

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051724\
 Data File : VY018317.D
 Acq On : 17 May 2024 18:45
 Operator : SY/MD
 Sample : P2482-06
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SW-04-229RE

Quant Time: May 18 00:54:50 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)

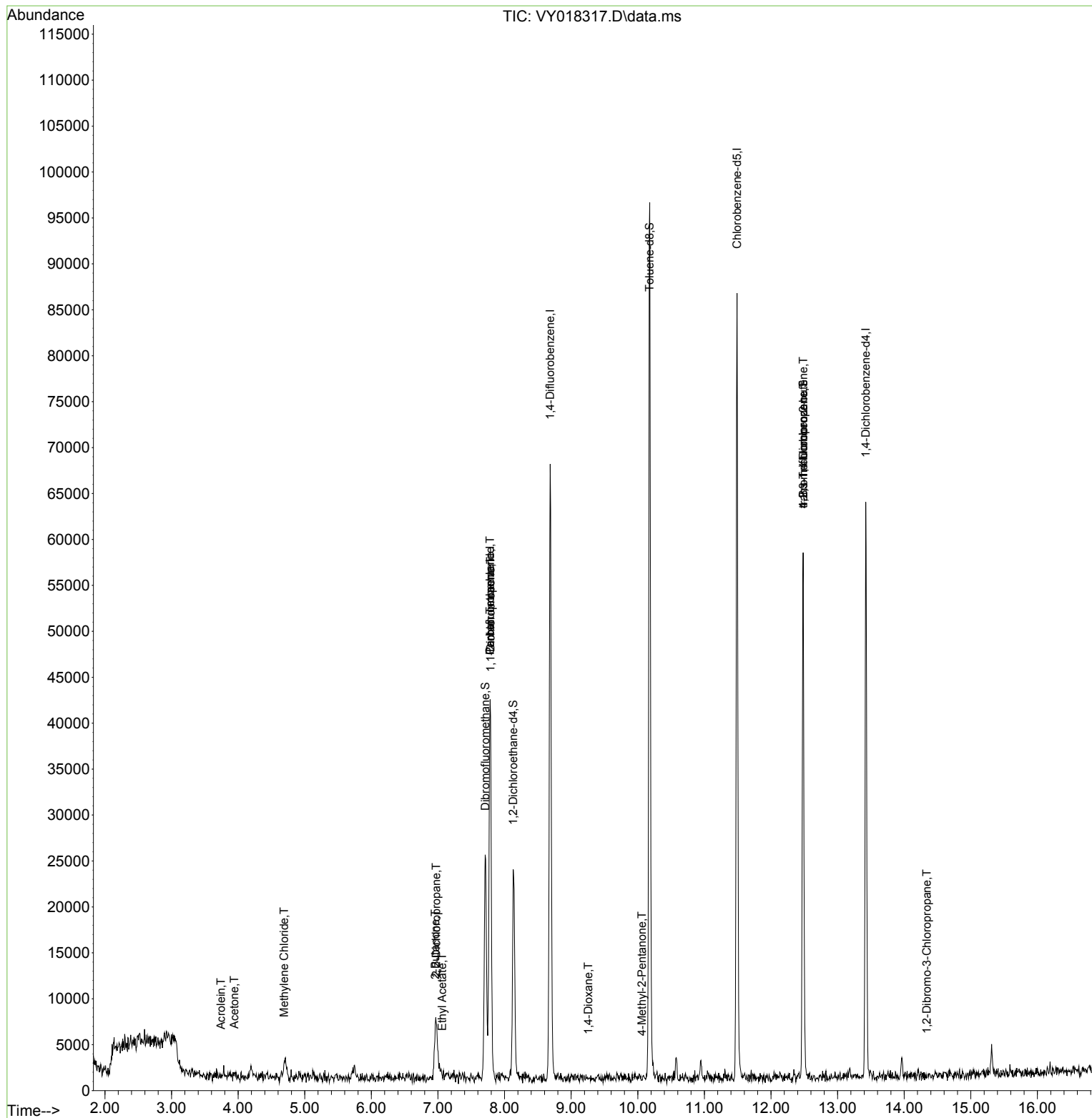
Internal Standards						
1) Pentafluorobenzene	7.783	168	31596	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	57906	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	47867	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	14874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	16759	72.100	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.200%	
35) Dibromofluoromethane	7.710	113	17602	57.840	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.680%	
50) Toluene-d8	10.179	98	65161	54.336	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.680%	
62) 4-Bromofluorobenzene	12.483	95	17860	46.117	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.240%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.936	59	64	Below Cal	#	88
13) Acrolein	3.741	56	141	1.698	ug/l #	37
16) Acetone	3.942	43	413	8.904	ug/l	100
20) Methylene Chloride	4.692	84	701	2.138	ug/l #	90
25) 2-Butanone	6.960	43	428	5.772	ug/l #	41
26) 2,2-Dichloropropane	6.972	77	671	1.460	ug/l #	51
31) Cyclohexane	7.777	56	864	Below Cal	#	1
36) 1,1-Dichloropropene	7.789	75	2787	6.388	ug/l #	51
37) Ethyl Acetate	7.064	43	191	1.040	ug/l #	82
38) Carbon Tetrachloride	7.783	117	3309	6.942	ug/l #	21
49) 1,4-Dioxane	9.258	88	30	12.814	ug/l #	20
51) 4-Methyl-2-Pentanone	10.063	43	276	1.459	ug/l #	31
76) 1,2,3-Trichloropropane	12.483	75	9267	77.837	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	9267	149.965	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.337	75	25	1.032	ug/l #	1

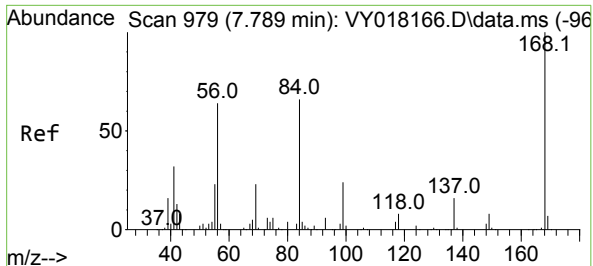
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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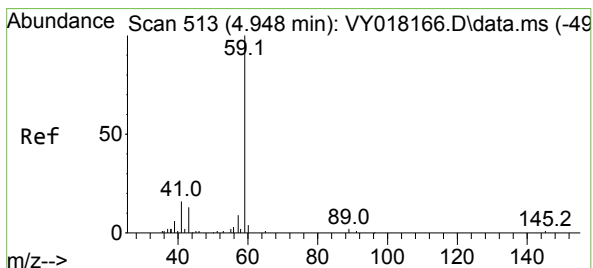
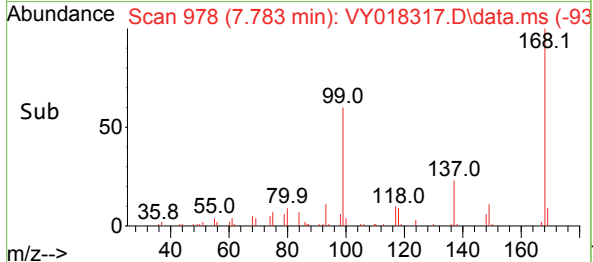
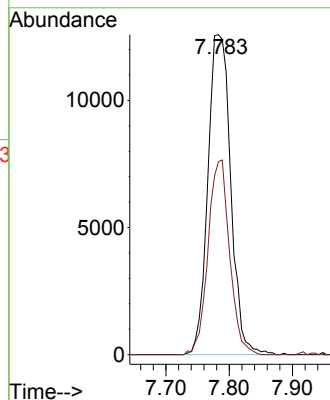
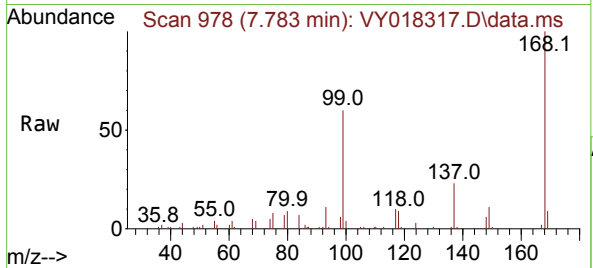




