

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009034.D
 Acq On : 24 May 2022 02:47
 Operator : KP/MD
 Sample : N2948-17
 Misc : 4.78g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-0612-02

Quant Time: May 24 03:18:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

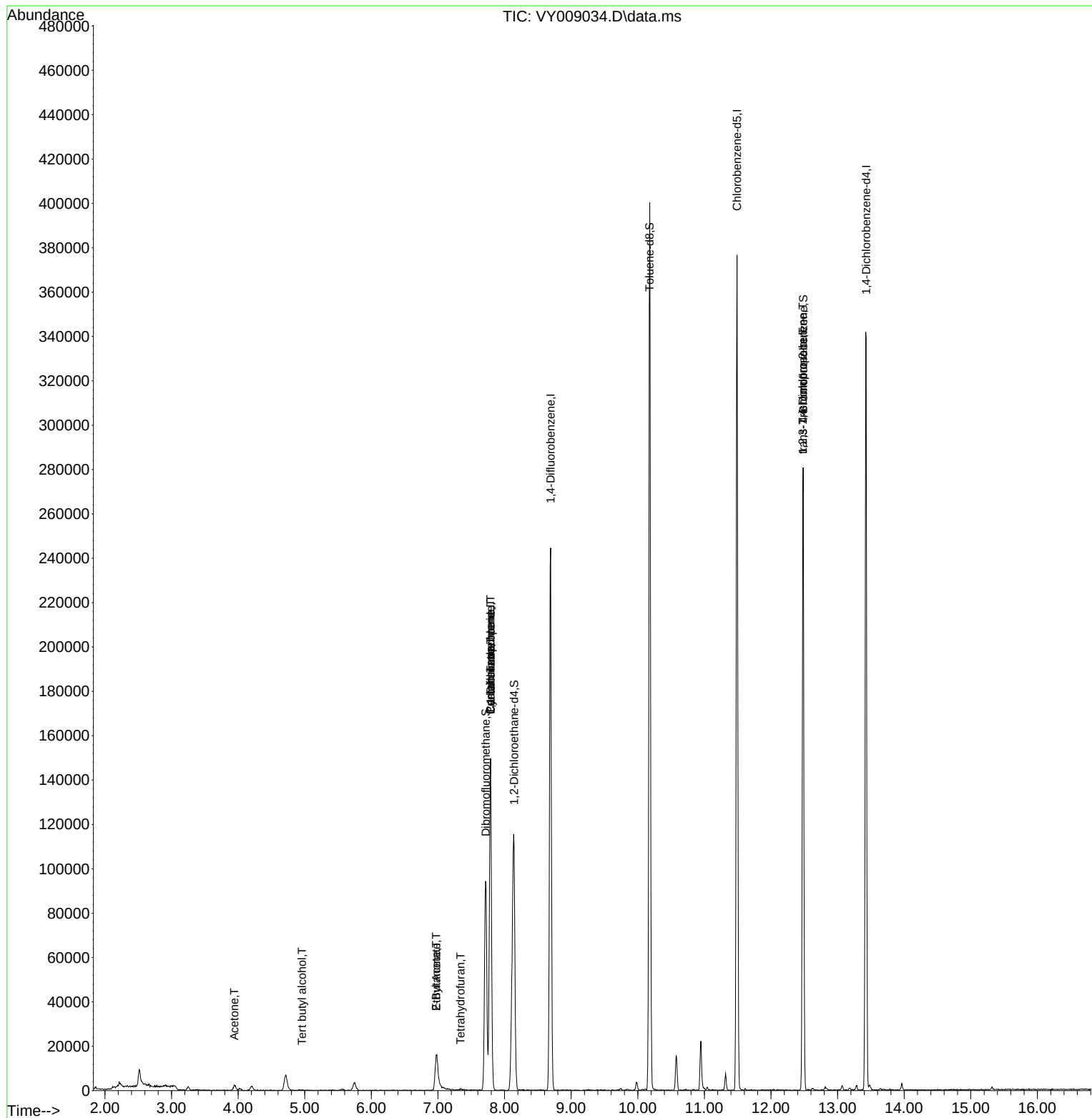
Internal Standards						
1) Pentafluorobenzene	7.789	168	110559	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	204805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	190981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83946	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	72638	63.838	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.680%	
35) Dibromofluoromethane	7.716	113	65728	51.610	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.220%	
50) Toluene-d8	10.179	98	252933	53.834	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.660%	
62) 4-Bromofluorobenzene	12.483	95	72890	38.459	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 76.920%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	401	3.474	ug/l #	77
16) Acetone	3.942	43	4051	17.103	ug/l	95
20) Methylene Chloride	4.716	84	5162	Below Cal	#	81
25) 2-Butanone	6.972	43	1243	2.938	ug/l #	90
29) Tetrahydrofuran	7.338	42	386	1.343	ug/l #	60
31) Cyclohexane	7.789	56	2631	1.182	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9766	4.506	ug/l #	50
37) Ethyl Acetate	6.972	43	1243	1.106	ug/l #	1
38) Carbon Tetrachloride	7.789	117	11011	4.857	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	42300	46.923	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	42300	96.309	ug/l #	7

