

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060424\
 Data File : VY018470.D
 Acq On : 04 Jun 2024 17:45
 Operator : SY/MD
 Sample : P2680-01
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 05 01:28:57 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)

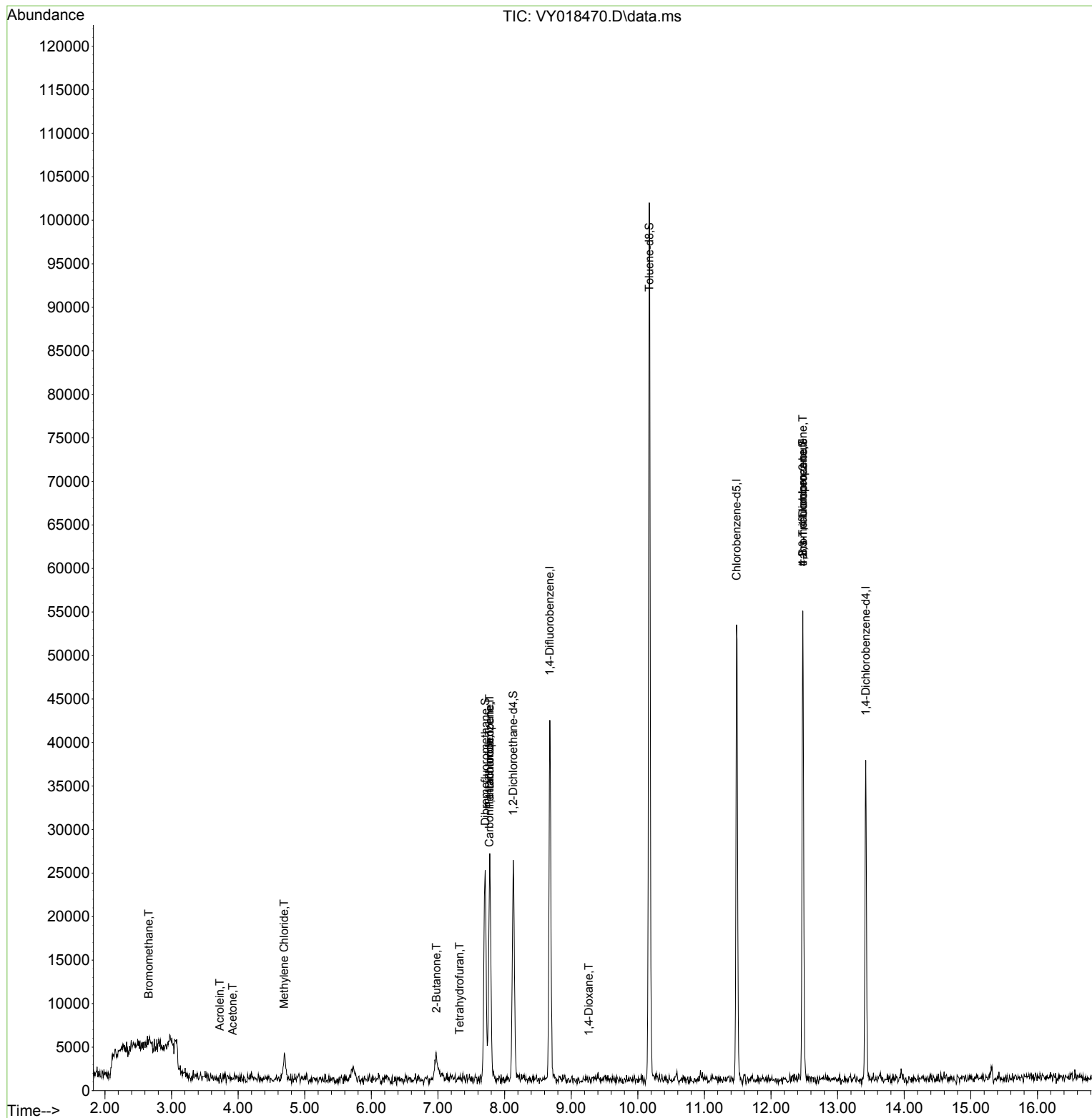
Internal Standards						
1) Pentafluorobenzene	7.777	168	17649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	33024	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	25549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	8356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	18305	52.813	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.620%	
35) Dibromofluoromethane	7.710	113	16411	39.189	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.380%	
50) Toluene-d8	10.173	98	64115	38.485	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 76.980%	
62) 4-Bromofluorobenzene	12.477	95	16175	31.183	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 62.360%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.656	94	431	1.033	ug/l #	60
11) Tert butyl alcohol	4.954	59	192	Below Cal	#	88
13) Acrolein	3.723	56	68	1.917	ug/l #	1
16) Acetone	3.918	43	527	6.851	ug/l #	70
20) Methylene Chloride	4.692	84	1696	1.086	ug/l #	70
25) 2-Butanone	6.978	43	330	2.800	ug/l #	41
29) Tetrahydrofuran	7.326	42	121	1.581	ug/l #	68
36) 1,1-Dichloropropene	7.777	75	1925	3.015	ug/l #	47
38) Carbon Tetrachloride	7.771	117	1928	3.013	ug/l #	20
49) 1,4-Dioxane	9.264	88	22	6.678	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	8946	86.339	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	8946	181.392	ug/l #	16