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

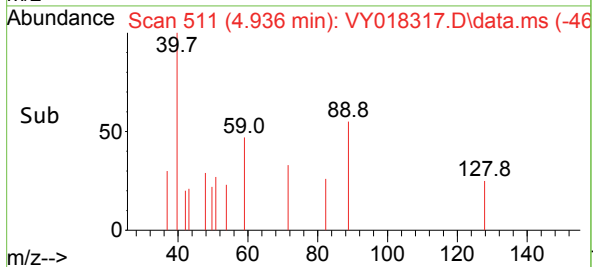
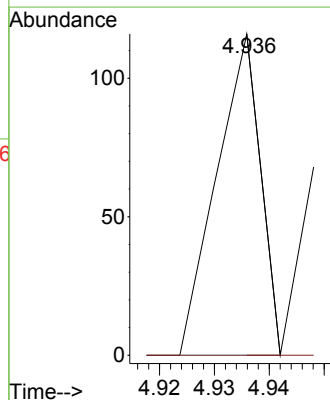
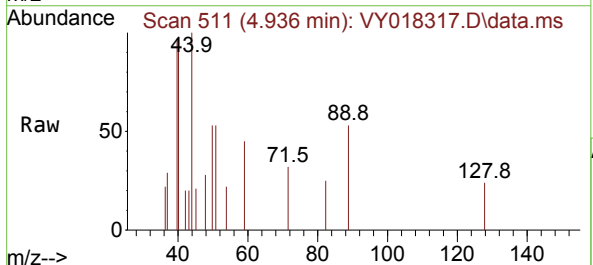
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-229RE

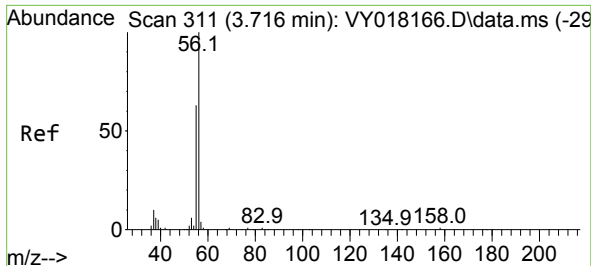
Tgt Ion:168 Resp: 31596
Ion Ratio Lower Upper
168 100
99 60.3 39.1 58.7#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

Tgt Ion: 59 Resp: 64
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

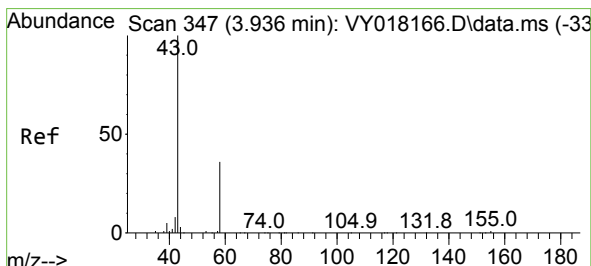
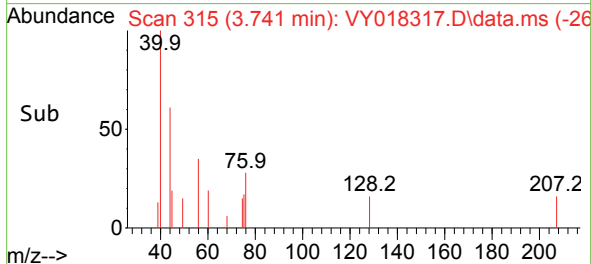
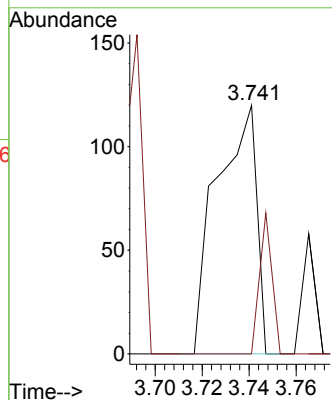
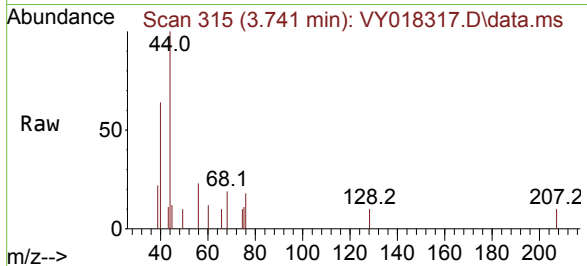




#13
Acrolein
Concen: 1.698 ug/l
RT: 3.741 min Scan# 311
Delta R.T. 0.025 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

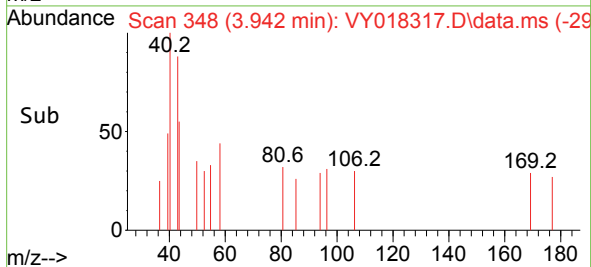
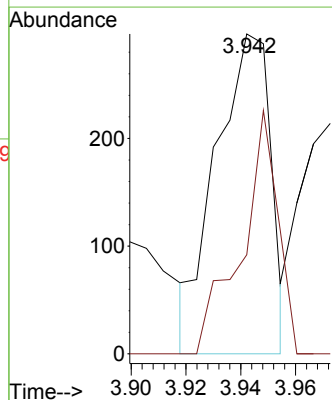
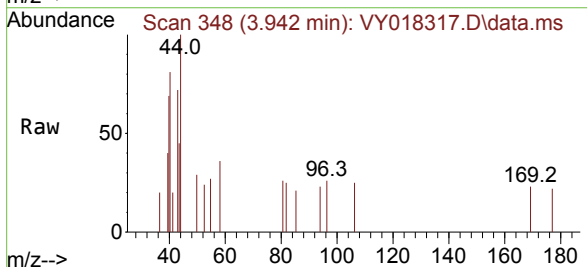
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-229RE

