

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009029.D
 Acq On : 24 May 2022 00:50
 Operator : KP/MD
 Sample : N2948-09
 Misc : 4.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-1218-02

Quant Time: May 24 01:53:57 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)

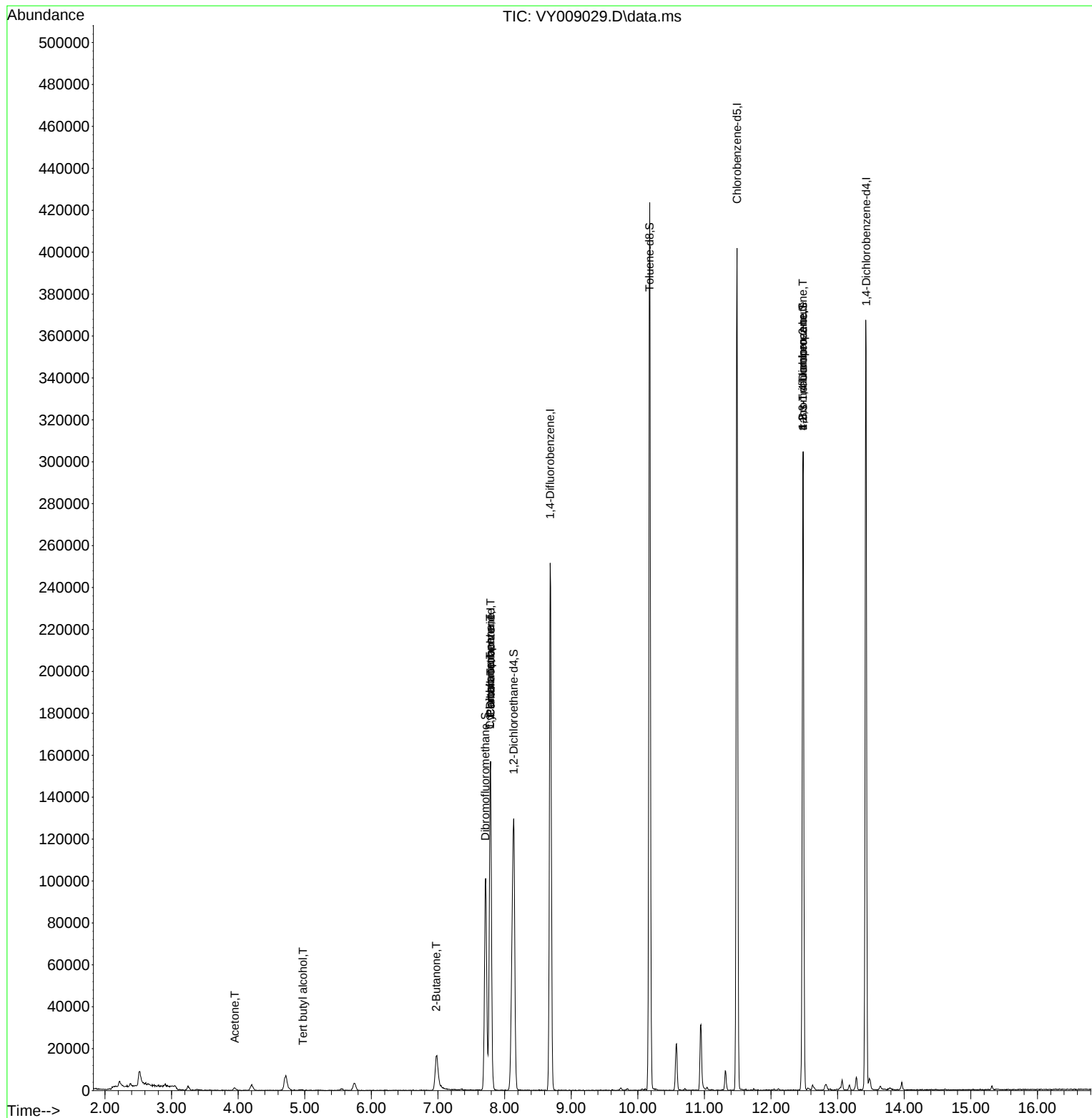
Internal Standards						
1) Pentafluorobenzene	7.789	168	119233	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	214265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	203799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76056	61.979	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 123.960%	
35) Dibromofluoromethane	7.710	113	68305	51.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.540%	
50) Toluene-d8	10.179	98	264200	53.750	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.500%	
62) 4-Bromofluorobenzene	12.477	95	79873	40.283	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.560%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.972	59	437	3.511	ug/l #	77
16) Acetone	3.948	43	2179	8.531	ug/l	98
20) Methylene Chloride	4.716	84	5192	Below Cal	#	83
25) 2-Butanone	6.972	43	1170	2.564	ug/l #	54
31) Cyclohexane	7.783	56	3109	1.295	ug/l #	25
36) 1,1-Dichloropropene	7.783	75	10120	4.463	ug/l #	52
38) Carbon Tetrachloride	7.789	117	11829	4.987	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	45188	47.078	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45188	96.628	ug/l #	8

