

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008934.D
 Acq On : 21 May 2022 03:59
 Operator : KP/MD
 Sample : N2888-05
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P042-SS001-0006-01

Quant Time: May 21 04:26:06 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)

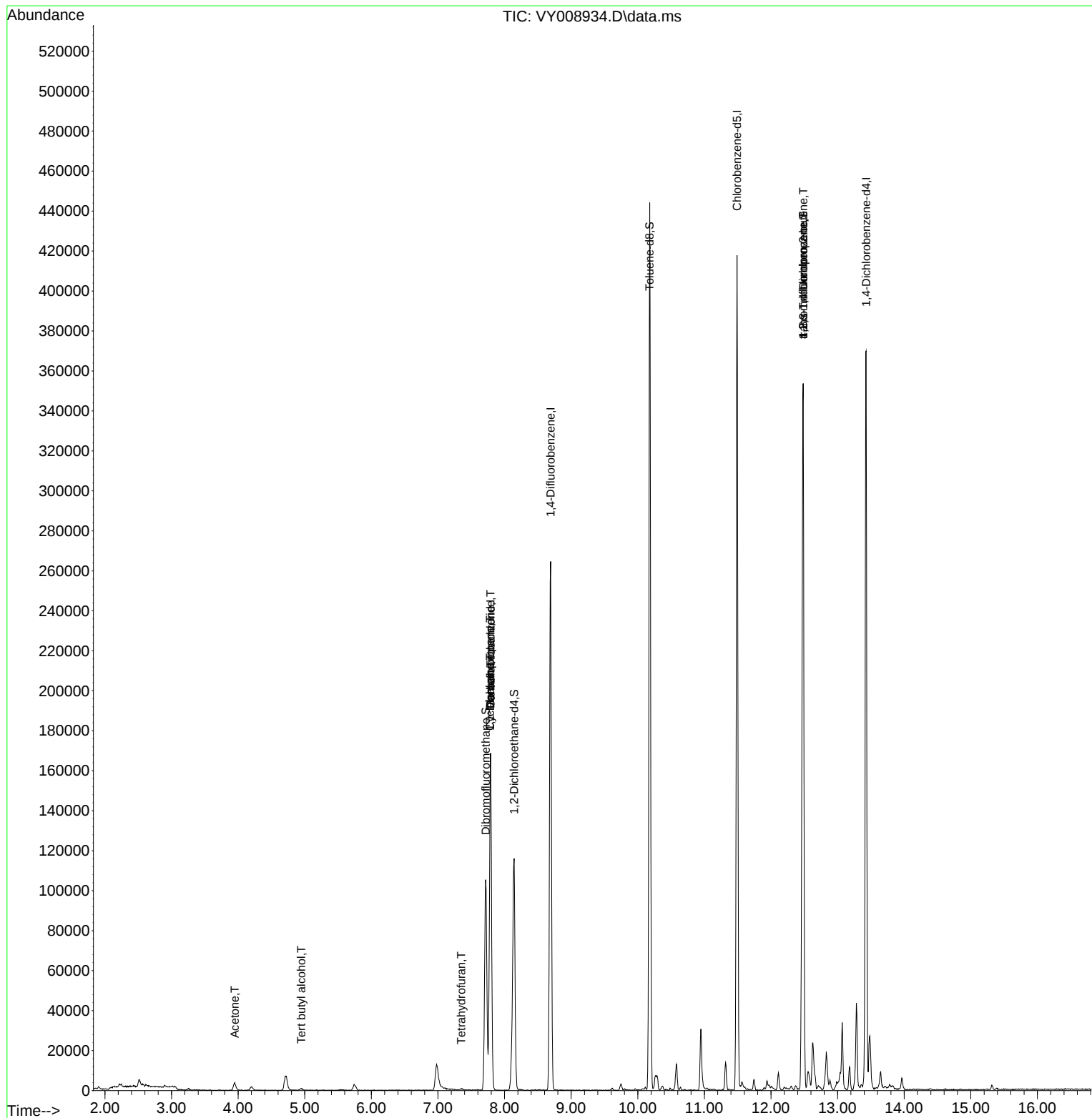
Internal Standards						
1) Pentafluorobenzene	7.789	168	125089	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	223693	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	213567	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	93227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	81120	63.011	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.020%	
35) Dibromofluoromethane	7.716	113	72210	51.912	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.820%	
50) Toluene-d8	10.179	98	281143	54.786	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.580%	
62) 4-Bromofluorobenzene	12.483	95	86125	41.605	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 83.220%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	1649	12.628	ug/l #	77
16) Acetone	3.948	43	6357	23.722	ug/l	93
20) Methylene Chloride	4.723	84	5491	Below Cal		87
29) Tetrahydrofuran	7.350	42	468	1.439	ug/l #	70
31) Cyclohexane	7.783	56	3080	1.223	ug/l #	15
36) 1,1-Dichloropropene	7.783	75	10630	4.490	ug/l #	50
38) Carbon Tetrachloride	7.789	117	12392	5.004	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	49707	49.650	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49707	101.907	ug/l #	7

