

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009026.D
 Acq On : 23 May 2022 23:40
 Operator : KP/MD
 Sample : N2948-04
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-0006-02

Quant Time: May 24 01:53:21 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)

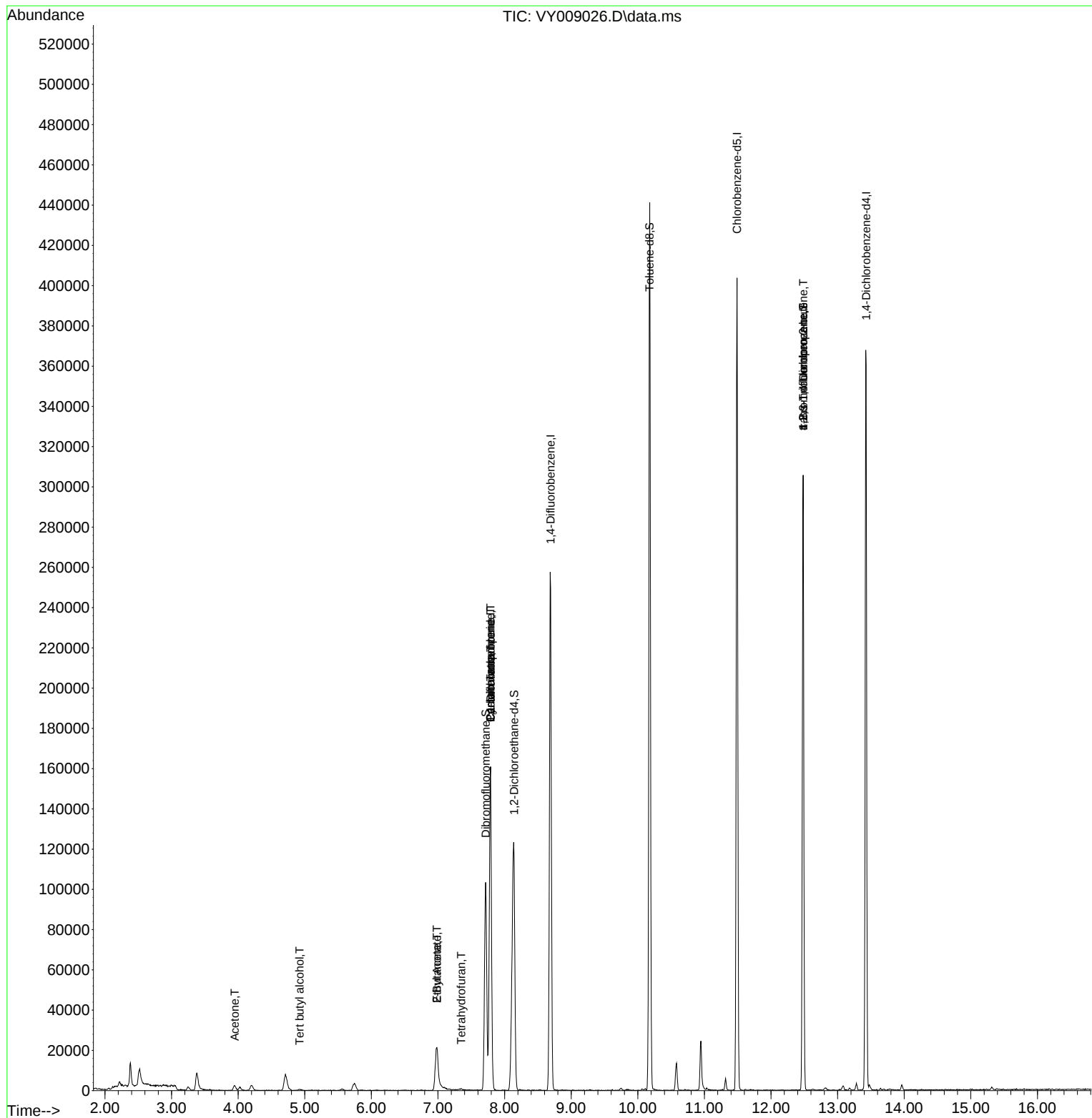
Internal Standards						
1) Pentafluorobenzene	7.789	168	122259	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207649	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89330	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	76690	60.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.900%	
35) Dibromofluoromethane	7.715	113	69853	51.098	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.200%	
50) Toluene-d8	10.178	98	277641	55.052	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.100%	
62) 4-Bromofluorobenzene	12.483	95	78823	38.745	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.500%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	398	3.118	ug/l #	77
16) Acetone	3.948	43	4276	16.326	ug/l	94
20) Methylene Chloride	4.710	84	5732	Below Cal	#	94
25) 2-Butanone	6.984	43	6745	14.418	ug/l	99
29) Tetrahydrofuran	7.350	42	366	1.152	ug/l #	42
31) Cyclohexane	7.789	56	2892	1.175	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10964	4.713	ug/l #	51
37) Ethyl Acetate	6.984	43	6745	5.589	ug/l #	84
38) Carbon Tetrachloride	7.789	117	12231	5.026	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	46297	48.261	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46297	99.057	ug/l #	7

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

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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