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

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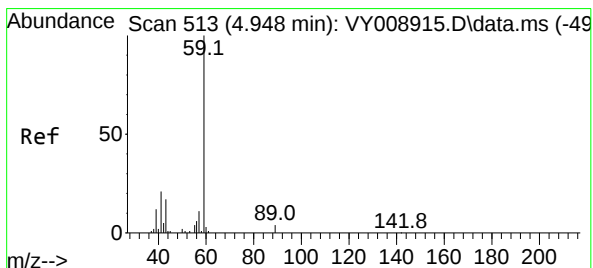
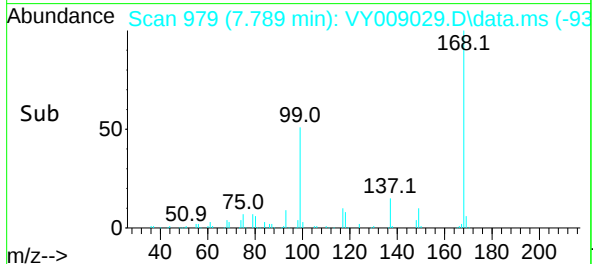
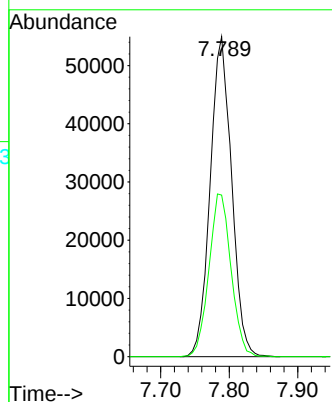
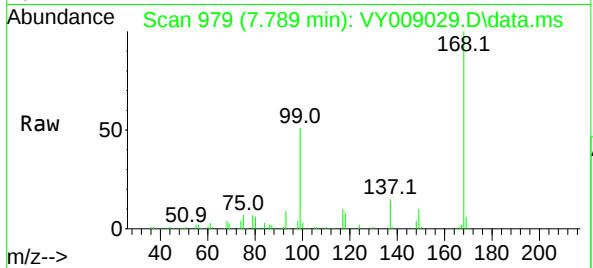




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009029.D
Acq: 24 May 2022 00:50

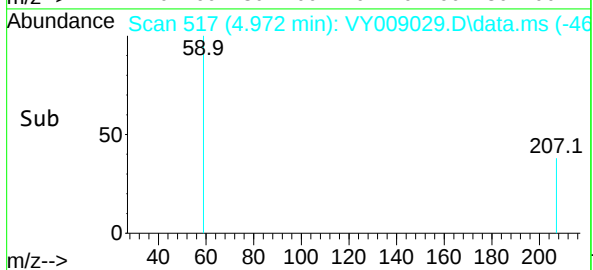
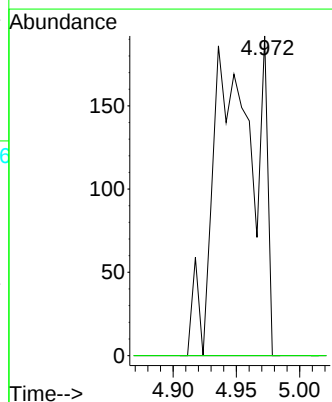
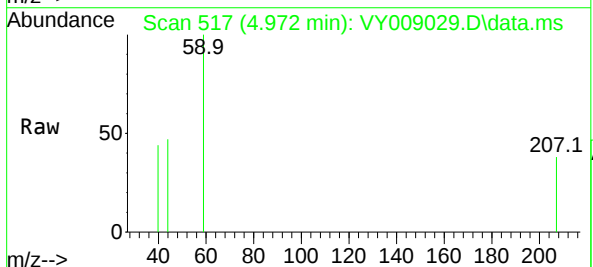
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-1218-02

Tgt Ion:168 Resp: 119233
Ion Ratio Lower Upper
168 100
99 50.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.511 ug/l
RT: 4.972 min Scan# 517
Delta R.T. 0.024 min
Lab File: VY009029.D
Acq: 24 May 2022 00:50

