

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051524\
 Data File : VY018275.D
 Acq On : 15 May 2024 16:14
 Operator : SY/MD
 Sample : P2482-05
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-02-229

Quant Time: May 16 03:07:38 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)

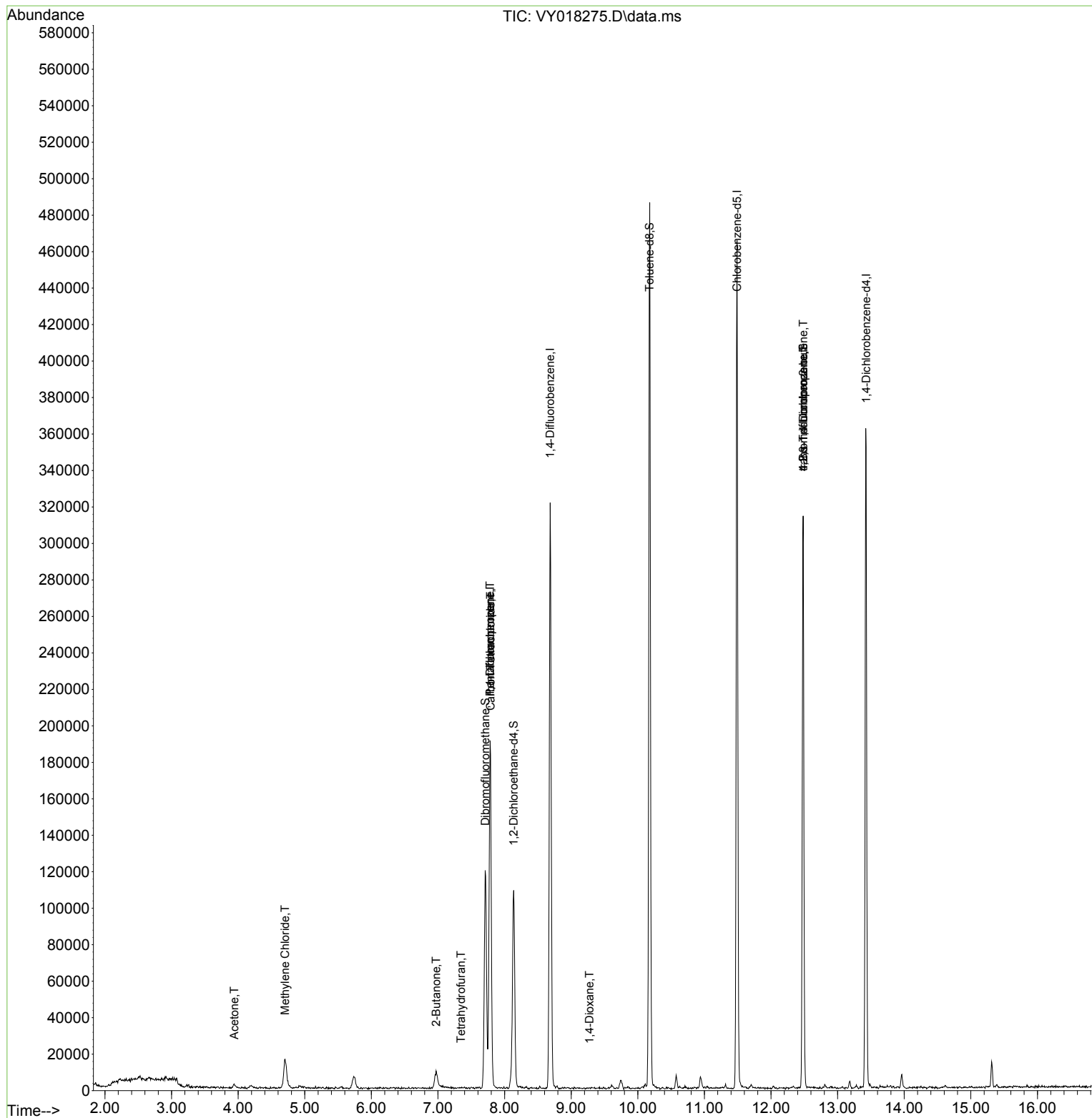
Internal Standards						
1) Pentafluorobenzene	7.783	168	150125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	287788	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	256716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76225	69.018	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.040%	
35) Dibromofluoromethane	7.710	113	85211	56.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.680%	
50) Toluene-d8	10.179	98	324892	54.512	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.020%	
62) 4-Bromofluorobenzene	12.483	95	97086	50.441	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.880%	
Target Compounds						
						Qvalue
13) Acrolein	3.729	56	144	Below Cal	#	70
16) Acetone	3.942	43	3369	15.286	ug/l #	73
20) Methylene Chloride	4.704	84	12215	7.841	ug/l	95
25) 2-Butanone	6.972	43	832	2.362	ug/l	90
29) Tetrahydrofuran	7.344	42	297	1.277	ug/l #	33
31) Cyclohexane	7.789	56	3401	Below Cal	#	14
36) 1,1-Dichloropropene	7.783	75	11844	5.463	ug/l #	40
38) Carbon Tetrachloride	7.789	117	14654	6.185	ug/l #	18
49) 1,4-Dioxane	9.276	88	20	1.719	ug/l #	20
76) 1,2,3-Trichloropropane	12.483	75	49314	65.578	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49314	126.346	ug/l #	16