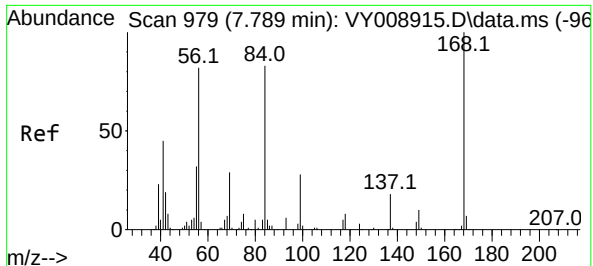
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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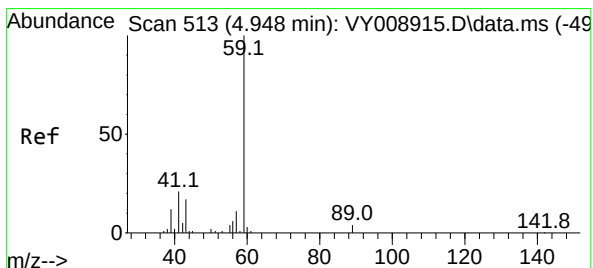
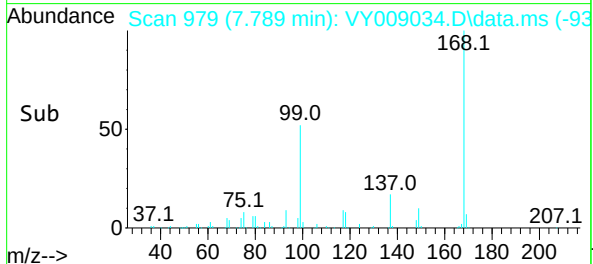
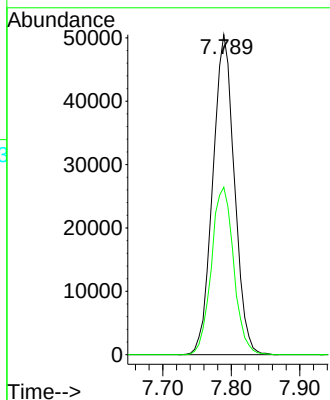
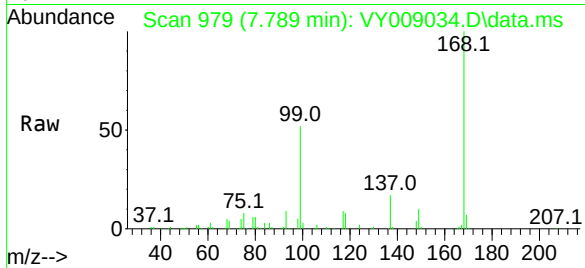




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

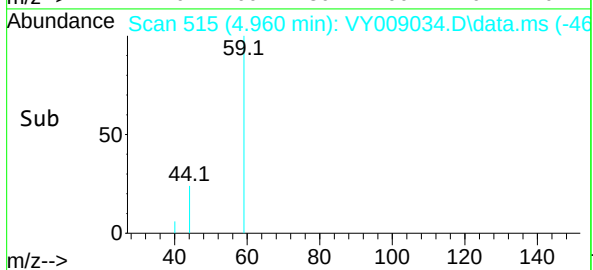
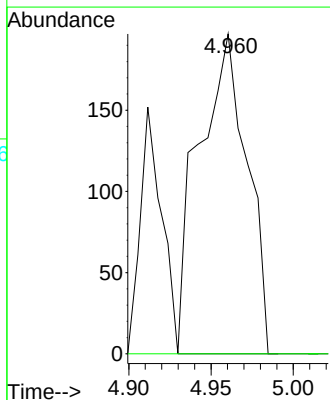
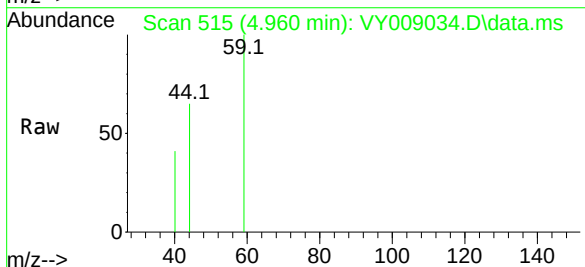
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-02

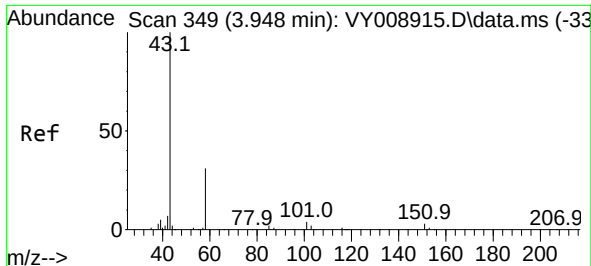
Tgt Ion:168 Resp: 110559
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.474 ug/l
RT: 4.960 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

Tgt Ion: 59 Resp: 401
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

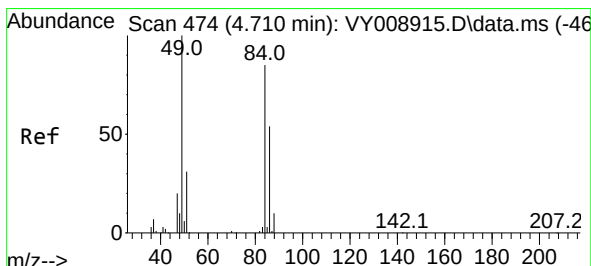
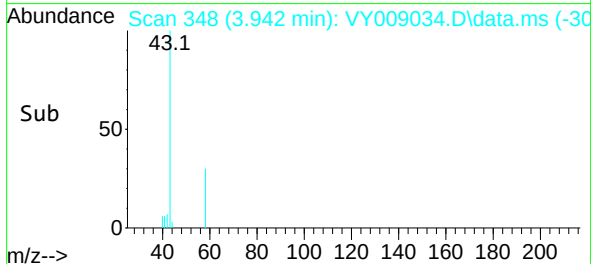
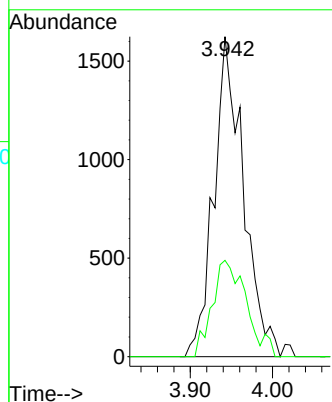
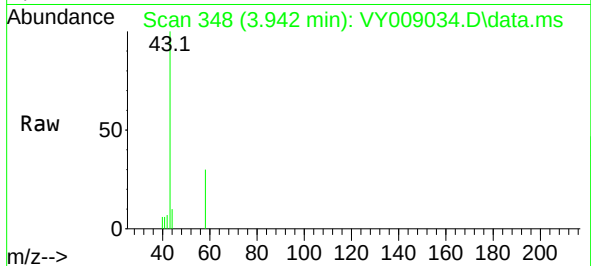