Tgt Ion: 59 Resp: 437
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

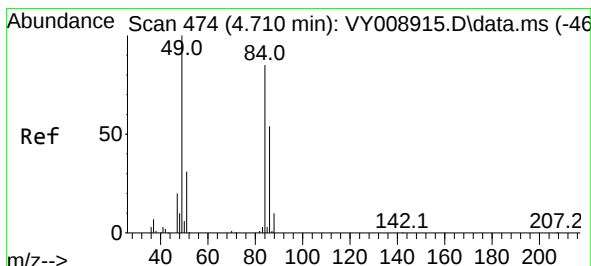
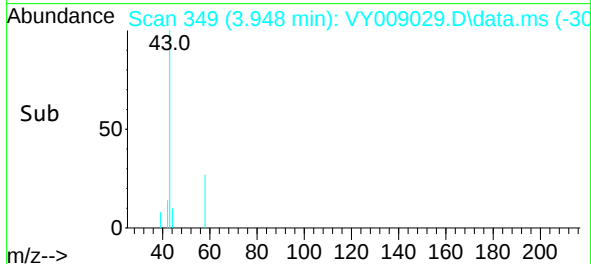
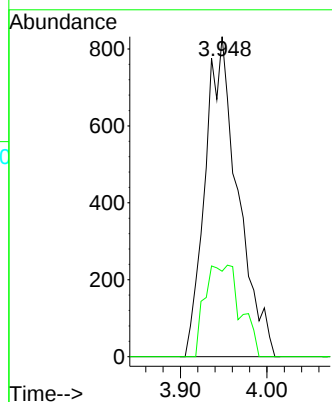
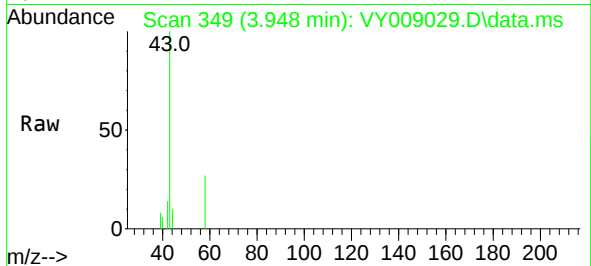




#16
Acetone
Concen: 8.531 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009029.D
Acq: 24 May 2022 00:50

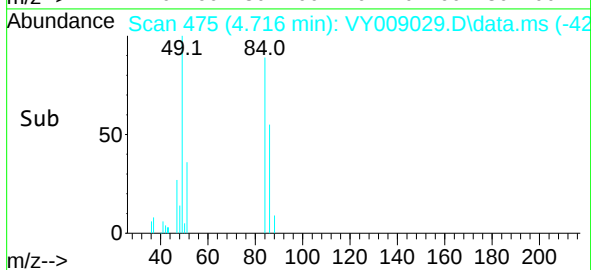
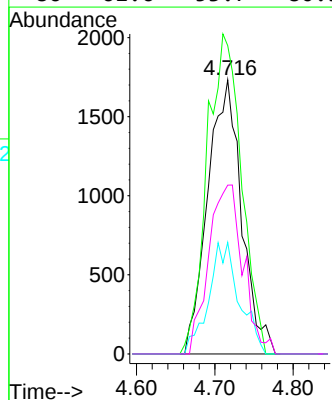
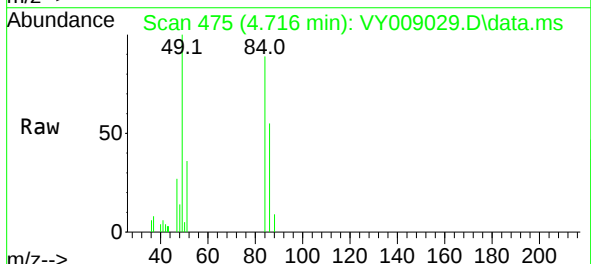
Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-1218-02

Tgt Ion: 43 Resp: 2179
Ion Ratio Lower Upper
43 100
58 26.7 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY009029.D
Acq: 24 May 2022 00:50

Tgt Ion: 84 Resp: 5192
Ion Ratio Lower Upper
84 100
49 112.5 114.4 171.6#
51 40.7 35.3 52.9
86 61.6 53.7 80.5





#25

2-Butanone

Concen: 2.564 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.012 min

Lab File: VY009029.D

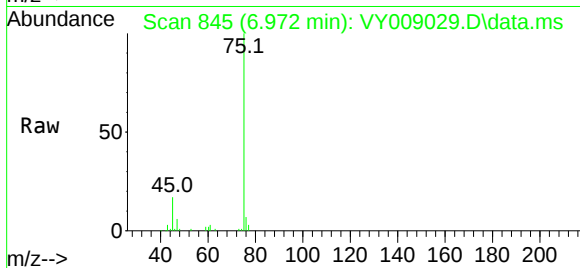
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Instrument :

MSVOA_Y

ClientSampleId :

P035-SS001-1218-02

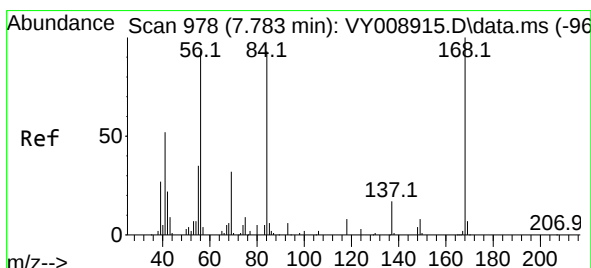
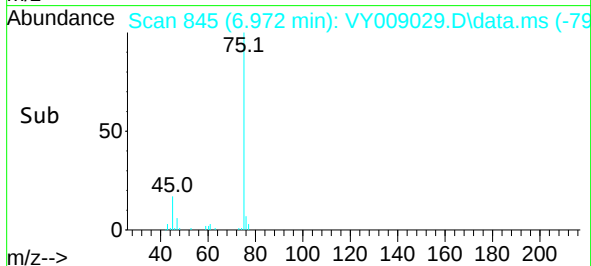
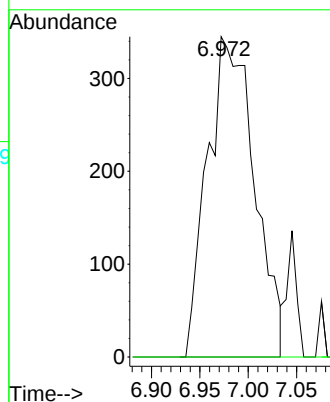