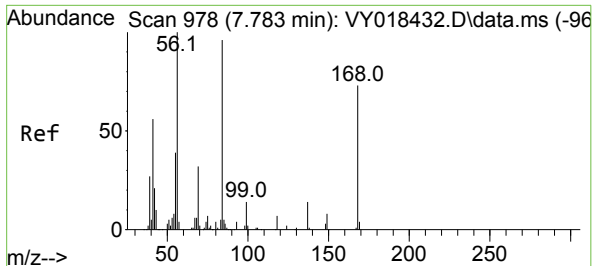
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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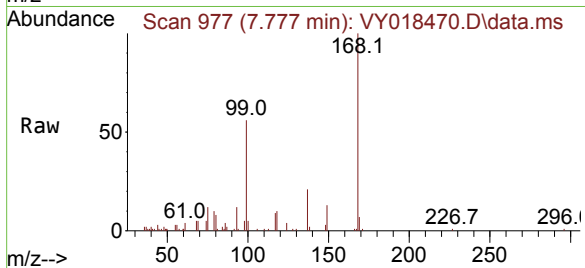
Quant Time: Jun 05 01:28:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 07:11:56 2024
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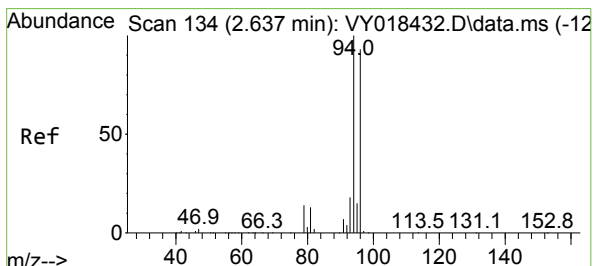
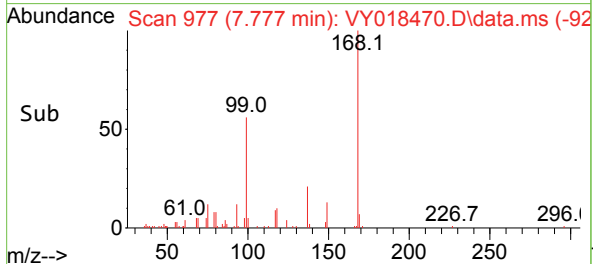
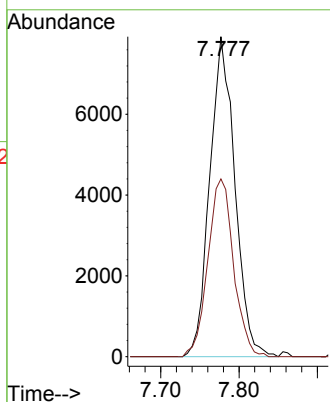


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018470.D
Acq: 04 Jun 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :

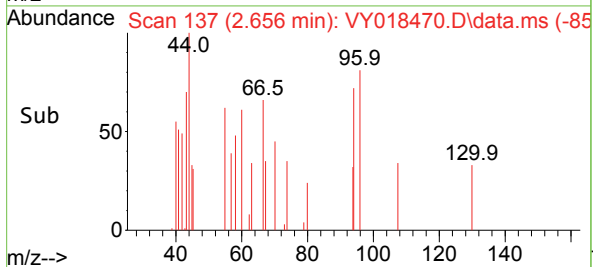
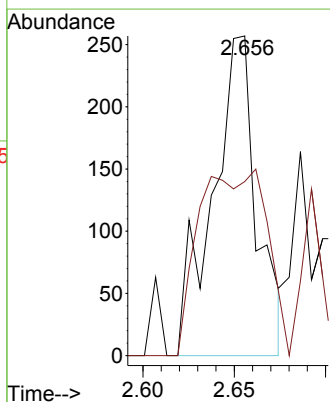
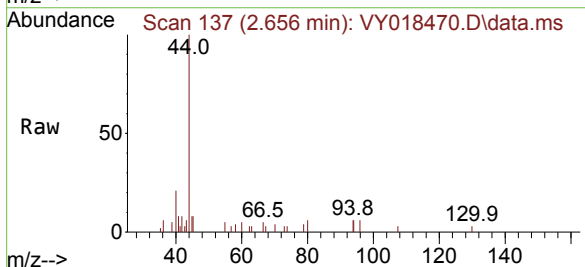


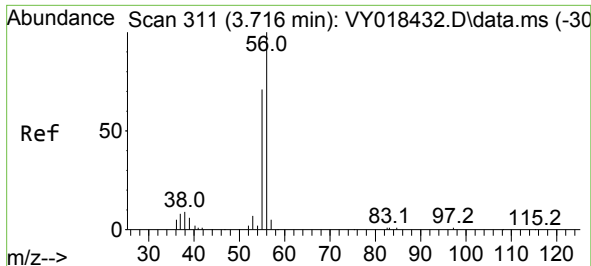
Tgt Ion:168 Resp: 17649
Ion Ratio Lower Upper
168 100
99 55.5 39.1 58.7



#5
Bromomethane
Concen: 1.033 ug/l
RT: 2.656 min Scan# 137
Delta R.T. 0.018 min
Lab File: VY018470.D
Acq: 04 Jun 2024 17:45

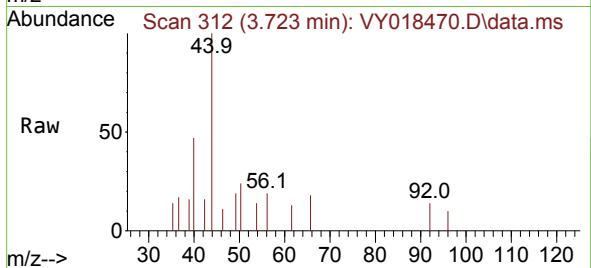
Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 54.5 74.1 111.1#



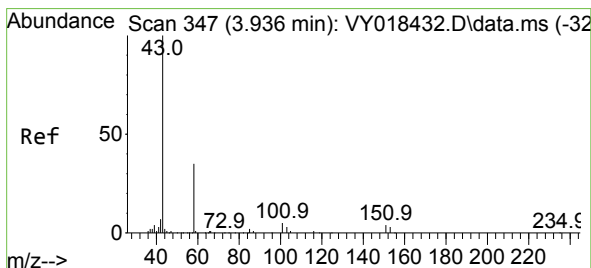
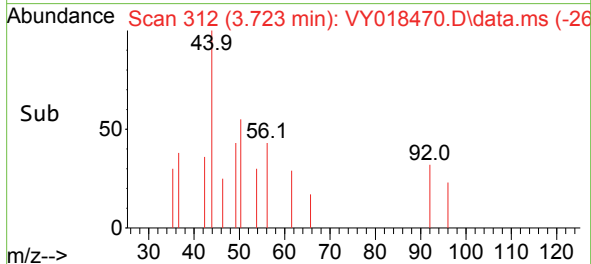
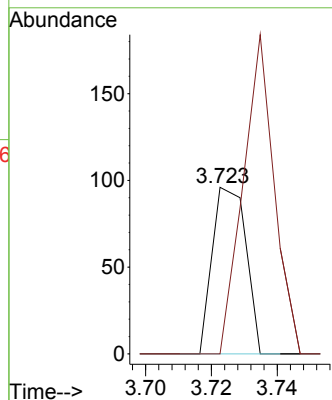