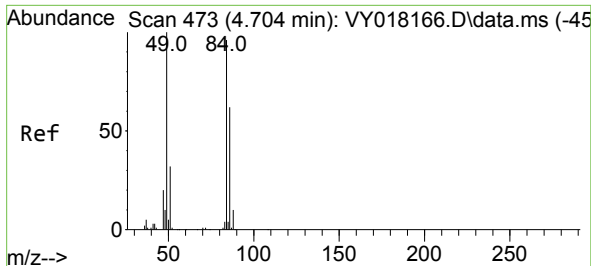
Tgt Ion: 56 Resp: 141
Ion Ratio Lower Upper
56 100
55 17.7 55.7 83.5#



#16
Acetone
Concen: 8.904 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

Tgt Ion: 43 Resp: 413
Ion Ratio Lower Upper
43 100
58 39.7 31.7 47.5

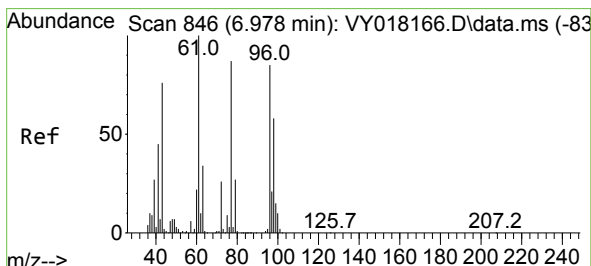
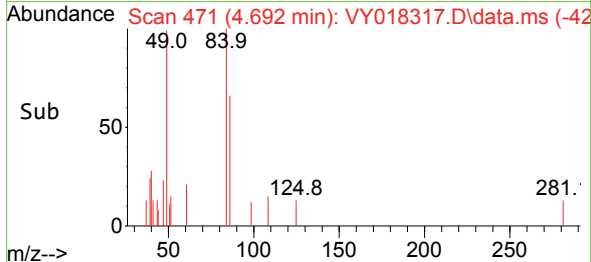
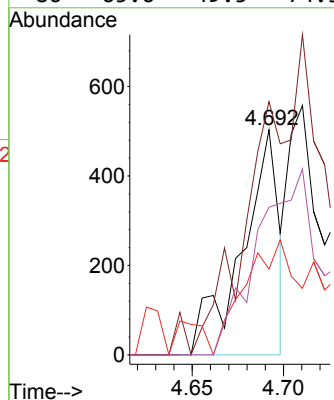
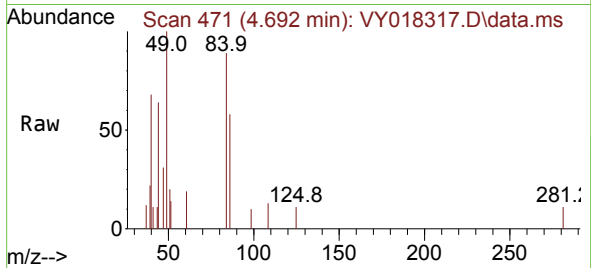




#20
Methylene Chloride
Concen: 2.138 ug/l
RT: 4.692 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

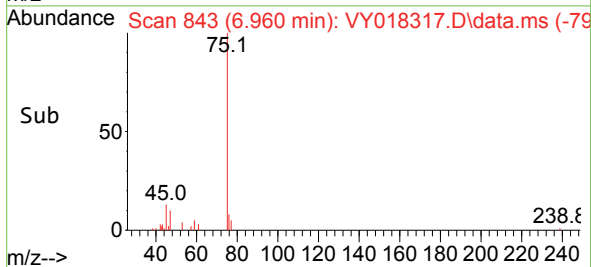
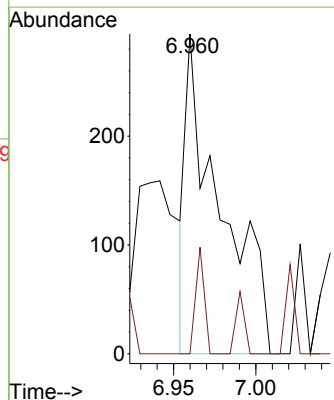
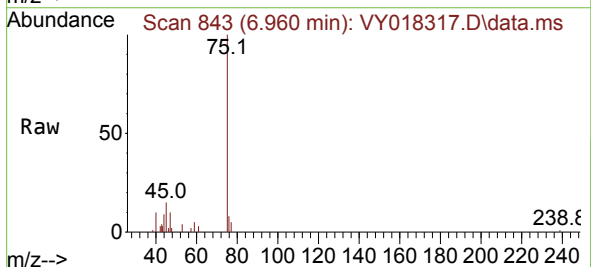
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-229RE

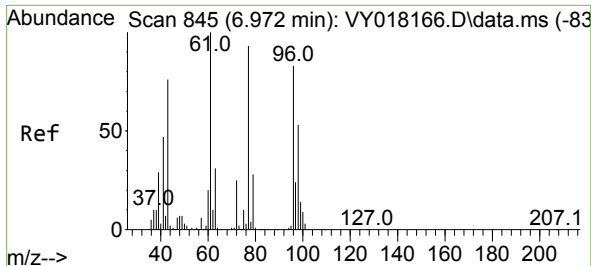
Tgt Ion:	84	Resp:	701
Ion	Ratio	Lower	Upper
84	100		
49	93.6	84.4	126.6
51	23.1	26.0	39.0#
86	65.6	49.5	74.3



#25
2-Butanone
Concen: 5.772 ug/l
RT: 6.960 min Scan# 843
Delta R.T. -0.018 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

