

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018278.D
 Acq On : 15 May 2024 17:26
 Operator : SY/MD
 Sample : P2474-02RE
 Misc : 3.18g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-114-SB01

Quant Time: May 16 03:08:57 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)

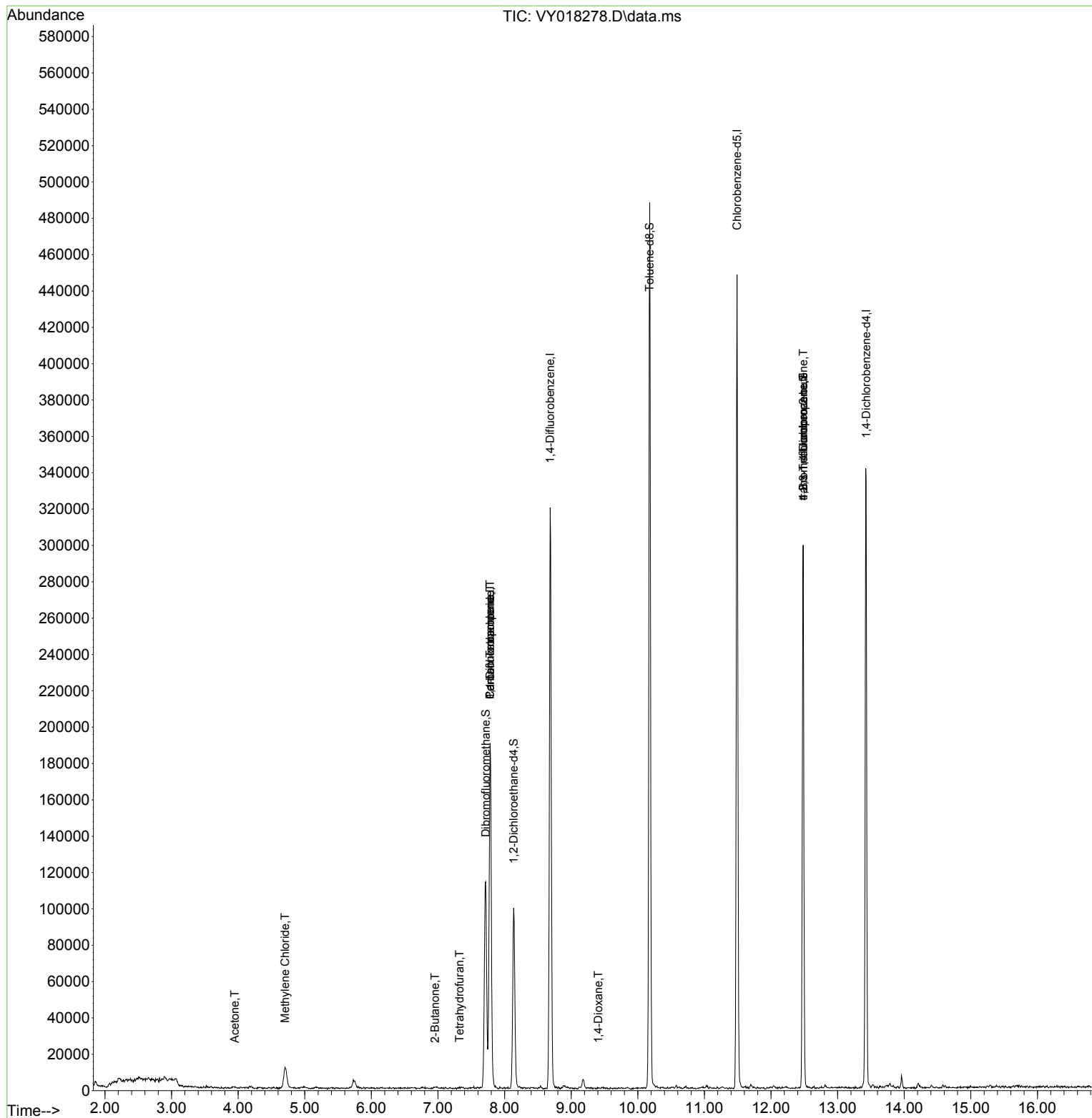
Internal Standards						
1) Pentafluorobenzene	7.782	168	145117	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	284188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246327	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87095	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73327	68.685	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.380%			
35) Dibromofluoromethane	7.715	113	82778	55.424	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.840%			
50) Toluene-d8	10.178	98	322989	54.879	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.760%			
62) 4-Bromofluorobenzene	12.483	95	93359	49.119	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 98.240%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	312	Below Cal	#	49
13) Acrolein	3.686	56	44	Below Cal	#	1
16) Acetone	3.948	43	802	3.764	ug/l	97
20) Methylene Chloride	4.704	84	9111	6.050	ug/l	94
25) 2-Butanone	6.953	43	404	1.186	ug/l #	41
29) Tetrahydrofuran	7.325	42	330	1.468	ug/l #	26
31) Cyclohexane	7.782	56	4344	Below Cal	#	9
36) 1,1-Dichloropropene	7.782	75	10767	5.029	ug/l #	50
38) Carbon Tetrachloride	7.782	117	14642	6.259	ug/l #	17
49) 1,4-Dioxane	9.404	88	19	1.654	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	46792	67.120	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46792	129.318	ug/l #	16

