

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060524\
 Data File : VY018492.D
 Acq On : 05 Jun 2024 18:14
 Operator : SY/MD
 Sample : P2686-07
 Misc : 6.41g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 06 05:58:49 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

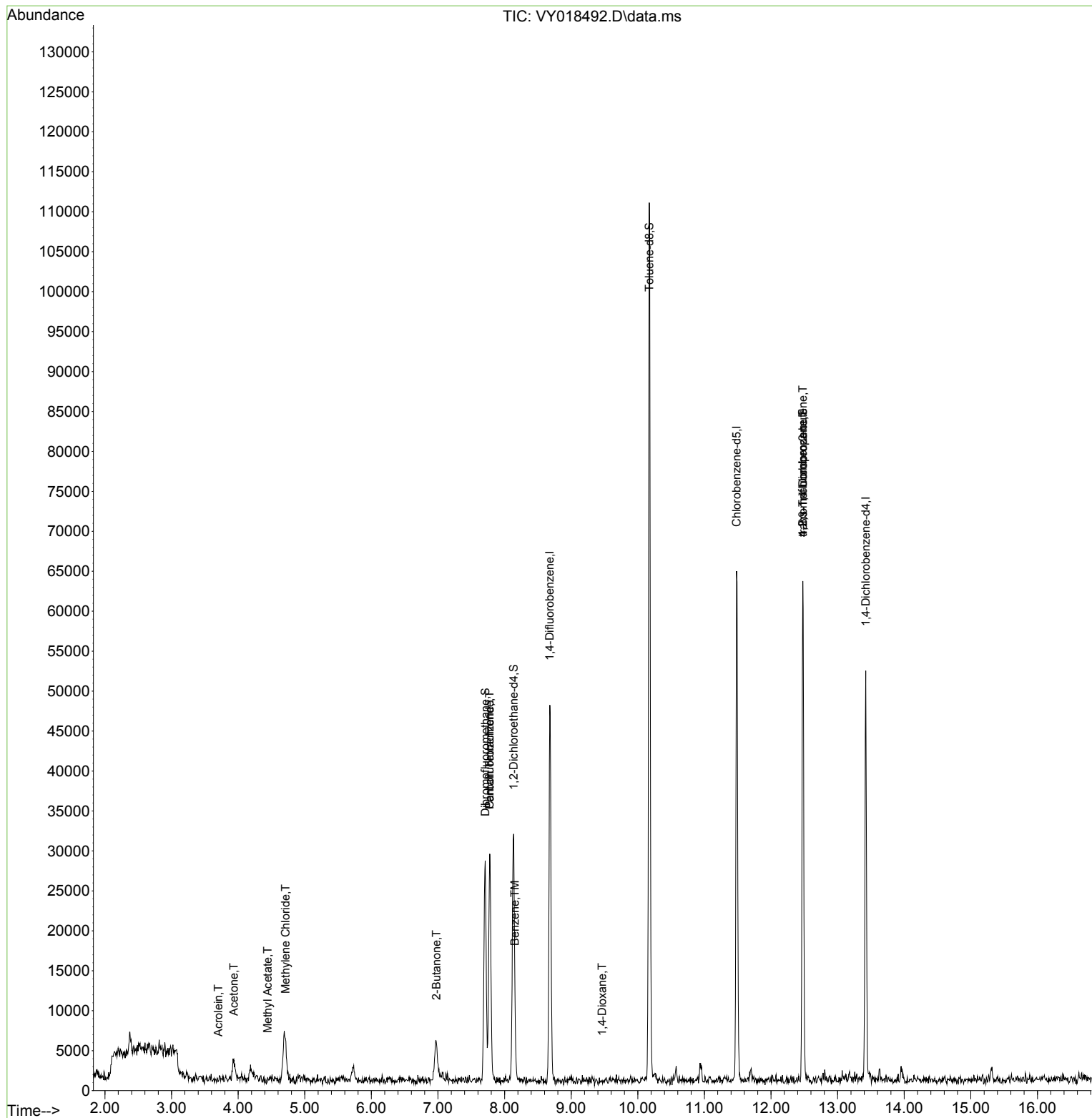
Internal Standards						
1) Pentafluorobenzene	7.777	168	19409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	38305	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	34149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	11707	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	22343	58.618	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.240%			
35) Dibromofluoromethane	7.710	113	19122	39.367	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 78.740%			
50) Toluene-d8	10.173	98	69005	35.710	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 71.420%			
62) 4-Bromofluorobenzene	12.477	95	19287	32.057	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 64.120%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.917	59	466	Below Cal	#	50
13) Acrolein	3.704	56	94	2.409	ug/l	93
16) Acetone	3.936	43	4009	47.388	ug/l #	86
18) Methyl Acetate	4.442	43	213	1.007	ug/l #	63
20) Methylene Chloride	4.710	84	4207	6.050	ug/l #	81
25) 2-Butanone	6.978	43	1426	11.003	ug/l #	73
38) Carbon Tetrachloride	7.777	117	2406	3.242	ug/l #	13
40) Benzene	8.155	78	2428	1.094	ug/l #	75
49) 1,4-Dioxane	9.465	88	35	9.160	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	10909	75.147	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	10909	157.880	ug/l #	16