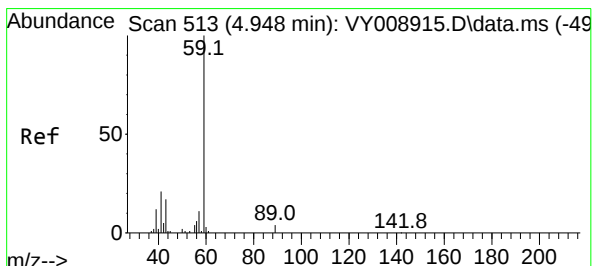
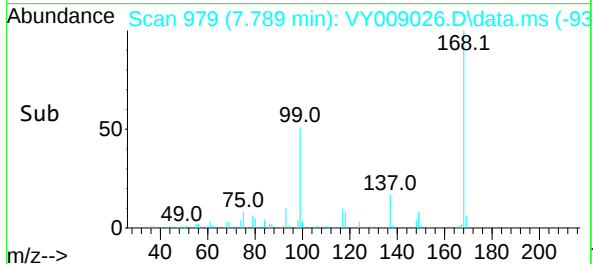
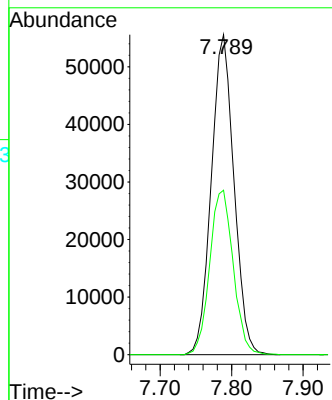
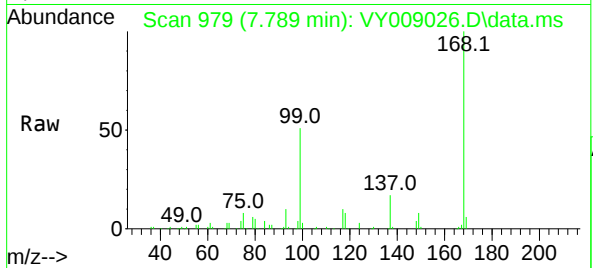




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

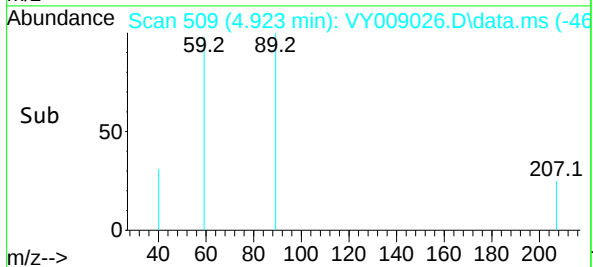
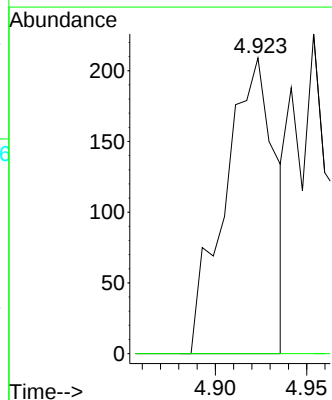
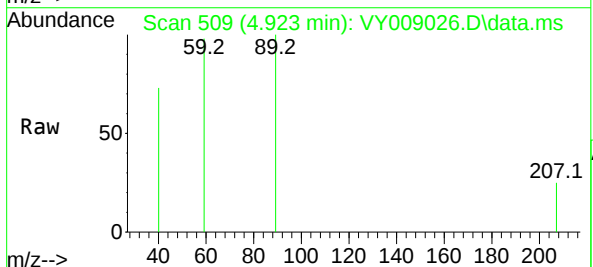
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0006-02

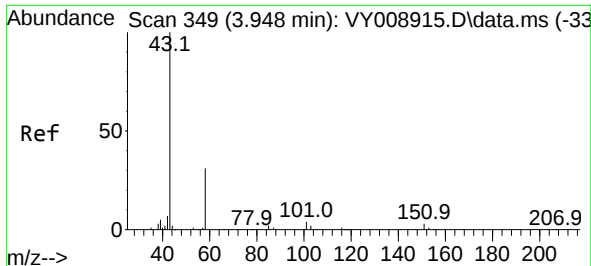
Tgt Ion:168 Resp: 122259
Ion Ratio Lower Upper
168 100
99 51.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.118 ug/l
RT: 4.923 min Scan# 509
Delta R.T. -0.025 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

Tgt Ion: 59 Resp: 398
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

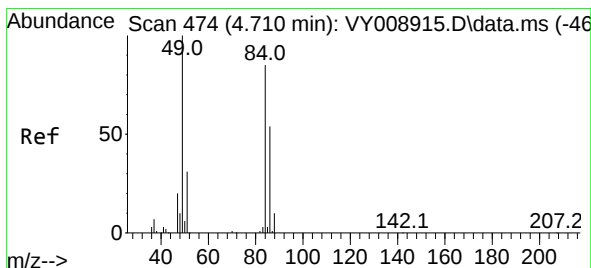
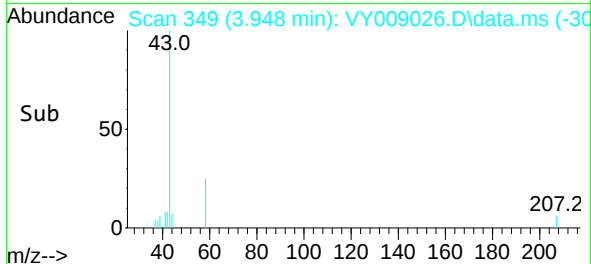
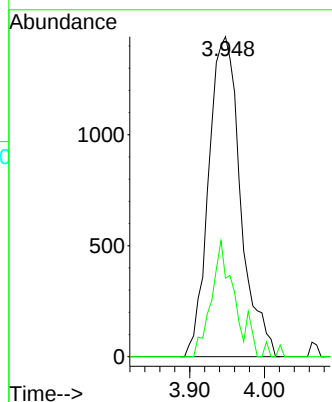
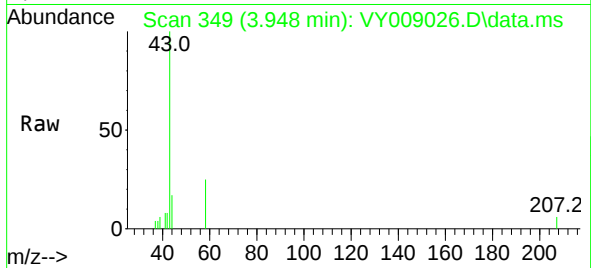