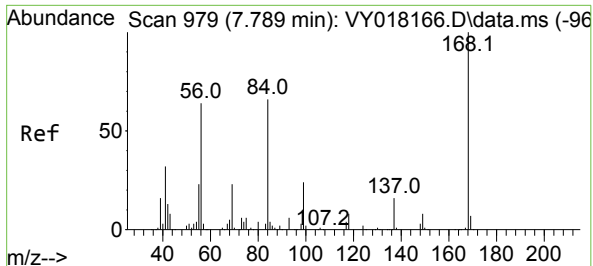
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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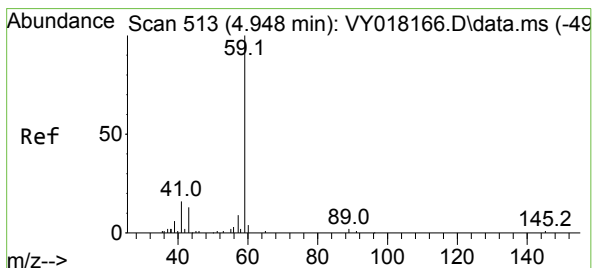
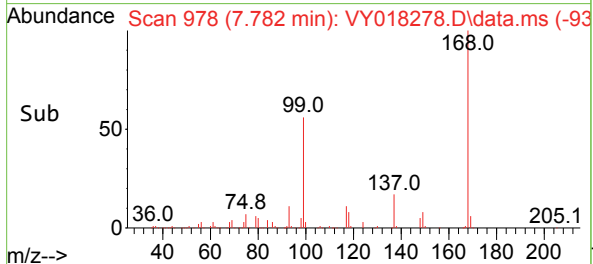
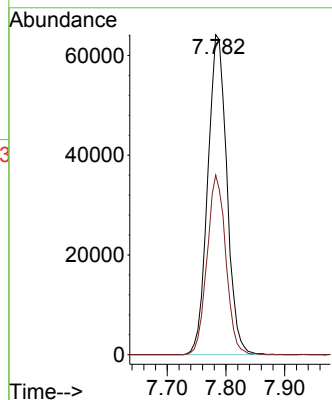
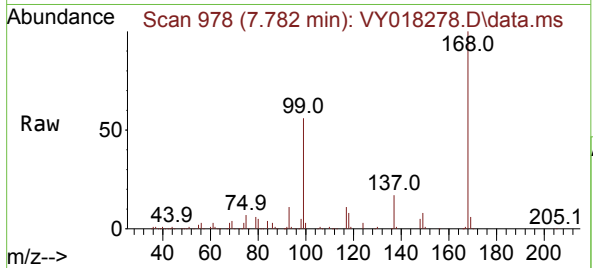




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

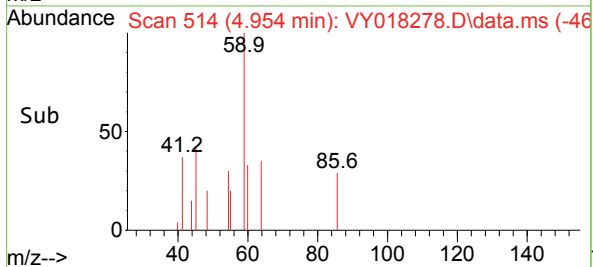
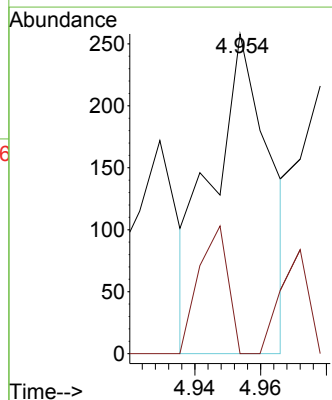
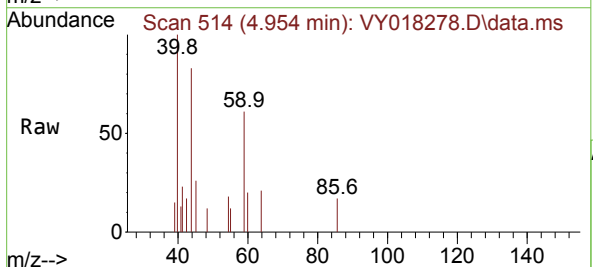
Instrument :
MSVOA_Y
ClientSampleId :
B-114-SB01

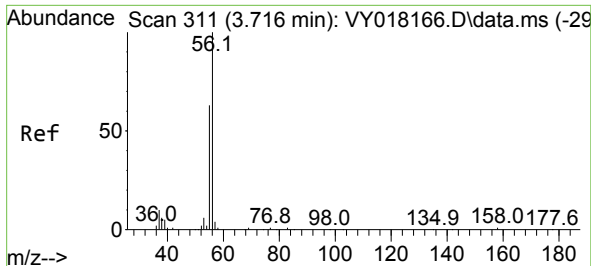
Tgt Ion:168 Resp: 145117
Ion Ratio Lower Upper
168 100
99 56.1 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

Tgt Ion: 59 Resp: 312
Ion Ratio Lower Upper
59 100
57 20.5 3.0 4.6#

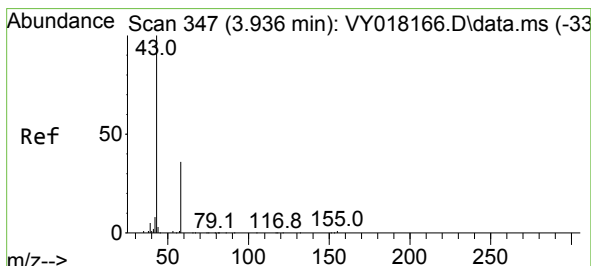
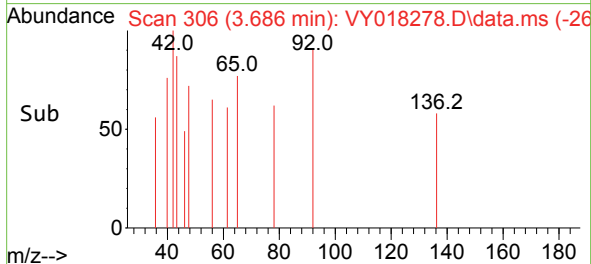
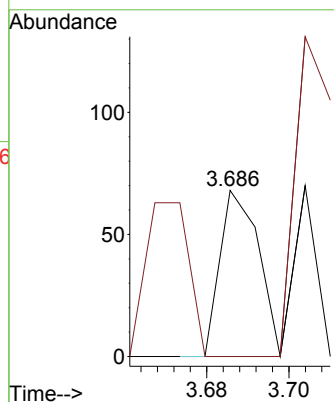
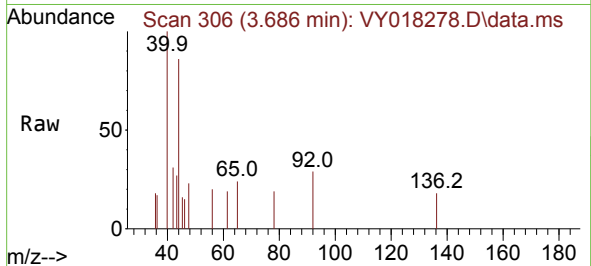