#13
Acrolein
Concen: 1.917 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.007 min
Lab File: VY018470.D
Acq: 04 Jun 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :

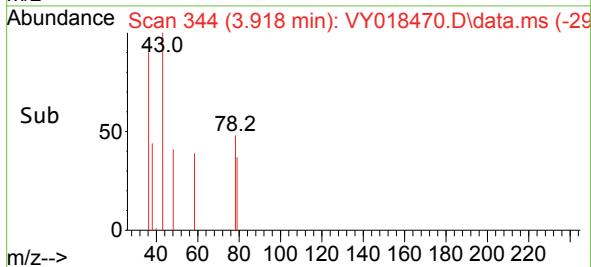
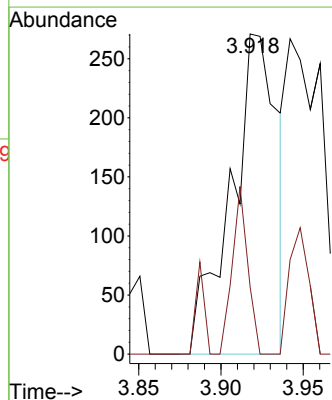
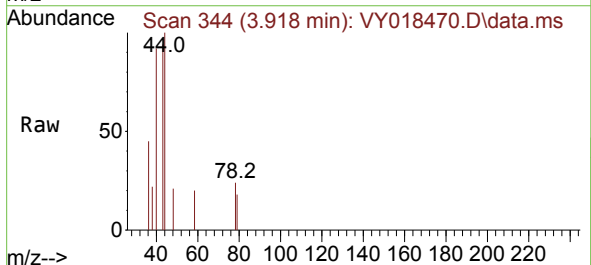


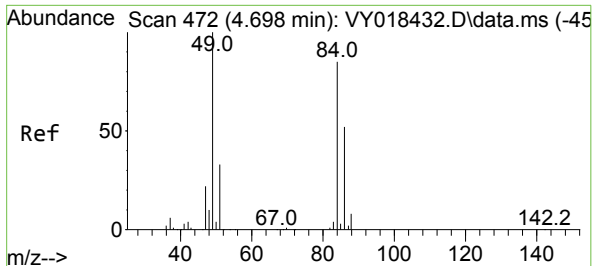
Tgt Ion: 56 Resp: 68
Ion Ratio Lower Upper
56 100
55 176.5 55.7 83.5#



#16
Acetone
Concen: 6.851 ug/l
RT: 3.918 min Scan# 344
Delta R.T. -0.018 min
Lab File: VY018470.D
Acq: 04 Jun 2024 17:45

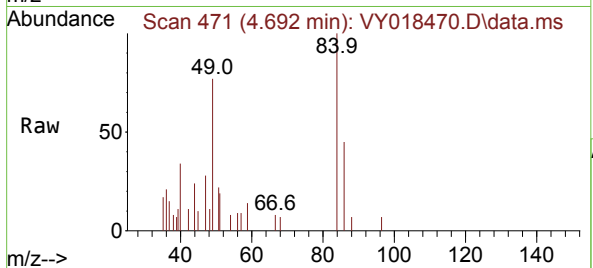
Tgt Ion: 43 Resp: 527
Ion Ratio Lower Upper
43 100
58 21.0 31.7 47.5#



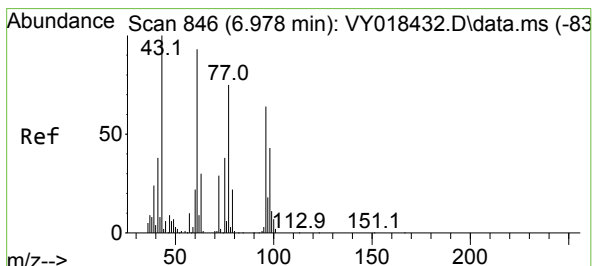
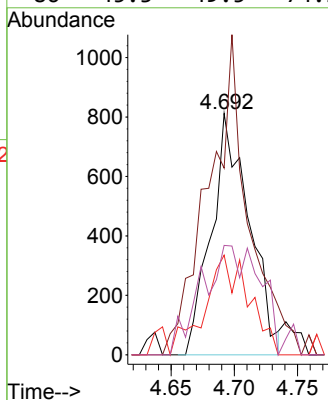
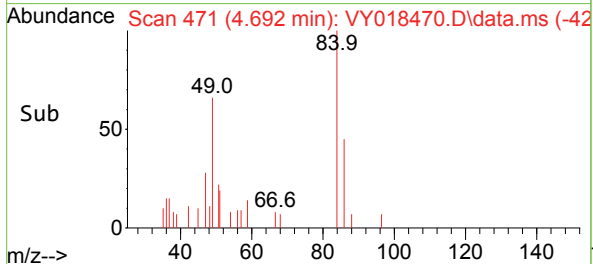


#20
Methylene Chloride
Concen: 1.086 ug/l
RT: 4.692 min Scan# 471
Delta R.T. -0.006 min
Lab File: VY018470.D
Acq: 04 Jun 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :

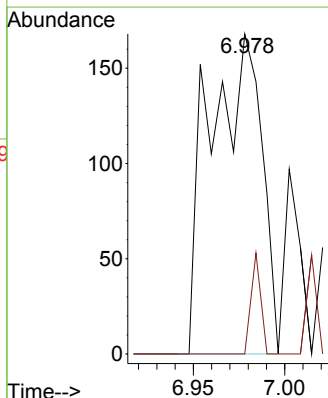
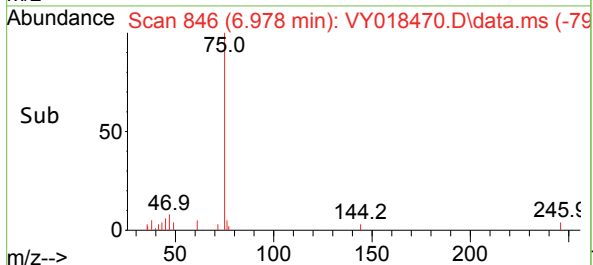
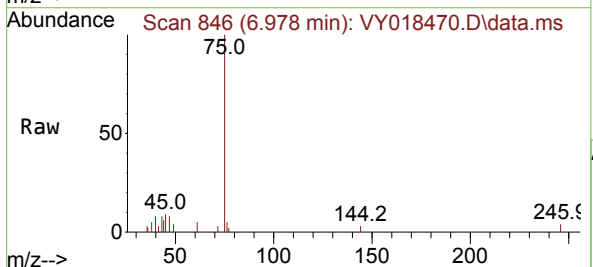