#16
Acetone
Concen: 16.326 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

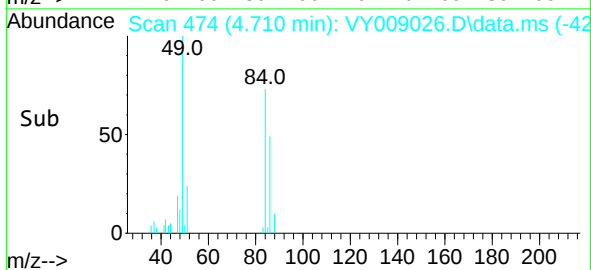
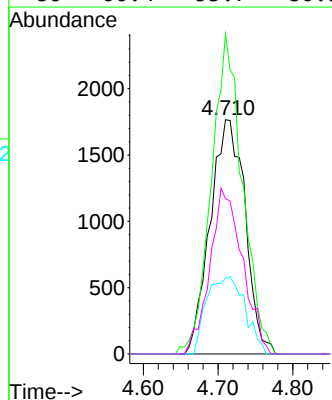
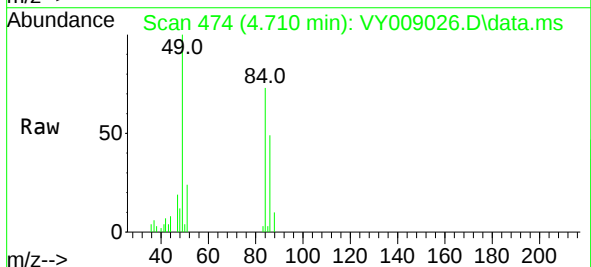
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0006-02

Tgt Ion: 43 Resp: 4276
Ion Ratio Lower Upper
43 100
58 24.5 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. -0.000 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

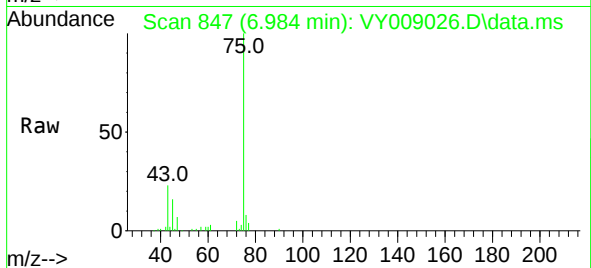
Tgt Ion: 84 Resp: 5732
Ion Ratio Lower Upper
84 100
49 136.6 114.4 171.6
51 32.3 35.3 52.9#
86 66.4 53.7 80.5



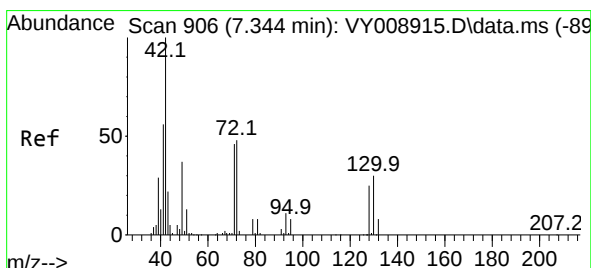
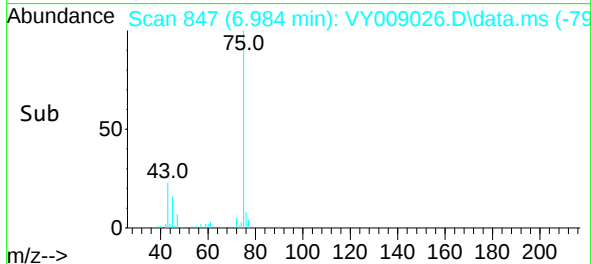
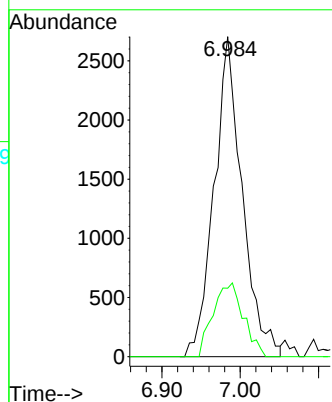


#25
2-Butanone
Concen: 14.418 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0006-02

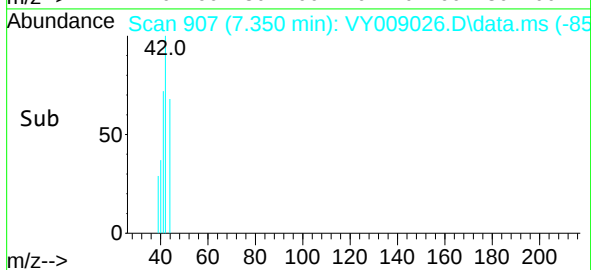
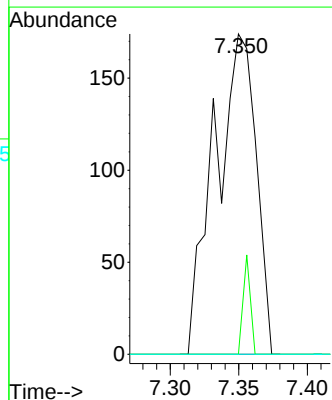
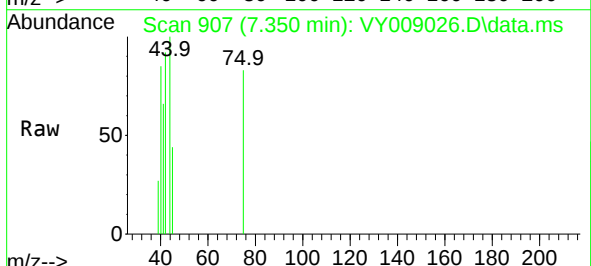