#16
Acetone
Concen: 17.103 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

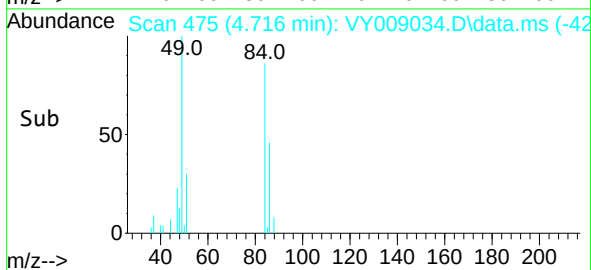
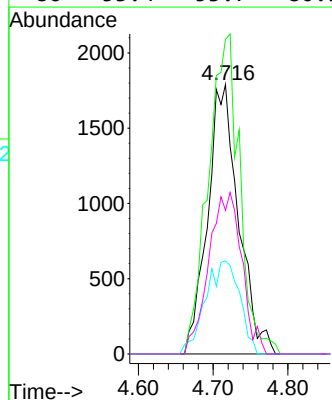
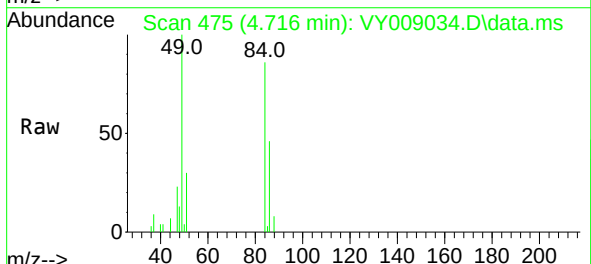
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-02

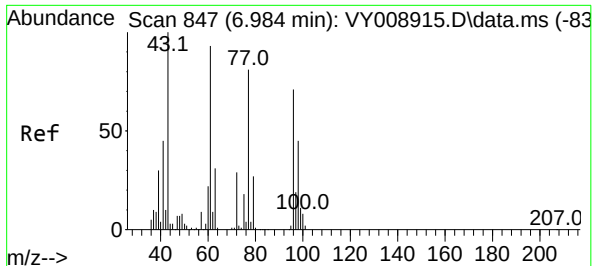
Tgt Ion: 43 Resp: 4051
Ion Ratio Lower Upper
43 100
58 30.1 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

Tgt Ion: 84 Resp: 5162
Ion Ratio Lower Upper
84 100
49 116.8 114.4 171.6
51 34.5 35.3 52.9#
86 53.4 53.7 80.5#





#25

2-Butanone

Concen: 2.938 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY009034.D

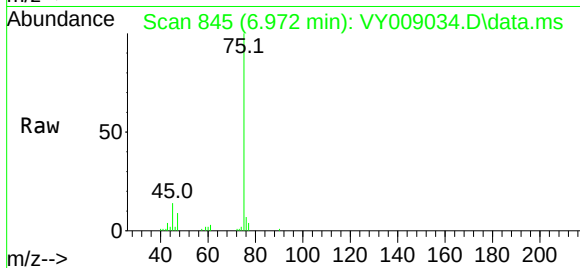
Acq: 24 May 2022 02:47

Instrument :

MSVOA_Y

ClientSampleId :

P036-SS001-0612-02

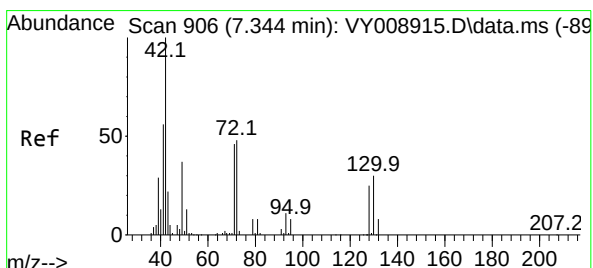
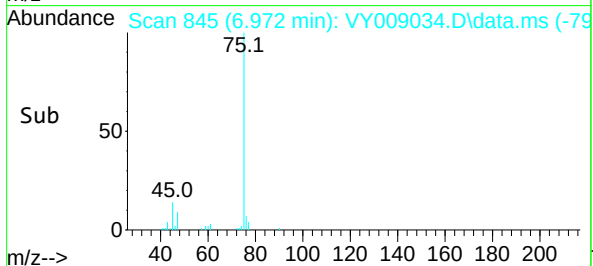
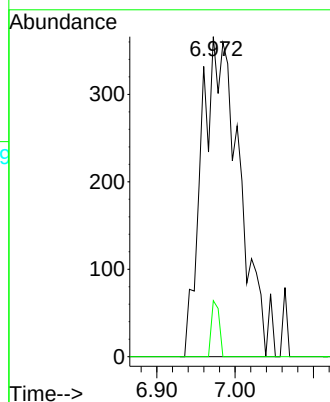


Tgt Ion: 43 Resp: 1243

Ion Ratio Lower Upper

43 100

72 17.5 17.7 26.5#



#29

Tetrahydrofuran

Concen: 1.343 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY009034.D

Acq: 24 May 2022 02:47

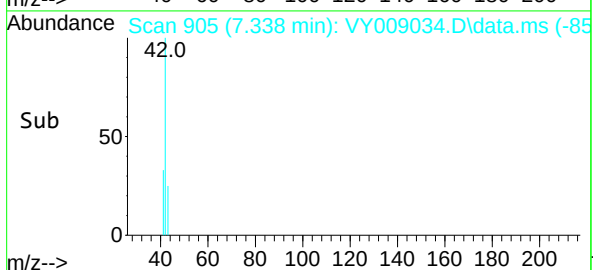
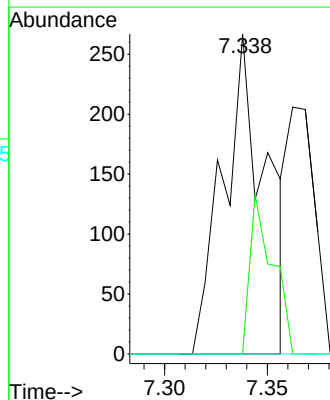
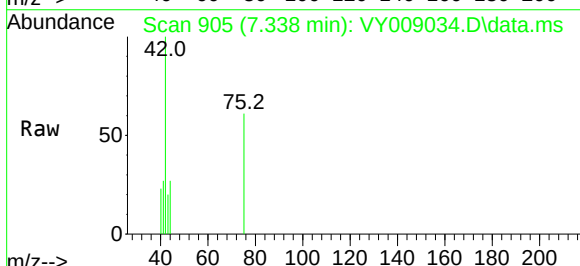
Tgt Ion: 42 Resp: 386