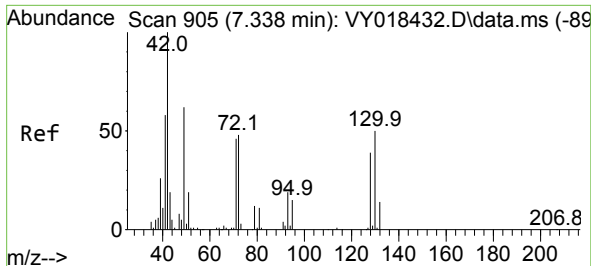
Tgt Ion:	84	Resp:	1696
Ion	Ratio	Lower	Upper
84	100		
49	64.4	84.4	126.6#
51	41.3	26.0	39.0#
86	45.3	49.5	74.3#



#25
2-Butanone
Concen: 2.800 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018470.D
Acq: 04 Jun 2024 17:45

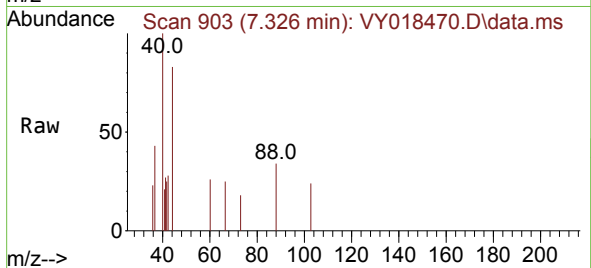
Tgt Ion:	43	Resp:	330
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#



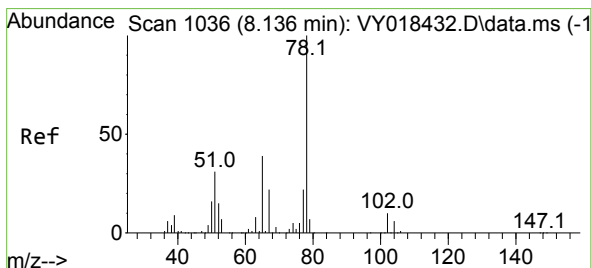
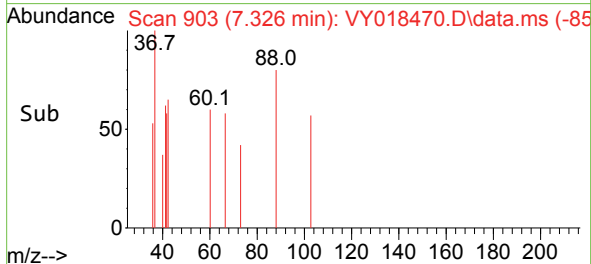
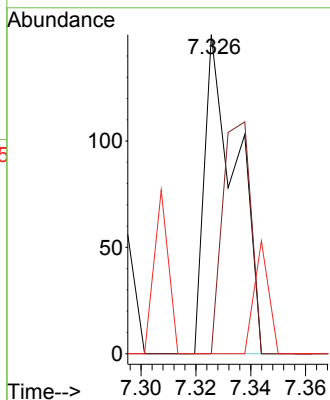


#29
Tetrahydrofuran
Concen: 1.581 ug/l
RT: 7.326 min Scan# 905
Delta R.T. -0.012 min
Lab File: VY018470.D
Acq: 04 Jun 2024 17:45

Instrument :
MSVOA_Y
ClientSampleId :

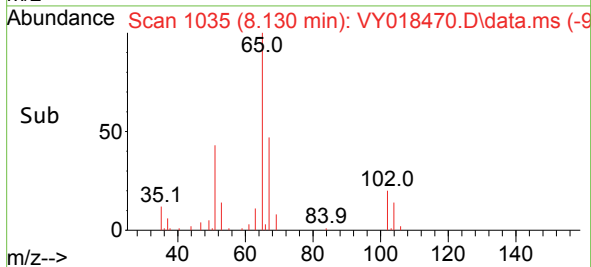
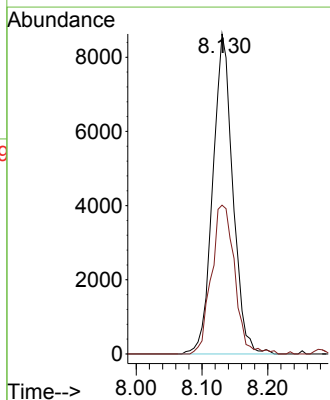
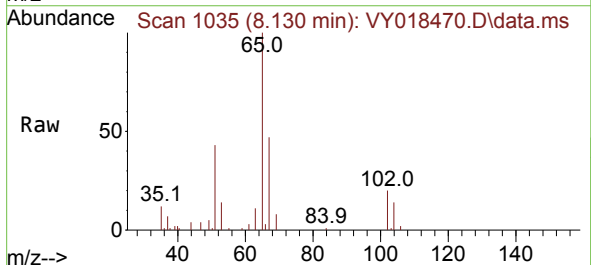


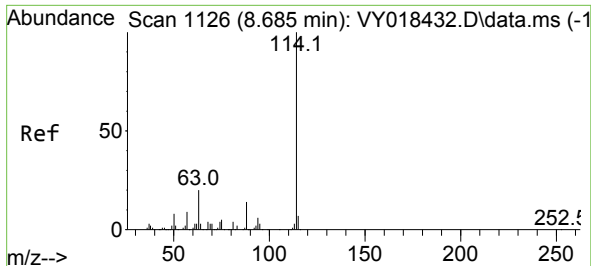
Tgt Ion: 42 Resp: 121
Ion Ratio Lower Upper
42 100
72 64.5 43.0 64.4#
71 15.7 40.8 61.2#