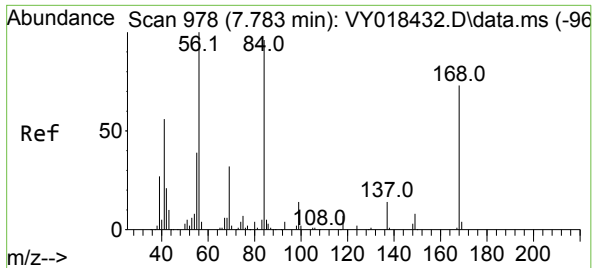
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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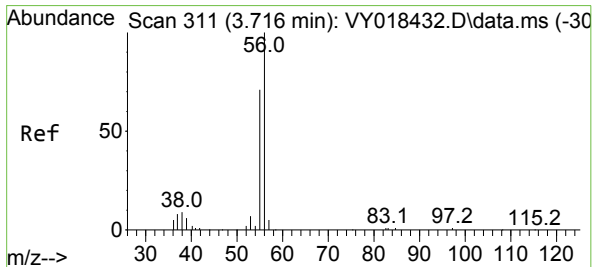
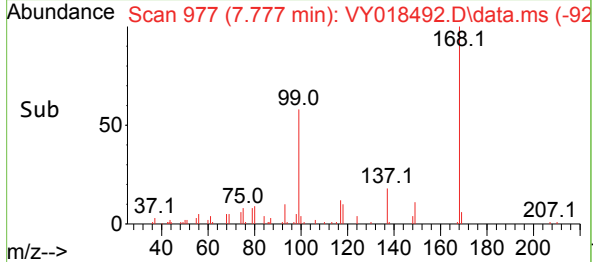
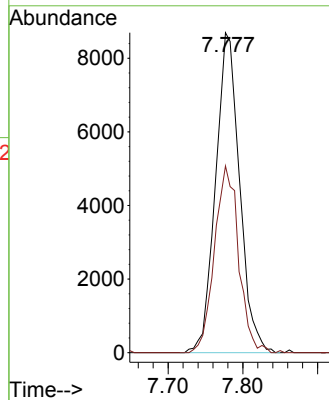
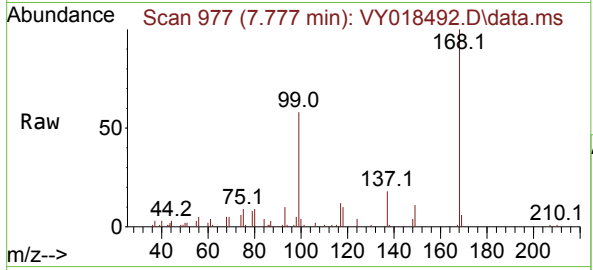




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

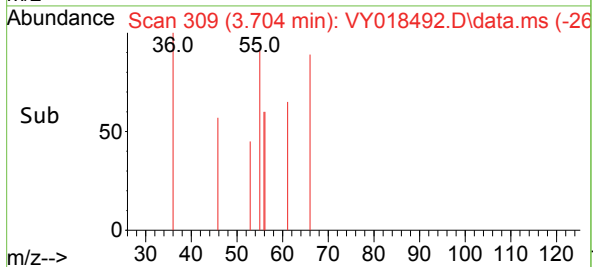
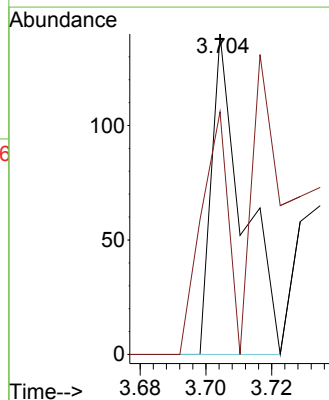
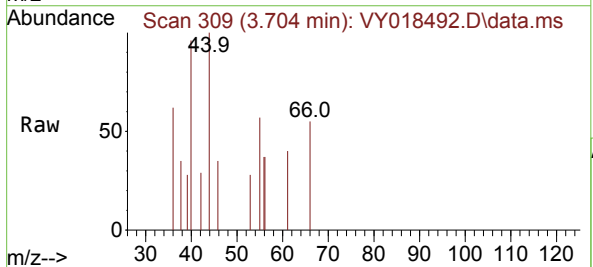
Instrument :
MSVOA_Y
ClientSampleId :

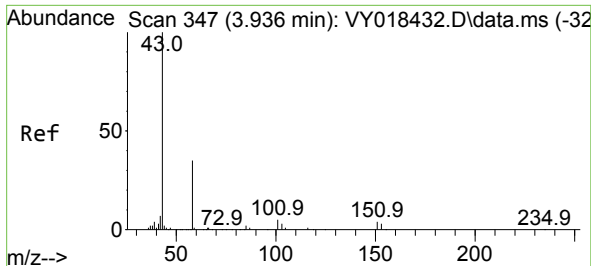
Tgt Ion:168 Resp: 19409
Ion Ratio Lower Upper
168 100
99 58.4 39.1 58.7



#13
Acrolein
Concen: 2.409 ug/l
RT: 3.704 min Scan# 309
Delta R.T. -0.012 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

Tgt Ion: 56 Resp: 94
Ion Ratio Lower Upper
56 100
55 63.8 55.7 83.5





#16

Acetone

Concen: 47.388 ug/l

RT: 3.936 min Scan# 34

Delta R.T. 0.000 min

Lab File: VY018492.D

Acq: 05 Jun 2024 18:14

Instrument :