Tgt Ion:	43	Resp:	428
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#

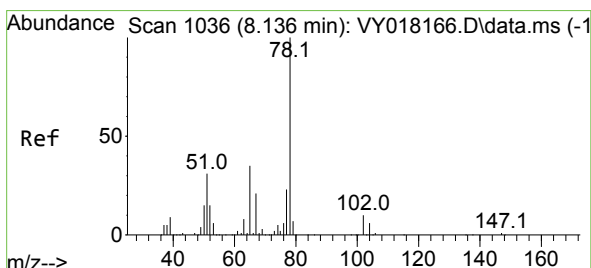
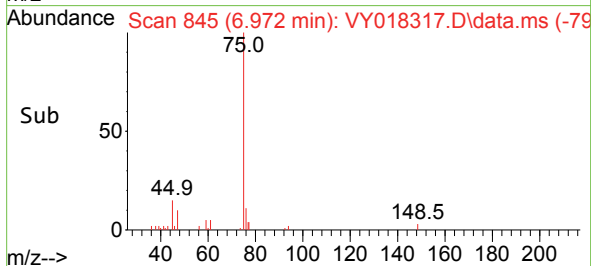
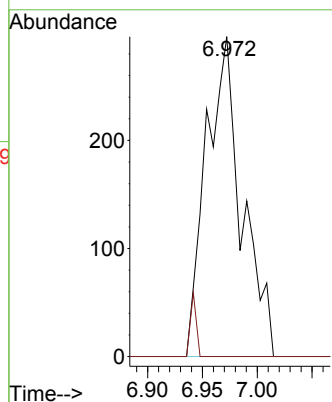
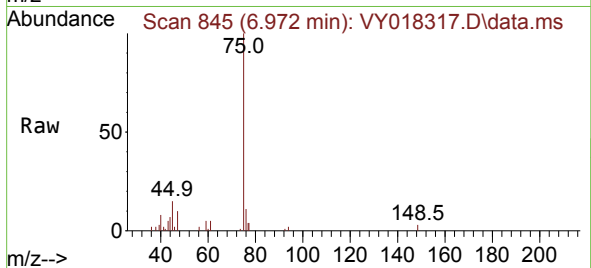




#26
2,2-Dichloropropane
Concen: 1.460 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

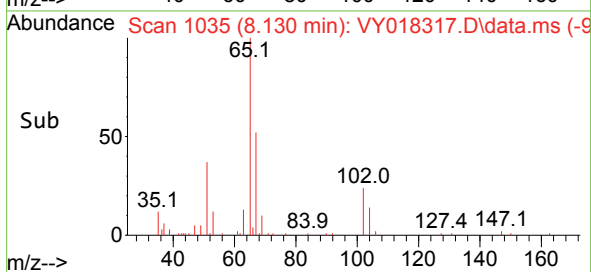
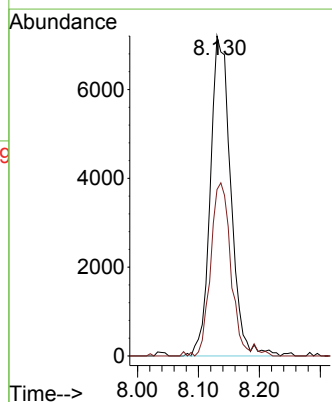
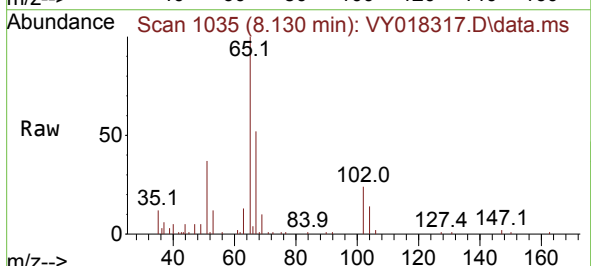
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-229RE

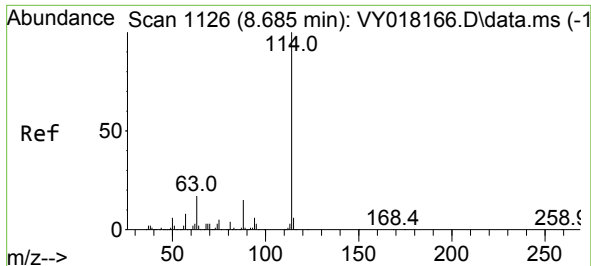
Tgt Ion: 77 Resp: 671
Ion Ratio Lower Upper
77 100
97 0.0 12.0 36.1#



#33
1,2-Dichloroethane-d4
Concen: 72.100 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

Tgt Ion: 65 Resp: 16759
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6

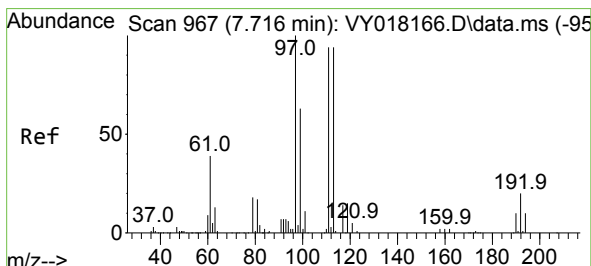
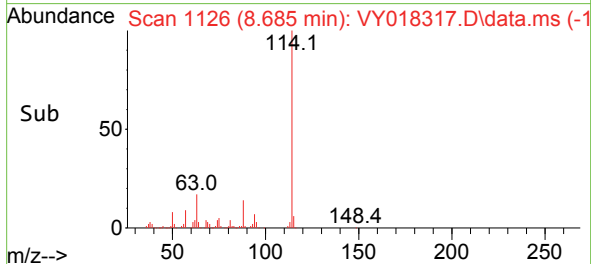
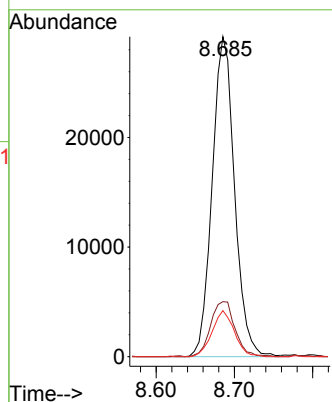
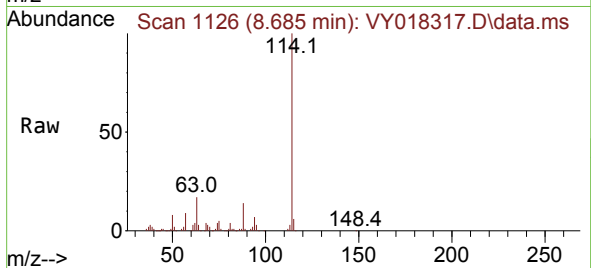