#33
1,2-Dichloroethane-d4
Concen: 52.813 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018470.D
Acq: 04 Jun 2024 17:45

Tgt Ion: 65 Resp: 18305
Ion Ratio Lower Upper
65 100
67 54.0 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: VY018470.D

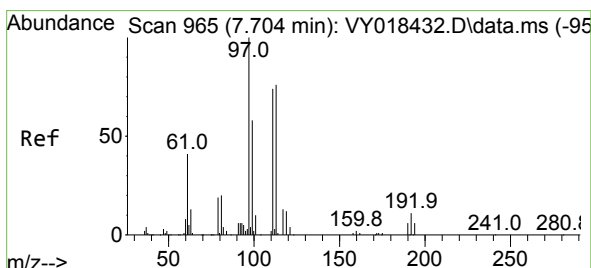
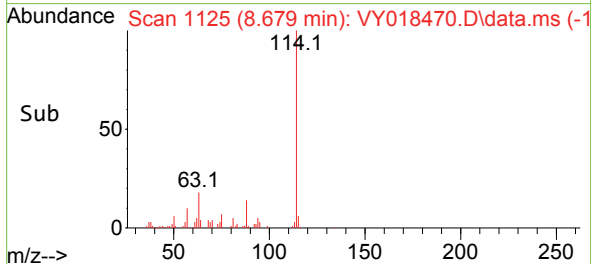
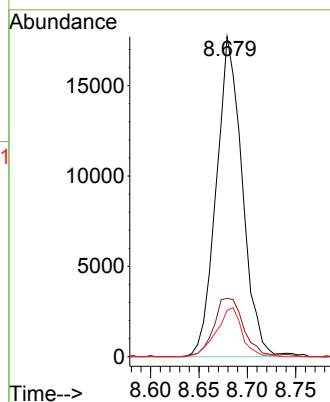
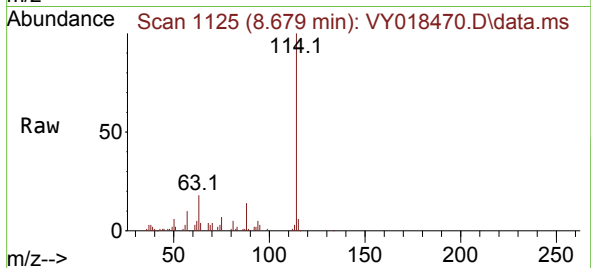
Acq: 04 Jun 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:114	Resp:	33024
Ion Ratio	Lower	Upper
114	100	
63	18.2	0.0 35.0
88	14.5	0.0 27.2



#35

Dibromofluoromethane

Concen: 39.189 ug/l

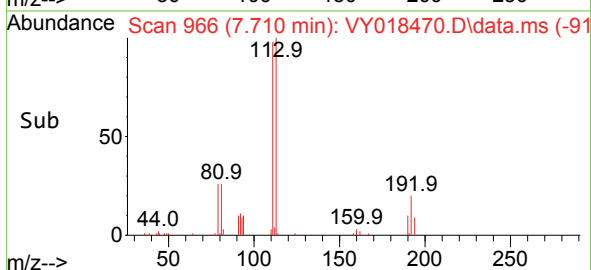
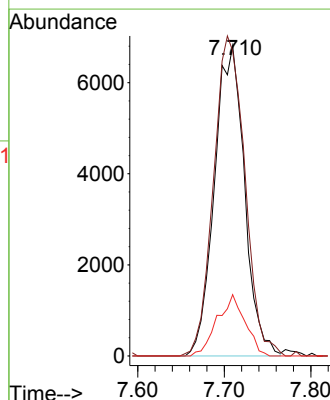
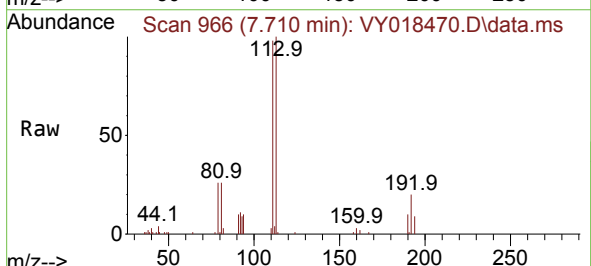
RT: 7.710 min Scan# 966

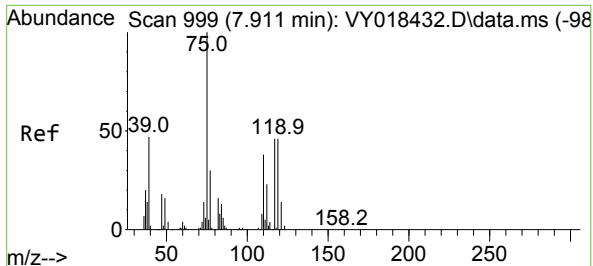
Delta R.T. 0.006 min

Lab File: VY018470.D

Acq: 04 Jun 2024 17:45

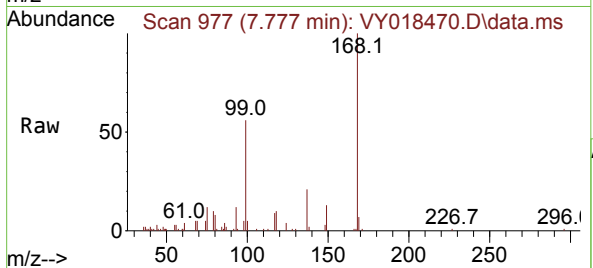
Tgt Ion:113	Resp:	16411
Ion Ratio	Lower	Upper
113	100	
111	107.3	82.2 123.4
192	18.4	15.9 23.9