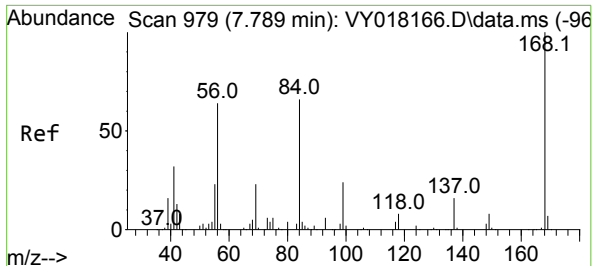
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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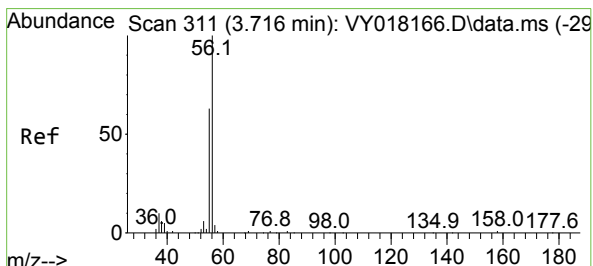
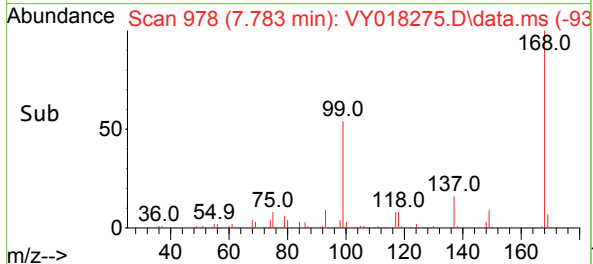
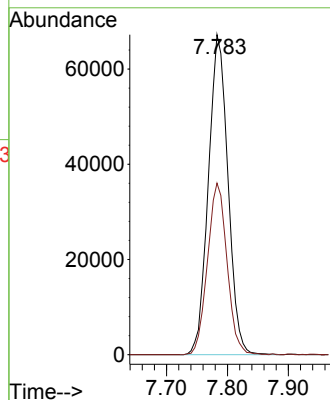
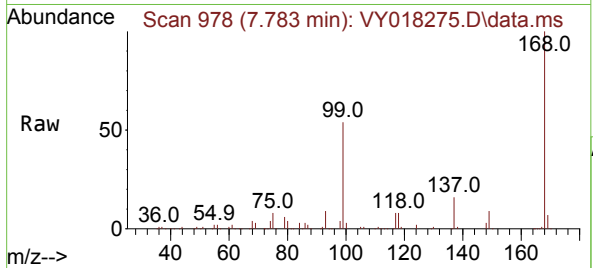




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018275.D
Acq: 15 May 2024 16:14

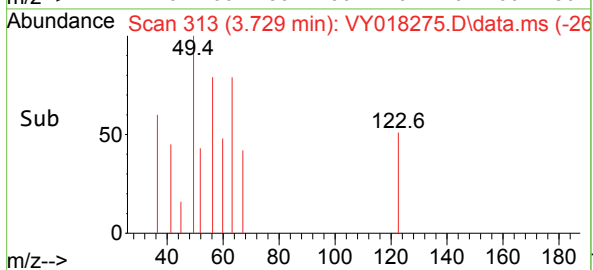
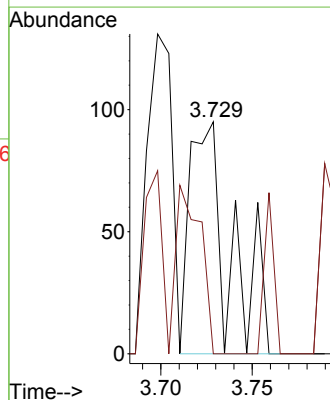
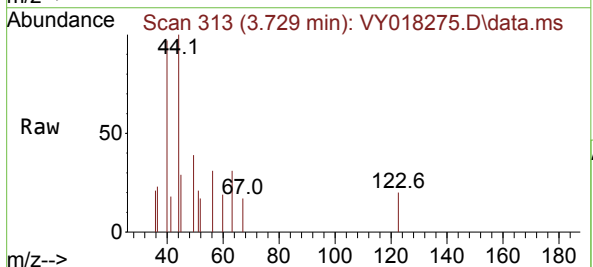
Instrument :
MSVOA_Y
ClientSampleId :
B-02-229

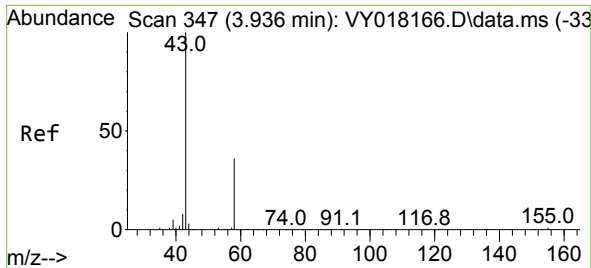
Tgt Ion:168 Resp: 150125
Ion Ratio Lower Upper
168 100
99 53.6 39.1 58.7



#13
Acrolein
Concen: Below Cal
RT: 3.729 min Scan# 313
Delta R.T. 0.013 min
Lab File: VY018275.D
Acq: 15 May 2024 16:14