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

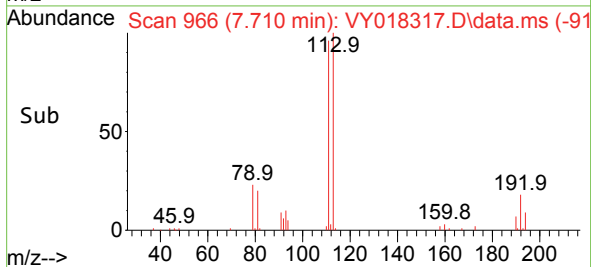
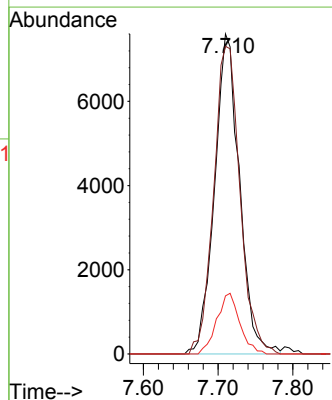
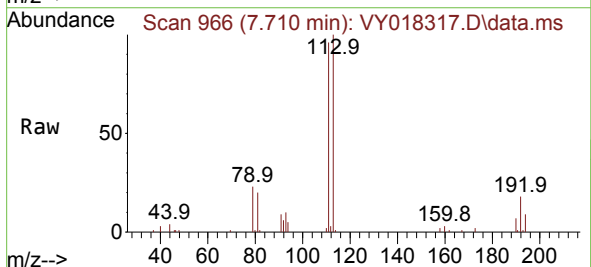
Instrument :
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ClientSampleId :
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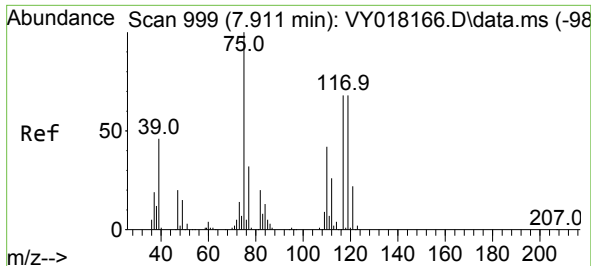
Tgt Ion:	114	Resp:	57906
Ion Ratio	Lower	Upper	
114	100		
63	17.2	0.0	35.0
88	14.4	0.0	27.2



#35
Dibromofluoromethane
Concen: 57.840 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

Tgt Ion:	113	Resp:	17602
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.2	123.4
192	17.5	15.9	23.9





#36

1,1-Dichloropropene

Concen: 6.388 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY018317.D

Acq: 17 May 2024 18:45

Instrument :

MSVOA_Y

ClientSampleId :

SW-04-229RE

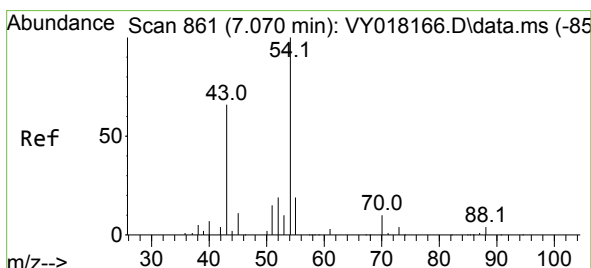
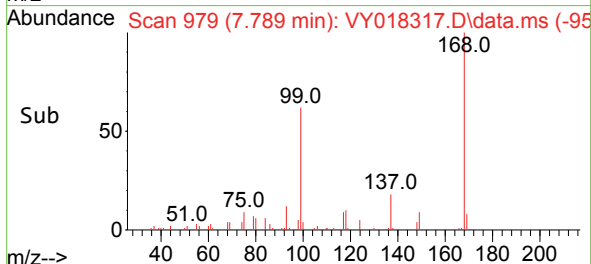
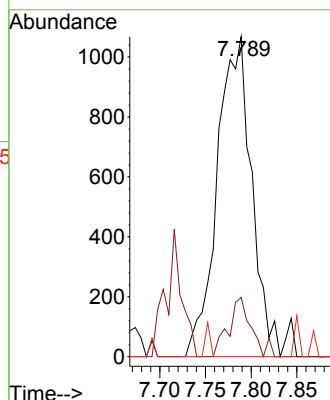
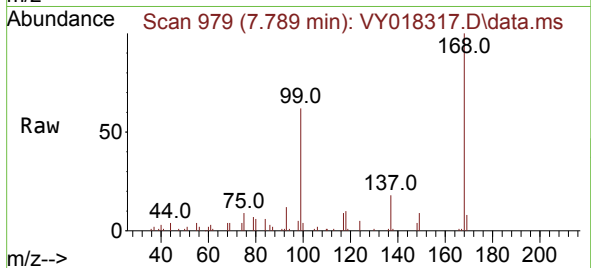
Tgt Ion: 75 Resp: 2787

Ion Ratio Lower Upper

75 100

110 12.3 19.0 57.0#

77 0.0 25.3 37.9#



#37

Ethyl Acetate

Concen: 1.040 ug/l

RT: 7.064 min Scan# 860

Delta R.T. -0.006 min

Lab File: VY018317.D

Acq: 17 May 2024 18:45

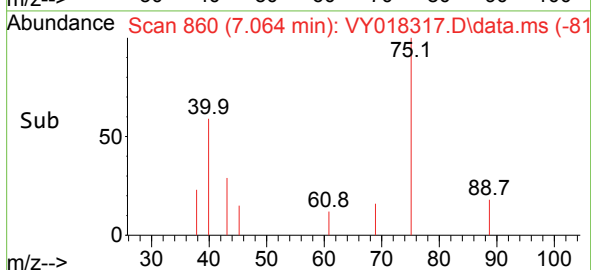
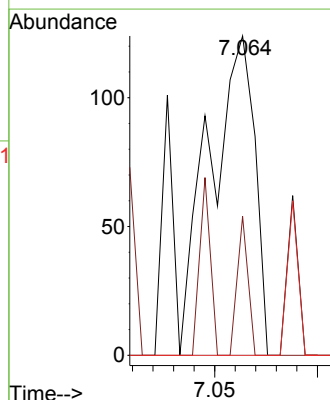
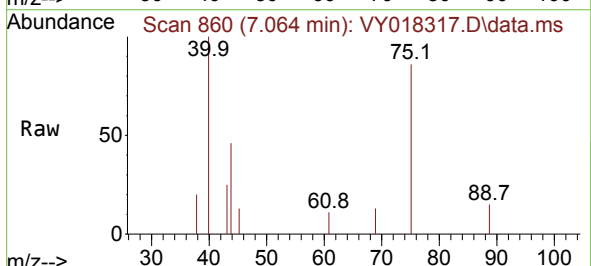
Tgt Ion: 43 Resp: 191