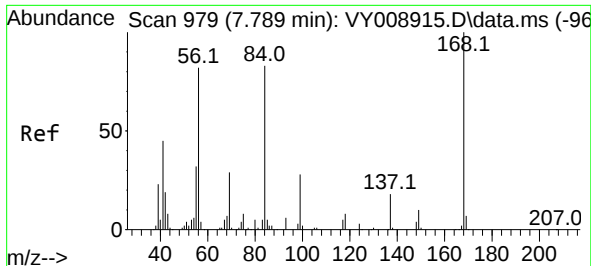
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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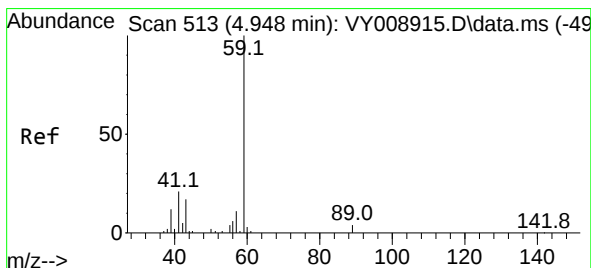
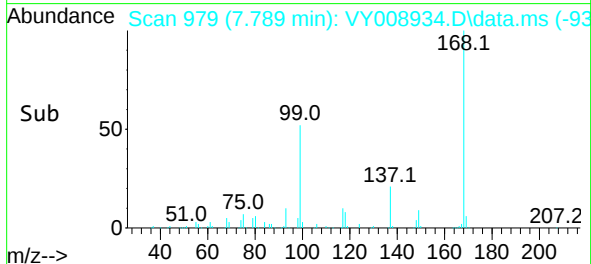
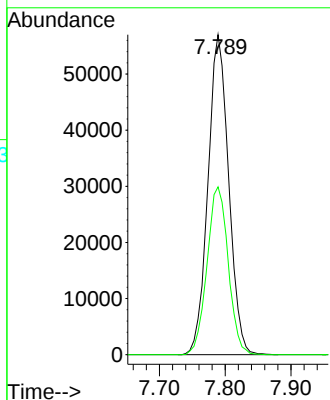
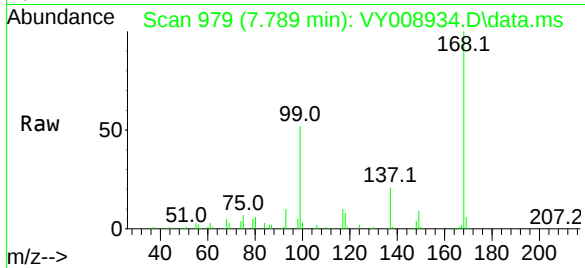




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008934.D
Acq: 21 May 2022 03:59

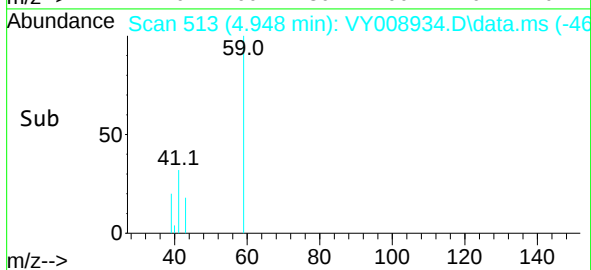
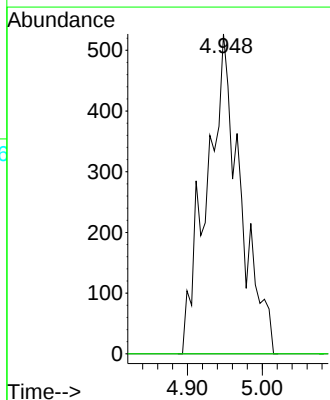
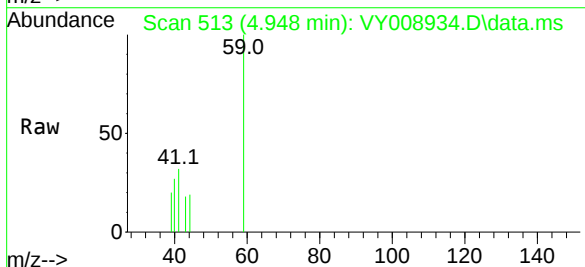
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-0006-01

Tgt Ion:168 Resp: 125089
Ion Ratio Lower Upper
168 100
99 52.4 46.9 70.3



#11
Tert butyl alcohol
Concen: 12.628 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY008934.D
Acq: 21 May 2022 03:59

