

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018326.D
 Acq On : 20 May 2024 11:39
 Operator : SY/MD
 Sample : P2482-03
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-02-229

Quant Time: May 21 01:22:18 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)

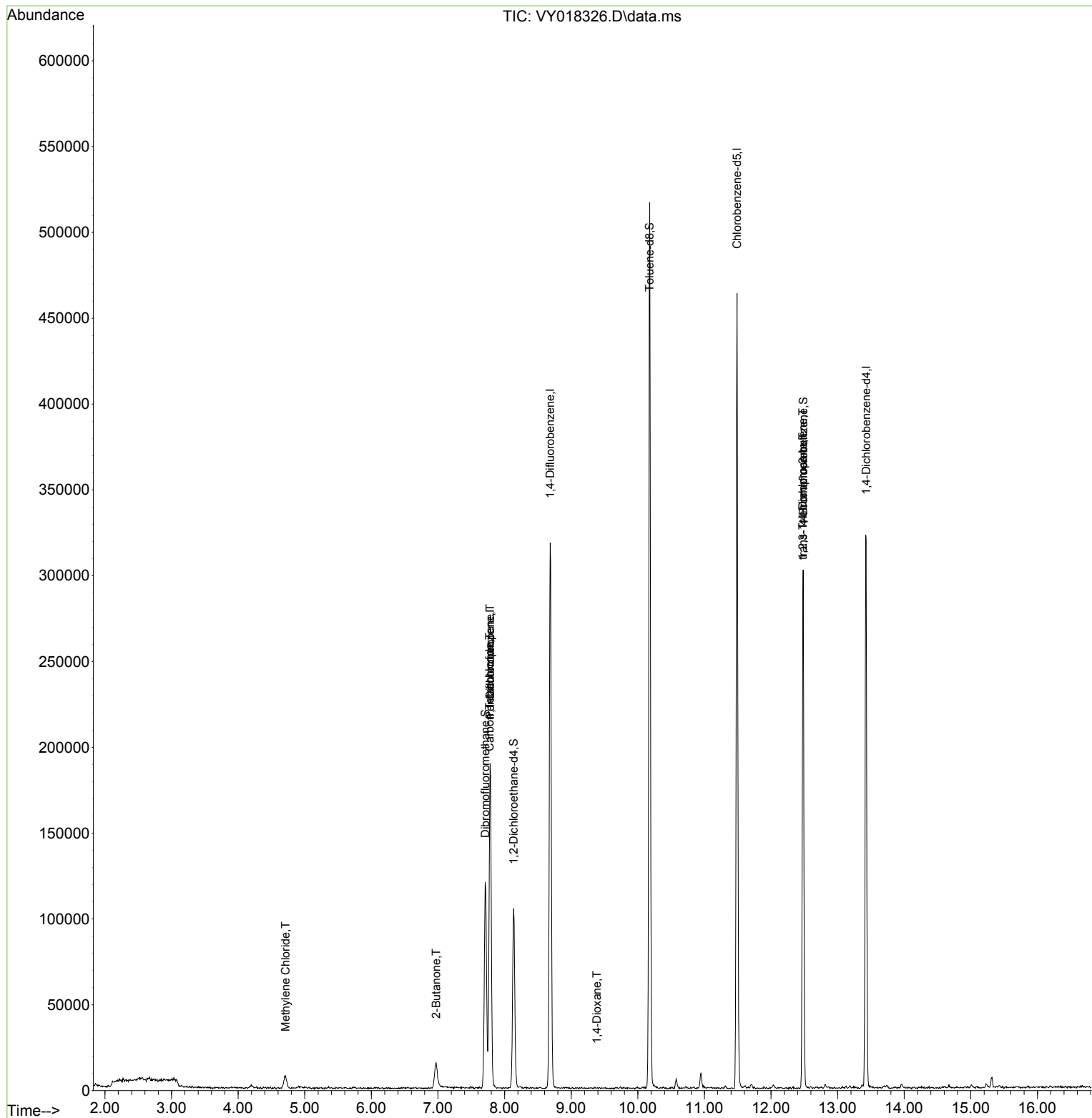
Internal Standards						
1) Pentafluorobenzene	7.783	168	145256	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	290504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	248818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77374	72.407	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 144.820%			
35) Dibromofluoromethane	7.710	113	85292	55.866	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.740%			
50) Toluene-d8	10.179	98	337783	56.145	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 112.280%			
62) 4-Bromofluorobenzene	12.483	95	94213	48.491	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.980%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.899	59	746	Below Cal	#	88
13) Acrolein	3.729	56	129	Below Cal		83
20) Methylene Chloride	4.710	84	5304	3.519	ug/l	93
25) 2-Butanone	6.972	43	1239	3.635	ug/l #	41
31) Cyclohexane	7.783	56	3251	Below Cal	#	1
36) 1,1-Dichloropropene	7.783	75	12447	5.687	ug/l #	49
38) Carbon Tetrachloride	7.777	117	14712	6.152	ug/l #	15
49) 1,4-Dioxane	9.386	88	29	2.469	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	49457	75.037	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	49457	144.571	ug/l #	16