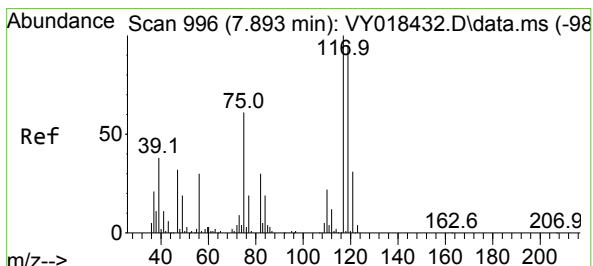
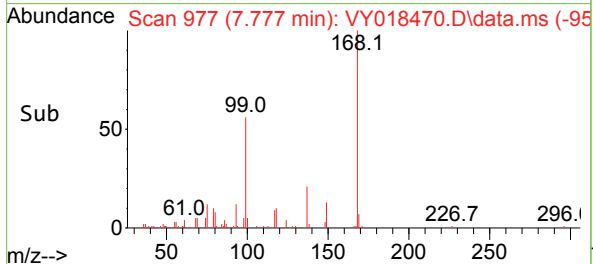
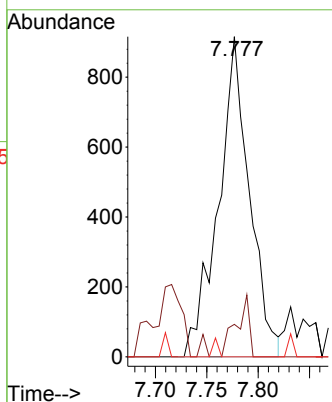


#36
 1,1-Dichloropropene
 Concen: 3.015 ug/l
 RT: 7.777 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY018470.D
 Acq: 04 Jun 2024 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :

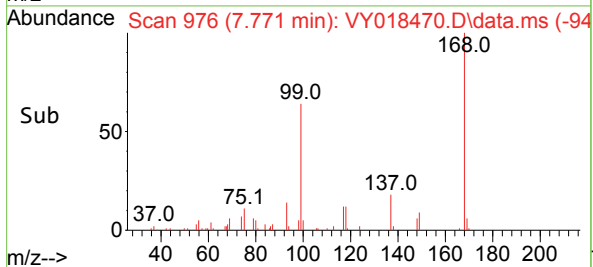
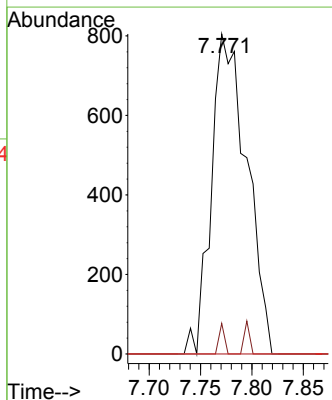
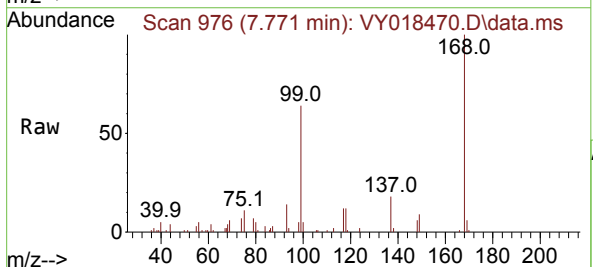


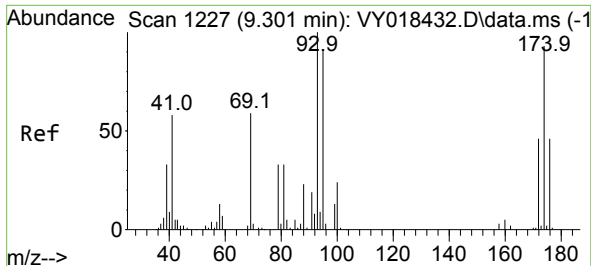
Tgt Ion: 75 Resp: 1925
 Ion Ratio Lower Upper
 75 100
 110 8.2 19.0 57.0#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 3.013 ug/l
 RT: 7.771 min Scan# 976
 Delta R.T. -0.122 min
 Lab File: VY018470.D
 Acq: 04 Jun 2024 17:45

Tgt Ion: 117 Resp: 1928
 Ion Ratio Lower Upper
 117 100
 119 9.6 75.8 113.6#
 121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 6.678 ug/l

RT: 9.264 min Scan# 11

Delta R.T. -0.037 min

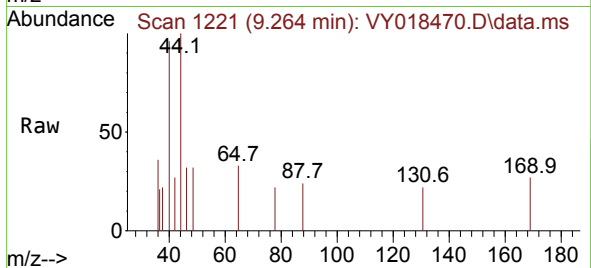
Lab File: VY018470.D

Acq: 04 Jun 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :



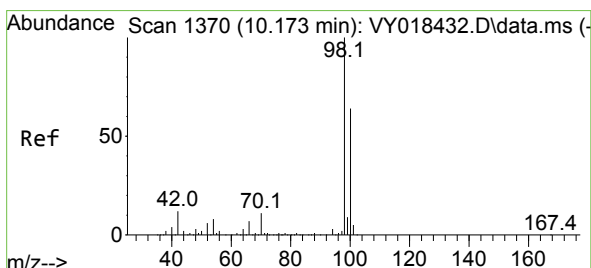
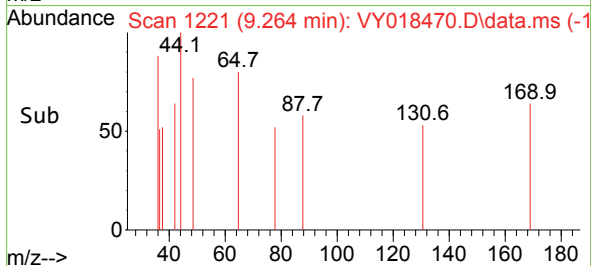
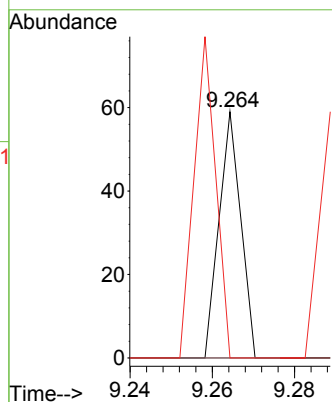
Tgt Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 127.3 49.3 73.9#