MSVOA_Y

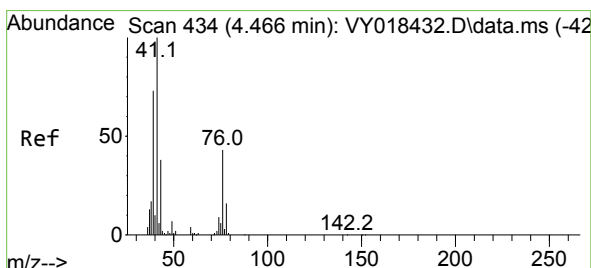
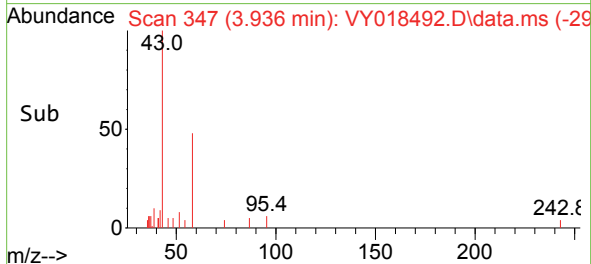
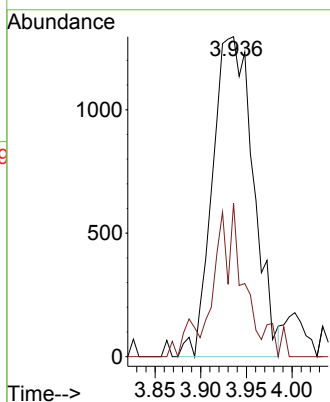
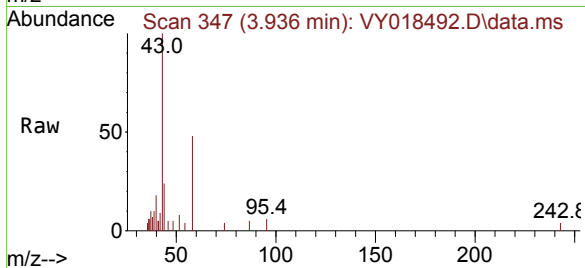
ClientSampleId :

Tgt Ion: 43 Resp: 4009

Ion Ratio Lower Upper

43 100

58 48.0 31.7 47.5#



#18

Methyl Acetate

Concen: 1.007 ug/l

RT: 4.442 min Scan# 430

Delta R.T. -0.024 min

Lab File: VY018492.D

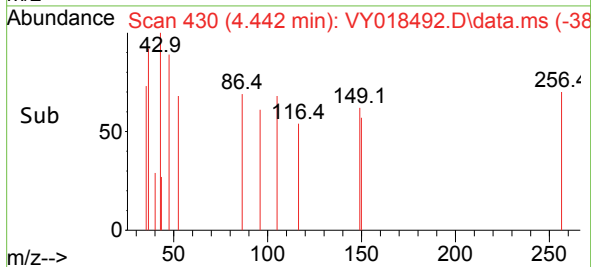
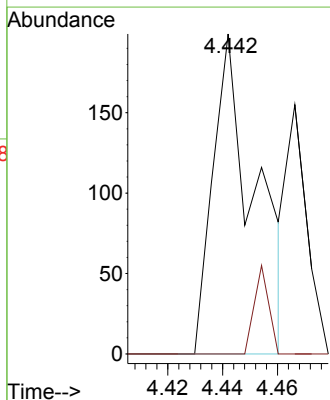
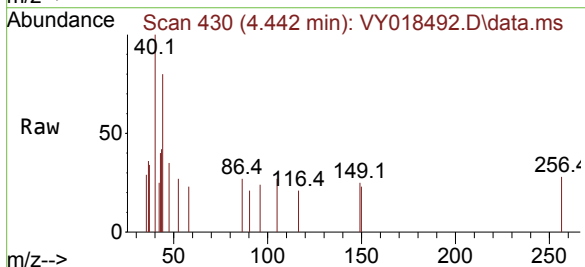
Acq: 05 Jun 2024 18:14

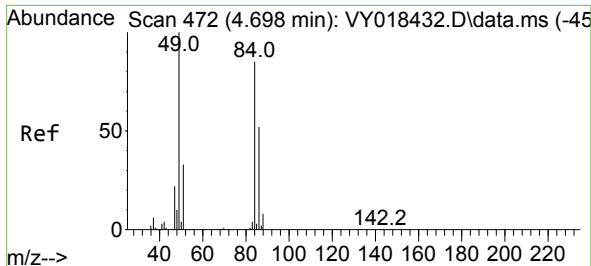
Tgt Ion: 43 Resp: 213

Ion Ratio Lower Upper

43 100

74 9.4 23.3 34.9#





#20

Methylene Chloride

Concen: 6.050 ug/l

RT: 4.710 min Scan# 41

Delta R.T. 0.012 min

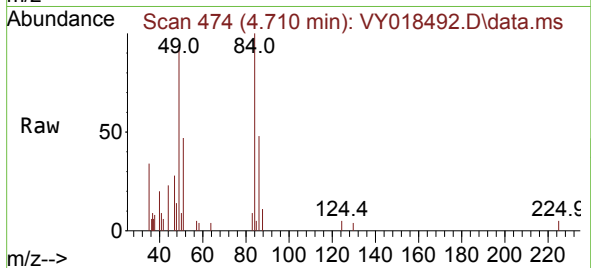
Lab File: VY018492.D

Acq: 05 Jun 2024 18:14

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 84 Resp: 4207

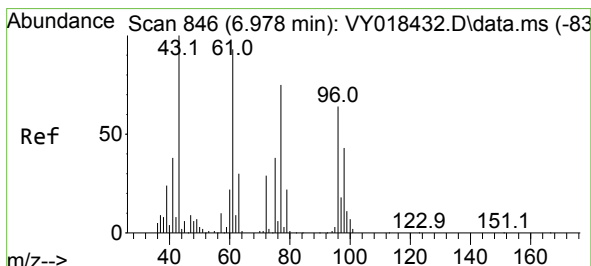
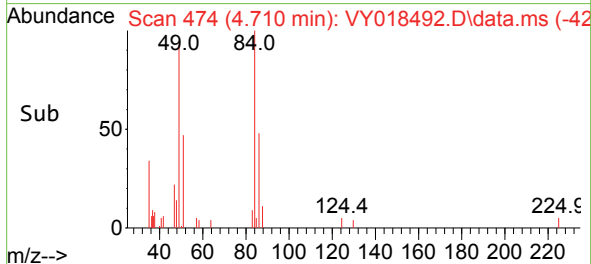
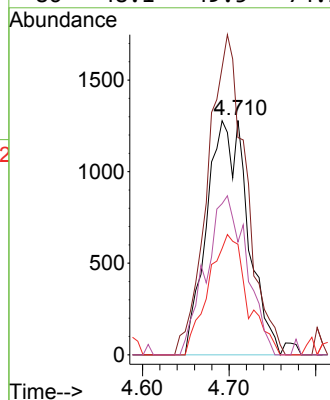
Ion Ratio Lower Upper