Tgt Ion: 56 Resp: 144
Ion Ratio Lower Upper
56 100
55 45.1 55.7 83.5#





#16

Acetone

Concen: 15.286 ug/l

RT: 3.942 min Scan# 34

Delta R.T. 0.006 min

Lab File: VY018275.D

Acq: 15 May 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

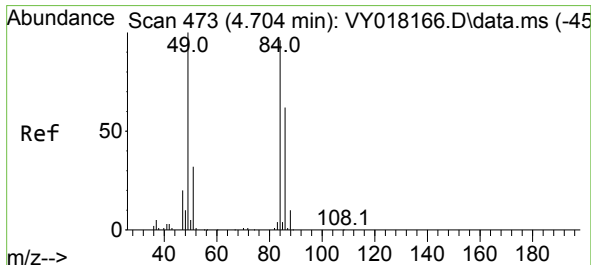
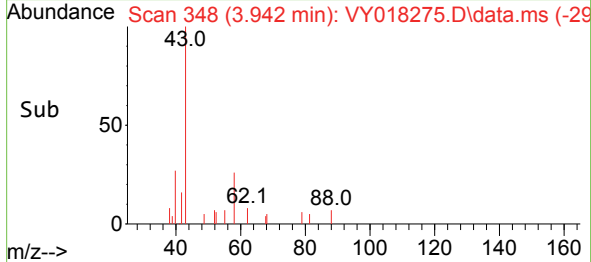
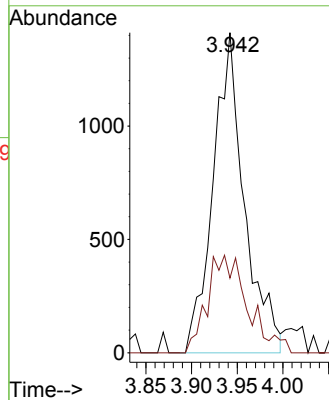
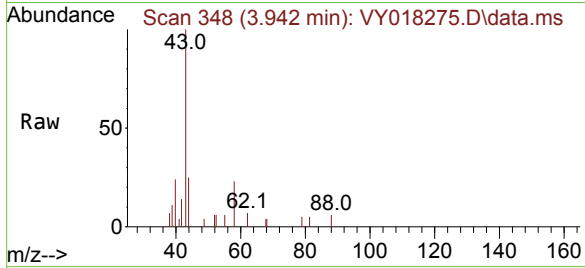
B-02-229

Tgt Ion: 43 Resp: 3369

Ion Ratio Lower Upper

43 100

58 23.3 31.7 47.5#



#20

Methylene Chloride

Concen: 7.841 ug/l

RT: 4.704 min Scan# 473

Delta R.T. 0.000 min

Lab File: VY018275.D

Acq: 15 May 2024 16:14

Tgt Ion: 84 Resp: 12215

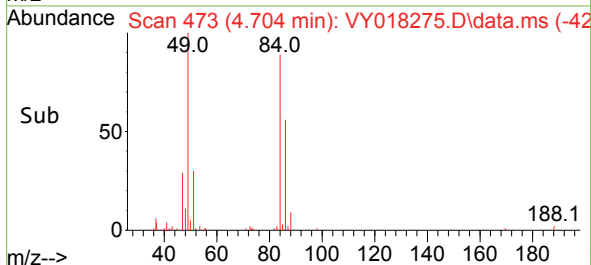
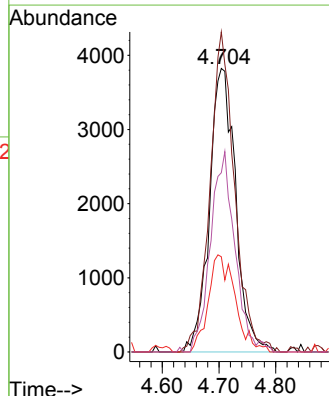
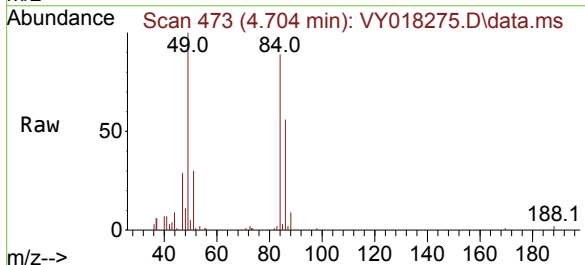
Ion Ratio Lower Upper

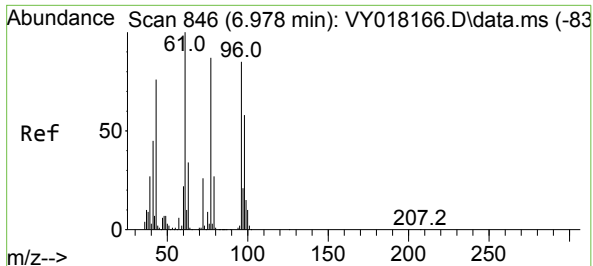
84 100

49 112.9 84.4 126.6

51 33.6 26.0 39.0

86 63.2 49.5 74.3





#25

2-Butanone

Concen: 2.362 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY018275.D

Acq: 15 May 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

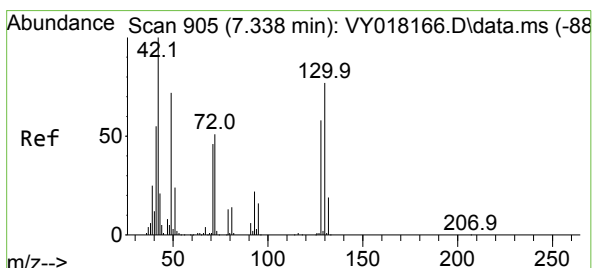
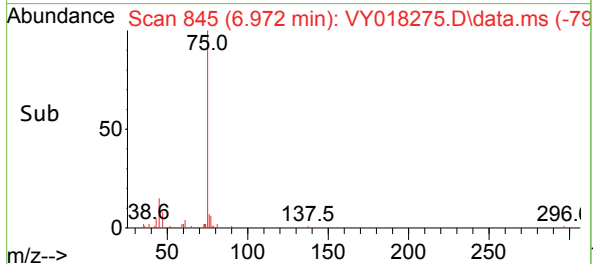
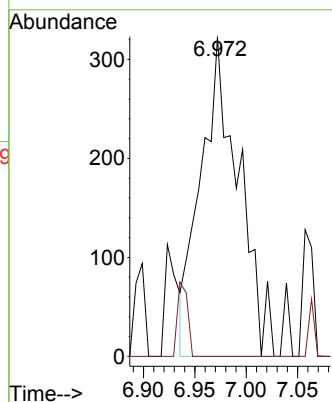
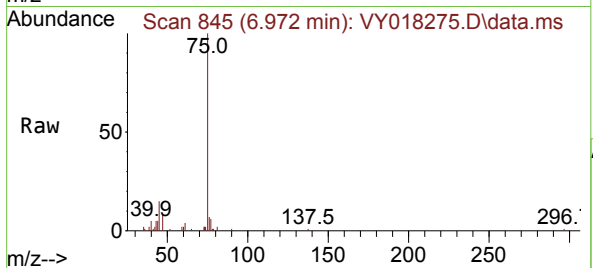
B-02-229