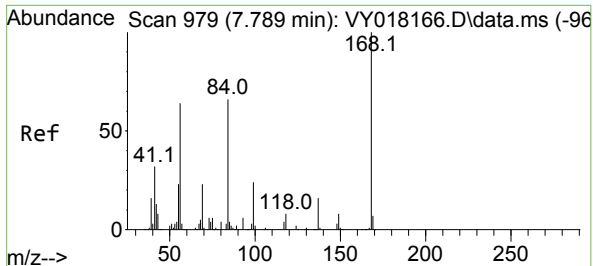
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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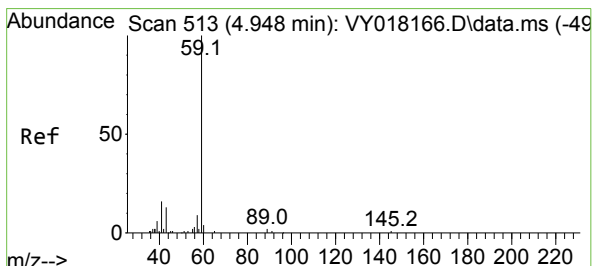
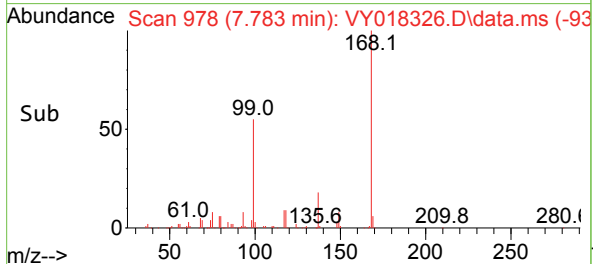
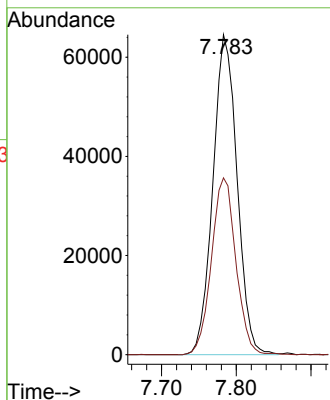
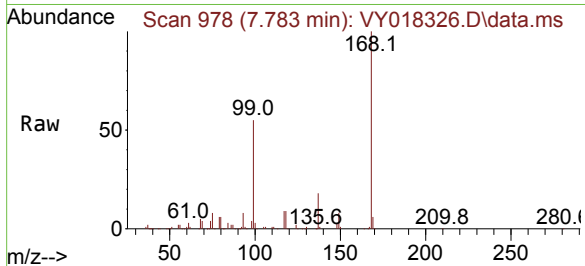




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018326.D
Acq: 20 May 2024 11:39

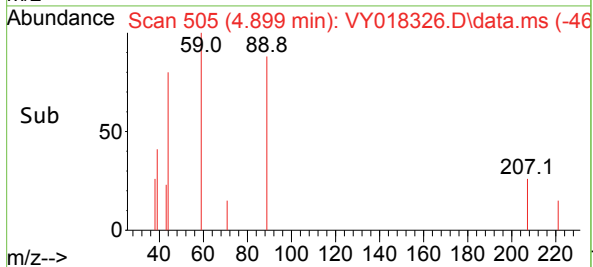
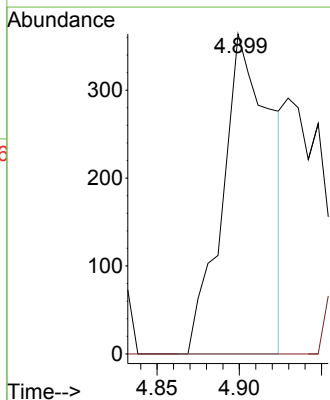
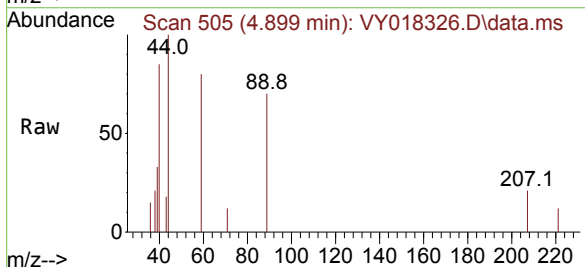
Instrument :
MSVOA_Y
ClientSampleId :
SW-02-229

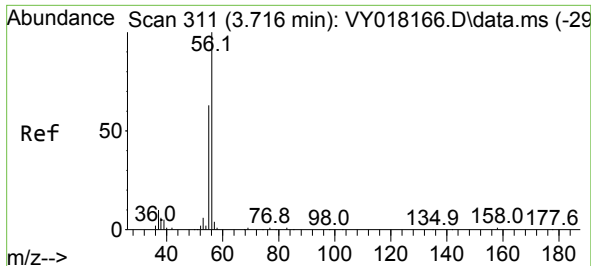
Tgt Ion:168 Resp: 145256
Ion Ratio Lower Upper
168 100
99 55.2 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.899 min Scan# 505
Delta R.T. -0.049 min
Lab File: VY018326.D
Acq: 20 May 2024 11:39