84 100

49 88.4 84.4 126.6

51 47.1 26.0 39.0#

86 48.1 49.5 74.3#



#25

2-Butanone

Concen: 11.003 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY018492.D

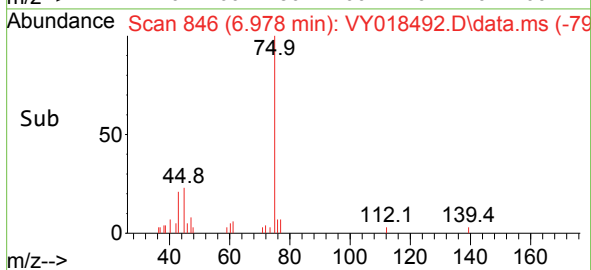
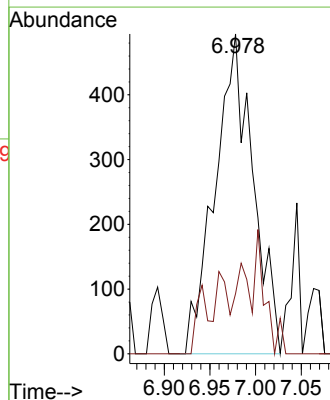
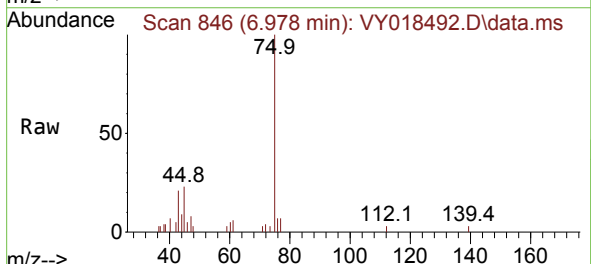
Acq: 05 Jun 2024 18:14

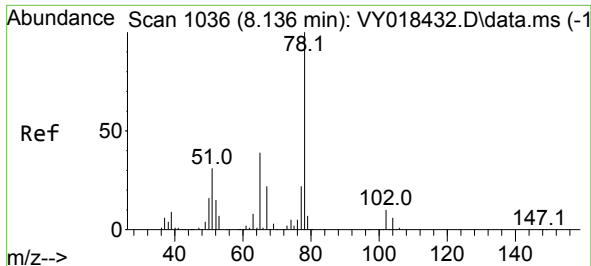
Tgt Ion: 43 Resp: 1426

Ion Ratio Lower Upper

43 100

72 18.8 27.3 40.9#

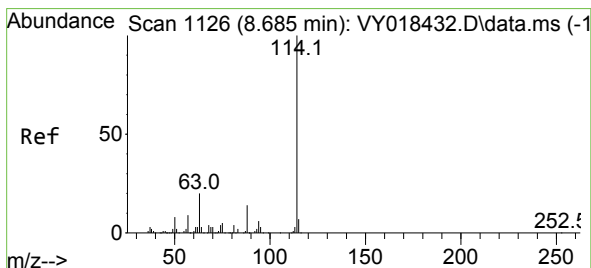
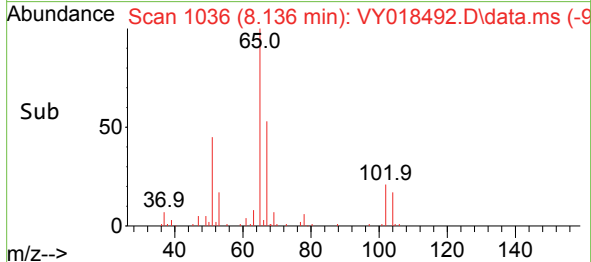
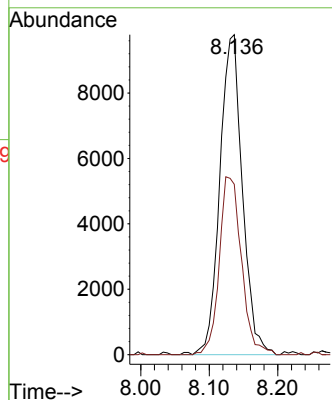
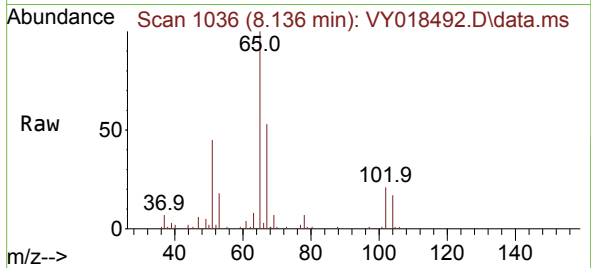




#33
1,2-Dichloroethane-d4
Concen: 58.618 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