Tgt Ion: 43 Resp: 832

Ion Ratio Lower Upper

43 100

72 28.5 27.3 40.9



#29

Tetrahydrofuran

Concen: 1.277 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY018275.D

Acq: 15 May 2024 16:14

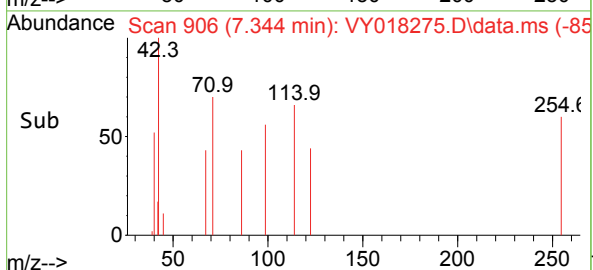
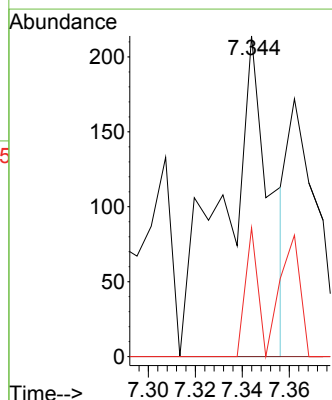
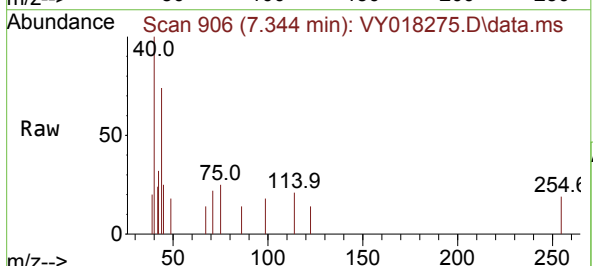
Tgt Ion: 42 Resp: 297

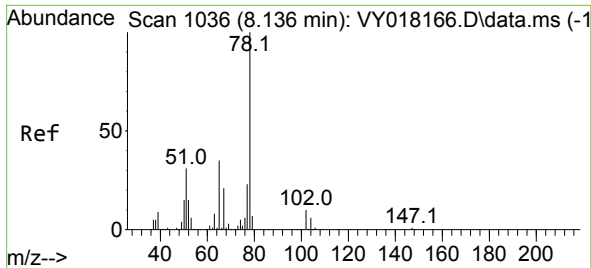
Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

71 10.4 40.8 61.2#

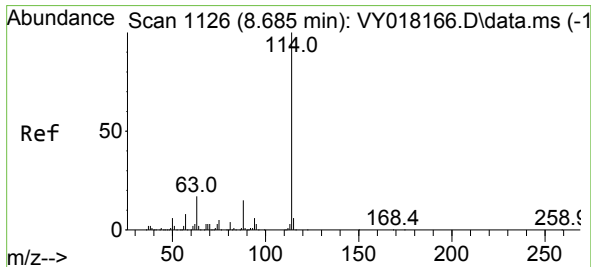
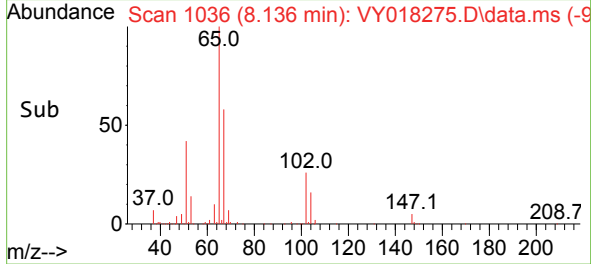
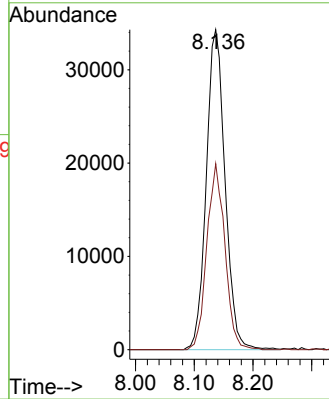
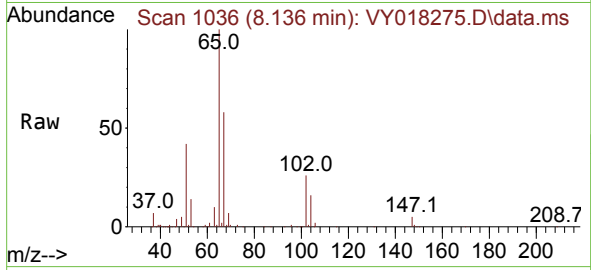




#33
 1,2-Dichloroethane-d4
 Concen: 69.018 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018275.D
 Acq: 15 May 2024 16:14