Tgt Ion: 59 Resp: 1649
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

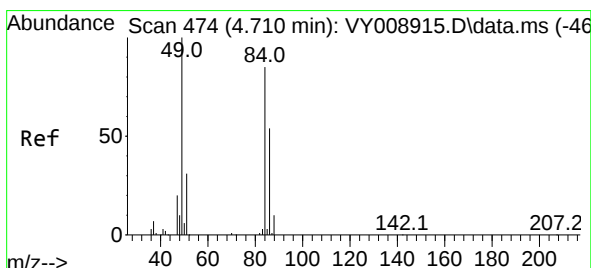
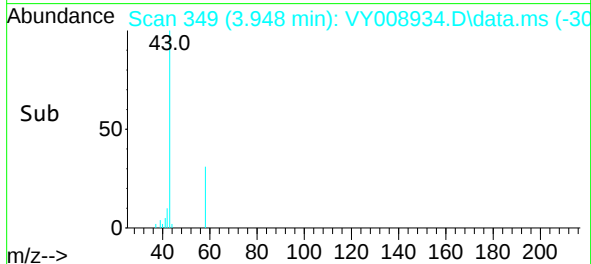
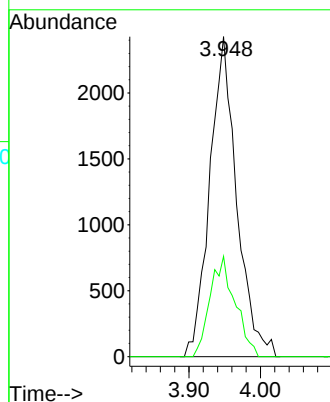
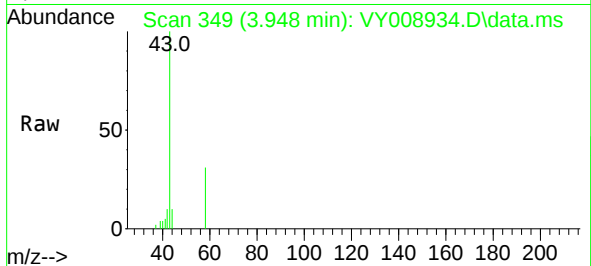




#16
Acetone
Concen: 23.722 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008934.D
Acq: 21 May 2022 03:59

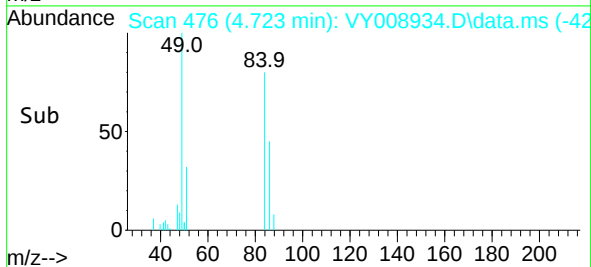
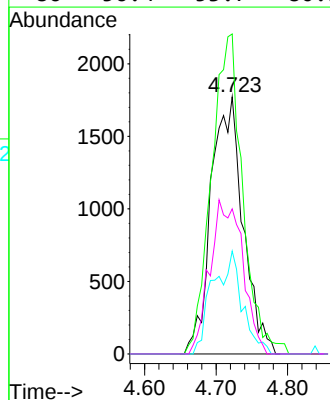
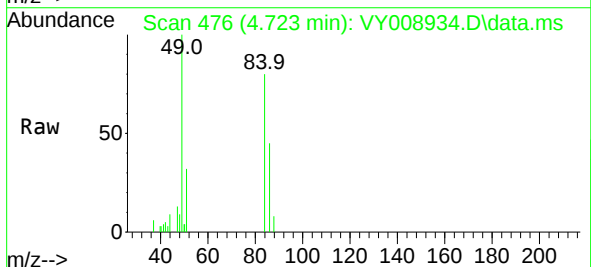
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-0006-01

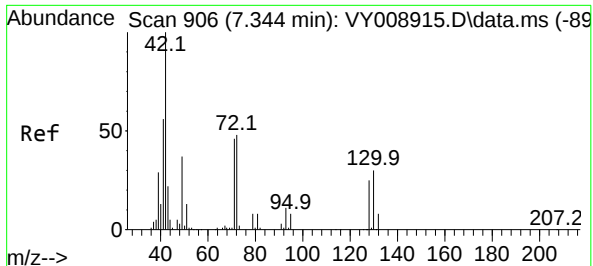
Tgt Ion: 43 Resp: 6357
Ion Ratio Lower Upper
43 100
58 31.4 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.723 min Scan# 476
Delta R.T. 0.013 min
Lab File: VY008934.D
Acq: 21 May 2022 03:59

Tgt Ion: 84 Resp: 5491
Ion Ratio Lower Upper
84 100
49 124.4 114.4 171.6
51 40.0 35.3 52.9
86 56.4 53.7 80.5