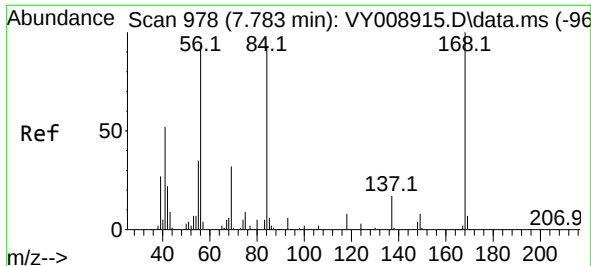
Tgt Ion: 43 Resp: 6745
Ion Ratio Lower Upper
43 100
72 21.4 17.7 26.5



#29
Tetrahydrofuran
Concen: 1.152 ug/l
RT: 7.350 min Scan# 907
Delta R.T. 0.006 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

Tgt Ion: 42 Resp: 366
Ion Ratio Lower Upper
42 100
72 5.5 30.3 45.5#
71 0.0 29.0 43.4#

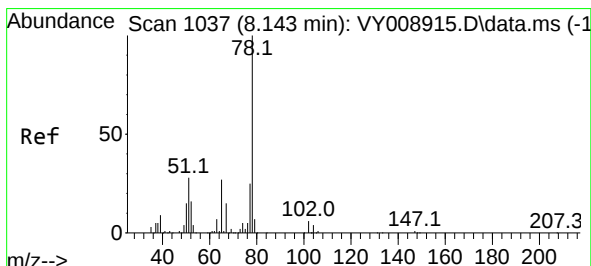
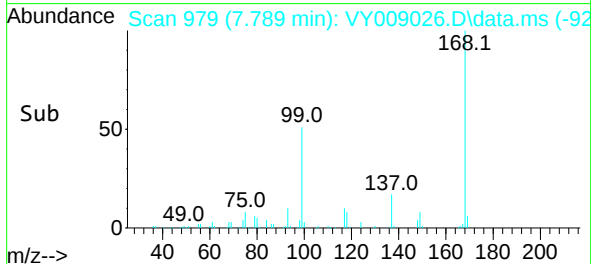
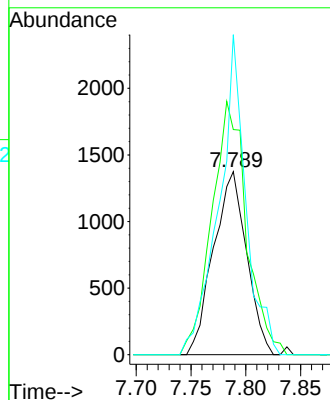
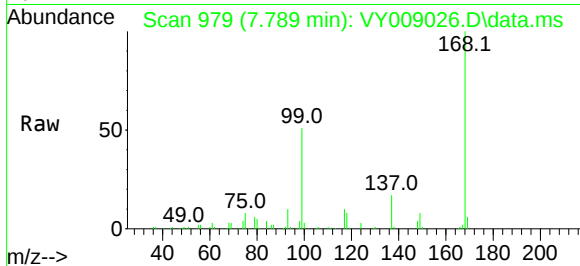




#31
Cyclohexane
Concen: 1.175 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

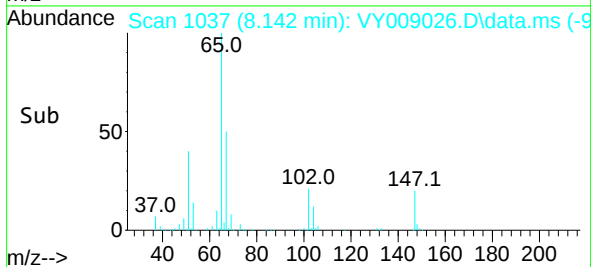
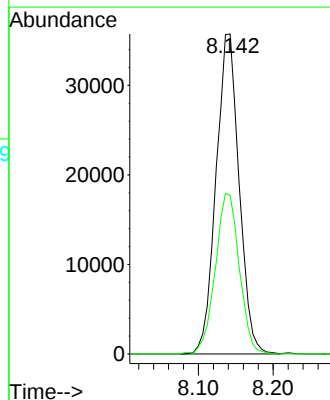
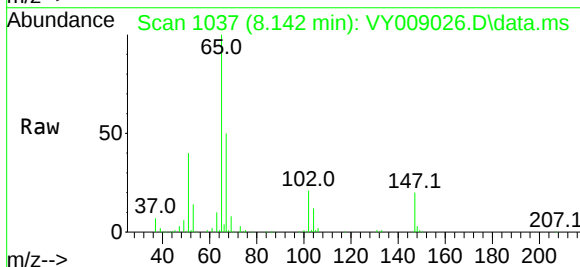
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0006-02

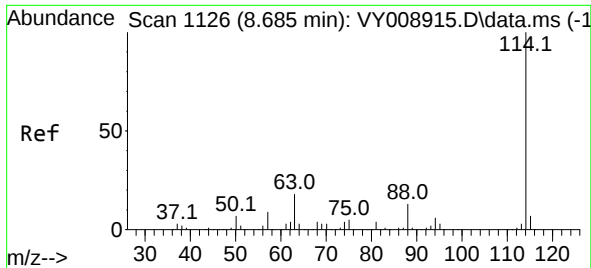
Tgt Ion: 56 Resp: 2892
Ion Ratio Lower Upper
56 100
69 123.0 26.7 40.1#
84 174.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 60.949 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

Tgt Ion: 65 Resp: 76690
Ion Ratio Lower Upper
65 100
67 52.2 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: VY009026.D