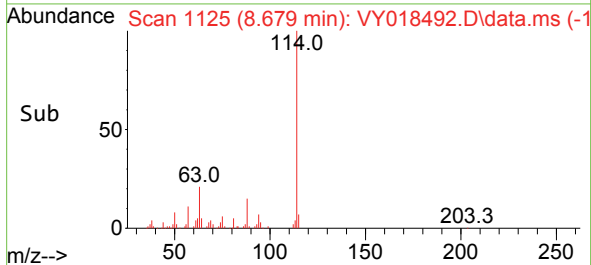
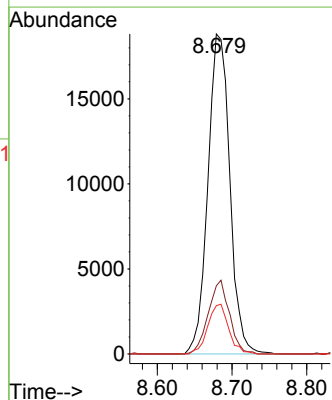
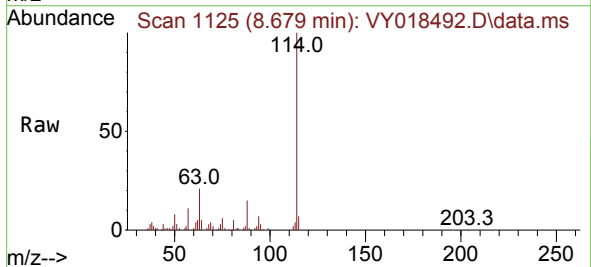
Instrument :
MSVOA_Y
ClientSampleId :

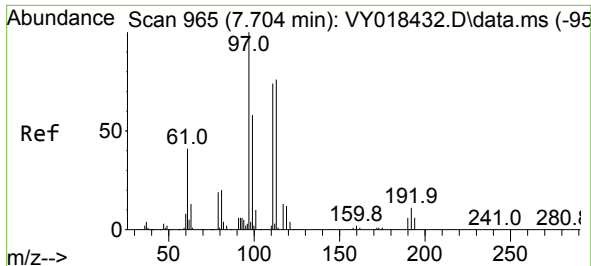
Tgt Ion: 65 Resp: 22343
Ion Ratio Lower Upper
65 100
67 54.6 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

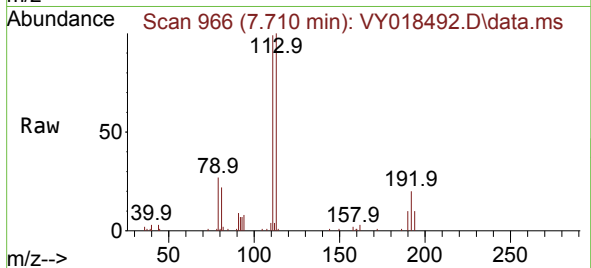
Tgt Ion: 114 Resp: 38305
Ion Ratio Lower Upper
114 100
63 21.3 0.0 35.0
88 15.1 0.0 27.2



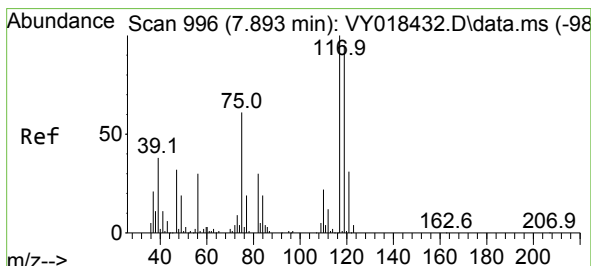
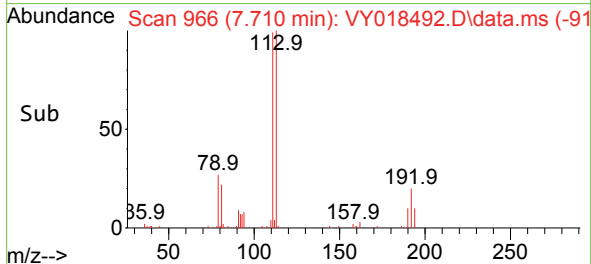
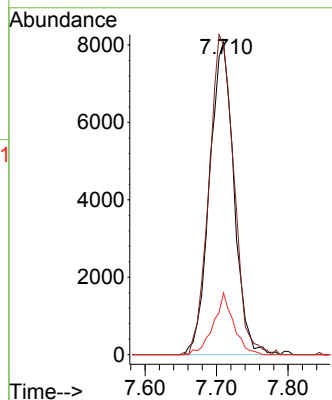


#35
Dibromofluoromethane
Concen: 39.367 ug/l
RT: 7.710 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

Instrument :
MSVOA_Y
ClientSampleId :

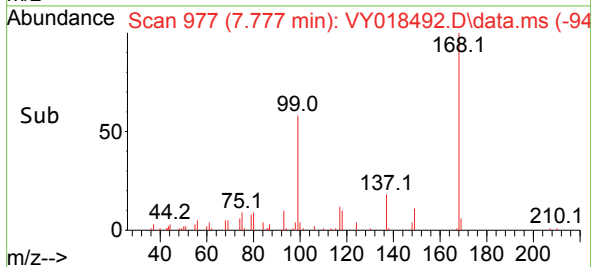
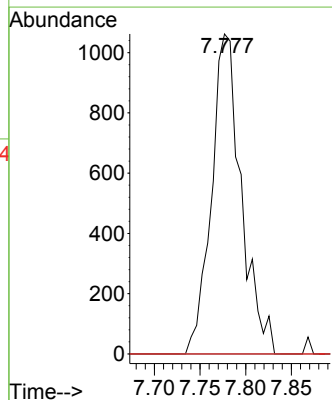
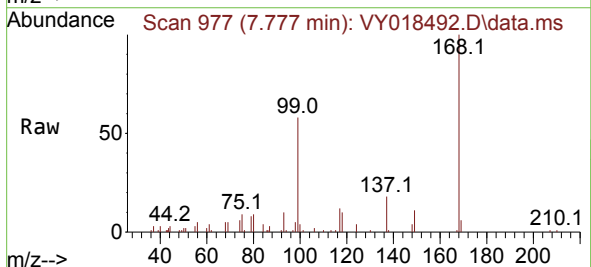