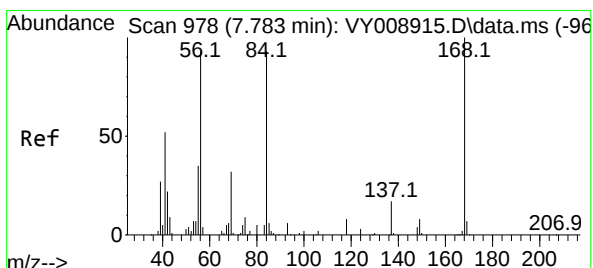
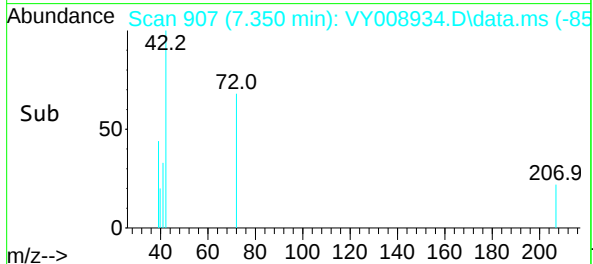
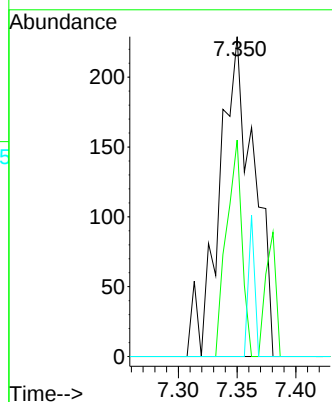
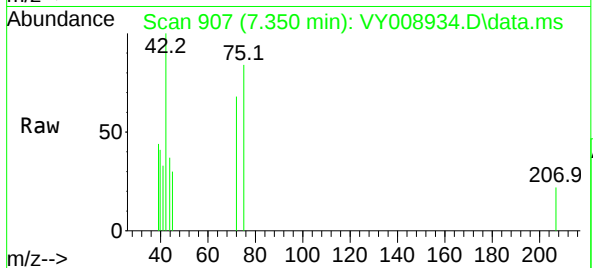




#29
Tetrahydrofuran
Concen: 1.439 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY008934.D
Acq: 21 May 2022 03:59

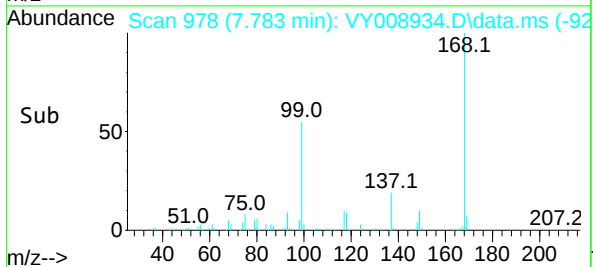
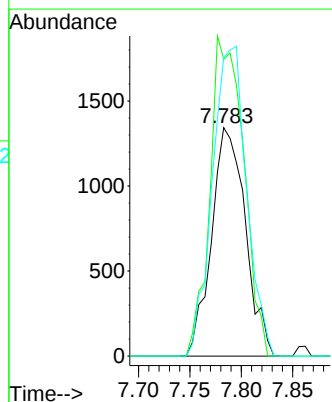
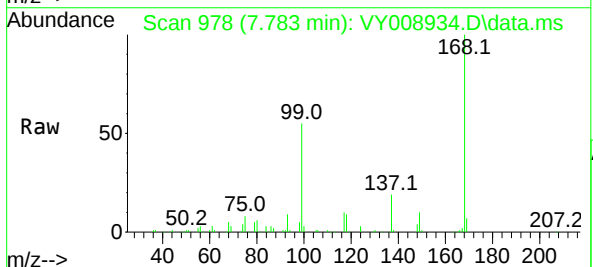
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-0006-01

Tgt Ion:	42	Resp:	468
Ion	Ratio	Lower	Upper
42	100		
72	30.3	30.3	45.5
71	7.9	29.0	43.4#



#31
Cyclohexane
Concen: 1.223 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008934.D
Acq: 21 May 2022 03:59

Tgt Ion:	56	Resp:	3080
Ion	Ratio	Lower	Upper
56	100		
69	129.9	26.7	40.1#
84	130.7	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.011 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY008934.D

Acq: 21 May 2022 03:59

Instrument :

MSVOA_Y

ClientSampleId :

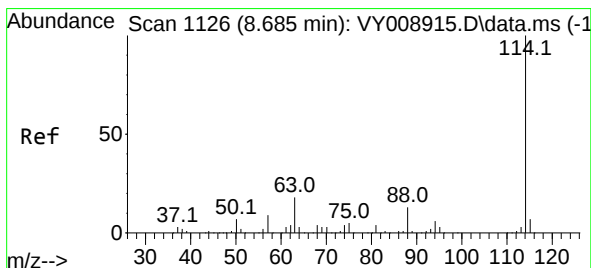
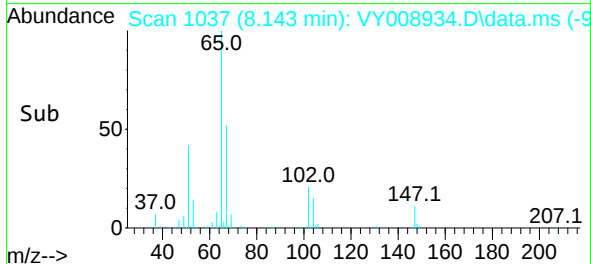
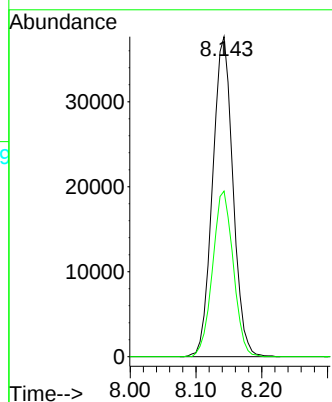
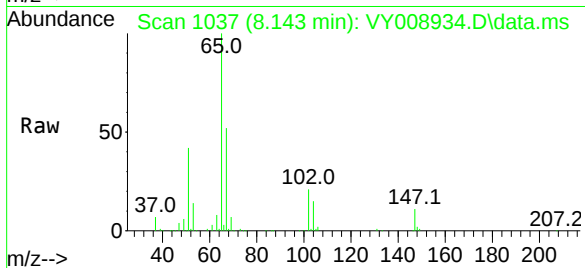
P042-SS001-0006-01