Acq: 23 May 2022 23:40

Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-0006-02

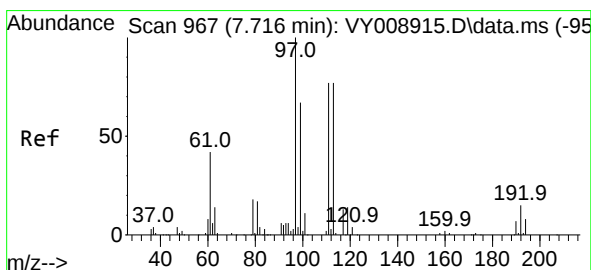
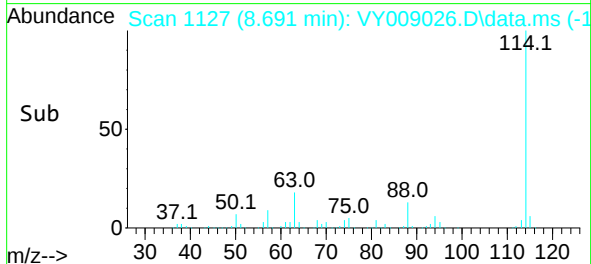
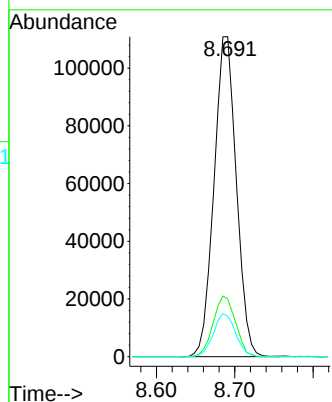
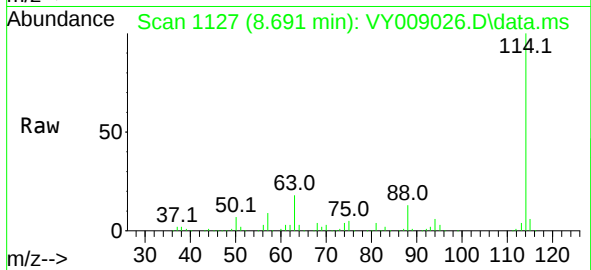
Tgt Ion:114 Resp: 219839

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 12.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.098 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY009026.D

Acq: 23 May 2022 23:40

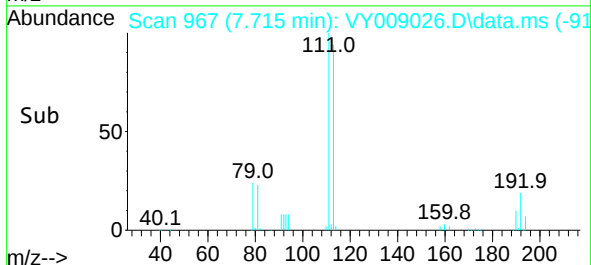
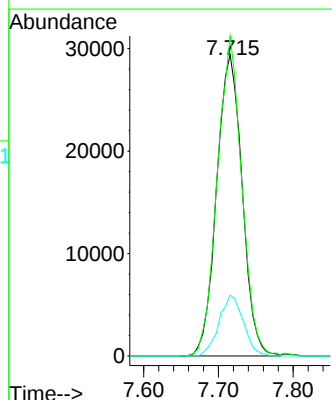
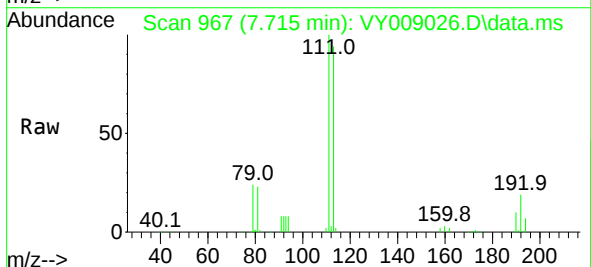
Tgt Ion:113 Resp: 69853

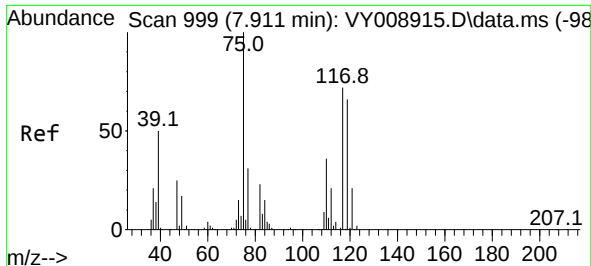
Ion Ratio Lower Upper

113 100

111 102.2 82.6 124.0

192 19.3 17.6 26.4

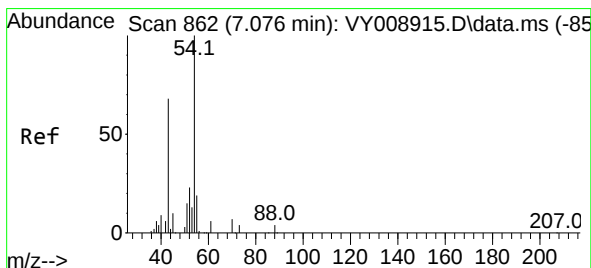
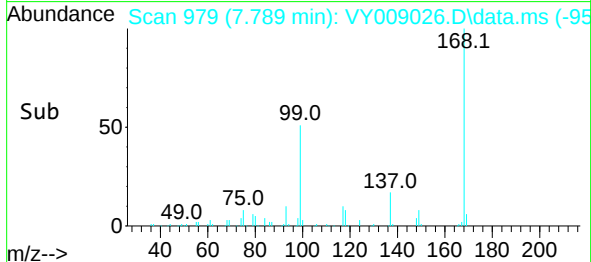
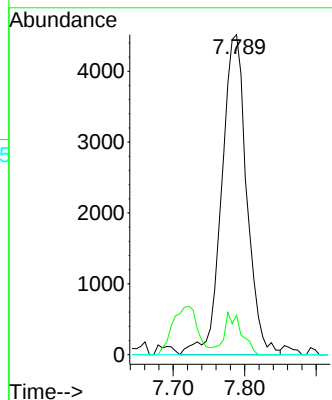
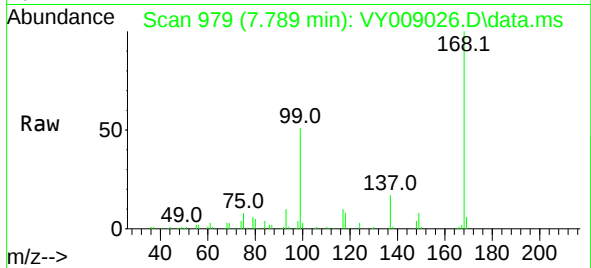