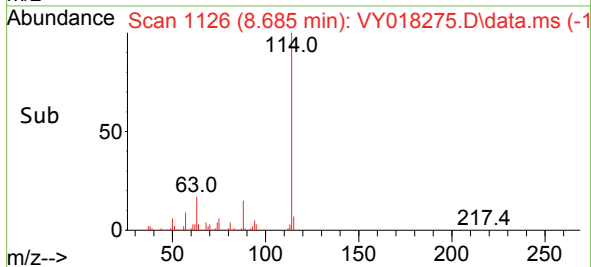
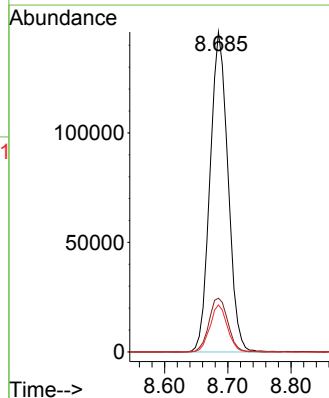
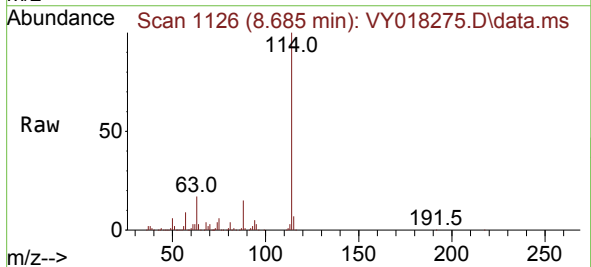
Instrument :
 MSVOA_Y
 ClientSampleId :
 B-02-229

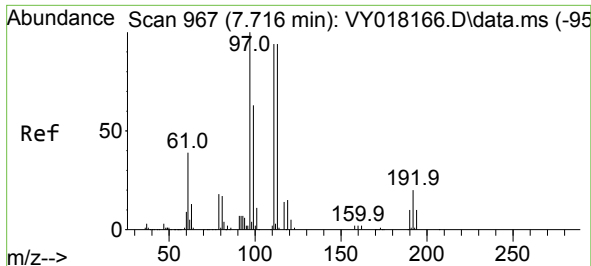
Tgt Ion: 65 Resp: 76225
 Ion Ratio Lower Upper
 65 100
 67 55.9 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018275.D
 Acq: 15 May 2024 16:14

Tgt Ion: 114 Resp: 287788
 Ion Ratio Lower Upper
 114 100
 63 16.8 0.0 35.0
 88 14.7 0.0 27.2

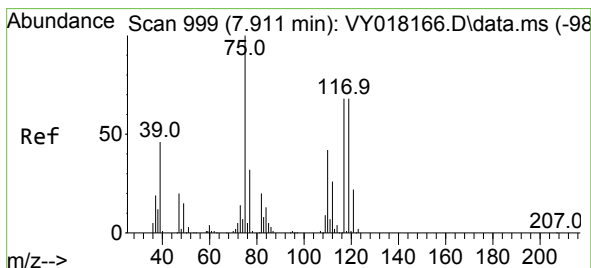
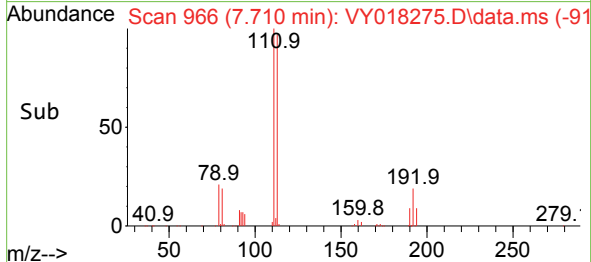
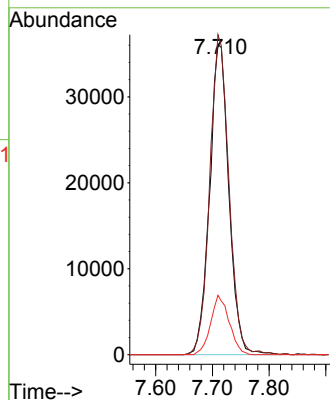
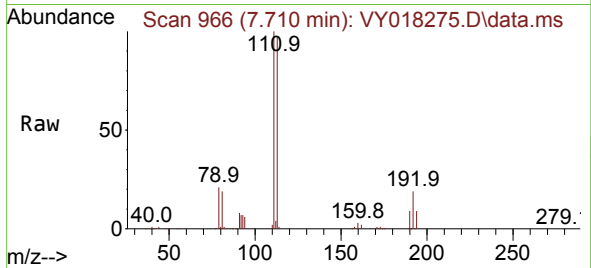




#35
Dibromofluoromethane
Concen: 56.339 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY018275.D
Acq: 15 May 2024 16:14

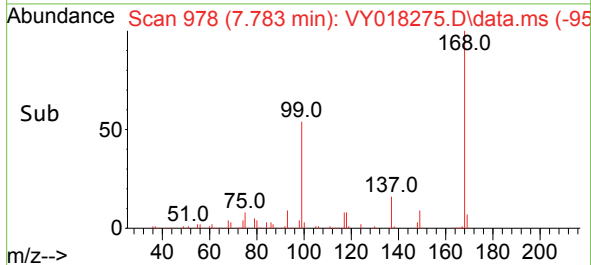
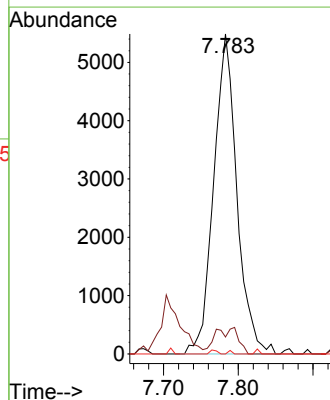
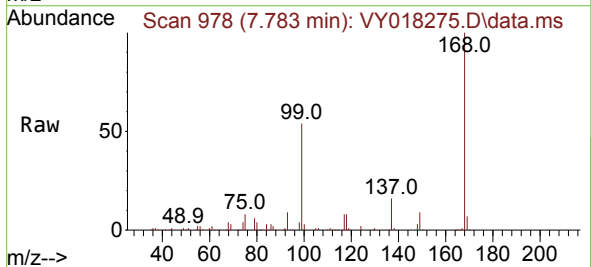
Instrument :
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ClientSampleId :
B-02-229