Tgt Ion: 65 Resp: 81120

Ion Ratio Lower Upper

65 100

67 52.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008934.D

Acq: 21 May 2022 03:59

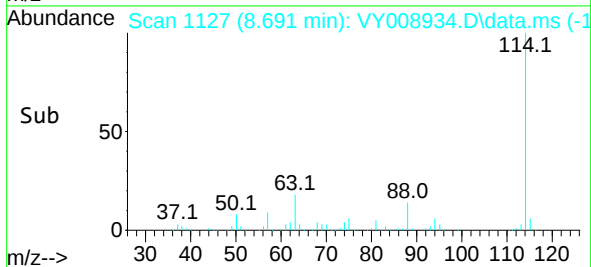
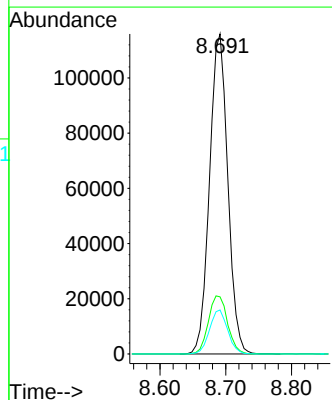
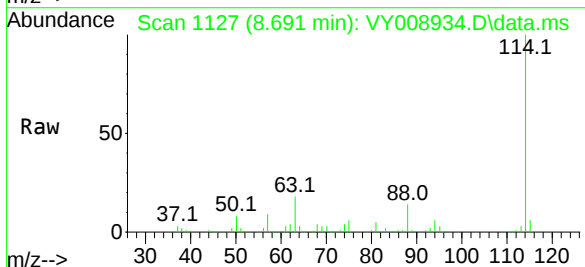
Tgt Ion: 114 Resp: 223693

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.7 0.0 31.8

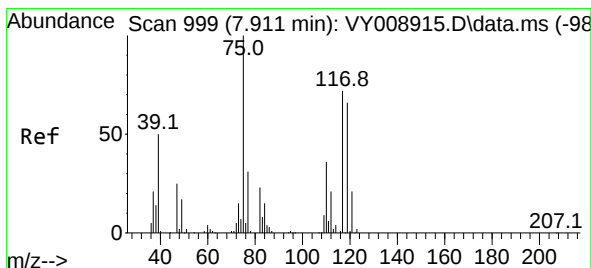
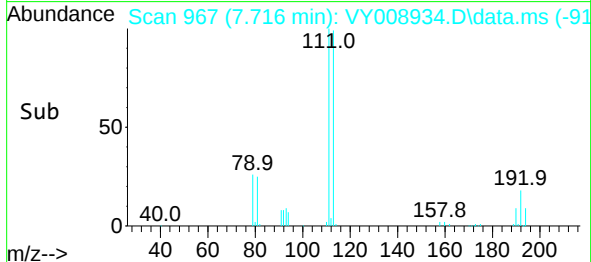
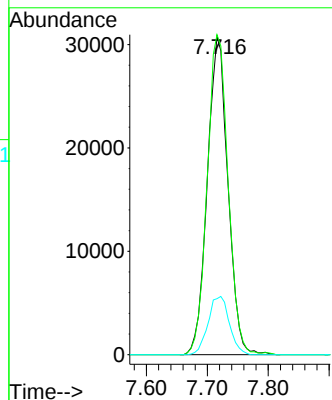
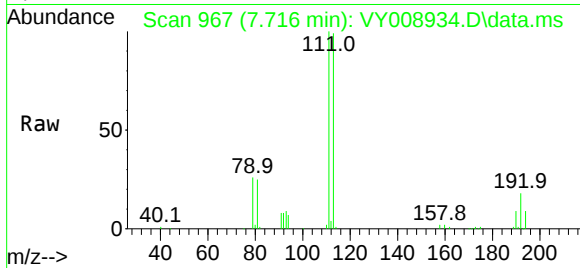




#35
Dibromofluoromethane
Concen: 51.912 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY008934.D
Acq: 21 May 2022 03:59