Tgt Ion: 43 Resp: 1170

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.295 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY009029.D

Acq: 24 May 2022 00:50

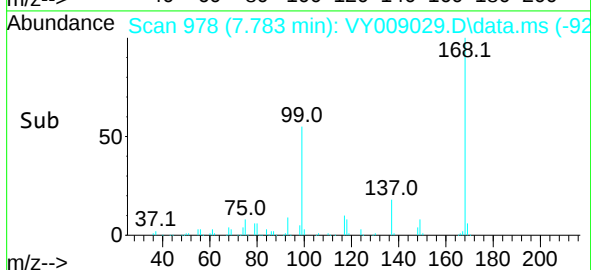
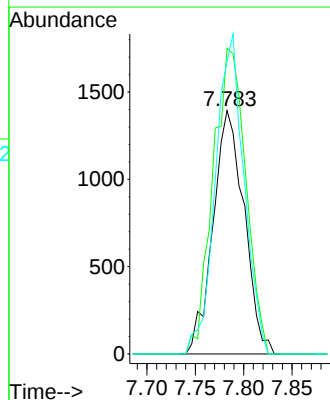
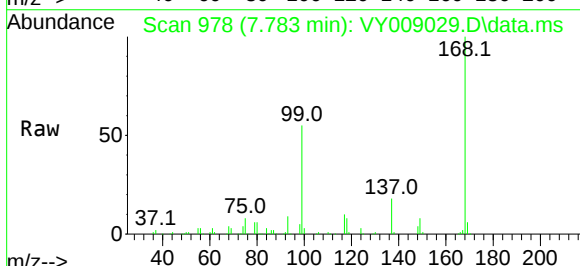
Tgt Ion: 56 Resp: 3109

Ion Ratio Lower Upper

56 100

69 125.6 26.7 40.1#

84 120.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.979 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY009029.D

Acq: 24 May 2022 00:50

Instrument :

MSVOA_Y

ClientSampleId :

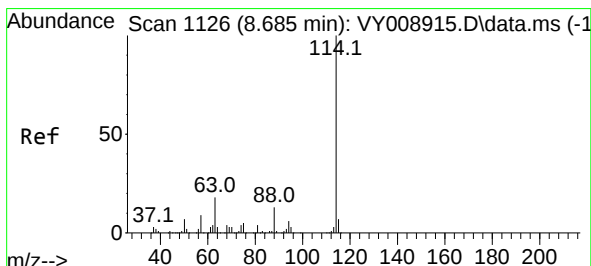
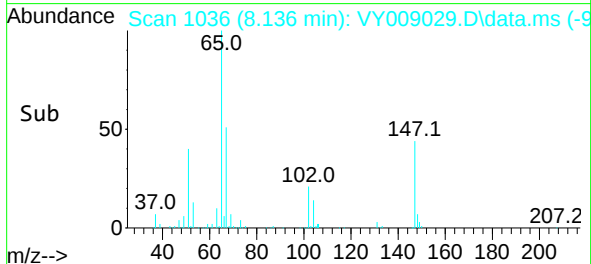
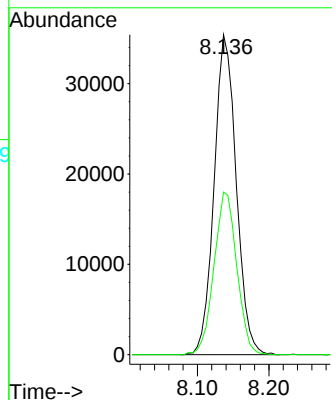
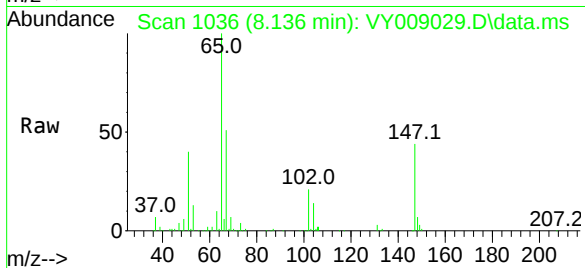
P035-SS001-1218-02