Tgt Ion: 59 Resp: 746
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

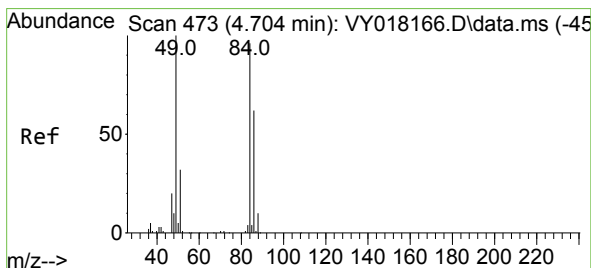
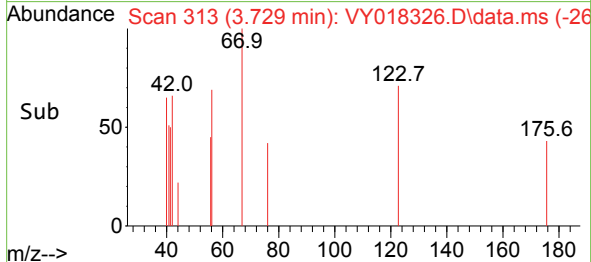
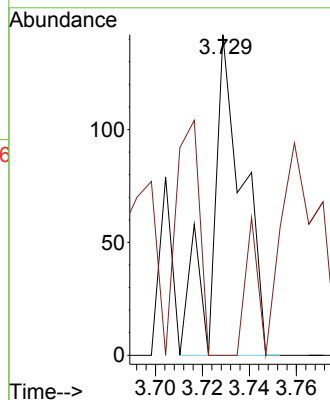
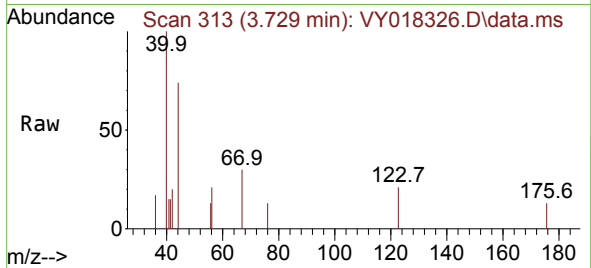




#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 311
Delta R.T. 0.013 min
Lab File: VY018326.D
Acq: 20 May 2024 11:39

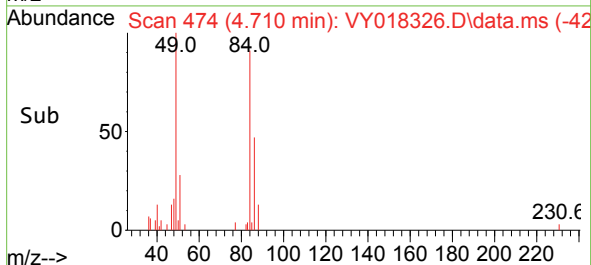
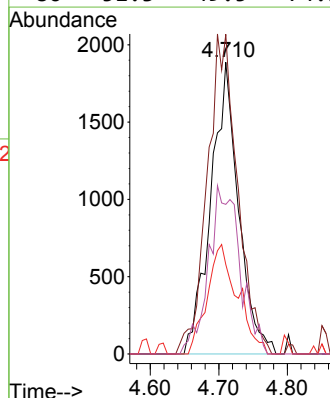
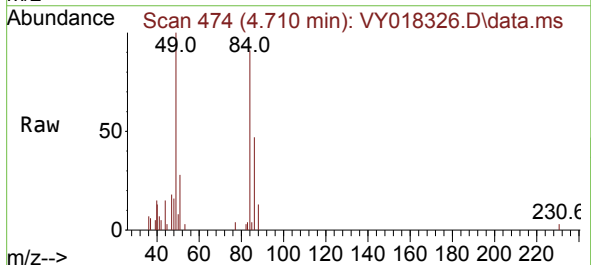
Instrument :
MSVOA_Y
ClientSampleId :
SW-02-229

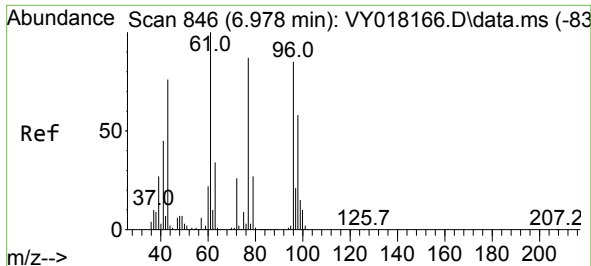
Tgt Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
55 55.8 55.7 83.5



#20
Methylene Chloride
Concen: 3.519 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY018326.D
Acq: 20 May 2024 11:39

Tgt Ion: 84 Resp: 5304
Ion Ratio Lower Upper
84 100
49 109.6 84.4 126.6
51 30.7 26.0 39.0
86 51.3 49.5 74.3

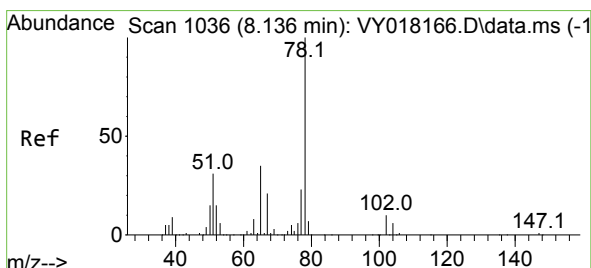
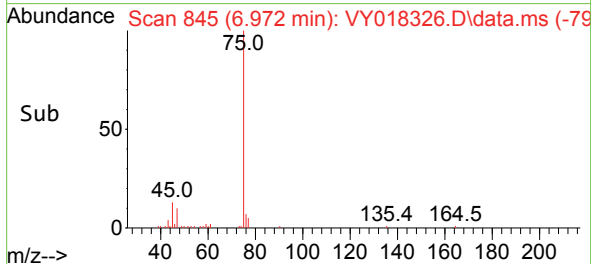
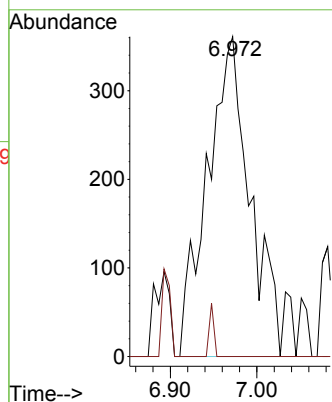
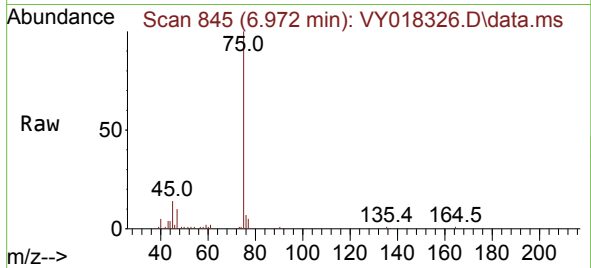