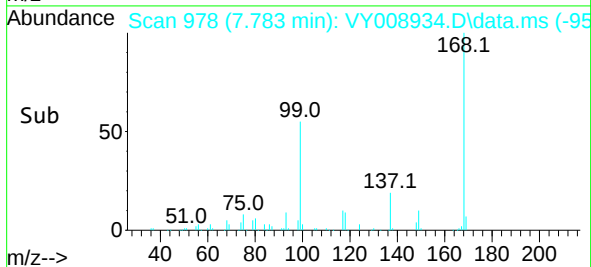
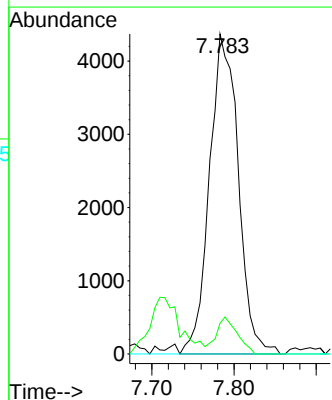
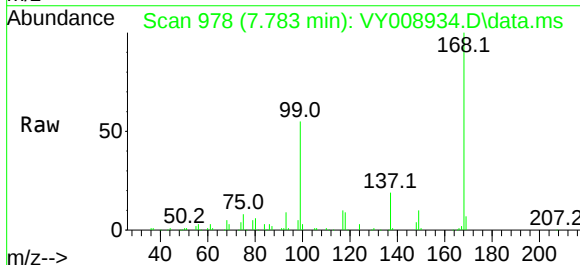
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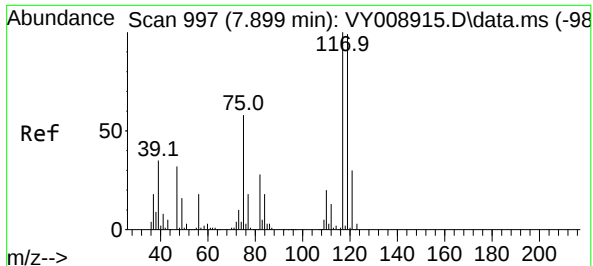
Tgt Ion:113 Resp: 72210
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.490 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY008934.D
Acq: 21 May 2022 03:59

Tgt Ion: 75 Resp: 10630
Ion Ratio Lower Upper
75 100
110 8.5 17.1 51.2#
77 0.0 24.4 36.6#

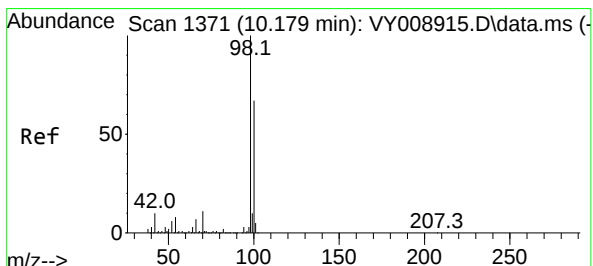
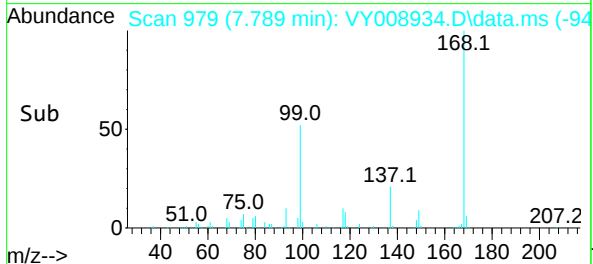
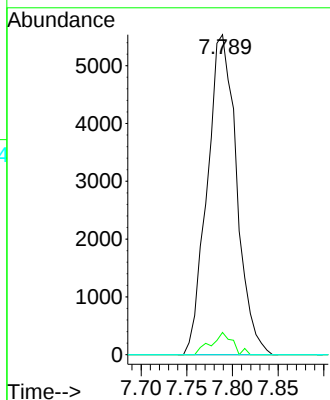
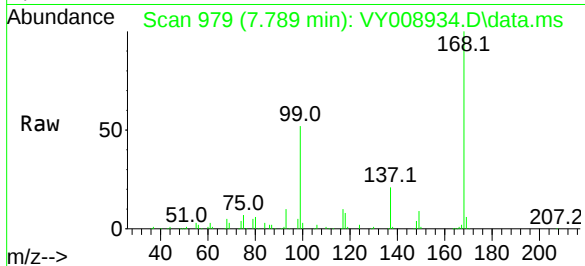




#38
Carbon Tetrachloride
Concen: 5.004 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008934.D
Acq: 21 May 2022 03:59

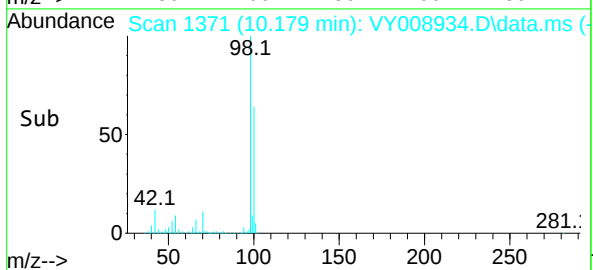
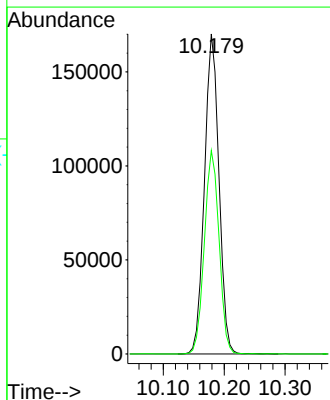
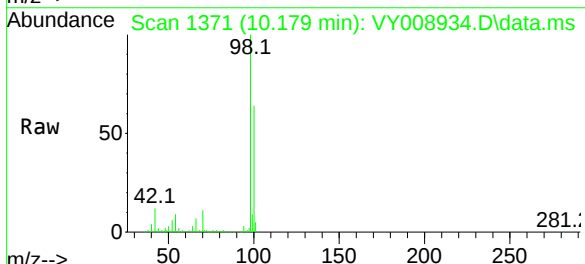
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-0006-01