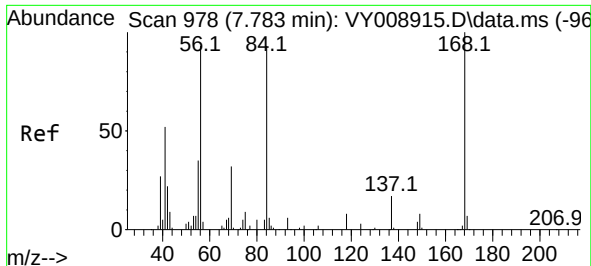
Ion Ratio Lower Upper

42 100

72 26.7 30.3 45.5#

71 0.0 29.0 43.4#

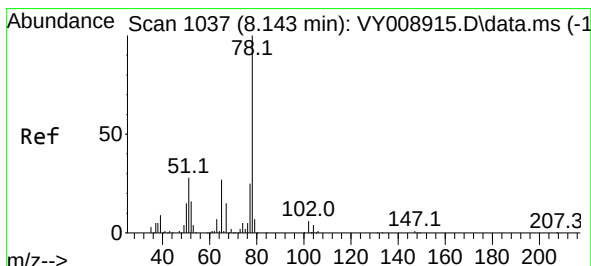
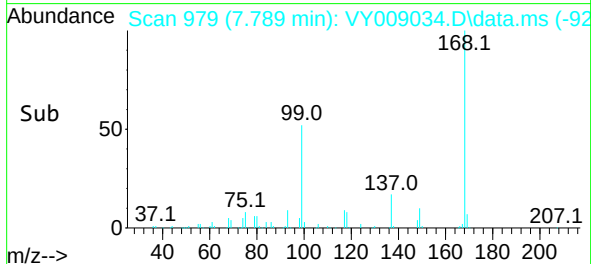
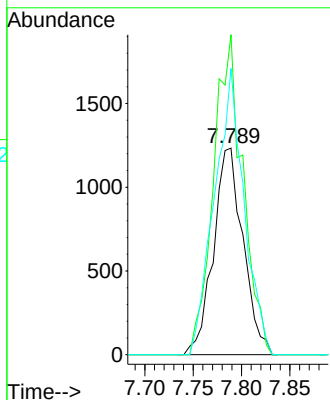
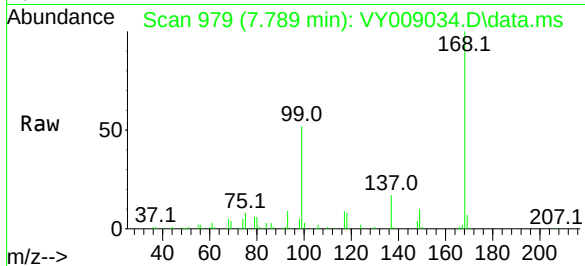




#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

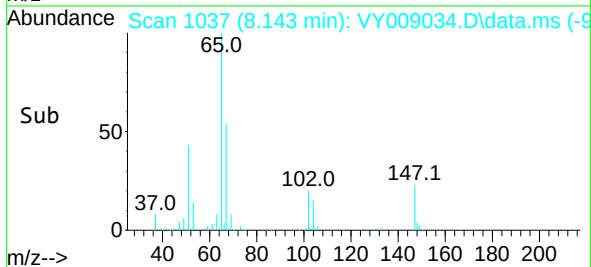
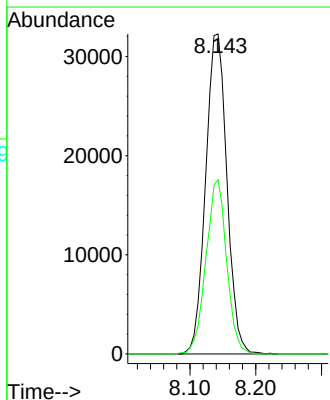
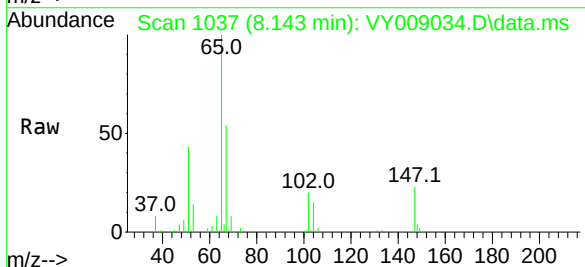
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-02

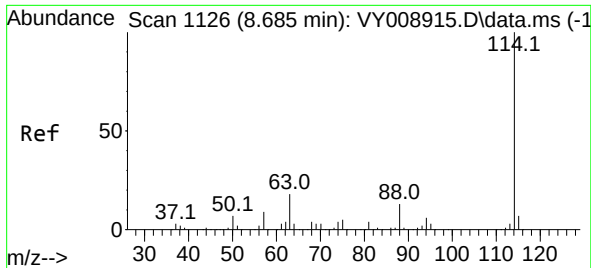
Tgt Ion: 56 Resp: 2631
Ion Ratio Lower Upper
56 100
69 154.9 26.7 40.1#
84 138.5 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 63.838 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