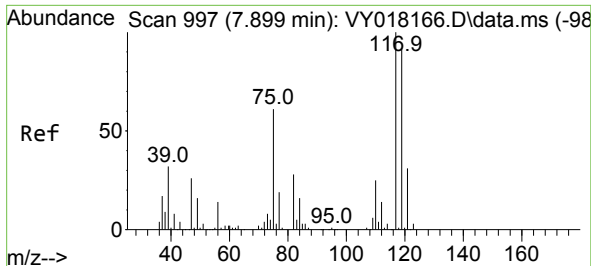
Tgt Ion:113 Resp: 85211
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.4
192 18.4 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.463 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018275.D
Acq: 15 May 2024 16:14

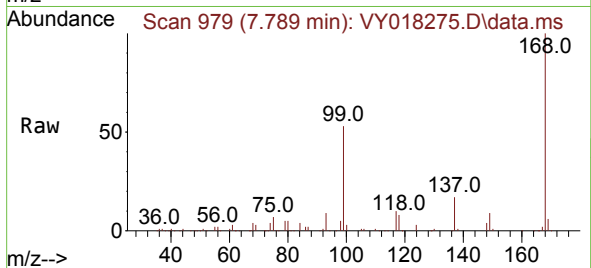
Tgt Ion: 75 Resp: 11844
Ion Ratio Lower Upper
75 100
110 0.0 19.0 57.0#
77 0.2 25.3 37.9#



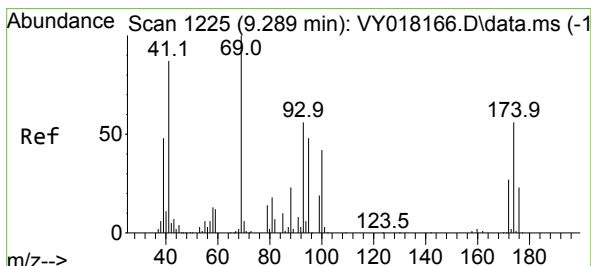
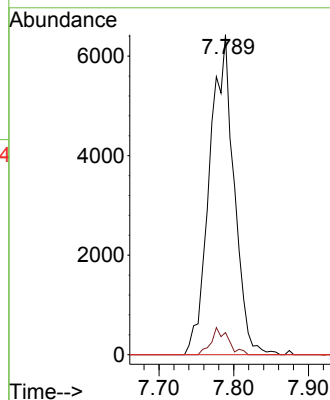
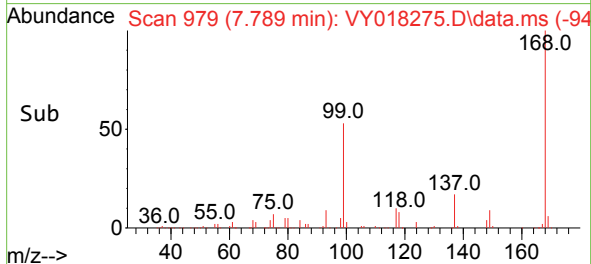


#38
Carbon Tetrachloride
Concen: 6.185 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY018275.D
Acq: 15 May 2024 16:14

Instrument :
MSVOA_Y
ClientSampleId :
B-02-229

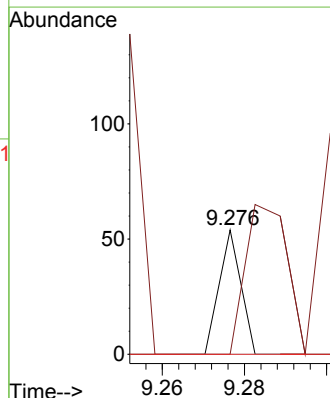
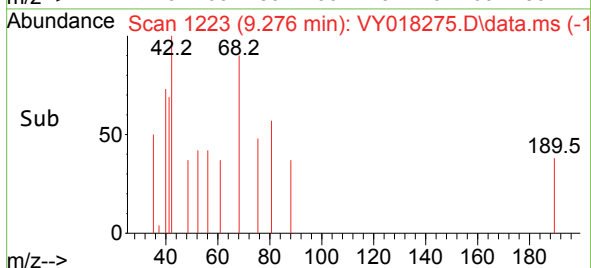
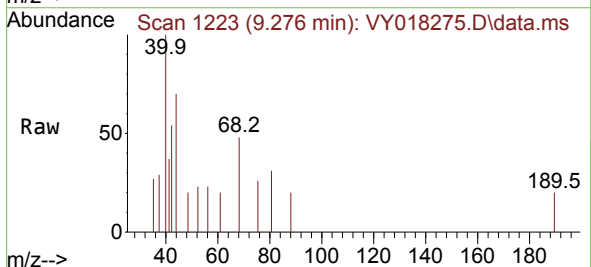


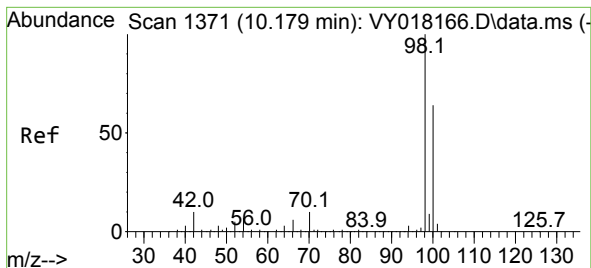
Tgt Ion:117 Resp: 14654
Ion Ratio Lower Upper
117 100
119 6.9 75.8 113.6#
121 0.0 24.0 36.0#



#49
1,4-Dioxane
Concen: 1.719 ug/l
RT: 9.276 min Scan# 1223
Delta R.T. -0.012 min
Lab File: VY018275.D
Acq: 15 May 2024 16:14

Tgt Ion: 88 Resp: 20
Ion Ratio Lower Upper
88 100
43 230.0 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 54.512 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018275.D