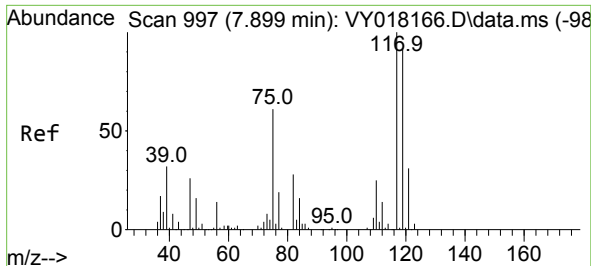
Ion Ratio Lower Upper

43 100

61 10.5 12.6 19.0#

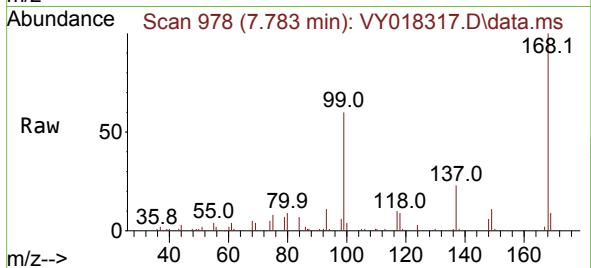
70 0.0 7.8 11.8#



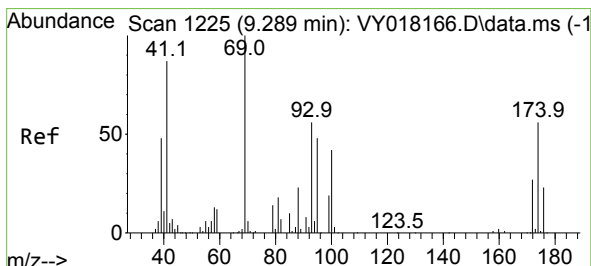
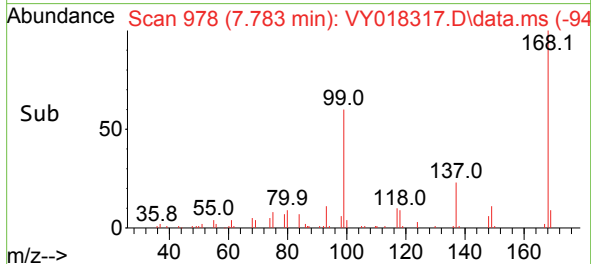
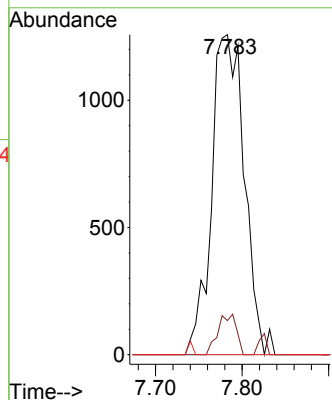


#38
Carbon Tetrachloride
Concen: 6.942 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

Instrument :
MSVOA_Y
ClientSampleId :
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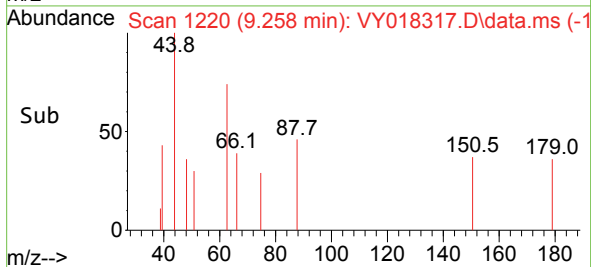
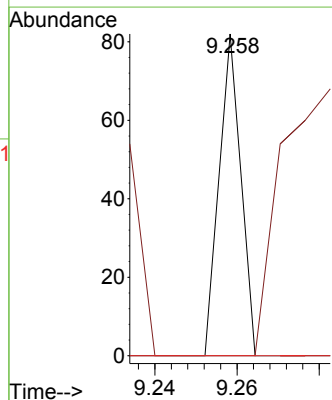
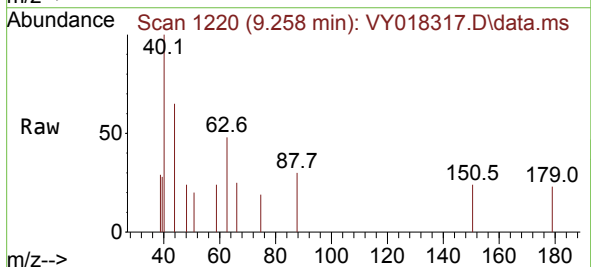


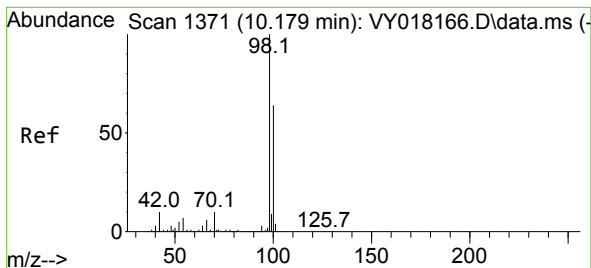
Tgt Ion:117 Resp: 3309
Ion Ratio Lower Upper
117 100
119 10.7 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 12.814 ug/l
RT: 9.258 min Scan# 1220
Delta R.T. -0.030 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 54.336 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018317.D

Acq: 17 May 2024 18:45

Instrument :

MSVOA_Y

ClientSampleId :

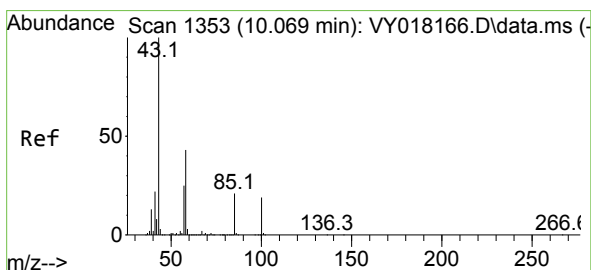
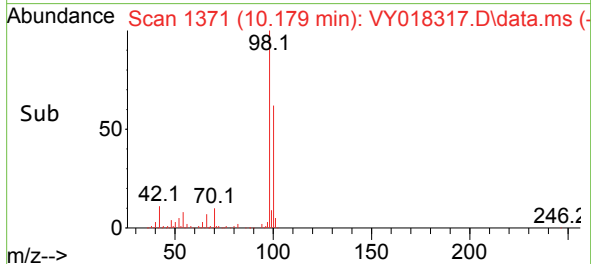
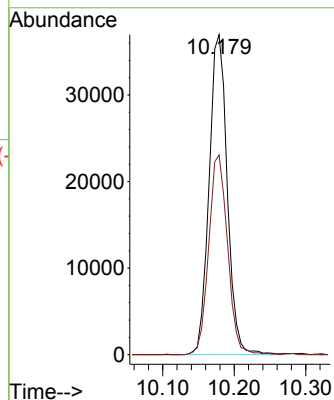
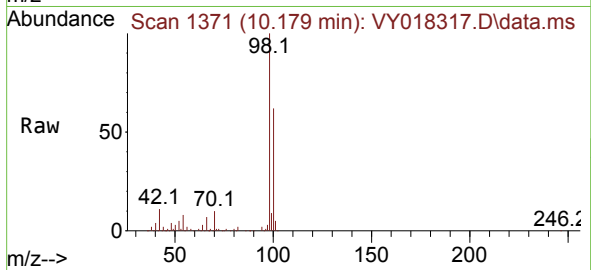
SW-04-229RE

Tgt Ion: 98 Resp: 65161

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 1.459 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. -0.006 min