#36
1,1-Dichloropropene
Concen: 4.713 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

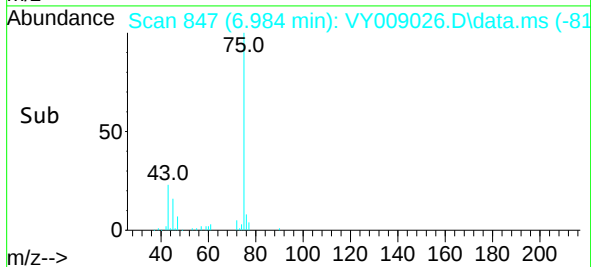
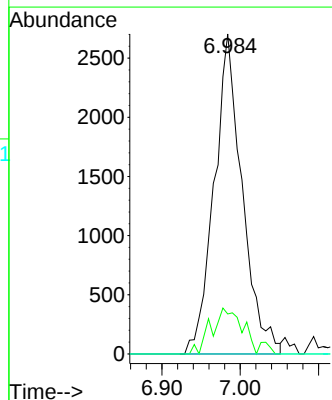
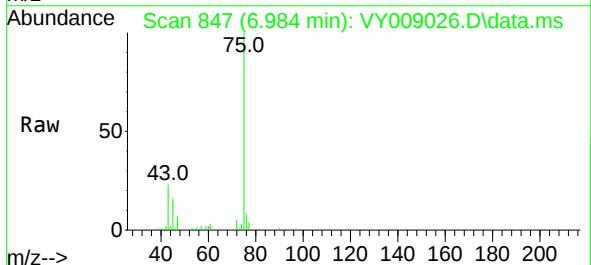
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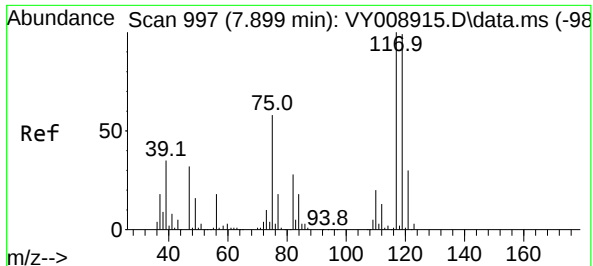
Tgt Ion: 75 Resp: 10964
Ion Ratio Lower Upper
75 100
110 9.3 17.1 51.2#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 5.589 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.092 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

Tgt Ion: 43 Resp: 6745
Ion Ratio Lower Upper
43 100
61 15.7 9.7 14.5#
70 0.0 7.1 10.7#

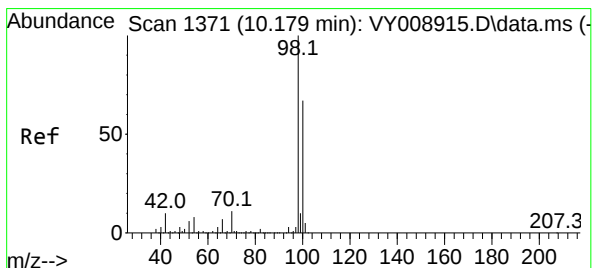
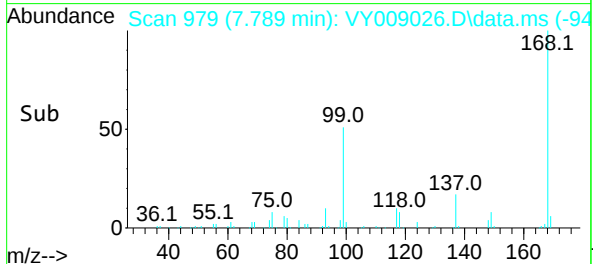
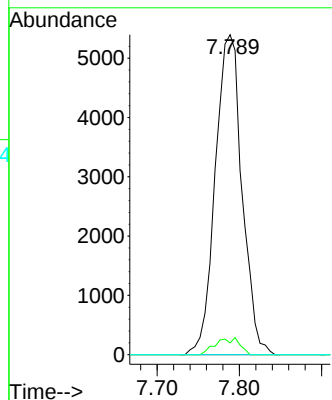
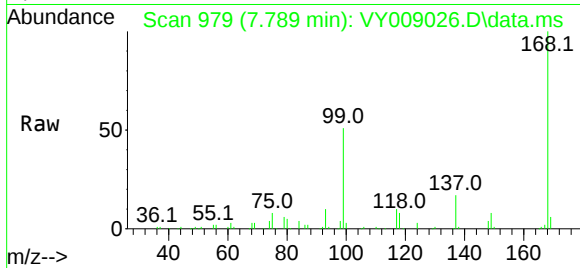




#38
Carbon Tetrachloride
Concen: 5.026 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