#25
2-Butanone
Concen: 3.635 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY018326.D
Acq: 20 May 2024 11:39

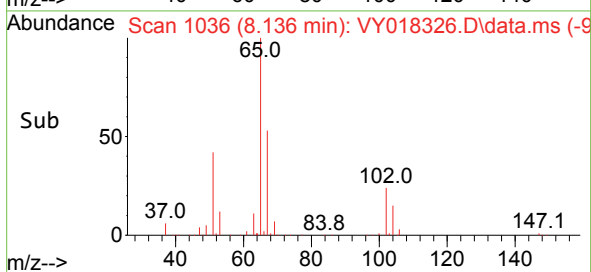
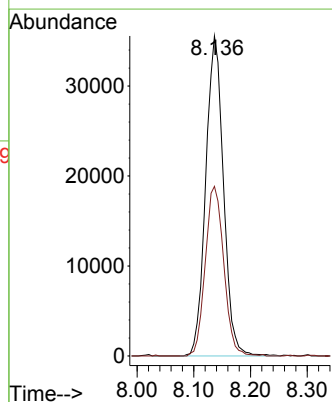
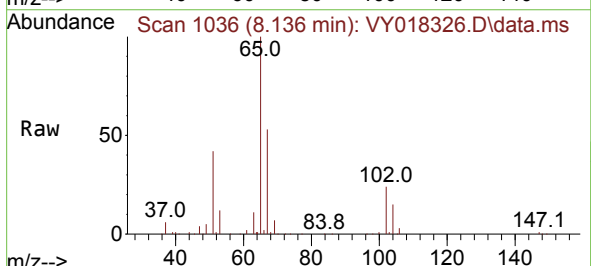
Instrument :
MSVOA_Y
ClientSampleId :
SW-02-229

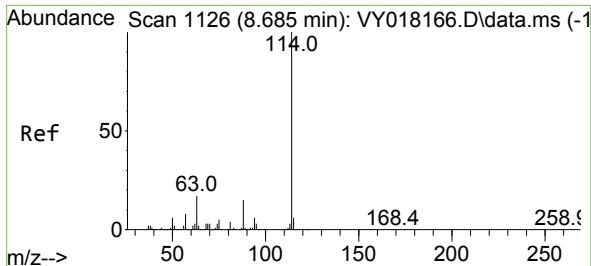
Tgt Ion: 43 Resp: 1239
Ion Ratio Lower Upper
43 100
72 0.0 27.3 40.9#



#33
1,2-Dichloroethane-d4
Concen: 72.407 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018326.D
Acq: 20 May 2024 11:39

Tgt Ion: 65 Resp: 77374
Ion Ratio Lower Upper
65 100
67 55.2 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: VY018326.D

Acq: 20 May 2024 11:39

Instrument :

MSVOA_Y

ClientSampleId :

SW-02-229

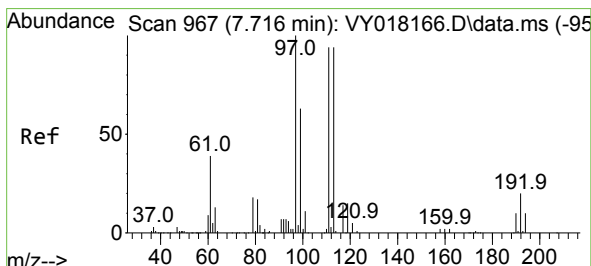
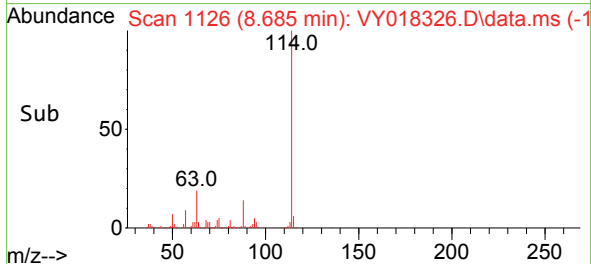
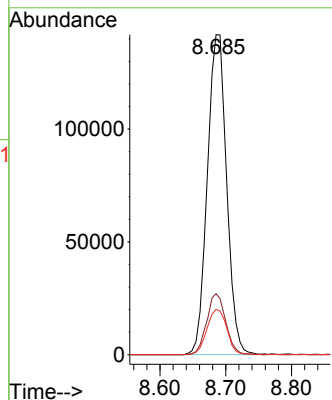
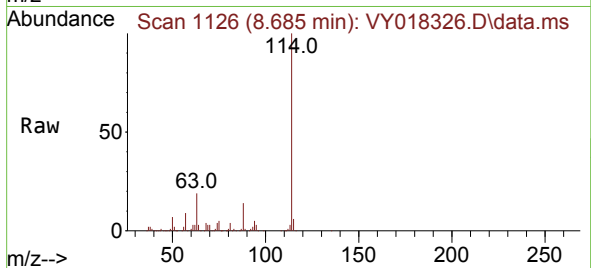
Tgt Ion:114 Resp: 290504