Lab File: VY018317.D

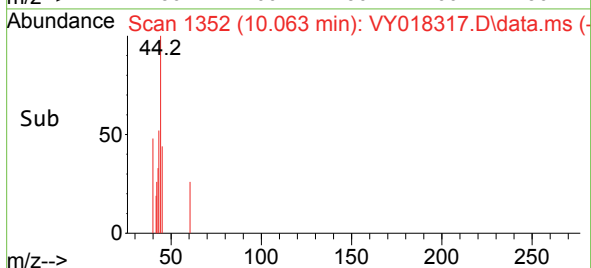
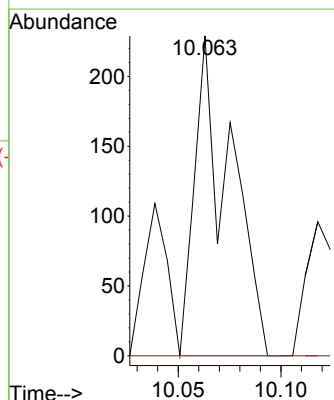
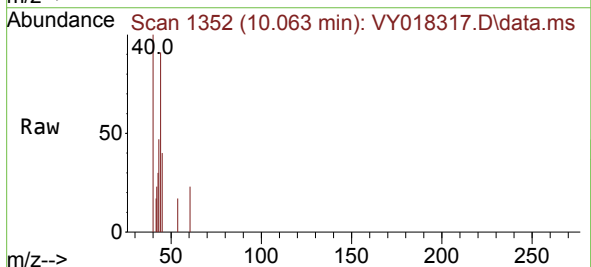
Acq: 17 May 2024 18:45

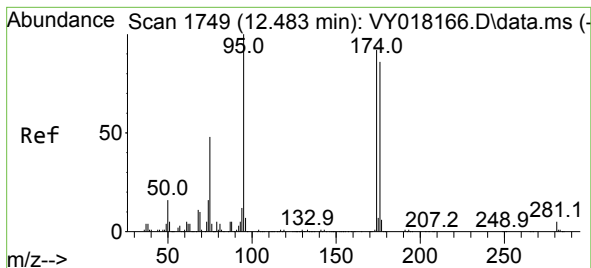
Tgt Ion: 43 Resp: 276

Ion Ratio Lower Upper

43 100

58 0.0 35.7 53.5#

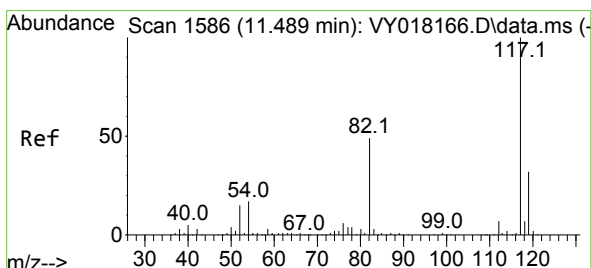
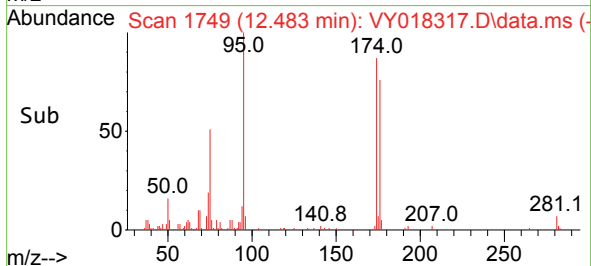
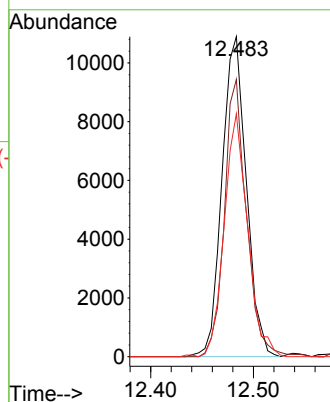
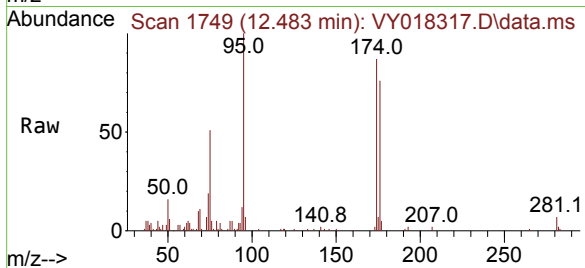




#62
4-Bromofluorobenzene
Concen: 46.117 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

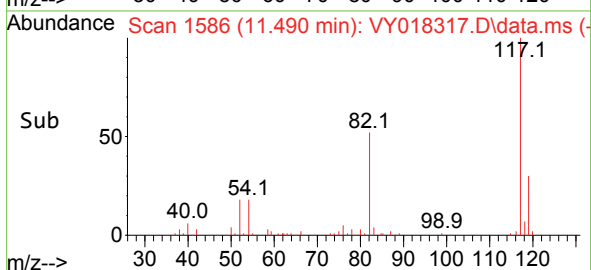
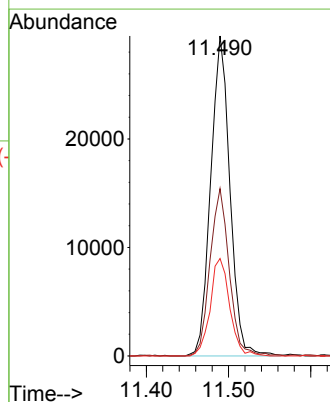
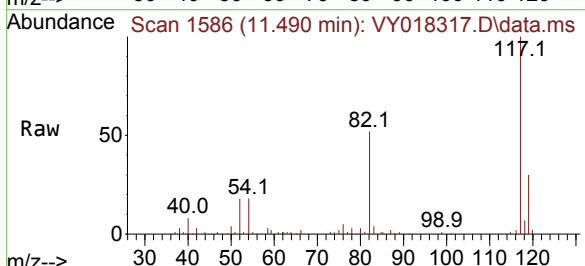
Instrument :
MSVOA_Y
ClientSampleId :
SW-04-229RE

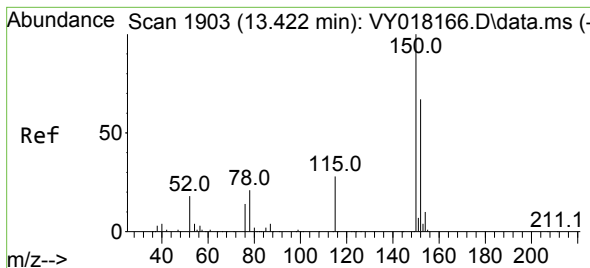
Tgt Ion: 95 Resp: 17860
Ion Ratio Lower Upper
95 100
174 78.9 0.0 175.6
176 73.5 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

Tgt Ion: 117 Resp: 47867
Ion Ratio Lower Upper
117 100
82 52.3 42.4 63.6
119 30.4 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: VY018317.D

Acq: 17 May 2024 18:45

Instrument :

MSVOA_Y

ClientSampleId :