Tgt Ion: 65 Resp: 72638
Ion Ratio Lower Upper
65 100
67 53.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY009034.D

Acq: 24 May 2022 02:47

Instrument :

MSVOA_Y

ClientSampleId :

P036-SS001-0612-02

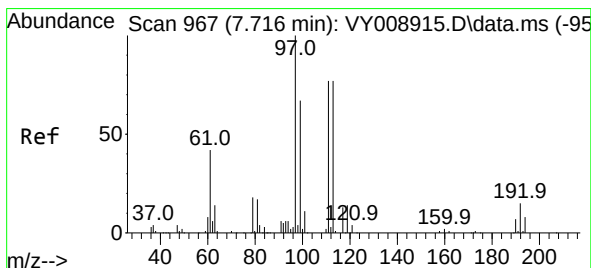
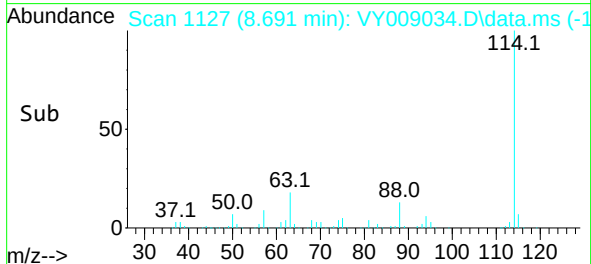
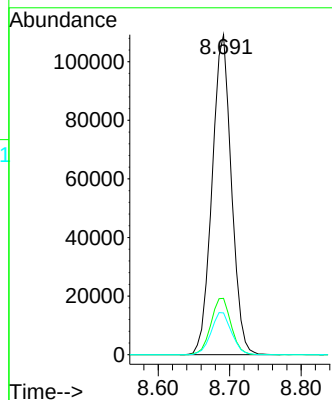
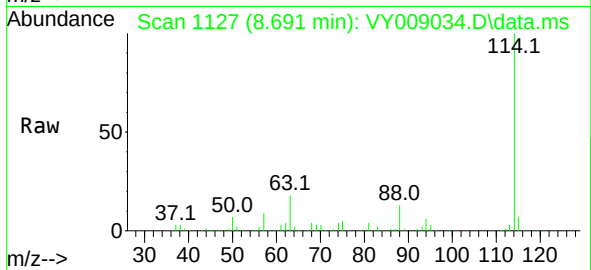
Tgt Ion:114 Resp: 204805

Ion Ratio Lower Upper

114 100

63 17.6 0.0 43.2

88 13.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.610 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY009034.D

Acq: 24 May 2022 02:47

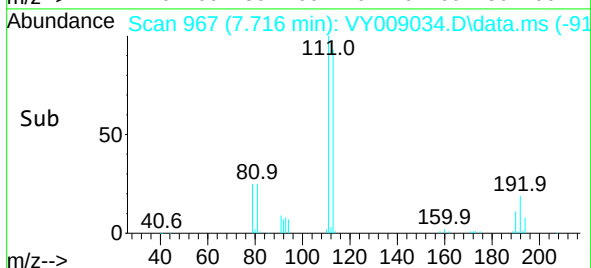
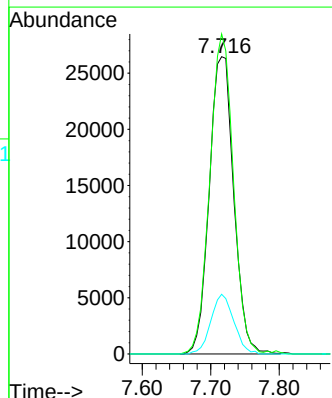
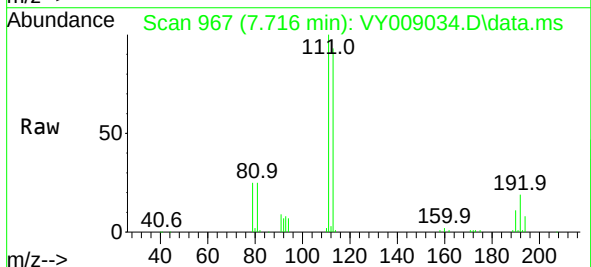
Tgt Ion:113 Resp: 65728

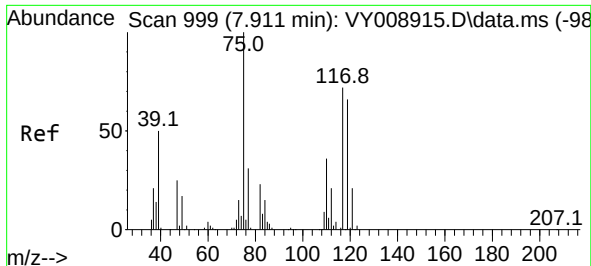
Ion Ratio Lower Upper

113 100

111 103.6 82.6 124.0

192 18.8 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.506 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY009034.D

Acq: 24 May 2022 02:47

Instrument :

MSVOA_Y

ClientSampleId :