Tgt Ion: 65 Resp: 76056

Ion Ratio Lower Upper

65 100

67 52.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009029.D

Acq: 24 May 2022 00:50

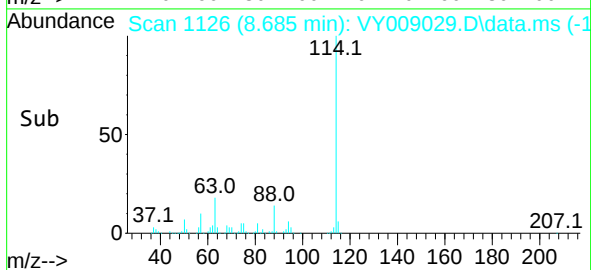
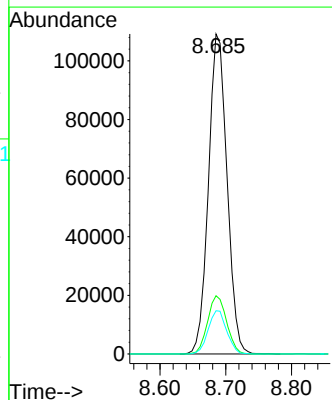
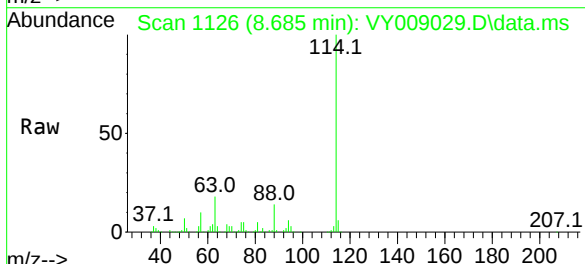
Tgt Ion: 114 Resp: 214265

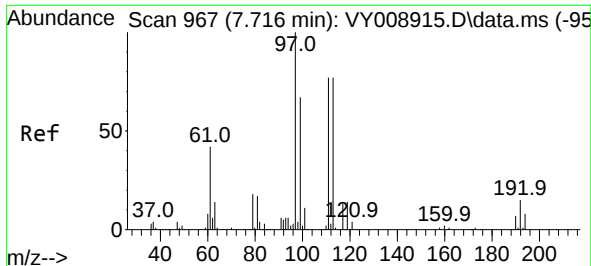
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 13.5 0.0 31.8

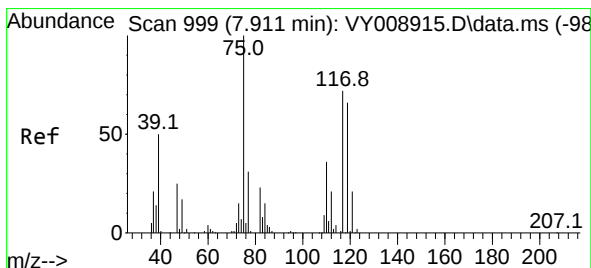
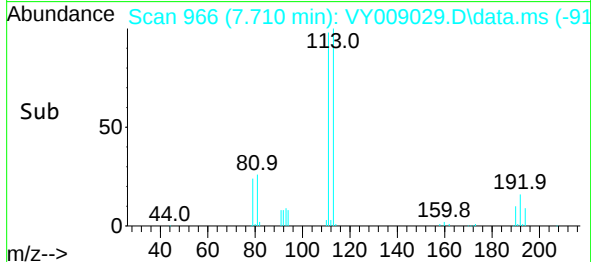
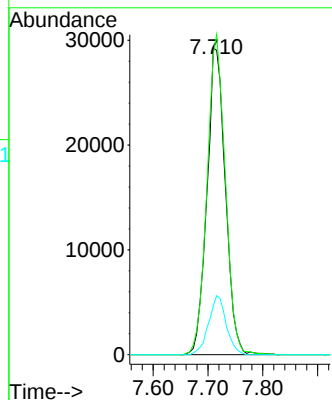
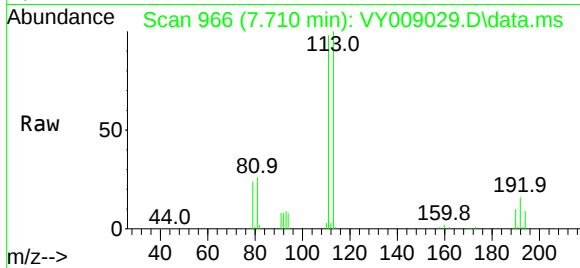




#35
Dibromofluoromethane
Concen: 51.265 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY009029.D
Acq: 24 May 2022 00:50