SW-04-229RE

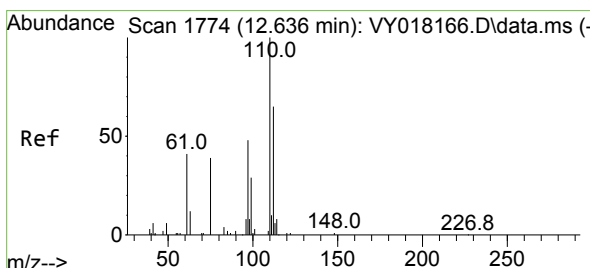
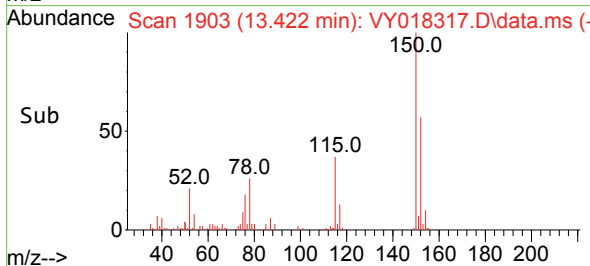
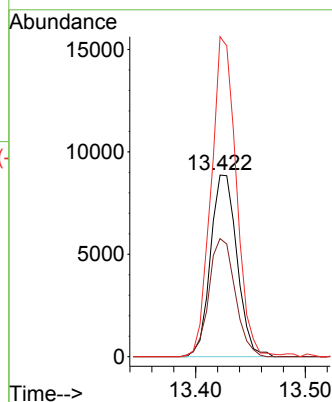
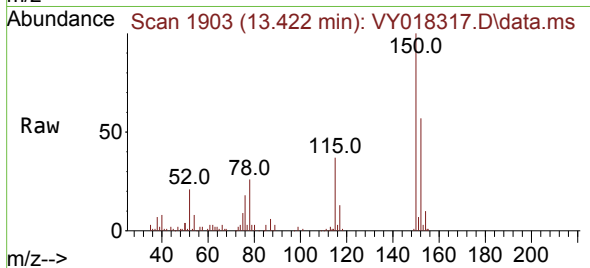
Tgt Ion:152 Resp: 14874

Ion Ratio Lower Upper

152 100

115 64.7 28.2 84.7

150 167.4 0.0 345.6



#76

1,2,3-Trichloropropane

Concen: 77.837 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018317.D

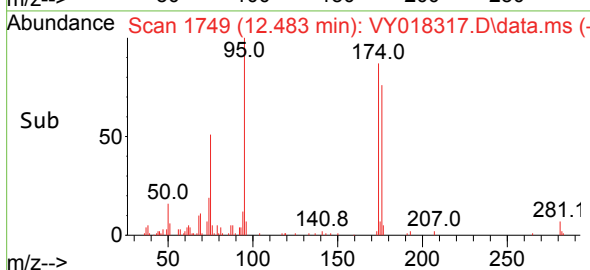
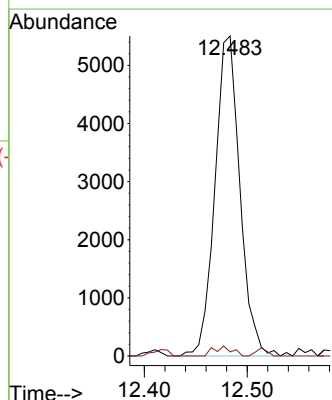
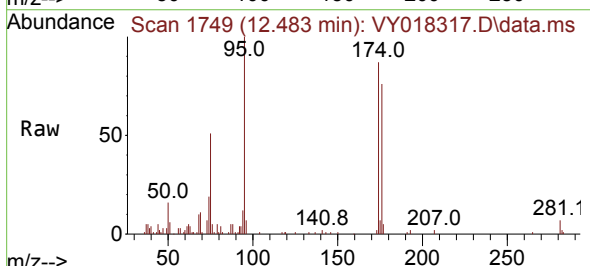
Acq: 17 May 2024 18:45

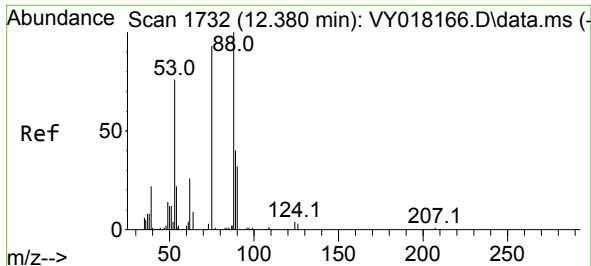
Tgt Ion: 75 Resp: 9267

Ion Ratio Lower Upper

75 100

77 2.2 0.0 0.0#

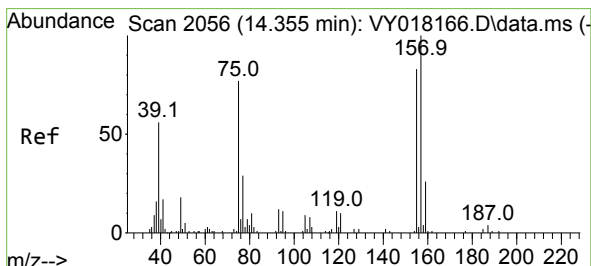
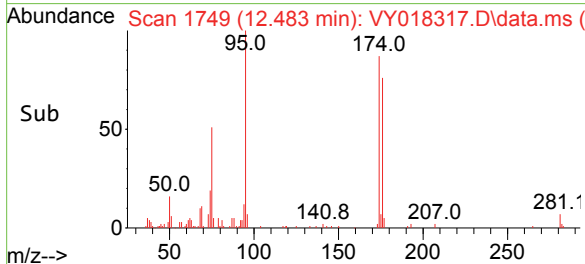
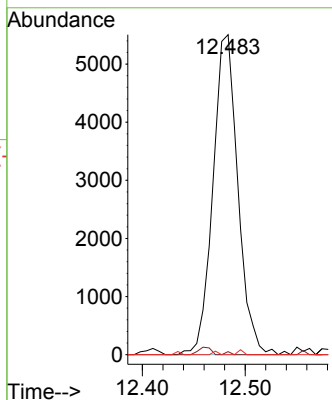
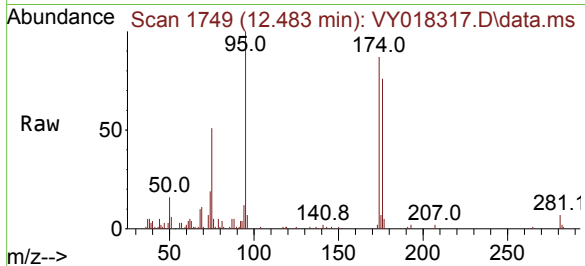




#81
trans-1,4-Dichloro-2-butene
Concen: 149.965 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

Instrument :
MSVOA_Y
ClientSampleId :
SW-04-229RE

Tgt Ion: 75 Resp: 9267
Ion Ratio Lower Upper
75 100
53 0.2 66.8 100.2#
89 0.3 35.8 53.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.032 ug/l
RT: 14.337 min Scan# 2053
Delta R.T. -0.018 min
Lab File: VY018317.D
Acq: 17 May 2024 18:45

Tgt Ion: 75 Resp: 25
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#