#13
Acrolein
Concen: Below Cal
RT: 3.686 min Scan# 306
Delta R.T. -0.030 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

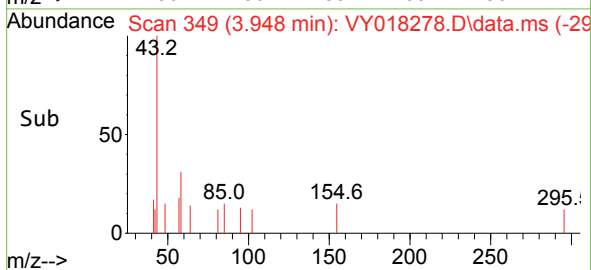
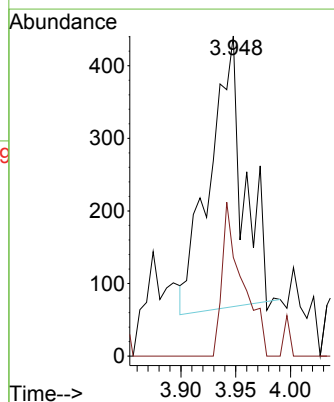
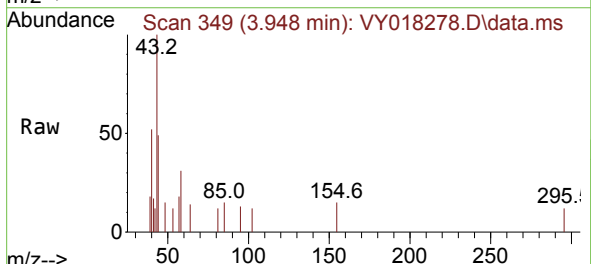
Instrument :
MSVOA_Y
ClientSampleId :
B-114-SB01

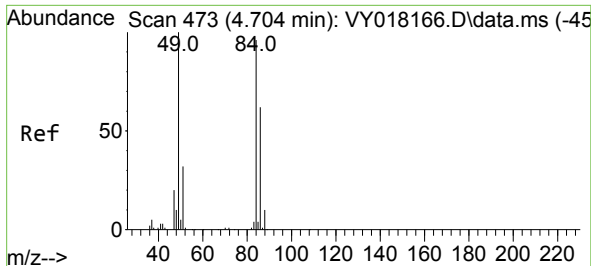
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 240.9 55.7 83.5#



#16
Acetone
Concen: 3.764 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

Tgt Ion: 43 Resp: 802
Ion Ratio Lower Upper
43 100
58 37.5 31.7 47.5

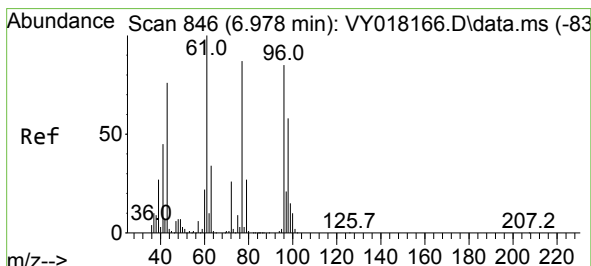
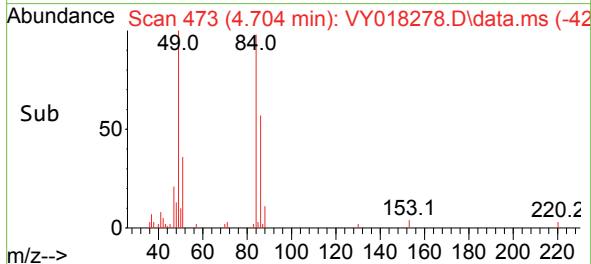
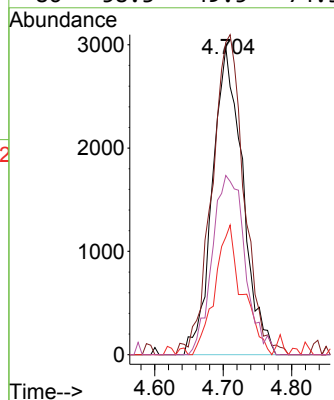
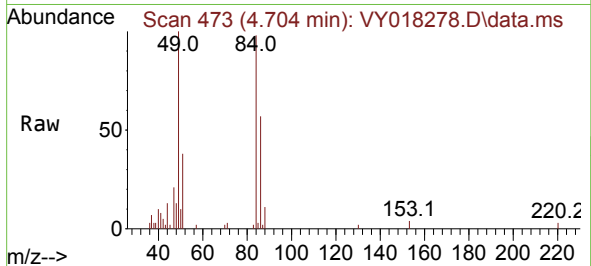




#20
Methylene Chloride
Concen: 6.050 ug/l
RT: 4.704 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

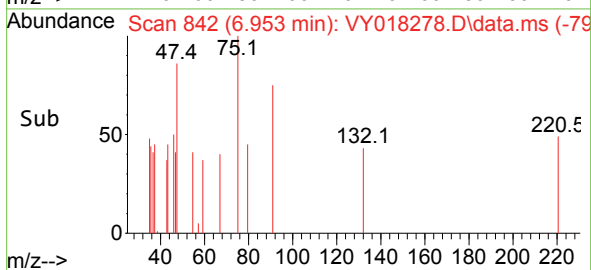
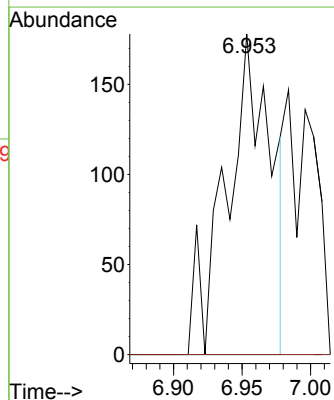
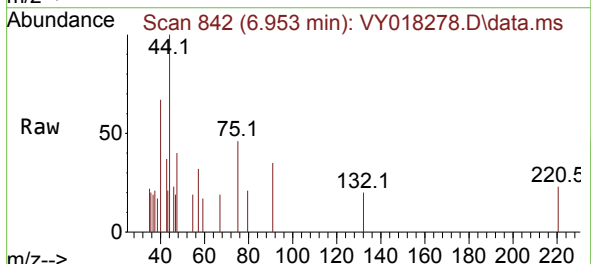
Instrument :
MSVOA_Y
ClientSampleId :
B-114-SB01