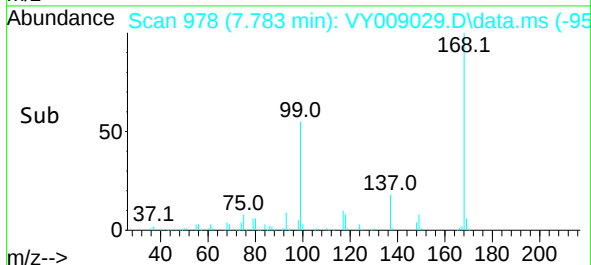
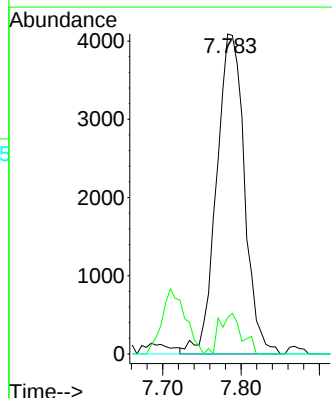
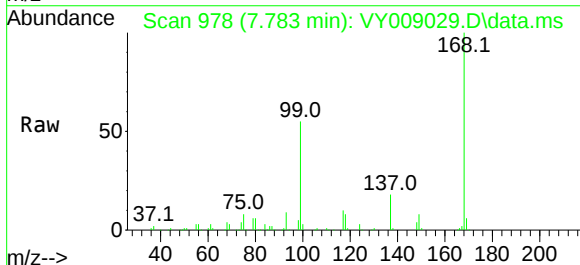
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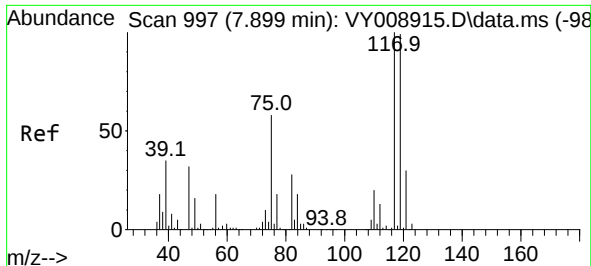
Tgt Ion:113 Resp: 68305
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 18.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.463 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009029.D
Acq: 24 May 2022 00:50

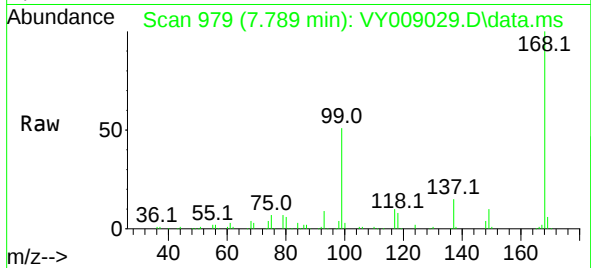
Tgt Ion: 75 Resp: 10120
Ion Ratio Lower Upper
75 100
110 10.2 17.1 51.2#
77 0.0 24.4 36.6#



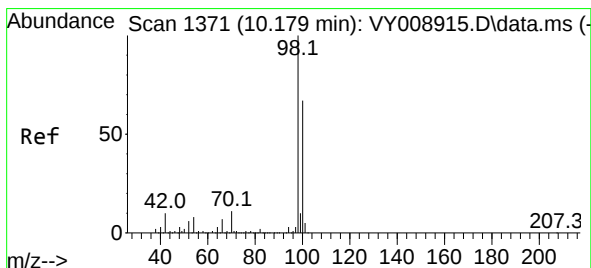
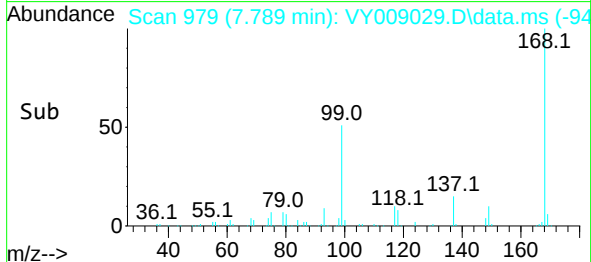
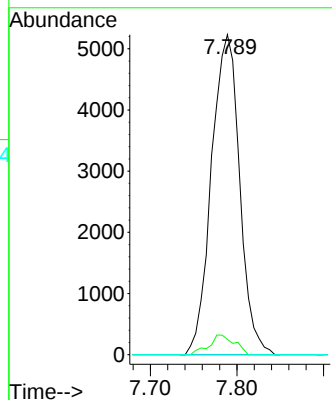


#38
Carbon Tetrachloride
Concen: 4.987 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009029.D
Acq: 24 May 2022 00:50

Instrument :
MSVOA_Y
ClientSampleId :
P035-SS001-1218-02

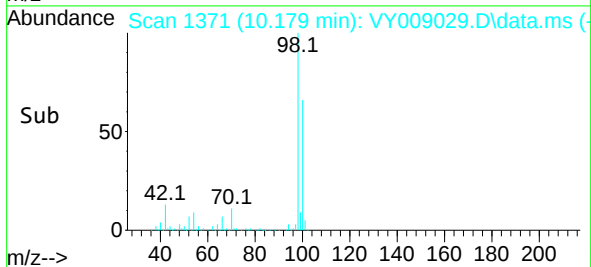
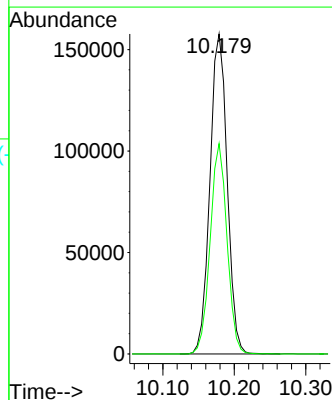
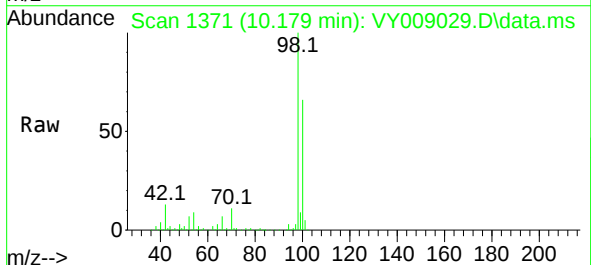