P036-SS001-0612-02

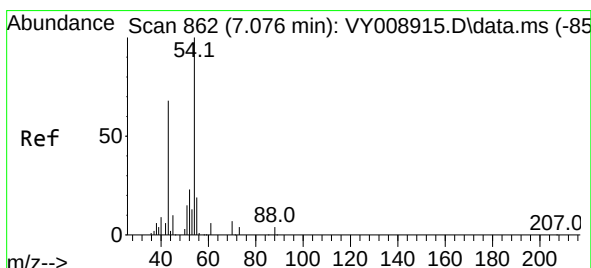
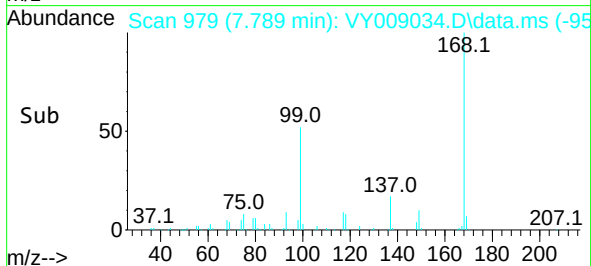
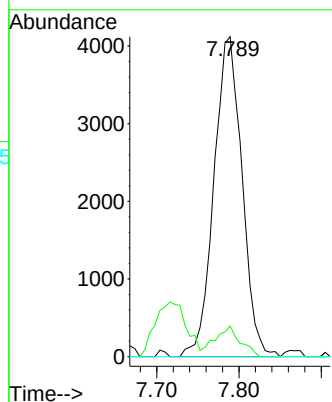
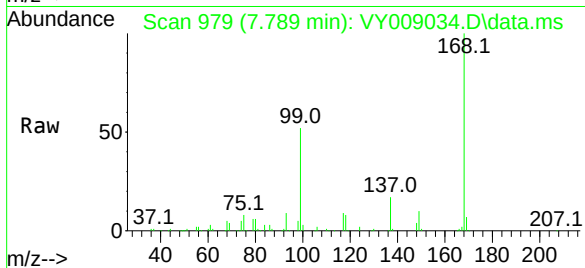
Tgt Ion: 75 Resp: 9766

Ion Ratio Lower Upper

75 100

110 8.2 17.1 51.2#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 1.106 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.104 min

Lab File: VY009034.D

Acq: 24 May 2022 02:47

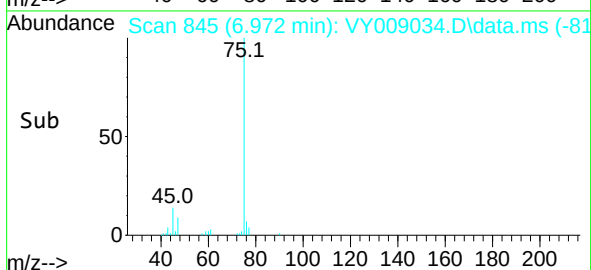
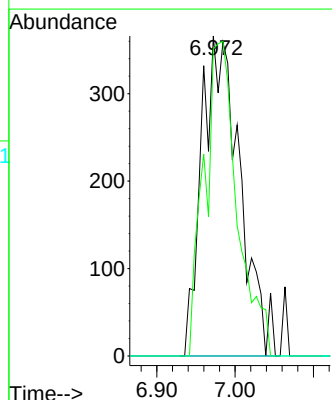
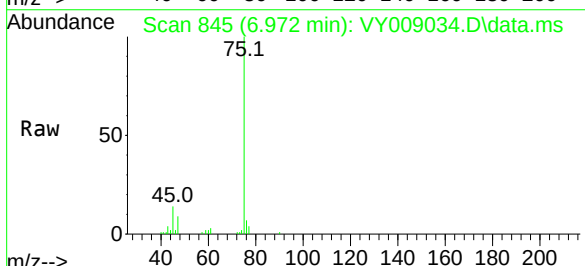
Tgt Ion: 43 Resp: 1243

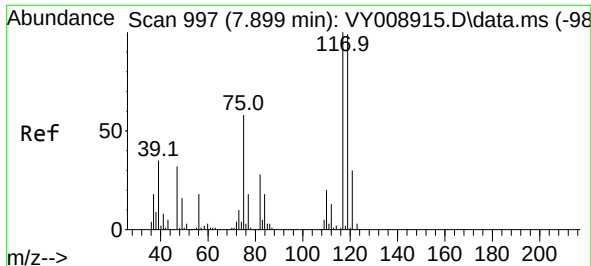
Ion Ratio Lower Upper

43 100

61 85.4 9.7 14.5#

70 0.0 7.1 10.7#

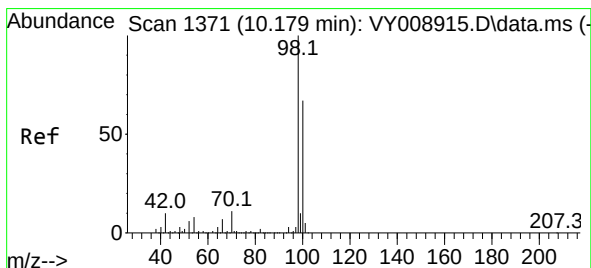
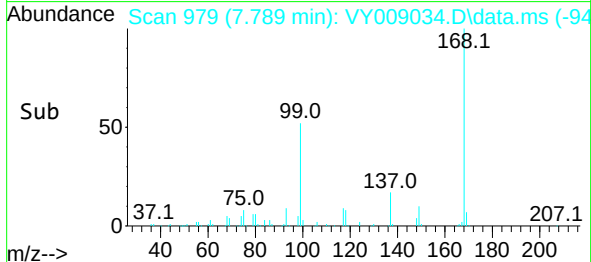
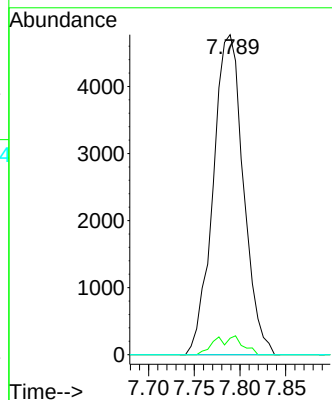
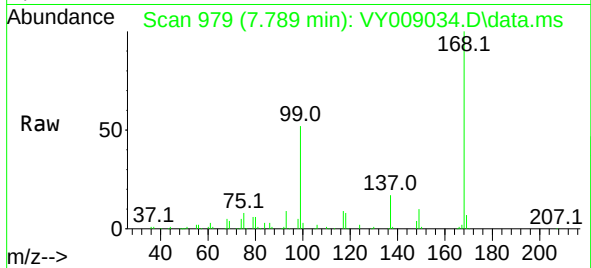




#38
Carbon Tetrachloride
Concen: 4.857 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