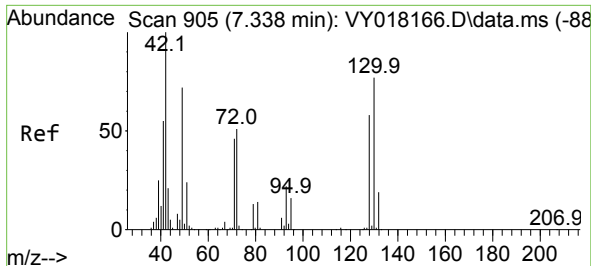
Tgt Ion:	84	Resp:	9111
Ion	Ratio	Lower	Upper
84	100		
49	99.1	84.4	126.6
51	36.4	26.0	39.0
86	58.3	49.5	74.3



#25
2-Butanone
Concen: 1.186 ug/l
RT: 6.953 min Scan# 842
Delta R.T. -0.025 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

Tgt Ion:	43	Resp:	404
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#





#29

Tetrahydrofuran

Concen: 1.468 ug/l

RT: 7.325 min Scan# 905

Delta R.T. -0.013 min

Lab File: VY018278.D

Acq: 15 May 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

B-114-SB01

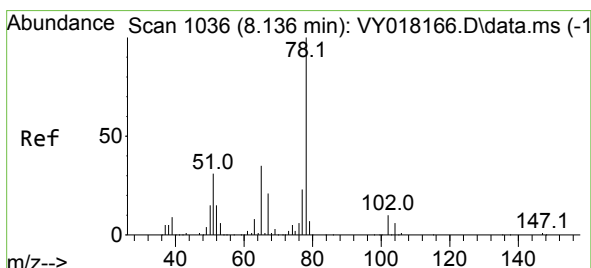
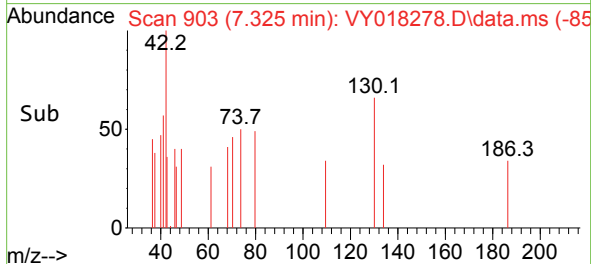
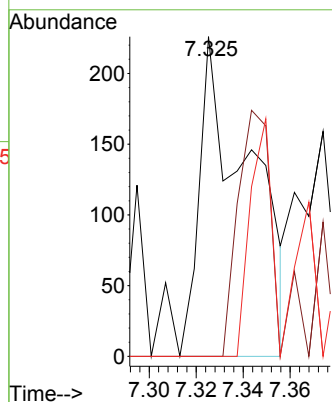
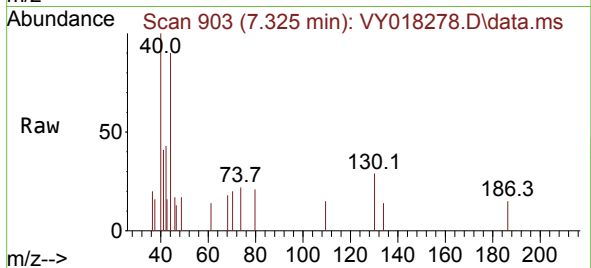
Tgt Ion: 42 Resp: 330

Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

71 0.0 40.8 61.2#



#33

1,2-Dichloroethane-d4

Concen: 68.685 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018278.D

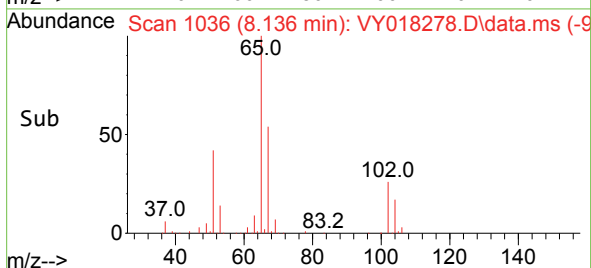
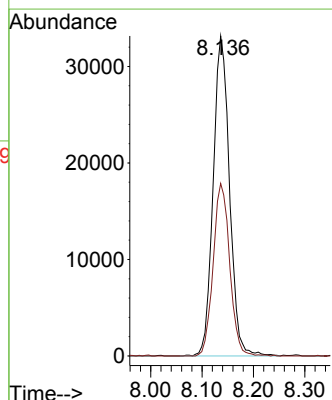
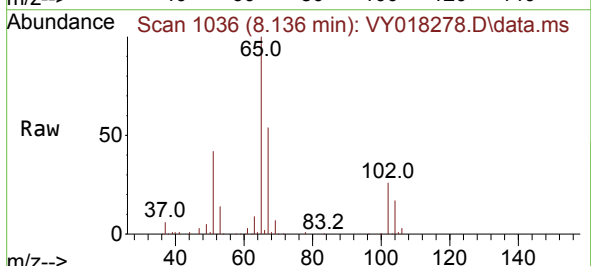
Acq: 15 May 2024 17:26