Acq: 15 May 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

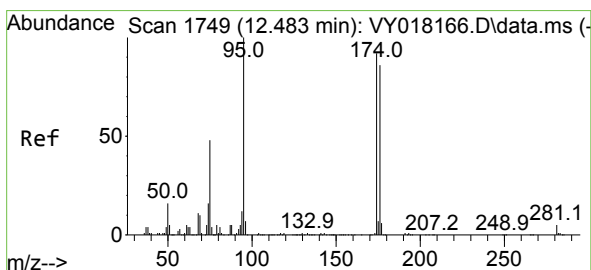
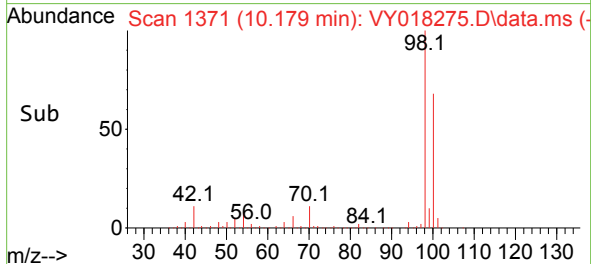
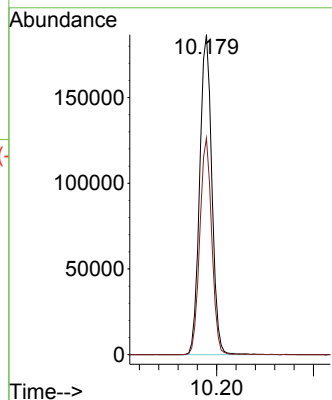
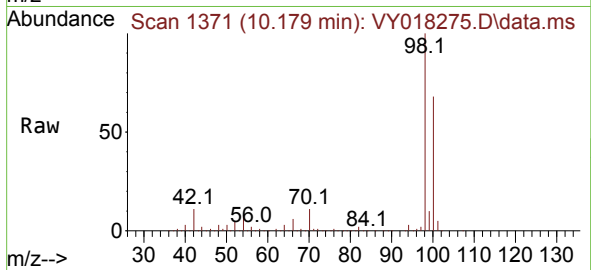
B-02-229

Tgt Ion: 98 Resp: 324892

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 50.441 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018275.D

Acq: 15 May 2024 16:14

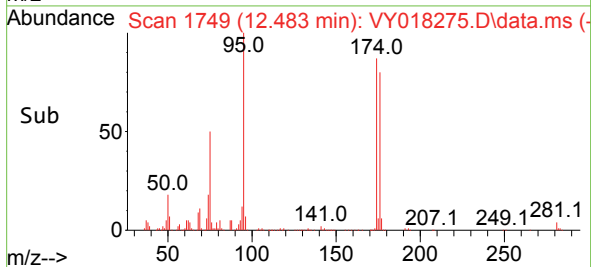
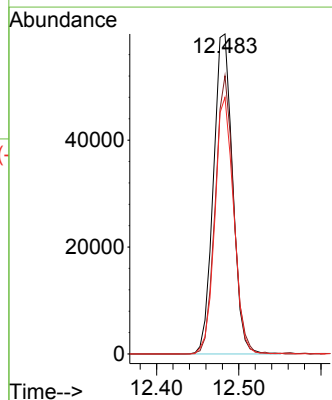
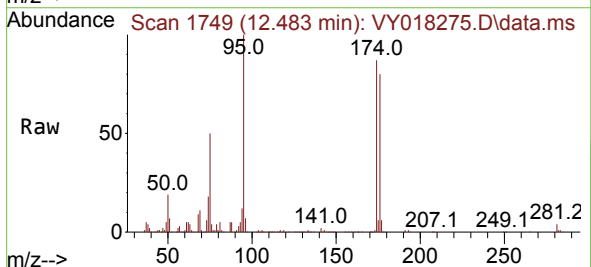
Tgt Ion: 95 Resp: 97086

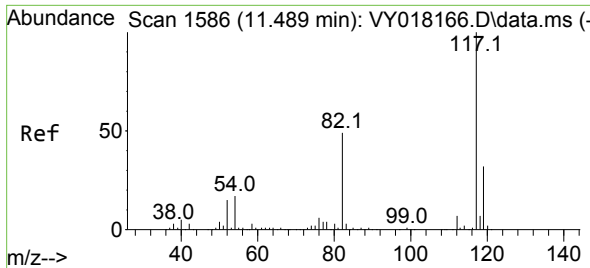
Ion Ratio Lower Upper

95 100

174 83.3 0.0 175.6

176 78.5 0.0 171.4

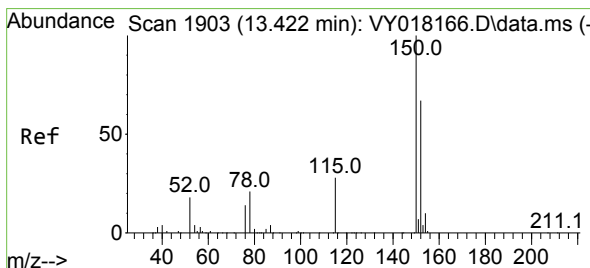
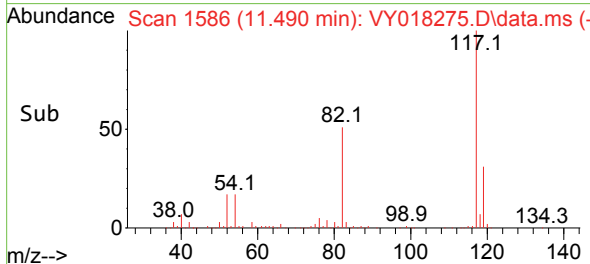
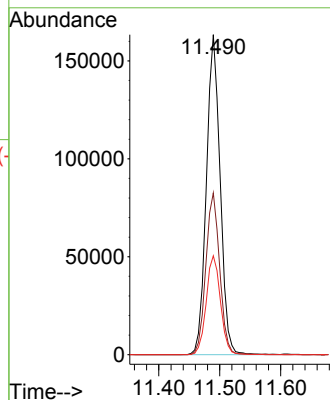
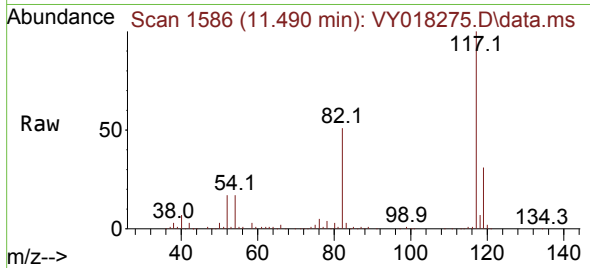