Tgt Ion:117 Resp: 11829
Ion Ratio Lower Upper
117 100
119 4.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.750 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009029.D
Acq: 24 May 2022 00:50

Tgt Ion: 98 Resp: 264200
Ion Ratio Lower Upper
98 100
100 64.2 50.2 75.2

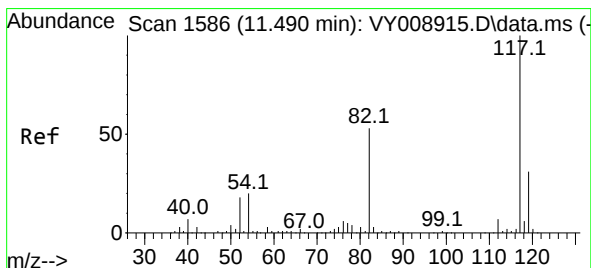
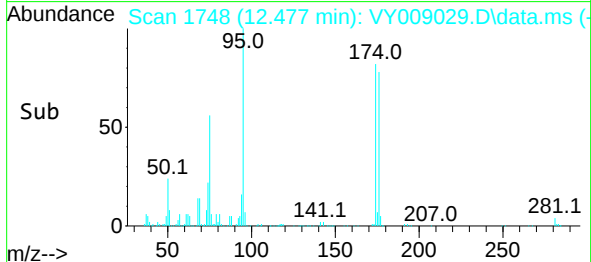
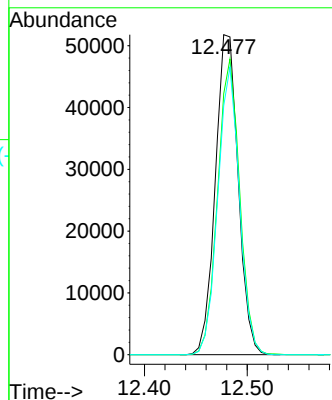
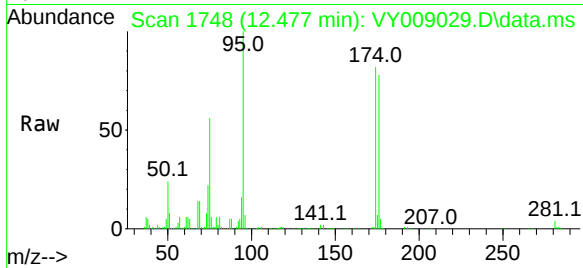




#62
4-Bromofluorobenzene
Concen: 40.283 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009029.D
Acq: 24 May 2022 00:50

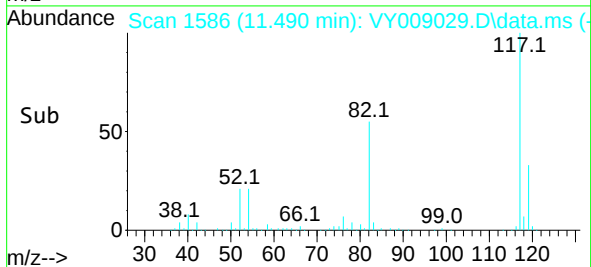
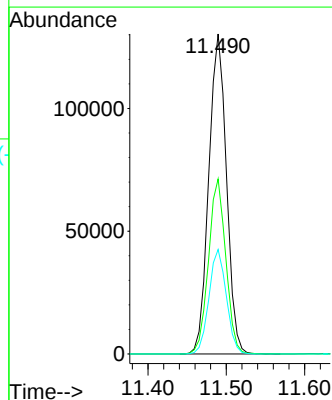
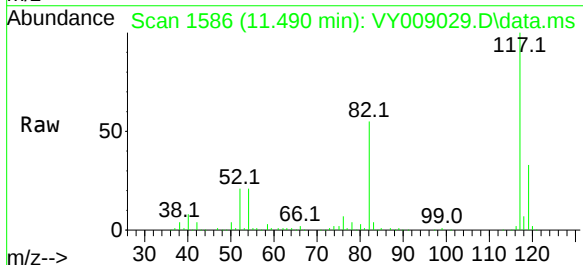
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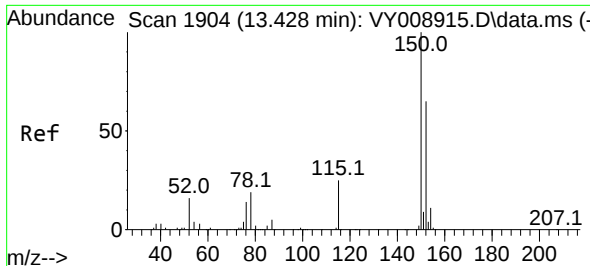
Tgt Ion: 95 Resp: 79873
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 85.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009029.D
Acq: 24 May 2022 00:50

