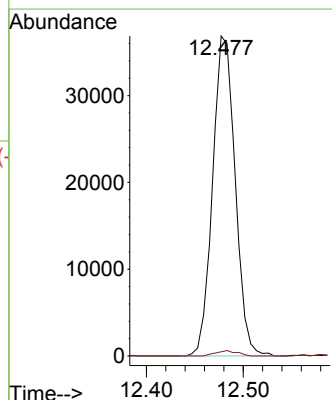
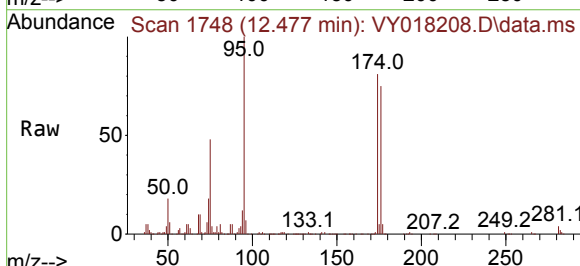
Acq: 09 May 2024 13:44

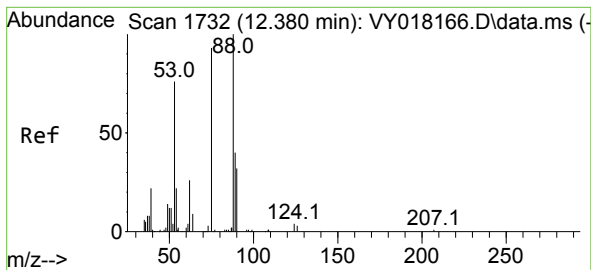
Tgt Ion: 75 Resp: 59706

Ion Ratio Lower Upper

75 100

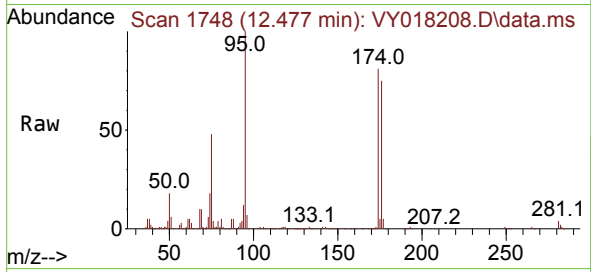
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.221 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018208.D
 Acq: 09 May 2024 13:44

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	59706
Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.3	35.8	53.6#