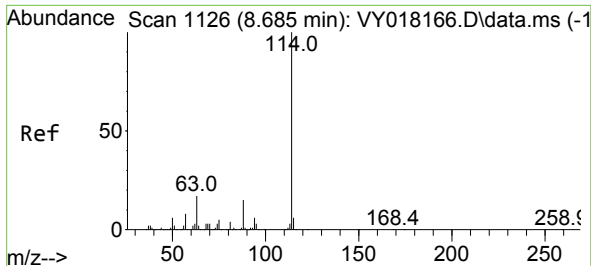
Tgt Ion: 65 Resp: 73327

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6

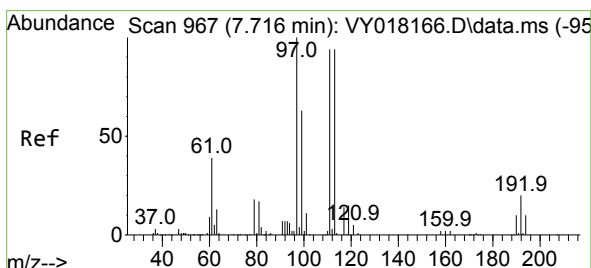
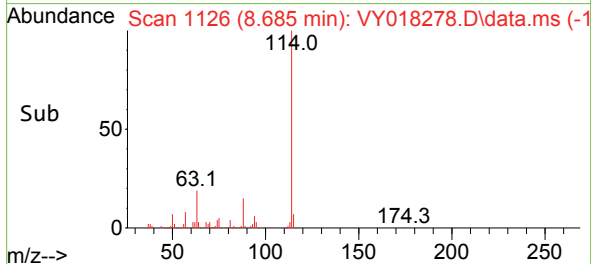
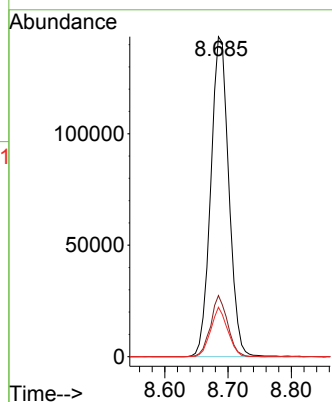
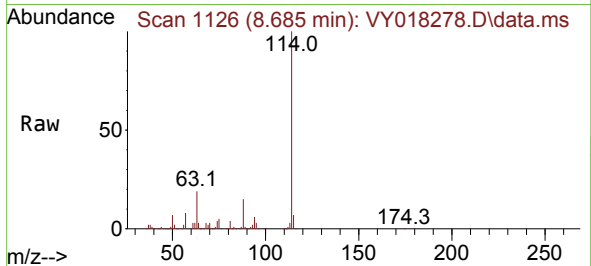




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

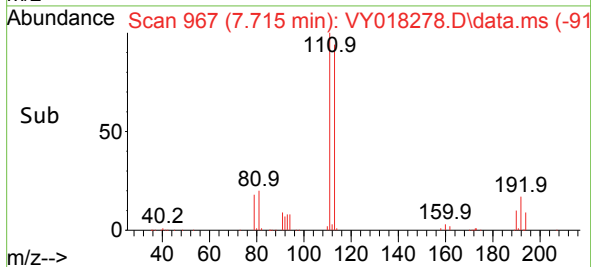
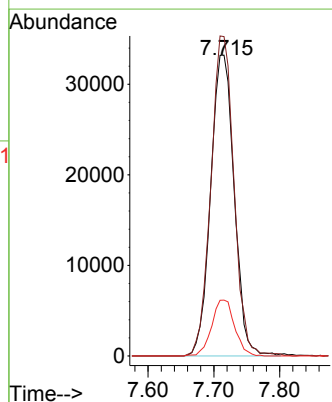
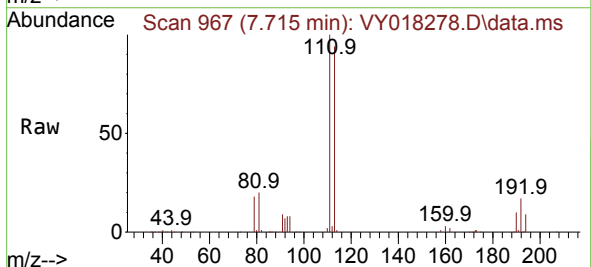
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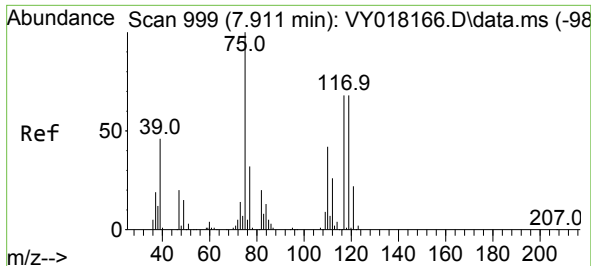
Tgt Ion:114	Resp:	284188
Ion Ratio	Lower	Upper
114	100	
63	19.1	0.0 35.0
88	15.4	0.0 27.2



#35
Dibromofluoromethane
Concen: 55.424 ug/l
RT: 7.715 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

Tgt Ion:113	Resp:	82778
Ion Ratio	Lower	Upper
113	100	
111	104.3	82.2 123.4
192	18.1	15.9 23.9