#50

Toluene-d8

Concen: 38.485 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018470.D

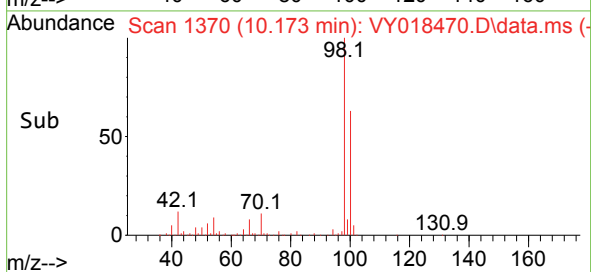
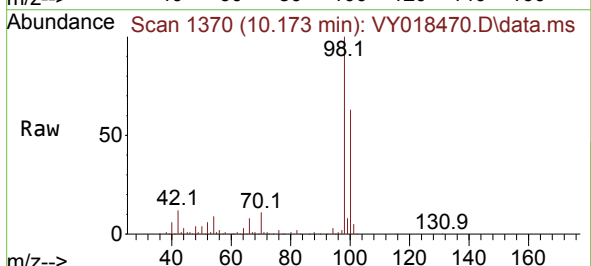
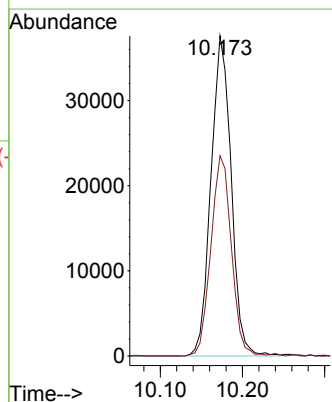
Acq: 04 Jun 2024 17:45

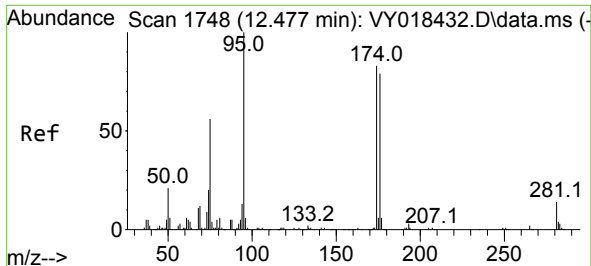
Tgt Ion: 98 Resp: 64115

Ion Ratio Lower Upper

98 100

100 63.2 52.0 78.0

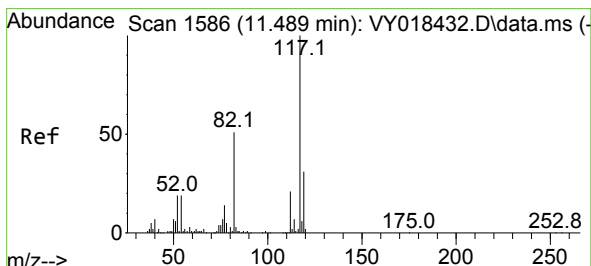
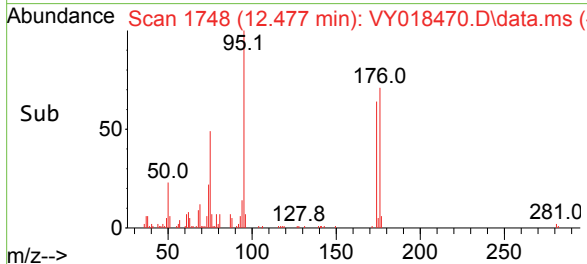
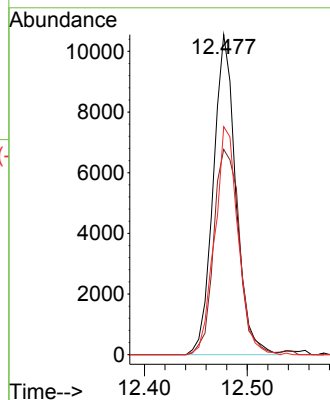
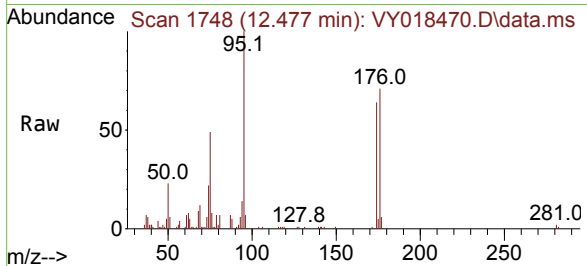




#62
4-Bromofluorobenzene
Concen: 31.183 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018470.D
Acq: 04 Jun 2024 17:45

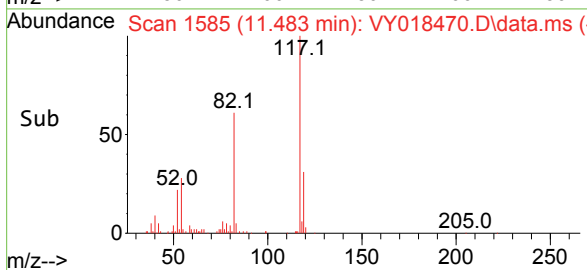
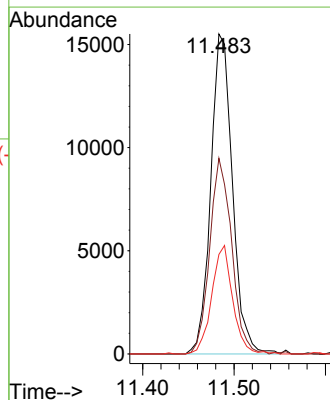
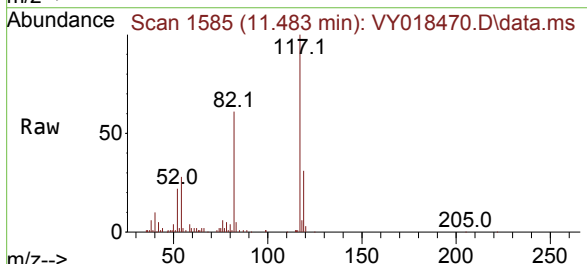
Instrument :
MSVOA_Y
ClientSampleId :