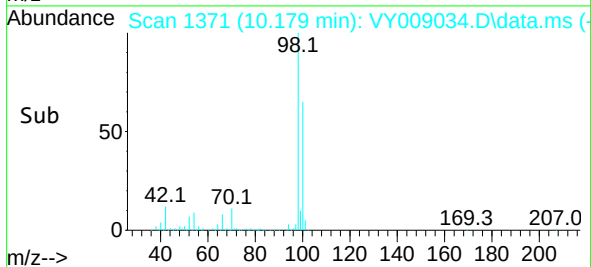
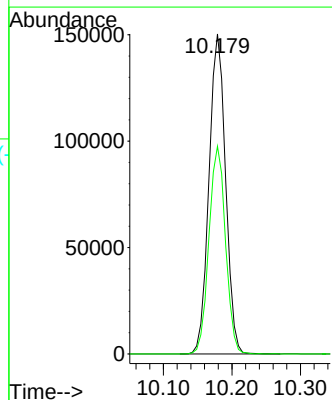
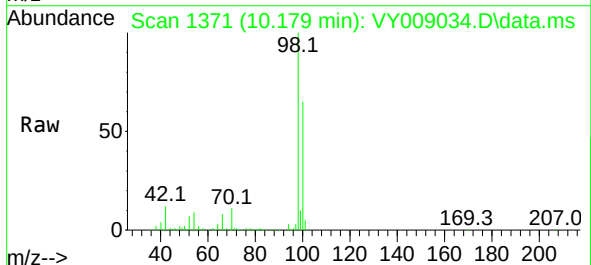
Instrument :
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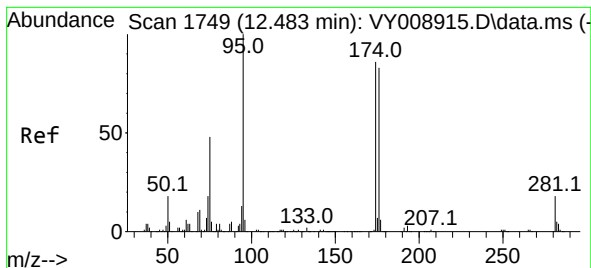
Tgt Ion:117 Resp: 11011
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.834 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

Tgt Ion: 98 Resp: 252933
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

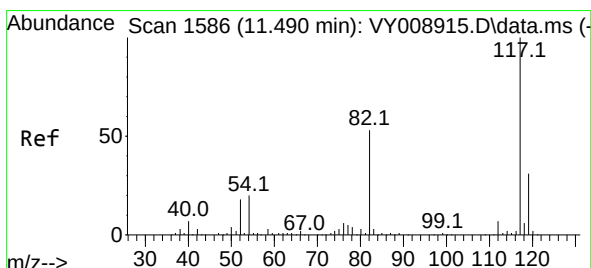
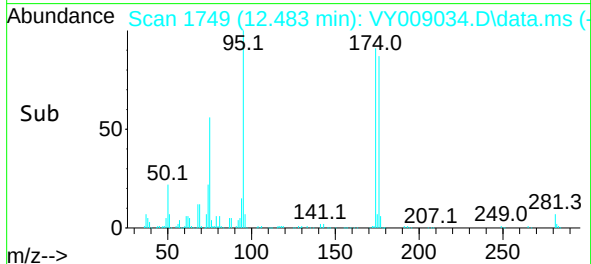
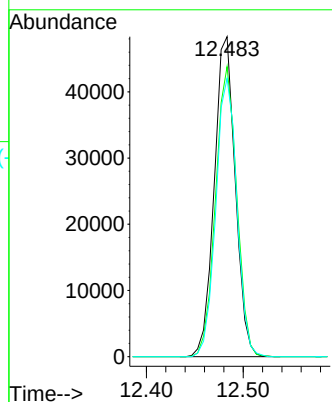
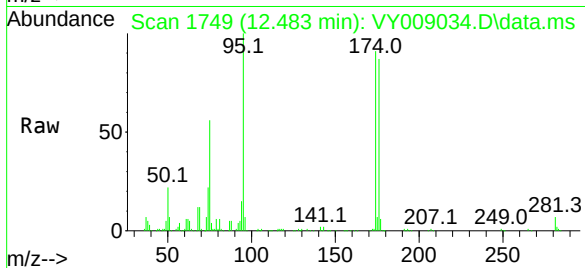




#62
4-Bromofluorobenzene
Concen: 38.459 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

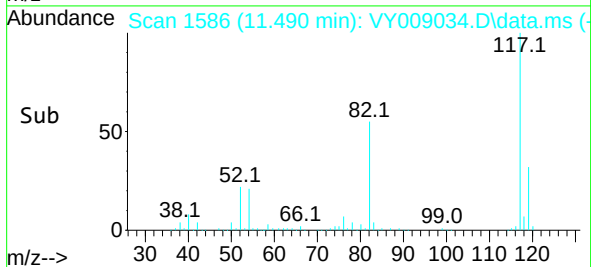
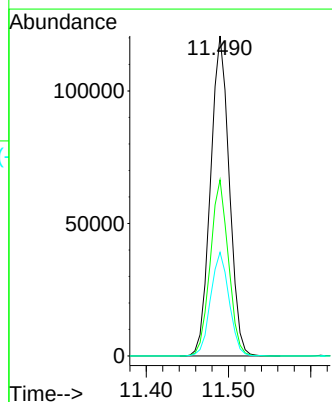
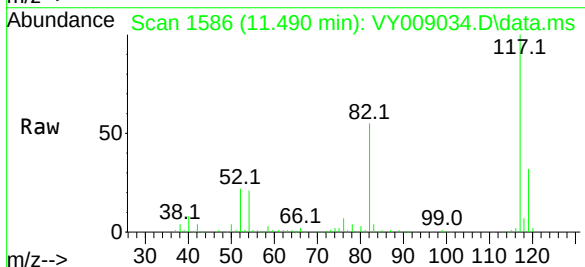
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-0612-02