Tgt Ion:117 Resp: 12392
Ion Ratio Lower Upper
117 100
119 7.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.786 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008934.D
Acq: 21 May 2022 03:59

Tgt Ion: 98 Resp: 281143
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2

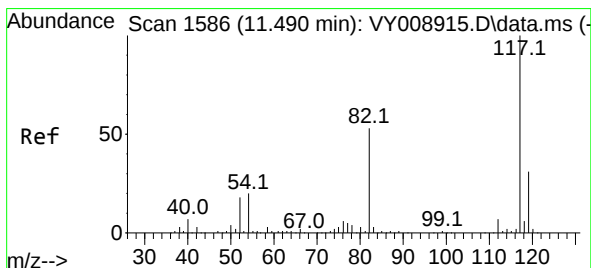
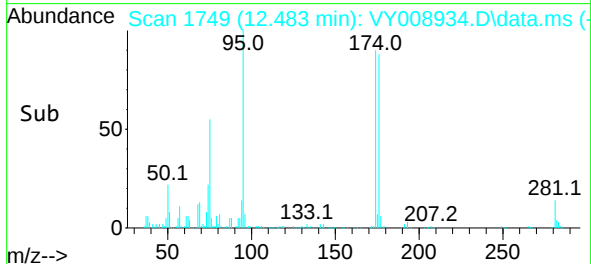
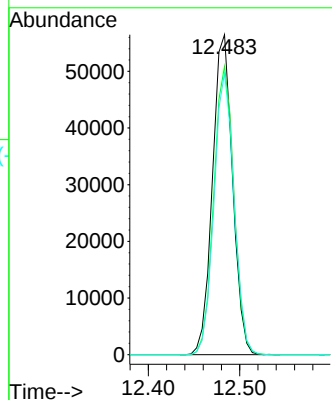
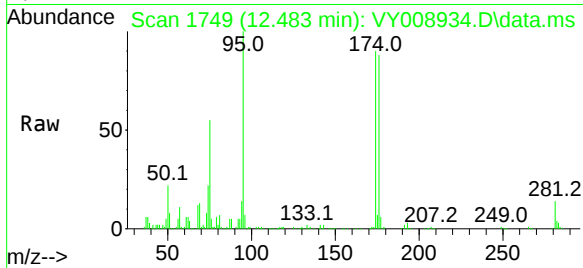




#62
4-Bromofluorobenzene
Concen: 41.605 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008934.D
Acq: 21 May 2022 03:59

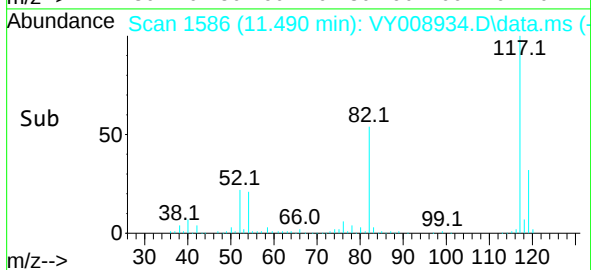
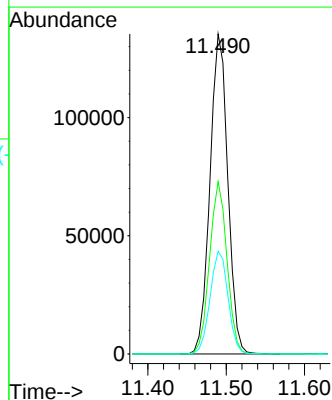
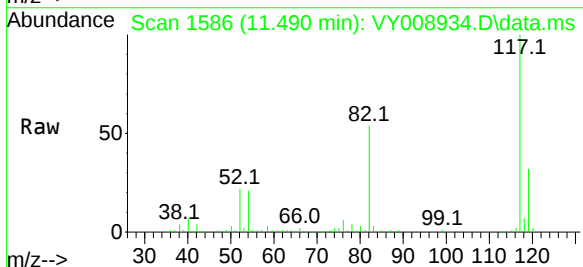
Instrument :
MSVOA_Y
ClientSampleId :
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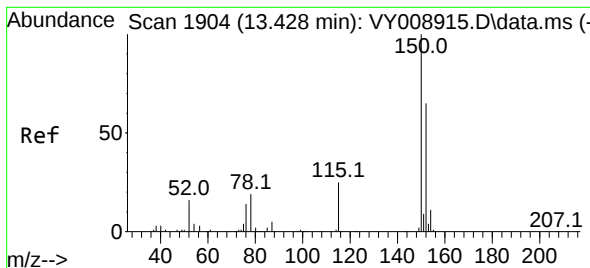
Tgt Ion: 95 Resp: 86125
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 87.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008934.D
Acq: 21 May 2022 03:59

Tgt Ion: 117 Resp: 213567
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.2 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: VY008934.D

Acq: 21 May 2022 03:59

Instrument :

MSVOA_Y

ClientSampleId :