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 55.866 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY018326.D

Acq: 20 May 2024 11:39

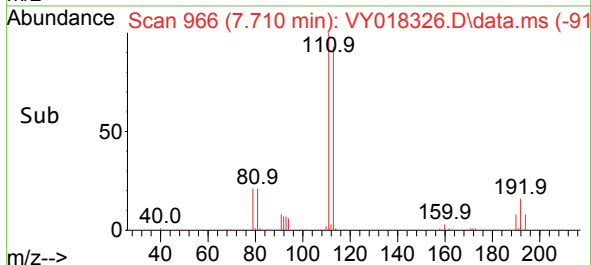
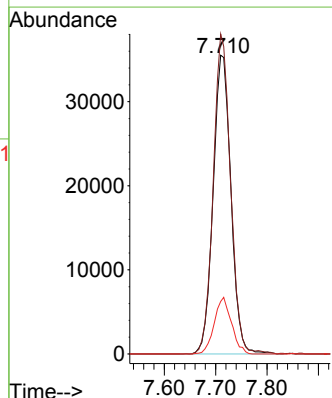
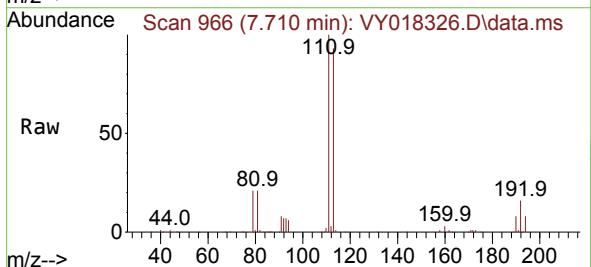
Tgt Ion:113 Resp: 85292

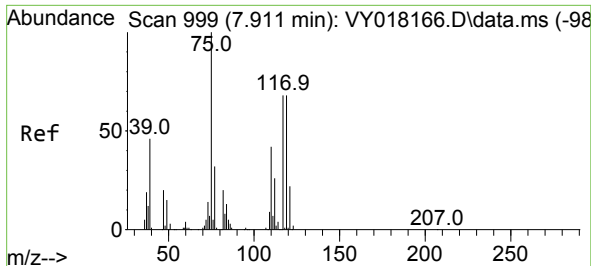
Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.4

192 18.4 15.9 23.9





#36

1,1-Dichloropropene

Concen: 5.687 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY018326.D

Acq: 20 May 2024 11:39

Instrument :

MSVOA_Y

ClientSampleId :

SW-02-229

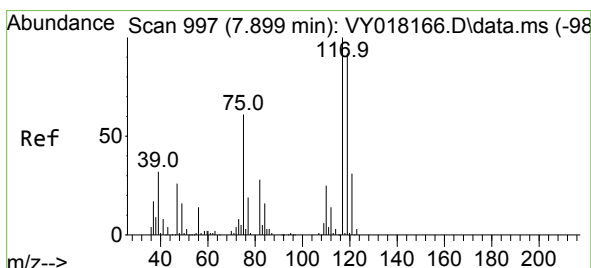
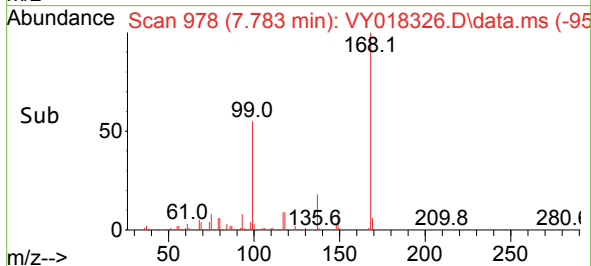
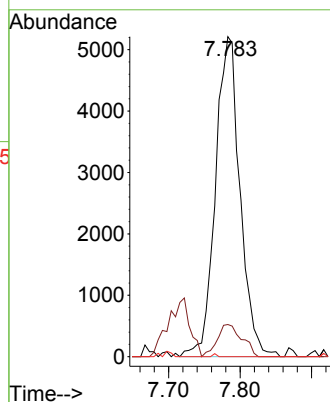
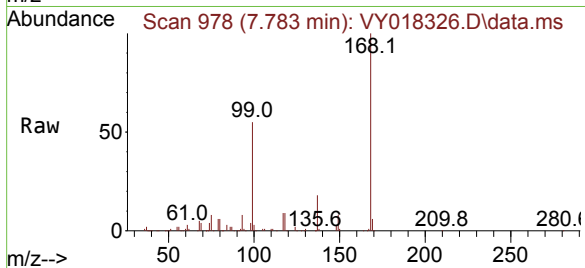
Tgt Ion: 75 Resp: 12447

Ion Ratio Lower Upper

75 100

110 9.9 19.0 57.0#

77 0.2 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.152 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.122 min