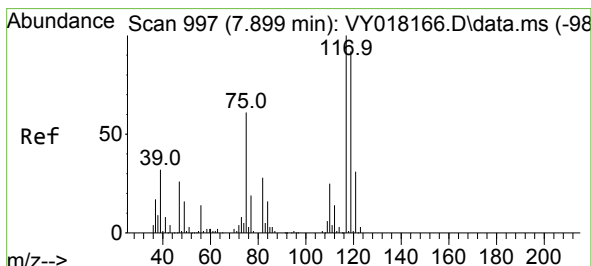
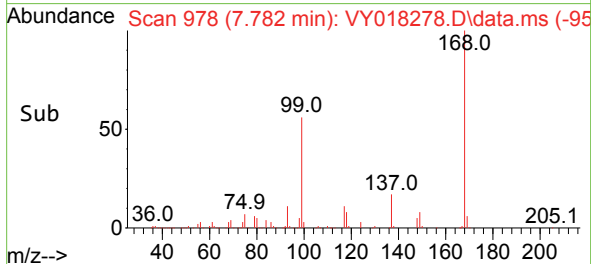
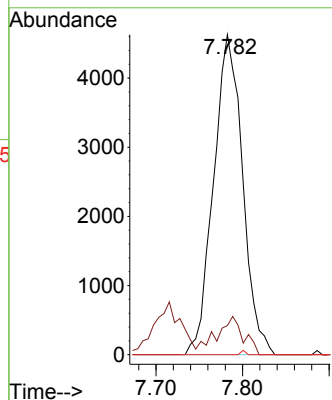
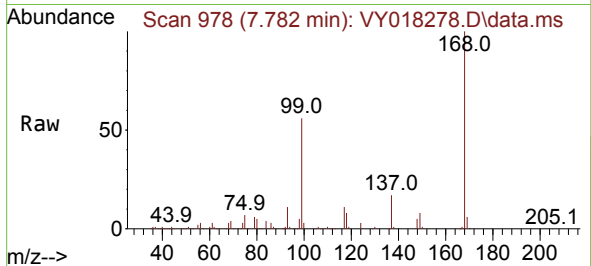




#36
 1,1-Dichloropropene
 Concen: 5.029 ug/l
 RT: 7.782 min Scan# 91
 Delta R.T. -0.128 min
 Lab File: VY018278.D
 Acq: 15 May 2024 17:26

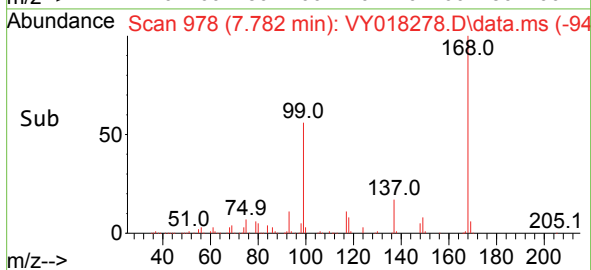
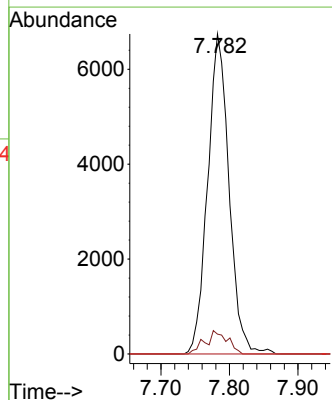
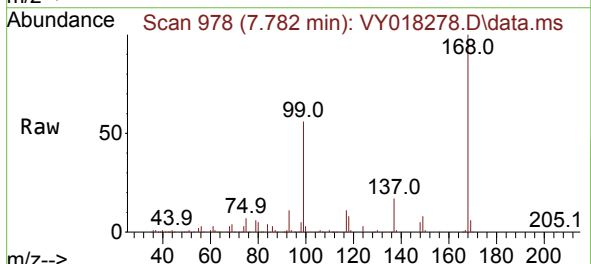
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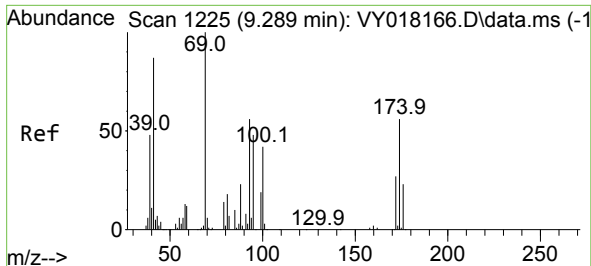
Tgt Ion: 75 Resp: 10767
 Ion Ratio Lower Upper
 75 100
 110 11.1 19.0 57.0#
 77 0.2 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.259 ug/l
 RT: 7.782 min Scan# 978
 Delta R.T. -0.116 min
 Lab File: VY018278.D
 Acq: 15 May 2024 17:26

Tgt Ion: 117 Resp: 14642
 Ion Ratio Lower Upper
 117 100
 119 6.2 75.8 113.6#
 121 0.0 24.0 36.0#





#49

1,4-Dioxane

Concen: 1.654 ug/l

RT: 9.404 min Scan# 1244

Delta R.T. 0.116 min

Lab File: VY018278.D

Acq: 15 May 2024 17:26

Instrument :

MSVOA_Y

ClientSampleId :

B-114-SB01

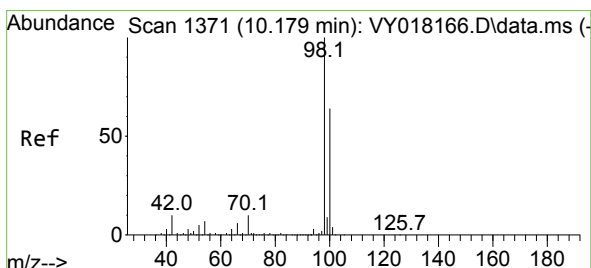
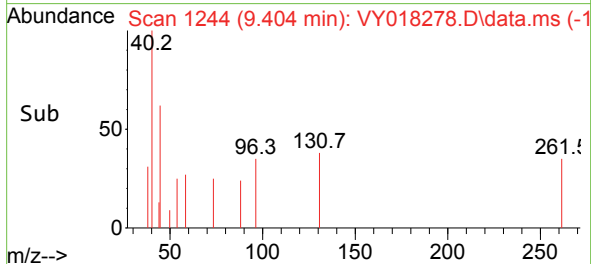
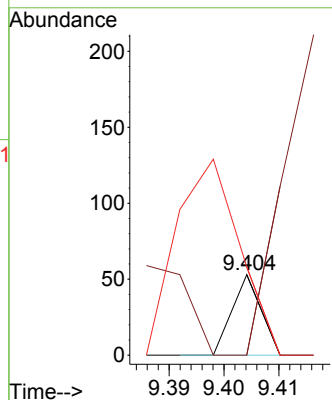
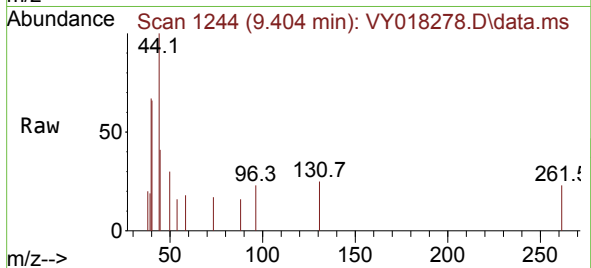
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 215.8 0.0 0.0#