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018275.D
Acq: 15 May 2024 16:14

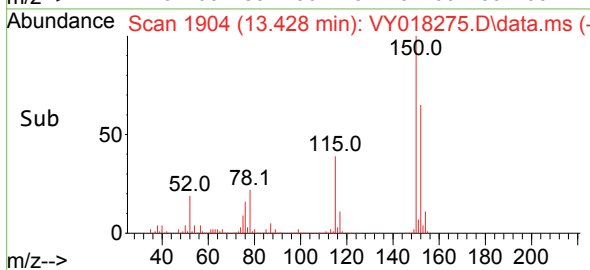
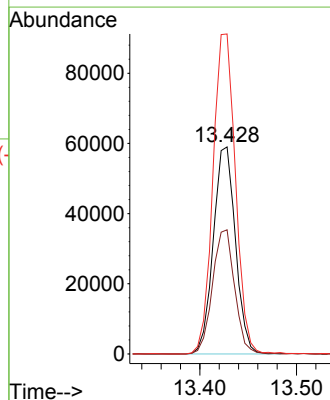
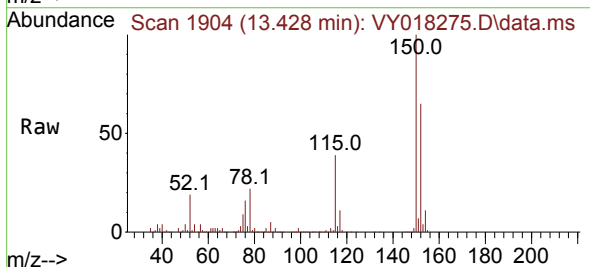
Instrument :
MSVOA_Y
ClientSampleId :
B-02-229

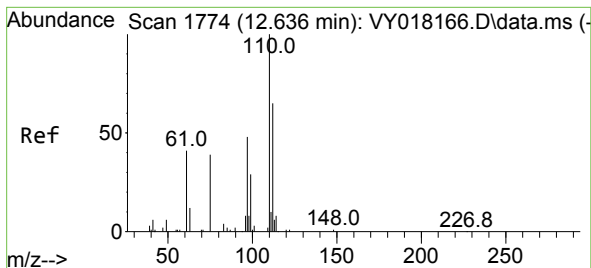
Tgt Ion:117 Resp: 256716
Ion Ratio Lower Upper
117 100
82 50.6 42.4 63.6
119 30.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018275.D
Acq: 15 May 2024 16:14

Tgt Ion:152 Resp: 93948
Ion Ratio Lower Upper
152 100
115 59.8 28.2 84.7
150 157.2 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 65.578 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY018275.D

Acq: 15 May 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

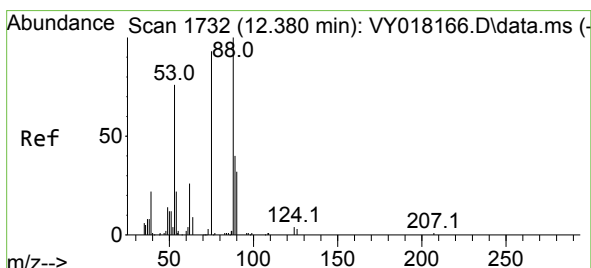
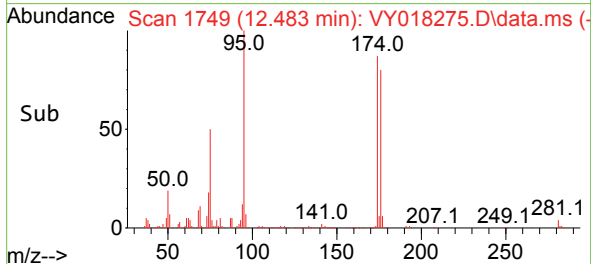
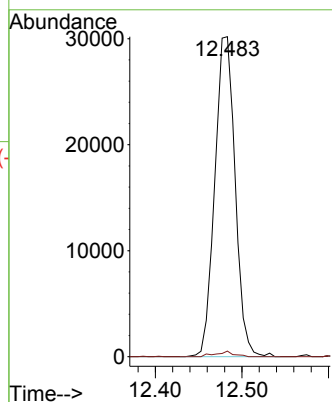
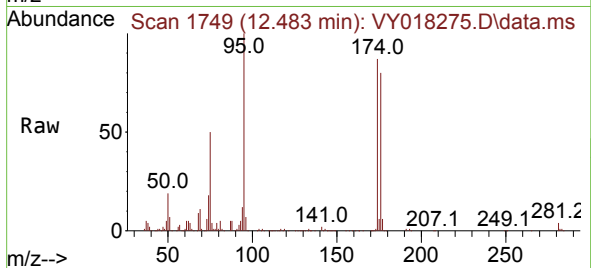
B-02-229

Tgt Ion: 75 Resp: 49314

Ion Ratio Lower Upper

75 100

77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 126.346 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018275.D

Acq: 15 May 2024 16:14

Tgt Ion: 75 Resp: 49314

Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.1 35.8 53.6#