P042-SS001-0006-01

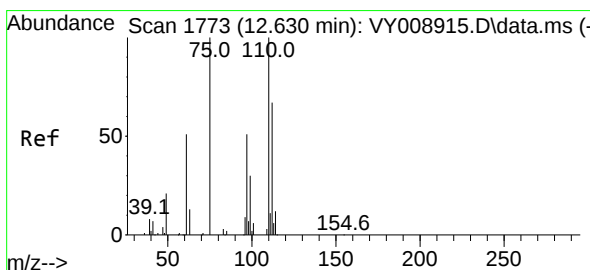
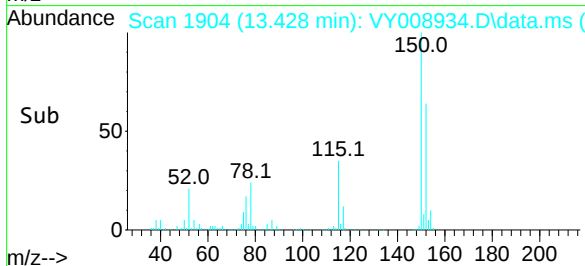
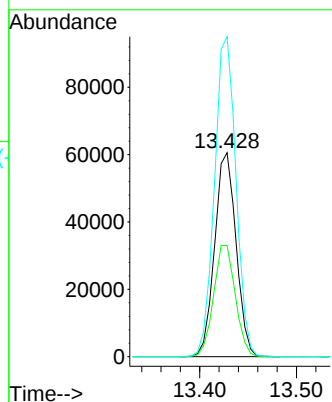
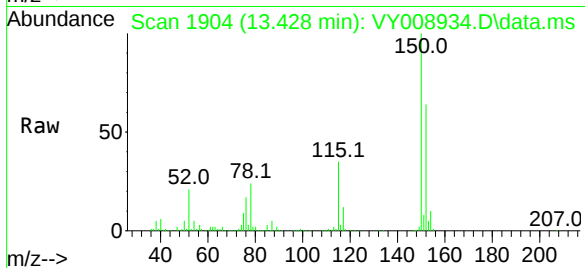
Tgt Ion:152 Resp: 93227

Ion Ratio Lower Upper

152 100

115 55.4 28.2 84.7

150 157.0 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 49.650 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY008934.D

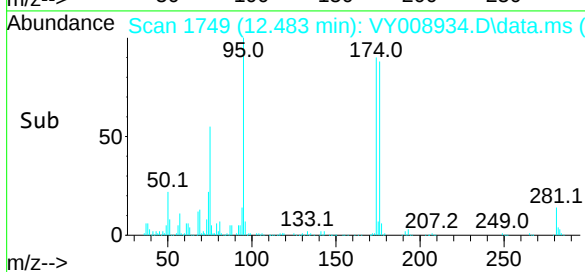
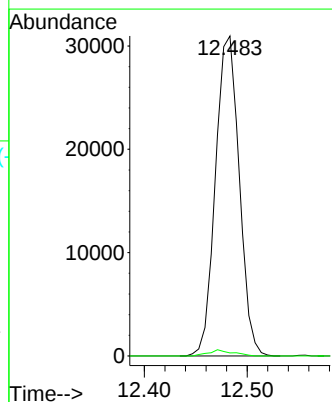
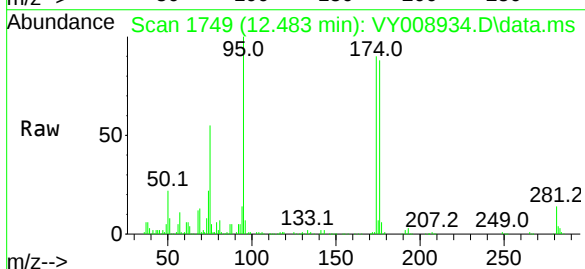
Acq: 21 May 2022 03:59

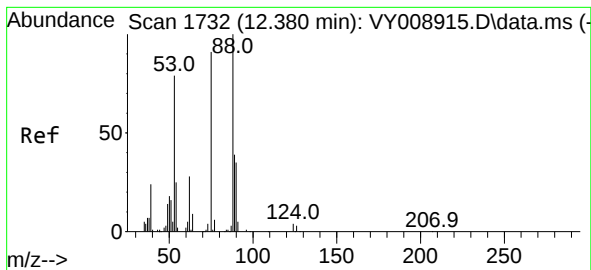
Tgt Ion: 75 Resp: 49707

Ion Ratio Lower Upper

75 100

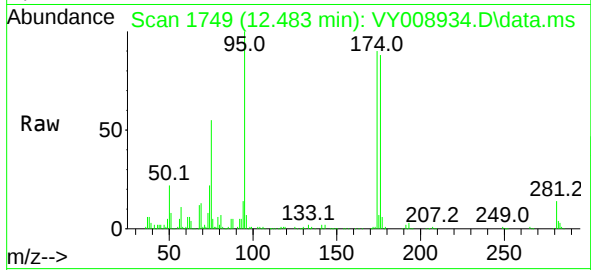
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.907 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008934.D
 Acq: 21 May 2022 03:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 P042-SS001-0006-01



Tgt Ion: 75 Resp: 49707
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.1 37.0 55.4#