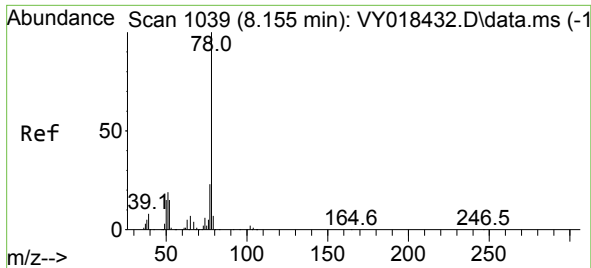
Tgt Ion:113 Resp: 19122
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 16.3 15.9 23.9



#38
Carbon Tetrachloride
Concen: 3.242 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.116 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

Tgt Ion:117 Resp: 2406
Ion Ratio Lower Upper
117 100
119 0.0 75.8 113.6#
121 0.0 24.0 36.0#

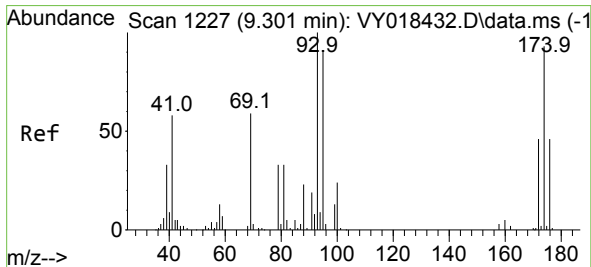
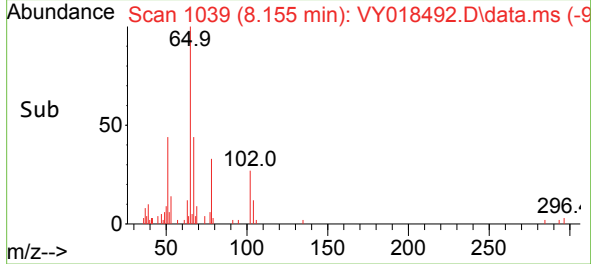
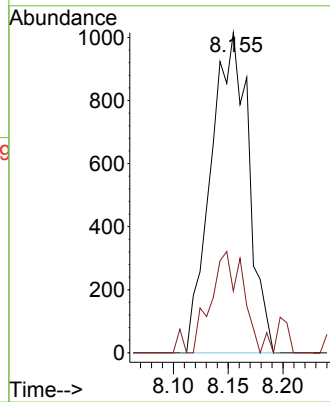
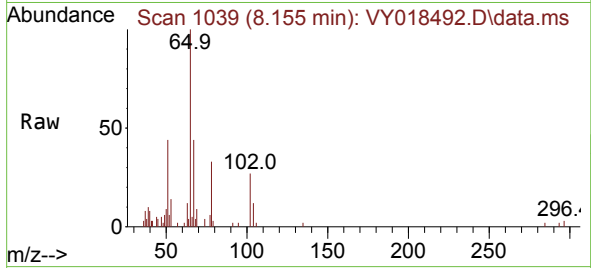




#40
Benzene
Concen: 1.094 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

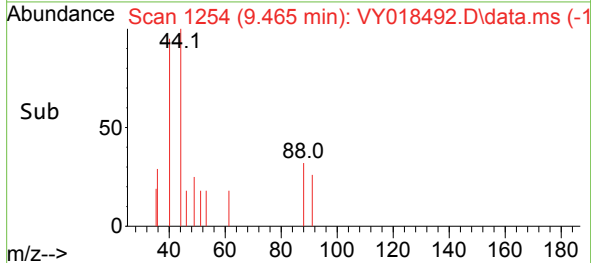
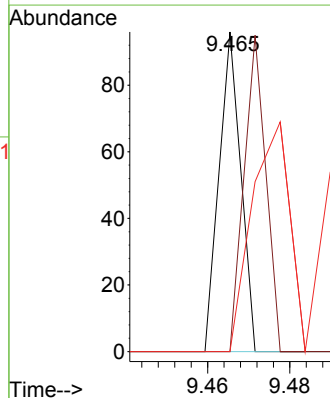
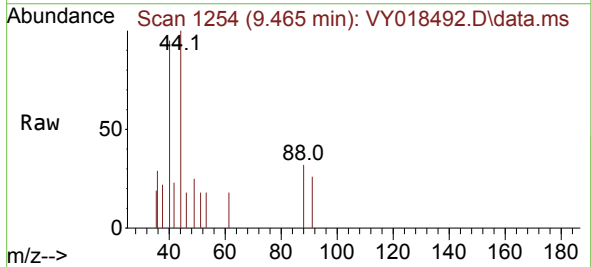
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MSVOA_Y
ClientSampleId :

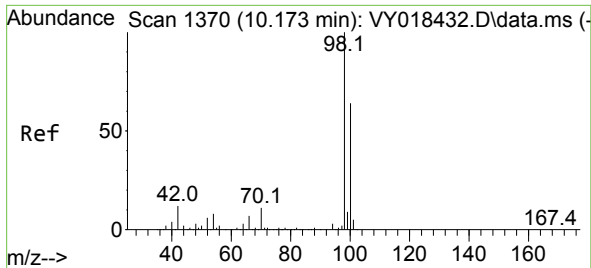
Tgt Ion: 78 Resp: 2428
Ion Ratio Lower Upper
78 100
77 11.9 19.5 29.3#



#49
1,4-Dioxane
Concen: 9.160 ug/l
RT: 9.465 min Scan# 1254
Delta R.T. 0.165 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

Tgt Ion: 88 Resp: 35
Ion Ratio Lower Upper
88 100
43 100.0 0.0 0.0#
58 182.9 49.3 73.9#