Lab File: VY018326.D

Acq: 20 May 2024 11:39

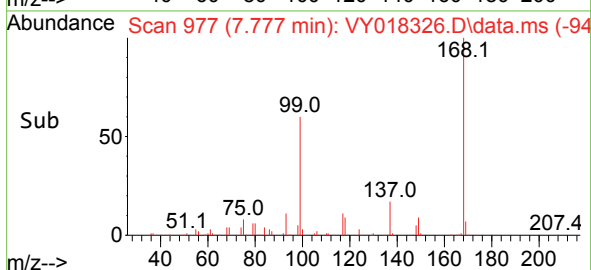
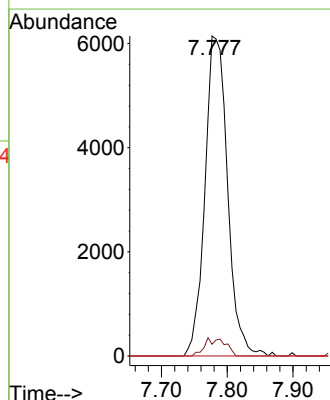
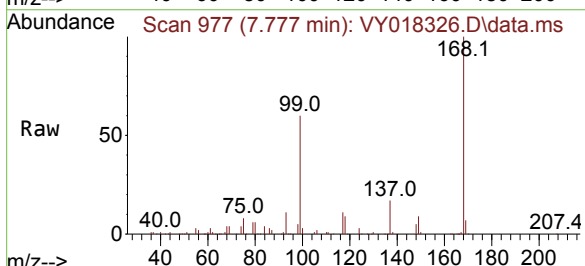
Tgt Ion: 117 Resp: 14712

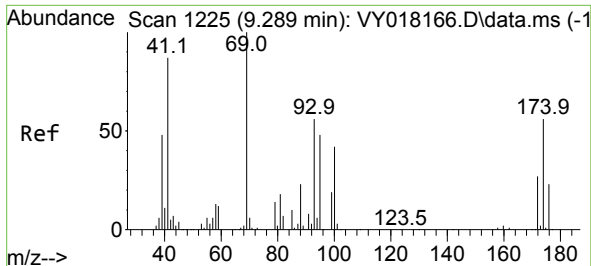
Ion Ratio Lower Upper

117 100

119 3.7 75.8 113.6#

121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 2.469 ug/l

RT: 9.386 min Scan# 1225

Delta R.T. 0.098 min

Lab File: VY018326.D

Acq: 20 May 2024 11:39

Instrument :

MSVOA_Y

ClientSampleId :

SW-02-229

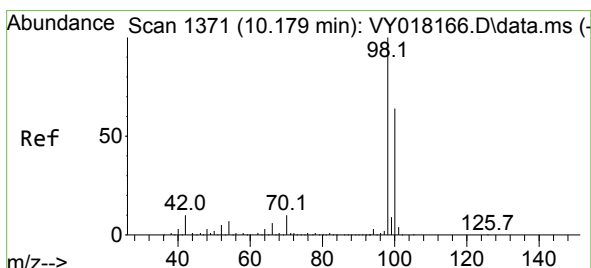
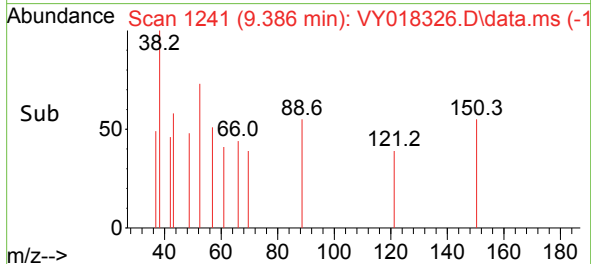
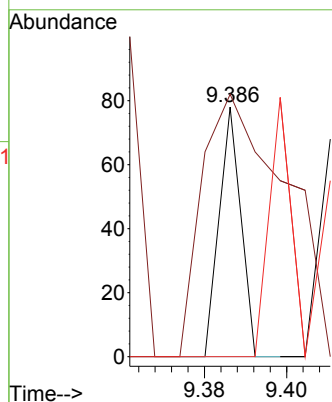
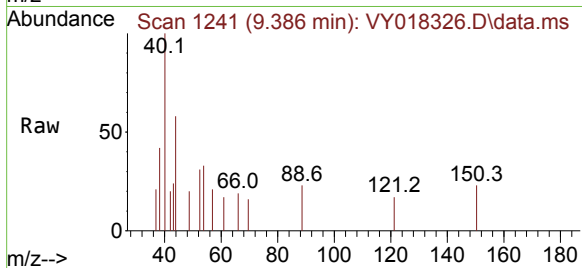
Tgt Ion: 88 Resp: 29

Ion Ratio Lower Upper

88 100

43 400.0 0.0 0.0#

58 172.4 49.3 73.9#



#50

Toluene-d8

Concen: 56.145 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018326.D

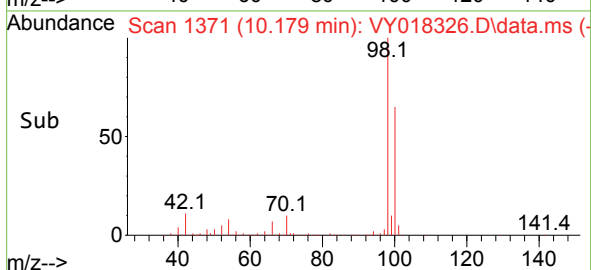
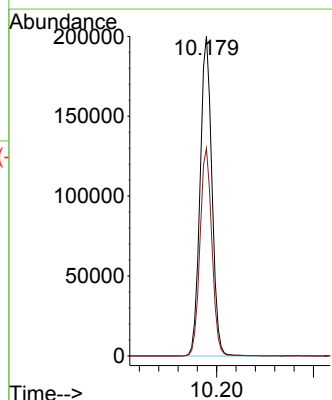
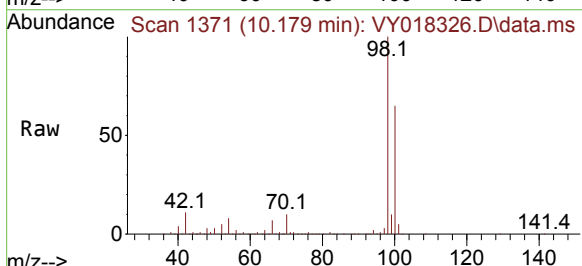
Acq: 20 May 2024 11:39