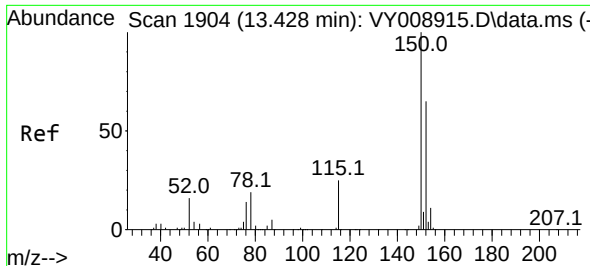
Tgt Ion: 95 Resp: 72890
Ion Ratio Lower Upper
95 100
174 91.2 0.0 177.0
176 86.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009034.D
Acq: 24 May 2022 02:47

Tgt Ion: 117 Resp: 190981
Ion Ratio Lower Upper
117 100
82 55.0 43.0 64.4
119 32.4 25.4 38.0

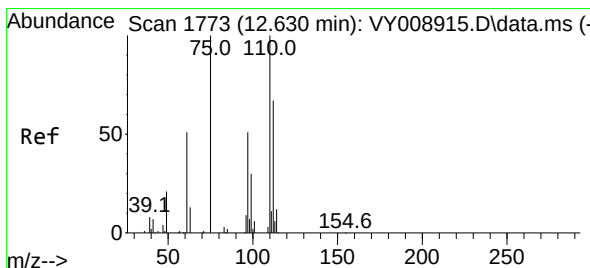
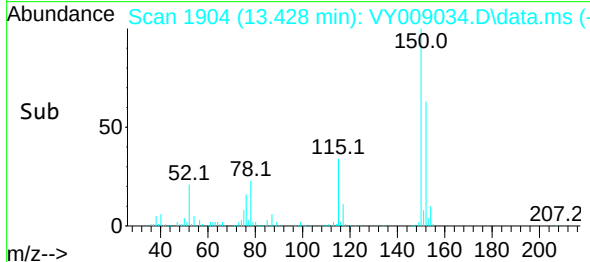
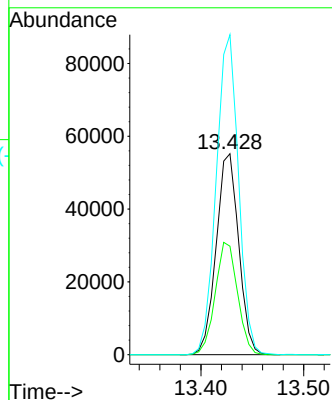
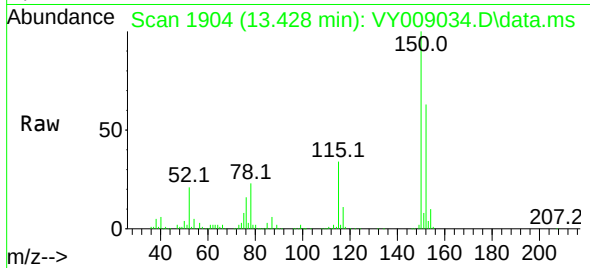




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009034.D
 Acq: 24 May 2022 02:47

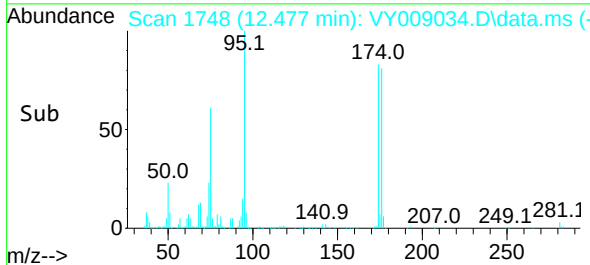
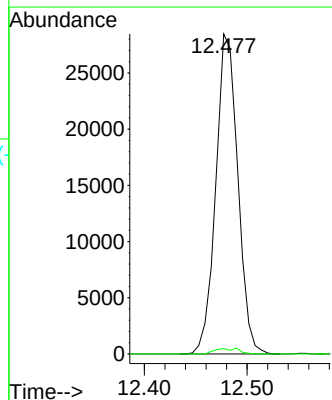
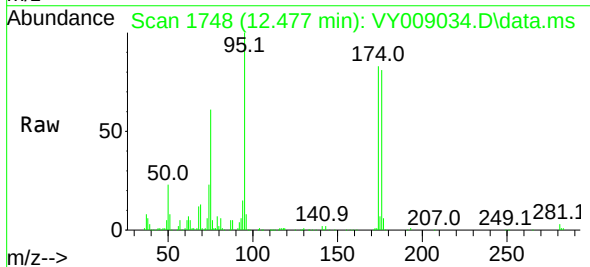
Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-0612-02

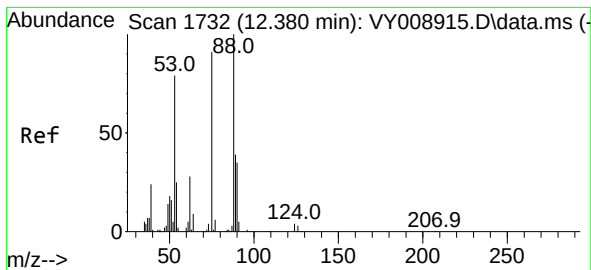
Tgt Ion:152 Resp: 83946
 Ion Ratio Lower Upper
 152 100
 115 55.5 28.2 84.7
 150 157.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 46.923 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009034.D
 Acq: 24 May 2022 02:47

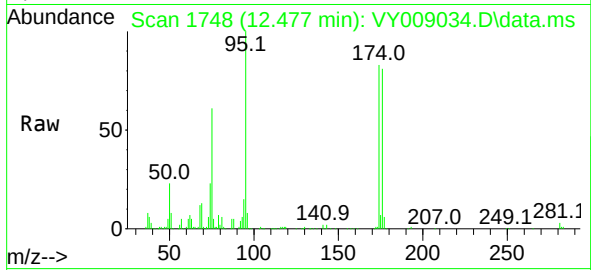
Tgt Ion: 75 Resp: 42300
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.309 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009034.D
 Acq: 24 May 2022 02:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-0612-02



Tgt Ion: 75 Resp: 42300
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