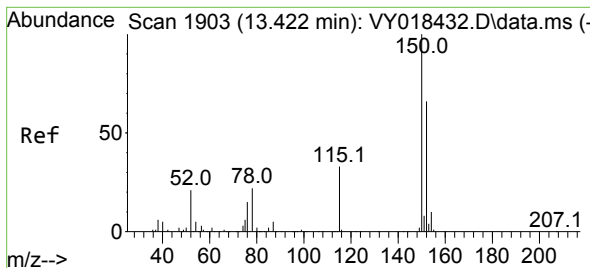
Tgt Ion	Ratio	Lower	Upper
95	100		
174	72.9	0.0	175.6
176	73.5	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1585
Delta R.T. -0.006 min
Lab File: VY018470.D
Acq: 04 Jun 2024 17:45

Tgt Ion	Ratio	Lower	Upper
117	100		
82	61.2	42.4	63.6
119	31.1	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

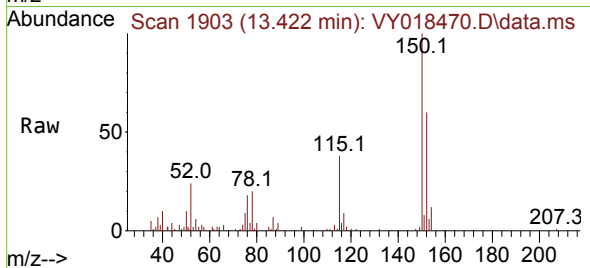
Lab File: VY018470.D

Acq: 04 Jun 2024 17:45

Instrument :

MSVOA_Y

ClientSampleId :



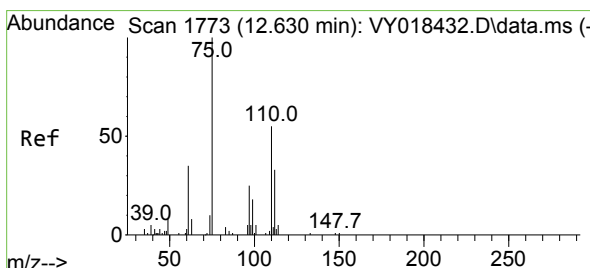
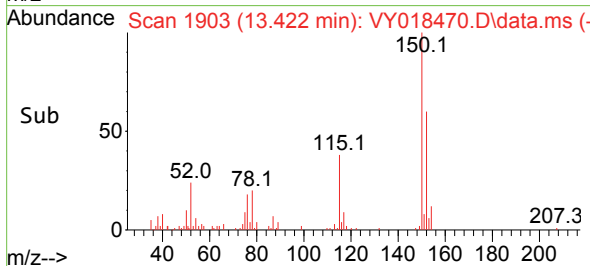
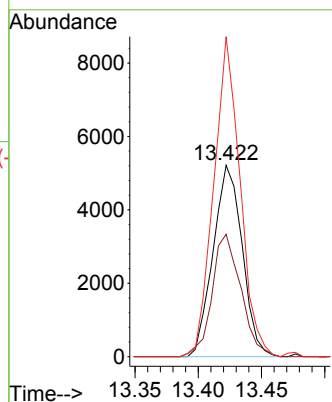
Tgt Ion:152 Resp: 8356

Ion Ratio Lower Upper

152 100

115 63.2 28.2 84.7

150 150.9 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 86.339 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY018470.D

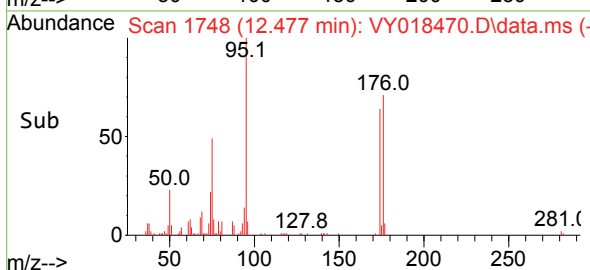
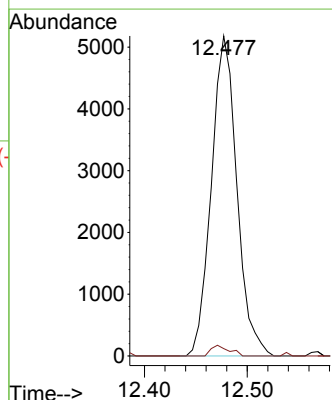
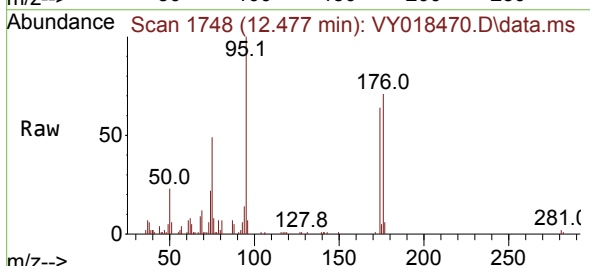
Acq: 04 Jun 2024 17:45

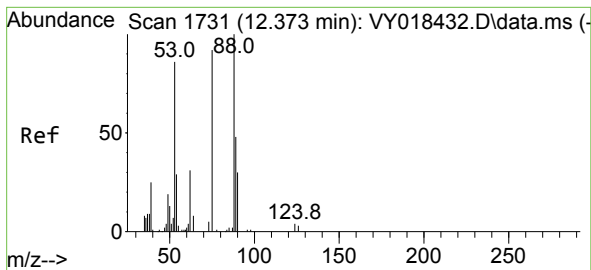
Tgt Ion: 75 Resp: 8946

Ion Ratio Lower Upper

75 100

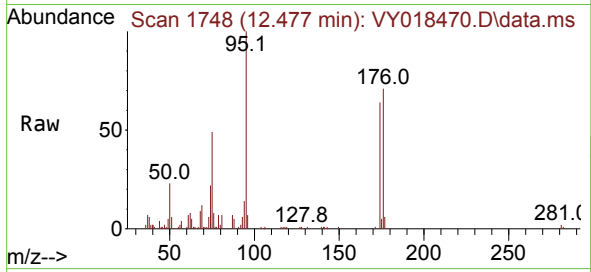
77 2.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 181.392 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY018470.D
 Acq: 04 Jun 2024 17:45

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	75	Resp:	8946
Ion	Ratio	Lower	Upper
75	100		
53	0.3	66.8	100.2#
89	0.4	35.8	53.6#