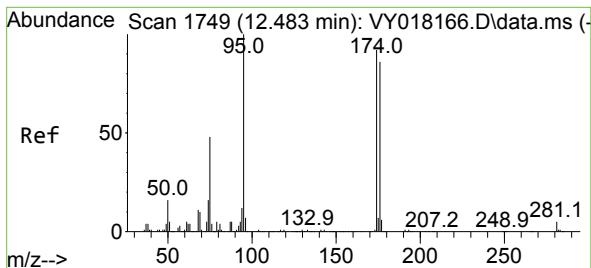
Tgt Ion: 98 Resp: 337783

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

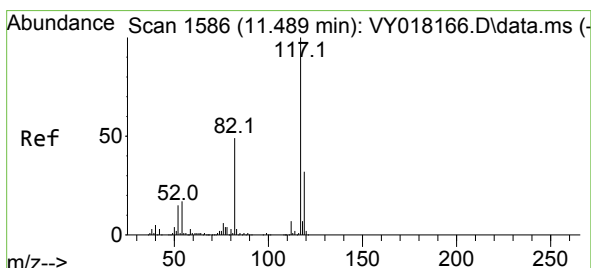
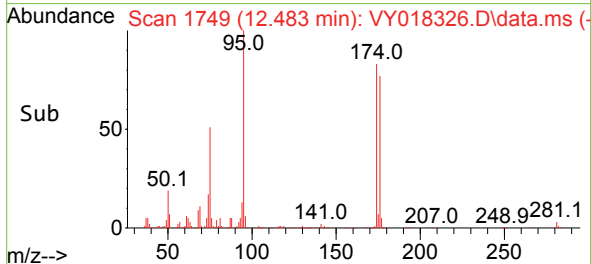
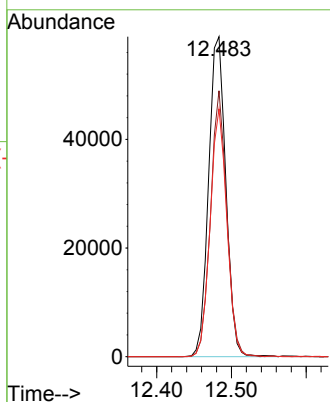
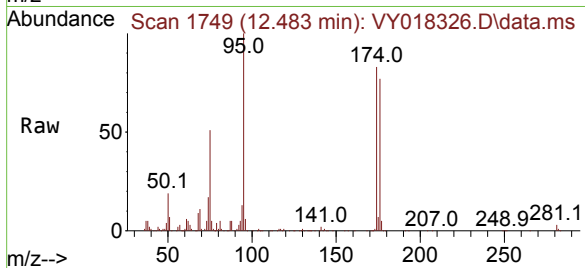




#62
4-Bromofluorobenzene
Concen: 48.491 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018326.D
Acq: 20 May 2024 11:39

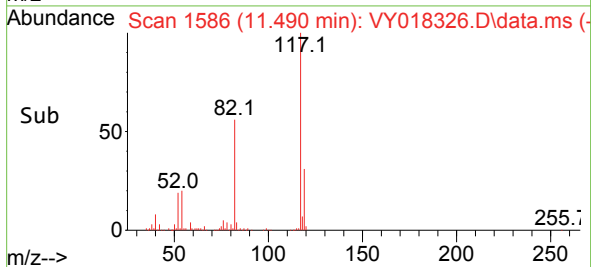
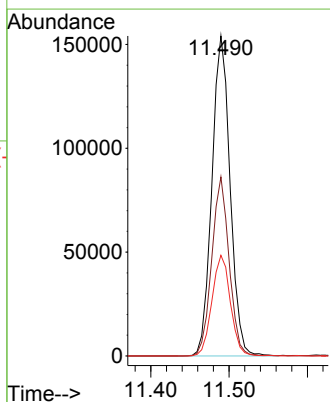
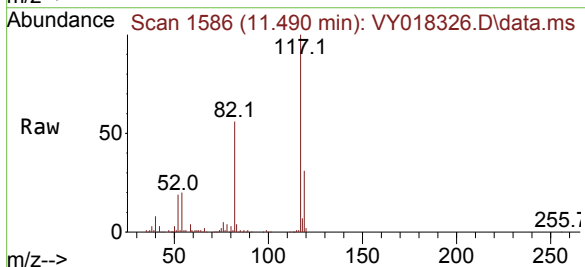
Instrument :
MSVOA_Y
ClientSampleId :
SW-02-229

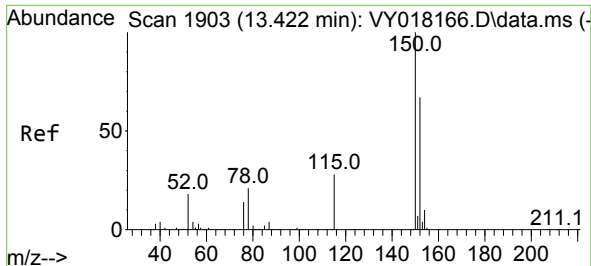
Tgt Ion: 95 Resp: 94213
Ion Ratio Lower Upper
95 100
174 78.7 0.0 175.6
176 75.1 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018326.D
Acq: 20 May 2024 11:39