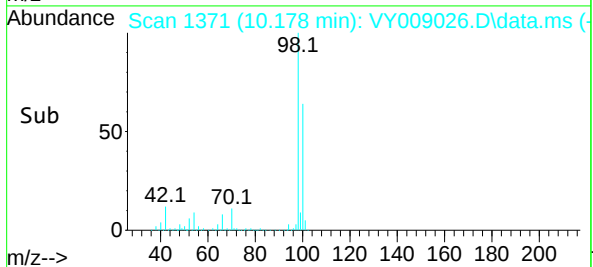
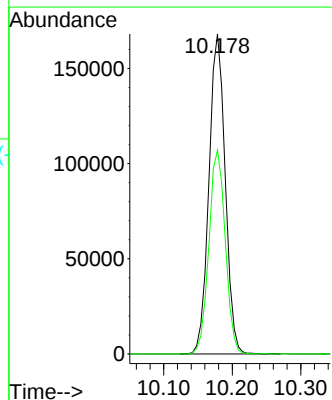
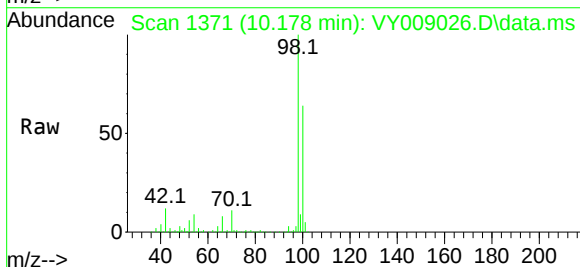
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0006-02

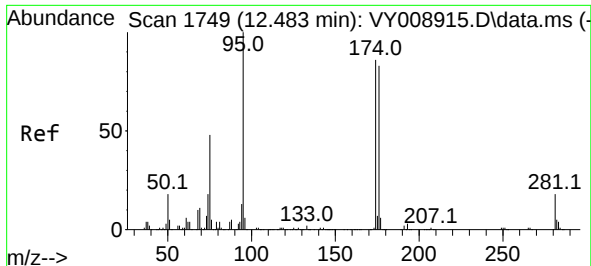
Tgt Ion:117 Resp: 12231
Ion Ratio Lower Upper
117 100
119 3.7 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 55.052 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

Tgt Ion: 98 Resp: 277641
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

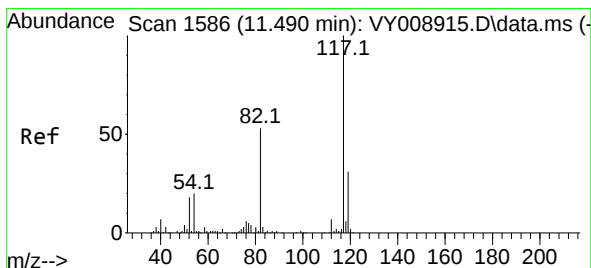
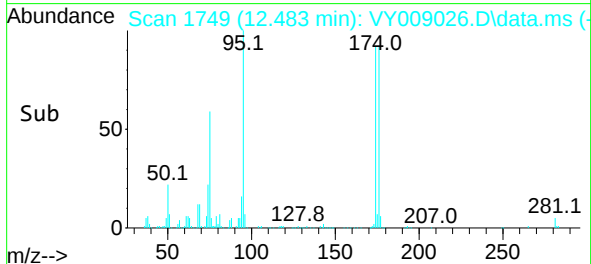
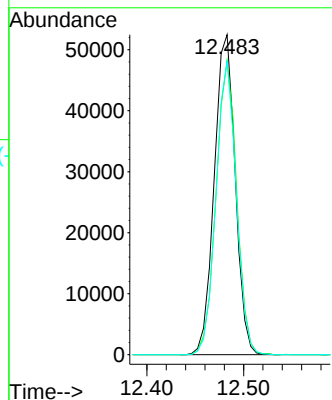
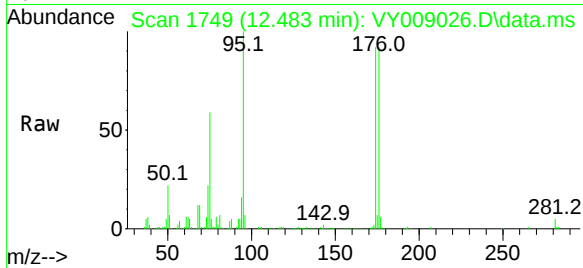




#62
4-Bromofluorobenzene
Concen: 38.745 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

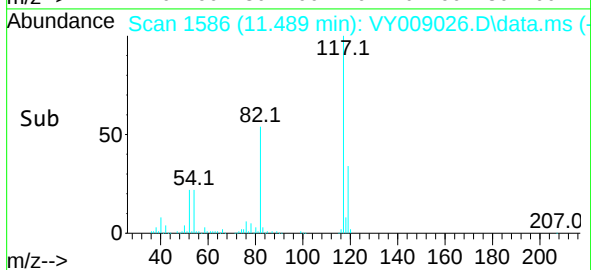
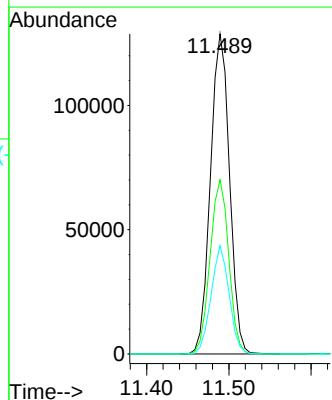
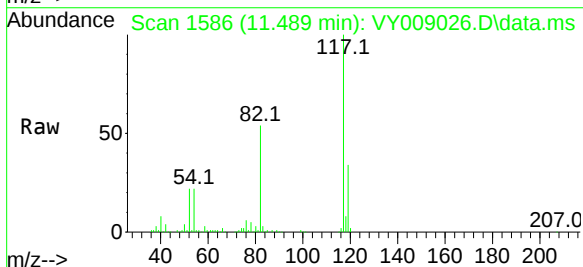
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-0006-02

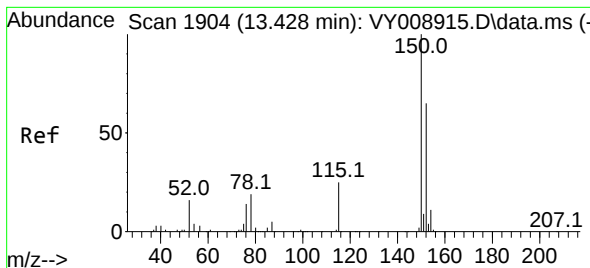
Tgt Ion: 95 Resp: 78823
Ion Ratio Lower Upper
95 100
174 90.4 0.0 177.0
176 88.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009026.D
Acq: 23 May 2022 23:40