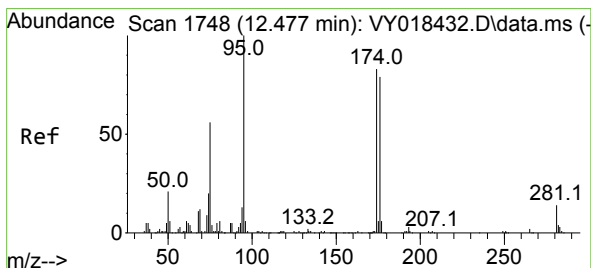
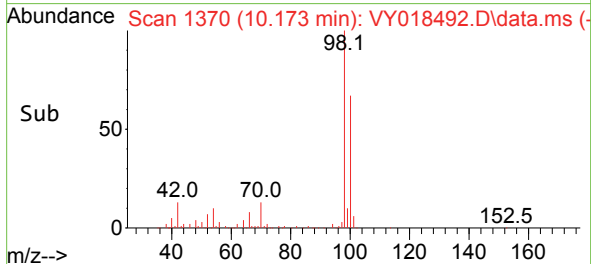
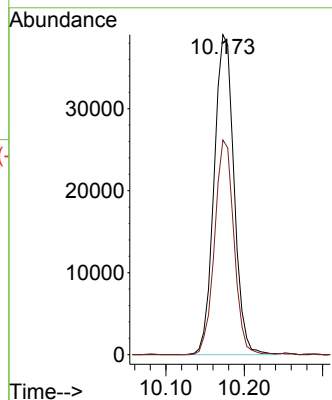
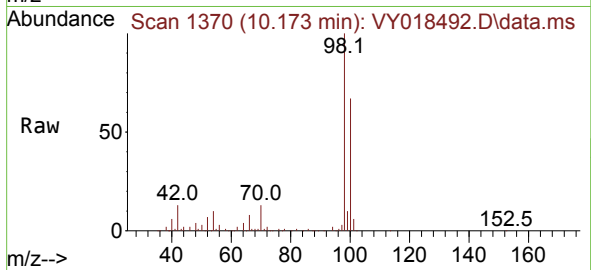




#50
Toluene-d8
Concen: 35.710 ug/l
RT: 10.173 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

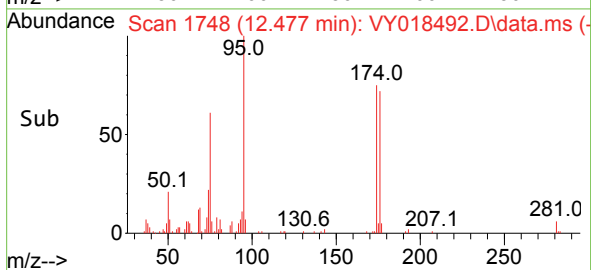
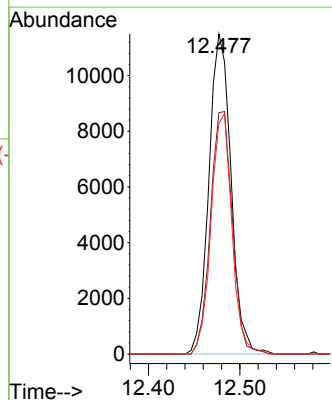
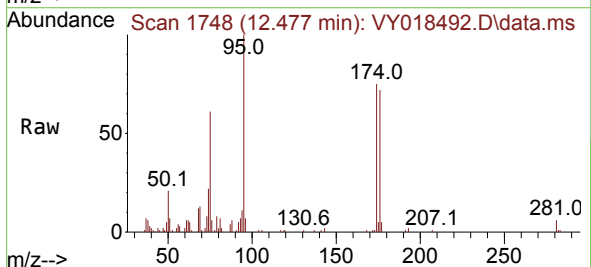
Instrument :
MSVOA_Y
ClientSampleId :

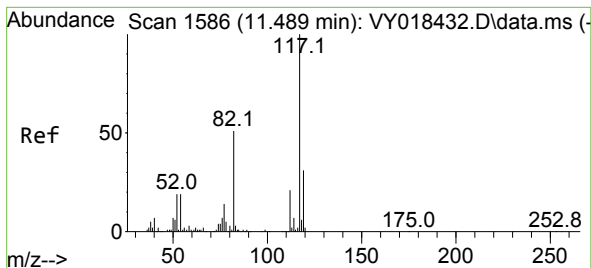
Tgt Ion: 98 Resp: 69005
Ion Ratio Lower Upper
98 100
100 65.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 32.057 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

Tgt Ion: 95 Resp: 19287
Ion Ratio Lower Upper
95 100
174 75.5 0.0 175.6
176 70.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY018492.D

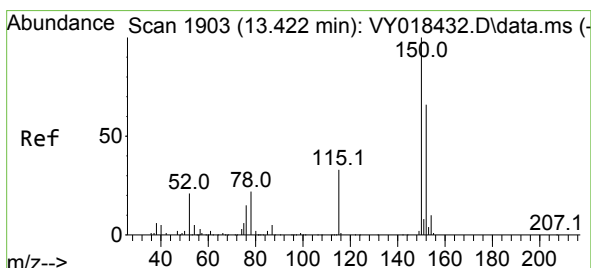
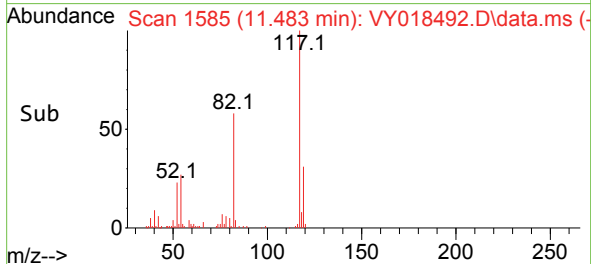
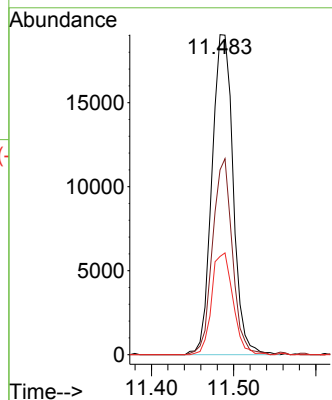
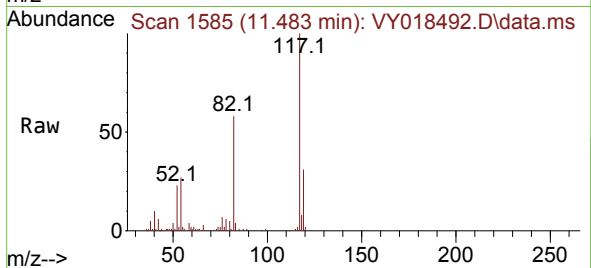
Acq: 05 Jun 2024 18:14