Tgt Ion: 117 Resp: 248818
Ion Ratio Lower Upper
117 100
82 56.0 42.4 63.6
119 31.5 25.9 38.9

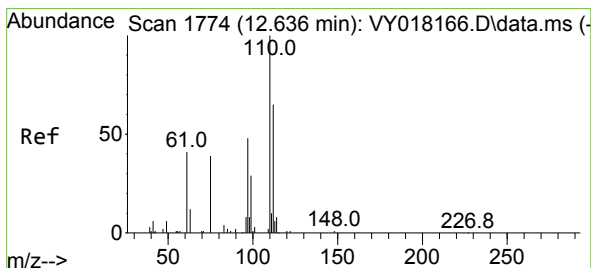
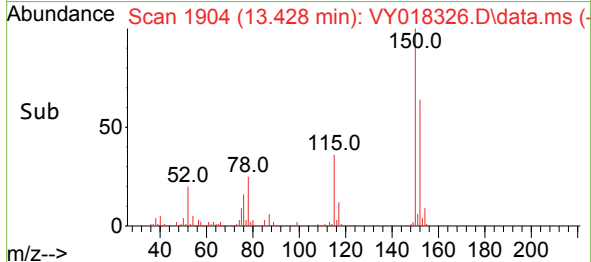
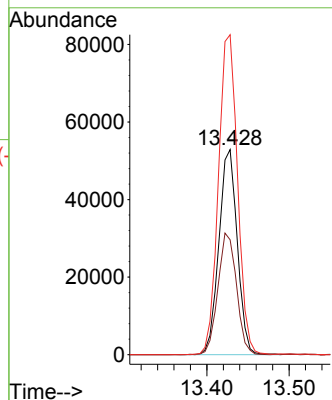
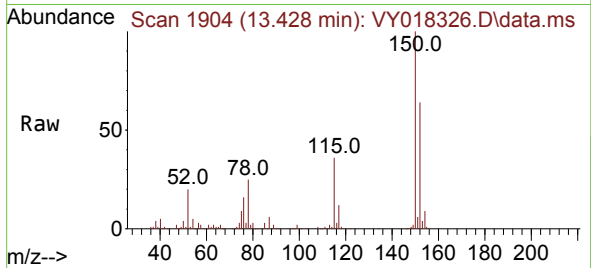




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY018326.D
Acq: 20 May 2024 11:39

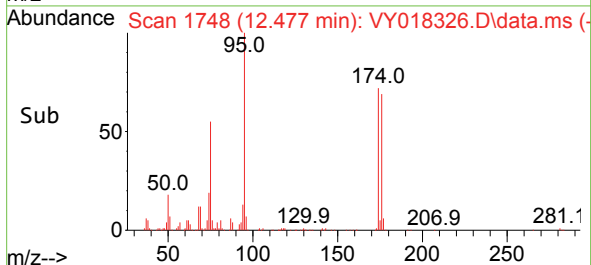
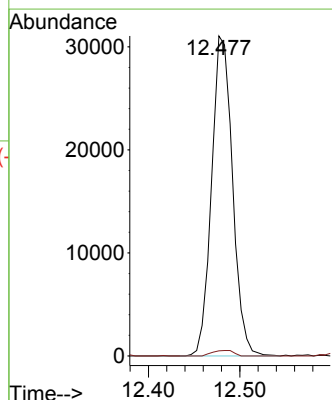
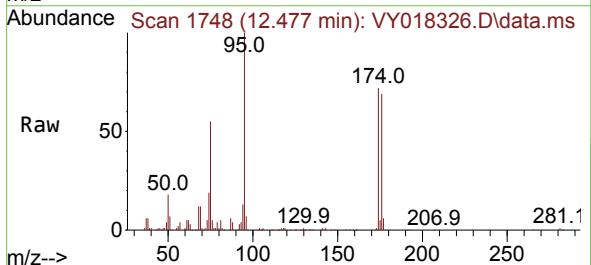
Instrument :
MSVOA_Y
ClientSampleId :
SW-02-229

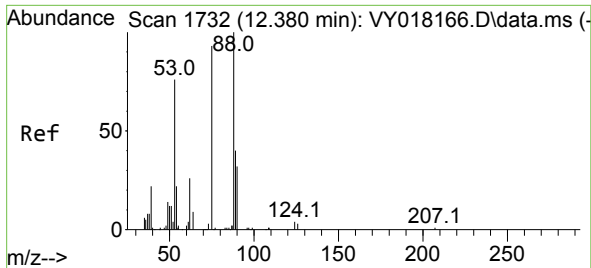
Tgt Ion:152 Resp: 82343
Ion Ratio Lower Upper
152 100
115 59.9 28.2 84.7
150 161.9 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 75.037 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.158 min
Lab File: VY018326.D
Acq: 20 May 2024 11:39

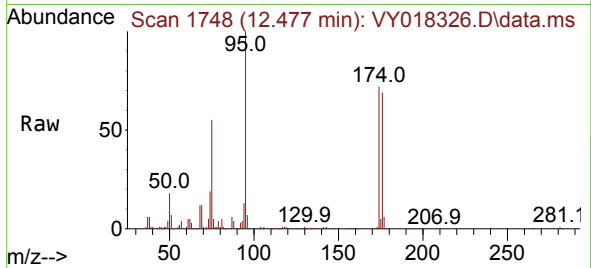
Tgt Ion: 75 Resp: 49457
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 144.571 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.098 min
 Lab File: VY018326.D
 Acq: 20 May 2024 11:39

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-02-229



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.8	100.2#
89	0.0	35.8	53.6#