58 547.4 49.3 73.9#



#50

Toluene-d8

Concen: 54.879 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY018278.D

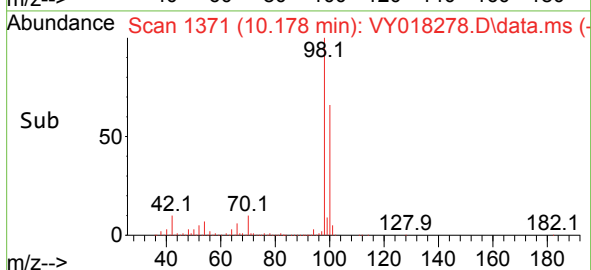
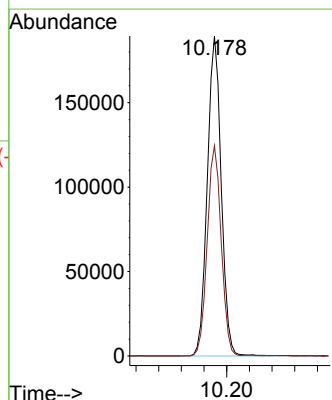
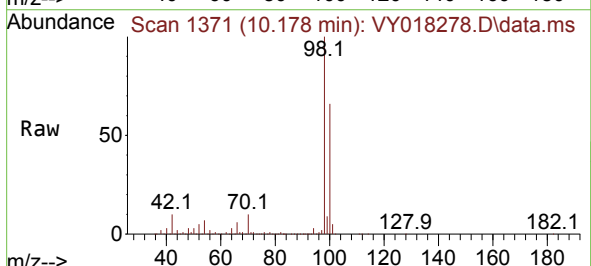
Acq: 15 May 2024 17:26

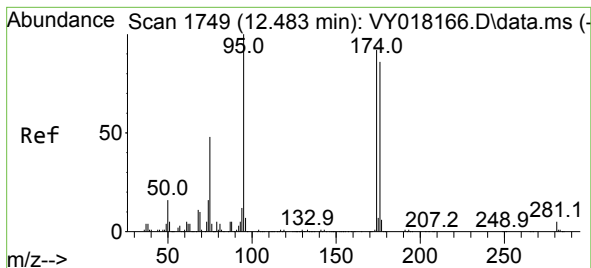
Tgt Ion: 98 Resp: 322989

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0

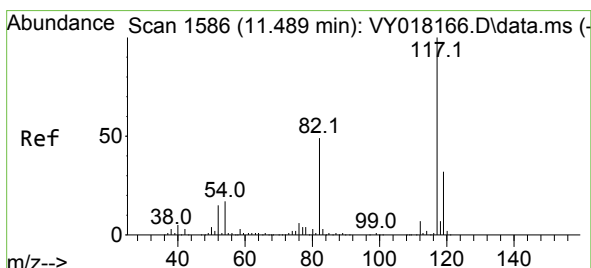
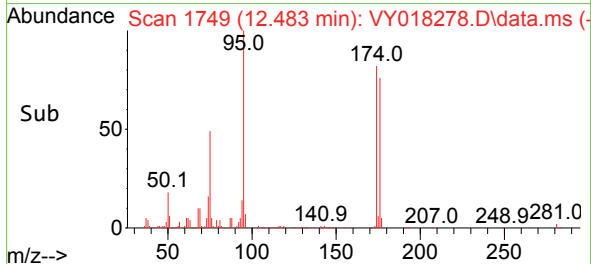
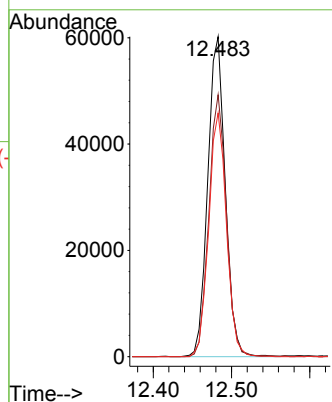
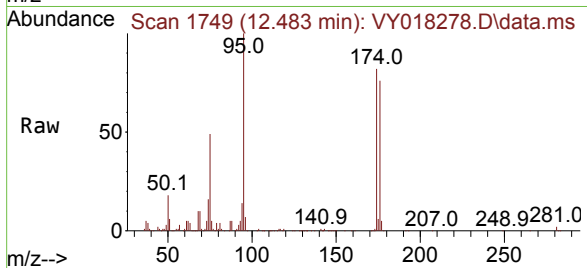




#62
4-Bromofluorobenzene
Concen: 49.119 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

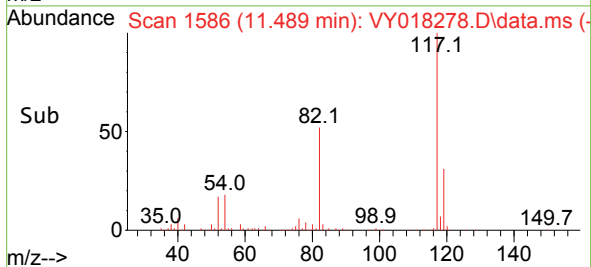
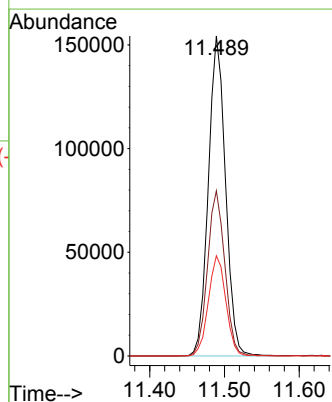
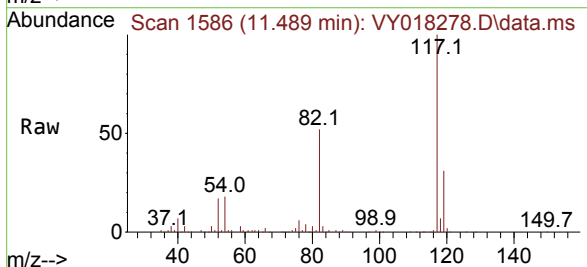
Instrument :
MSVOA_Y
ClientSampleId :
B-114-SB01