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:117	Resp:	34149
Ion Ratio	Lower	Upper
117	100	
82	57.7	42.4 63.6
119	30.7	25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

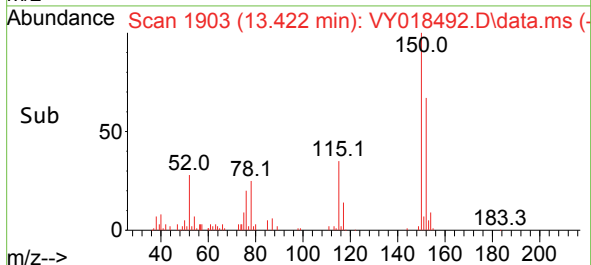
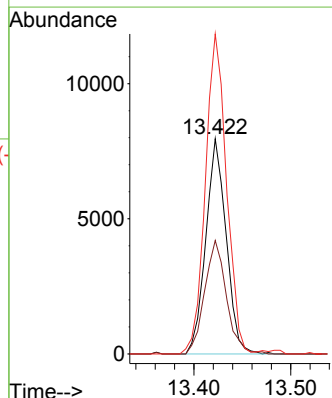
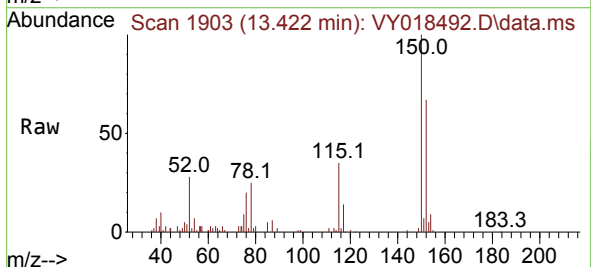
RT: 13.422 min Scan# 1903

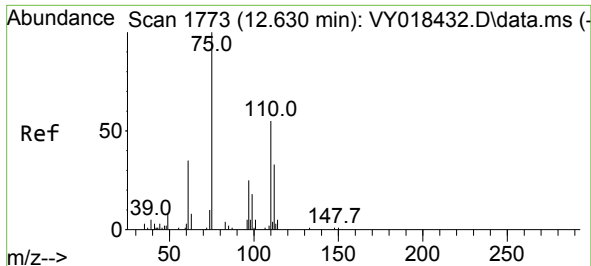
Delta R.T. 0.000 min

Lab File: VY018492.D

Acq: 05 Jun 2024 18:14

Tgt Ion:152	Resp:	11707
Ion Ratio	Lower	Upper
152	100	
115	56.2	28.2 84.7
150	154.1	0.0 345.6

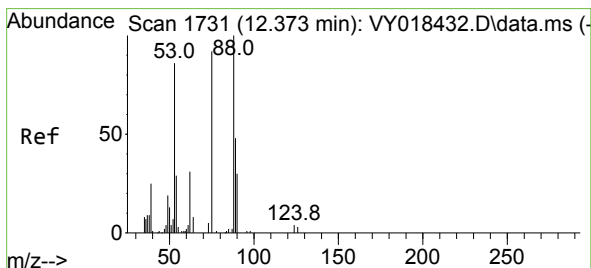
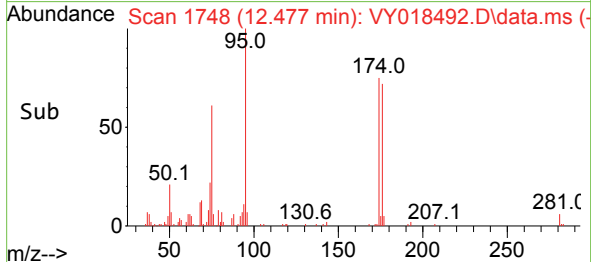
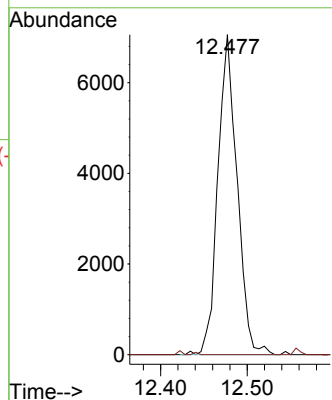
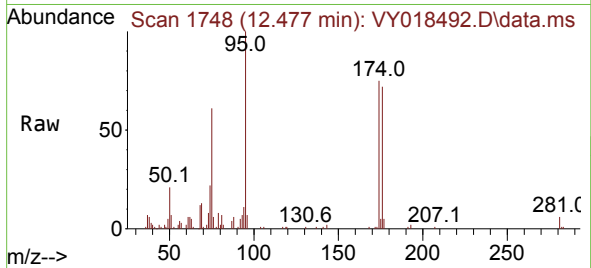




#76
1,2,3-Trichloropropane
Concen: 75.147 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 10909
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 157.880 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018492.D
Acq: 05 Jun 2024 18:14

Tgt Ion: 75 Resp: 10909
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