Tgt Ion: 117 Resp: 203799
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.7 25.4 38.0

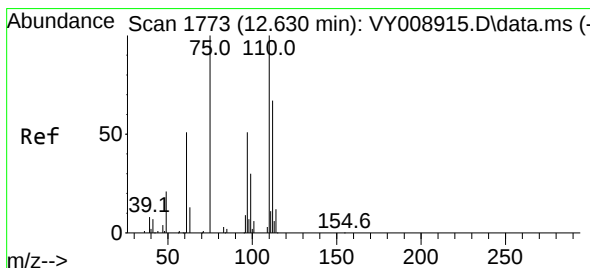
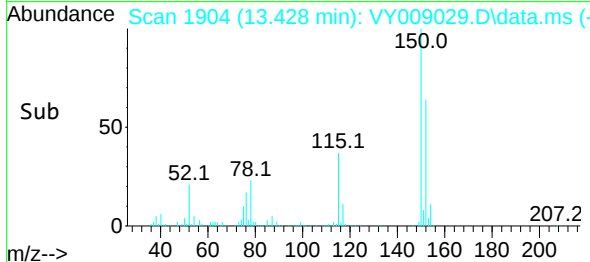
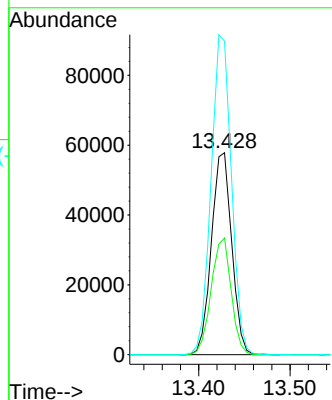
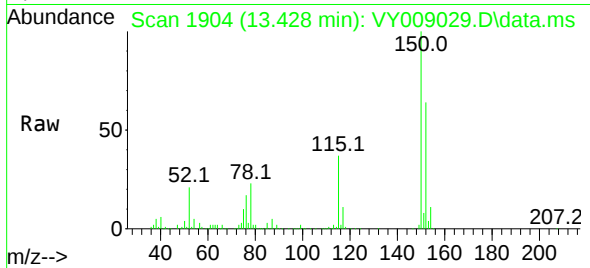




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009029.D
 Acq: 24 May 2022 00:50

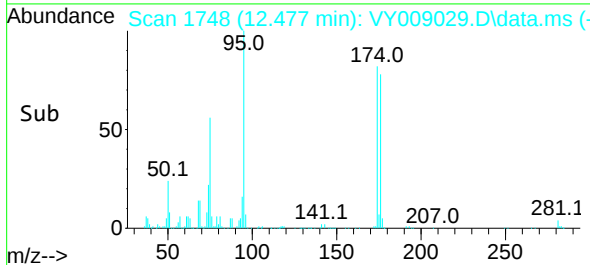
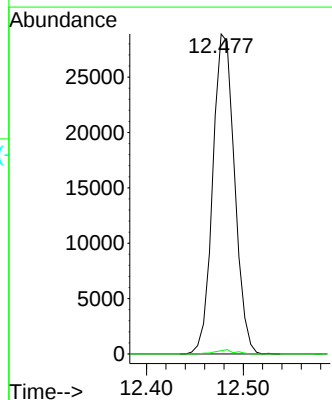
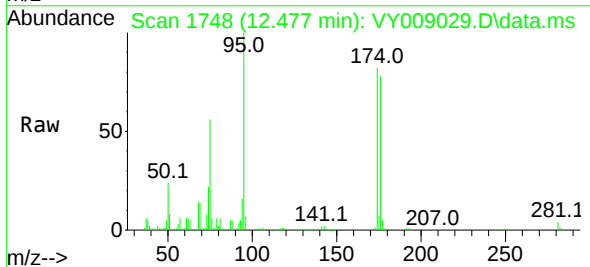
Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-1218-02

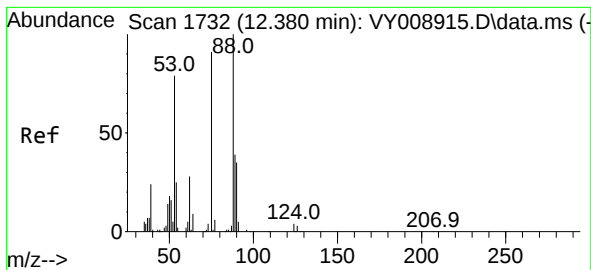
Tgt Ion:152 Resp: 89382
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.2 84.7
 150 158.2 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.078 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009029.D
 Acq: 24 May 2022 00:50

Tgt Ion: 75 Resp: 45188
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.628 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.097 min
 Lab File: VY009029.D
 Acq: 24 May 2022 00:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 P035-SS001-1218-02

Tgt Ion: 75 Resp: 45188
 Ion Ratio Lower Upper
 75 100
 53 0.4 85.3 127.9#
 89 0.0 37.0 55.4#