Tgt Ion: 117 Resp: 207649
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 33.9 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY009026.D

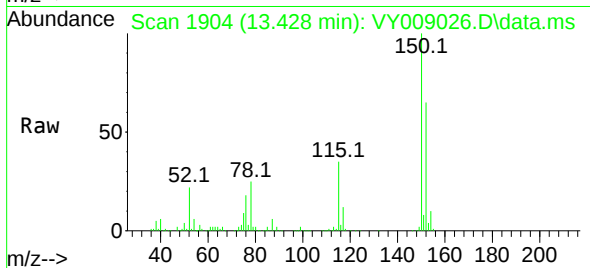
Acq: 23 May 2022 23:40

Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-0006-02



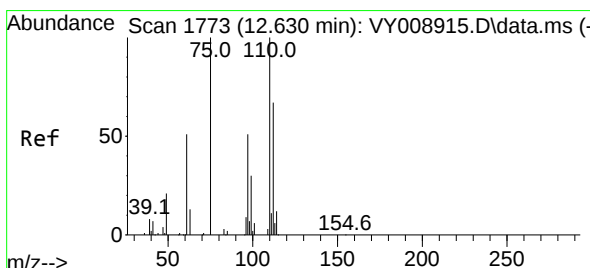
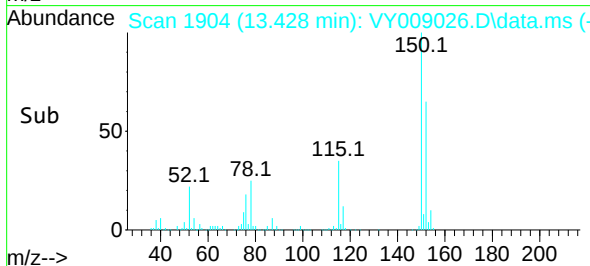
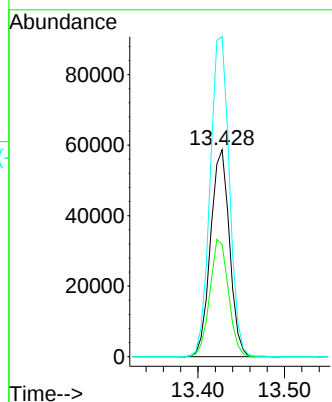
Tgt Ion:152 Resp: 89330

Ion Ratio Lower Upper

152 100

115 55.7 28.2 84.7

150 156.5 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 48.261 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY009026.D

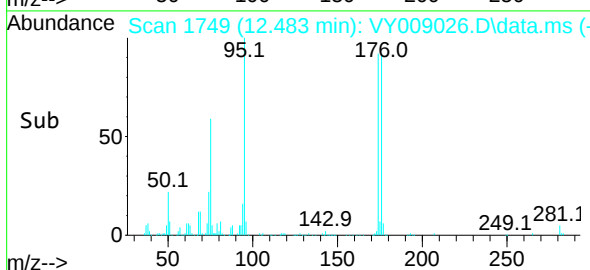
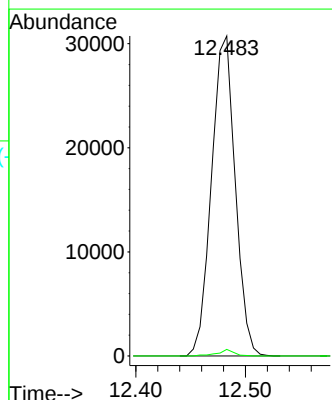
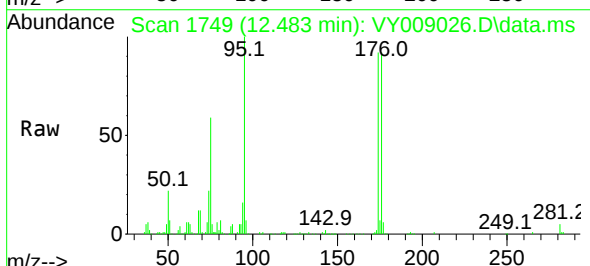
Acq: 23 May 2022 23:40

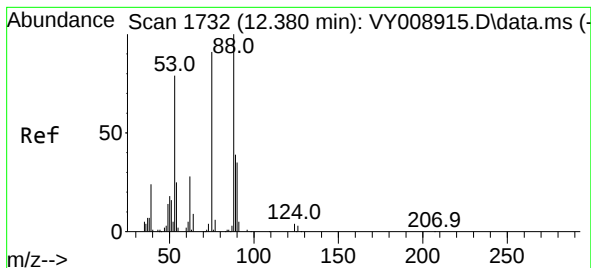
Tgt Ion: 75 Resp: 46297

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 99.057 ug/l

RT: 12.483 min Scan# 11

Delta R.T. 0.103 min

Lab File: VY009026.D

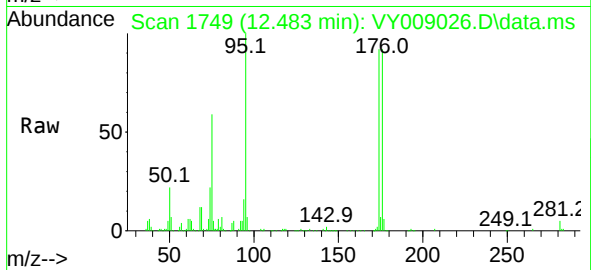
Acq: 23 May 2022 23:40

Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-0006-02



Tgt Ion: 75 Resp: 46297

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 0.1 37.0 55.4#