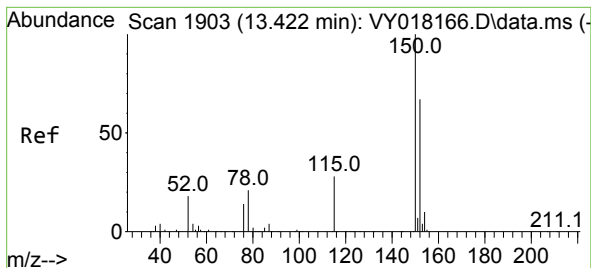
Tgt Ion: 95 Resp: 93359
Ion Ratio Lower Upper
95 100
174 82.2 0.0 175.6
176 76.9 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

Tgt Ion: 117 Resp: 246327
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 31.3 25.9 38.9

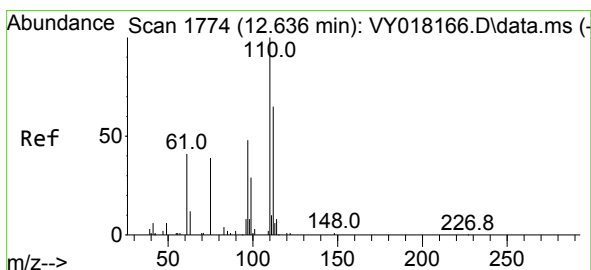
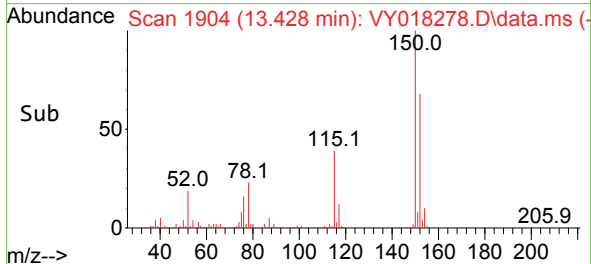
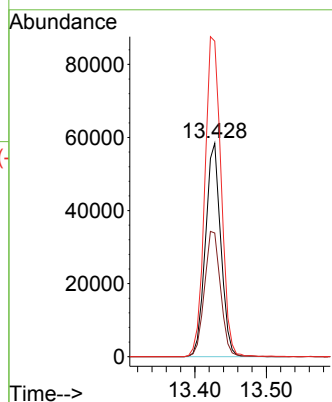
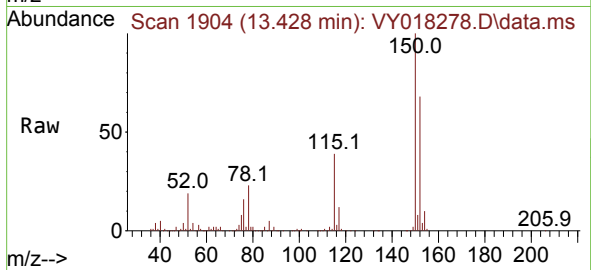




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

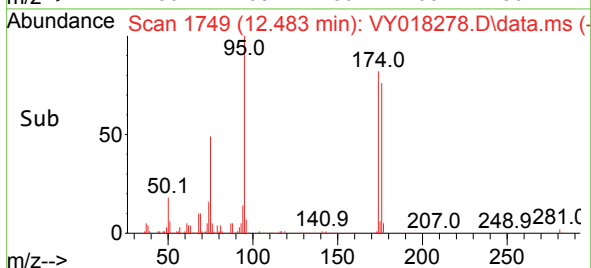
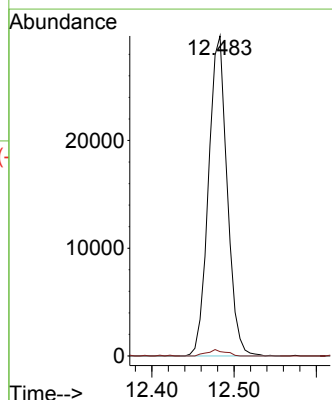
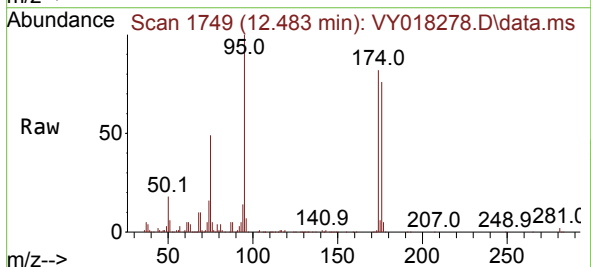
Instrument :
MSVOA_Y
ClientSampleId :
B-114-SB01

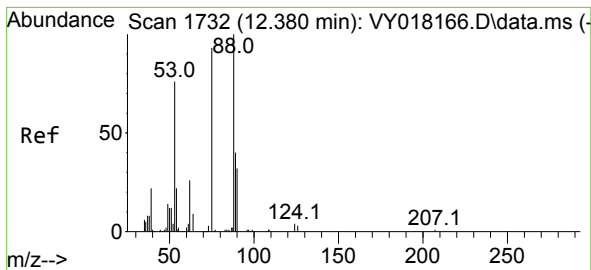
Tgt Ion:152 Resp: 87095
Ion Ratio Lower Upper
152 100
115 61.5 28.2 84.7
150 158.8 0.0 345.6



#76
1,2,3-Trichloropropane
Concen: 67.120 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY018278.D
Acq: 15 May 2024 17:26

Tgt Ion: 75 Resp: 46792
Ion Ratio Lower Upper
75 100
77 2.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.318 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY018278.D
 Acq: 15 May 2024 17:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-114-SB01

Tgt Ion: 75 Resp: 46792
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.1 35.8 53.6#

