

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009039.D
 Acq On : 24 May 2022 04:44
 Operator : KP/MD
 Sample : N2948-22
 Misc : 5.28g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-0006-01

Quant Time: May 24 07:48:44 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)

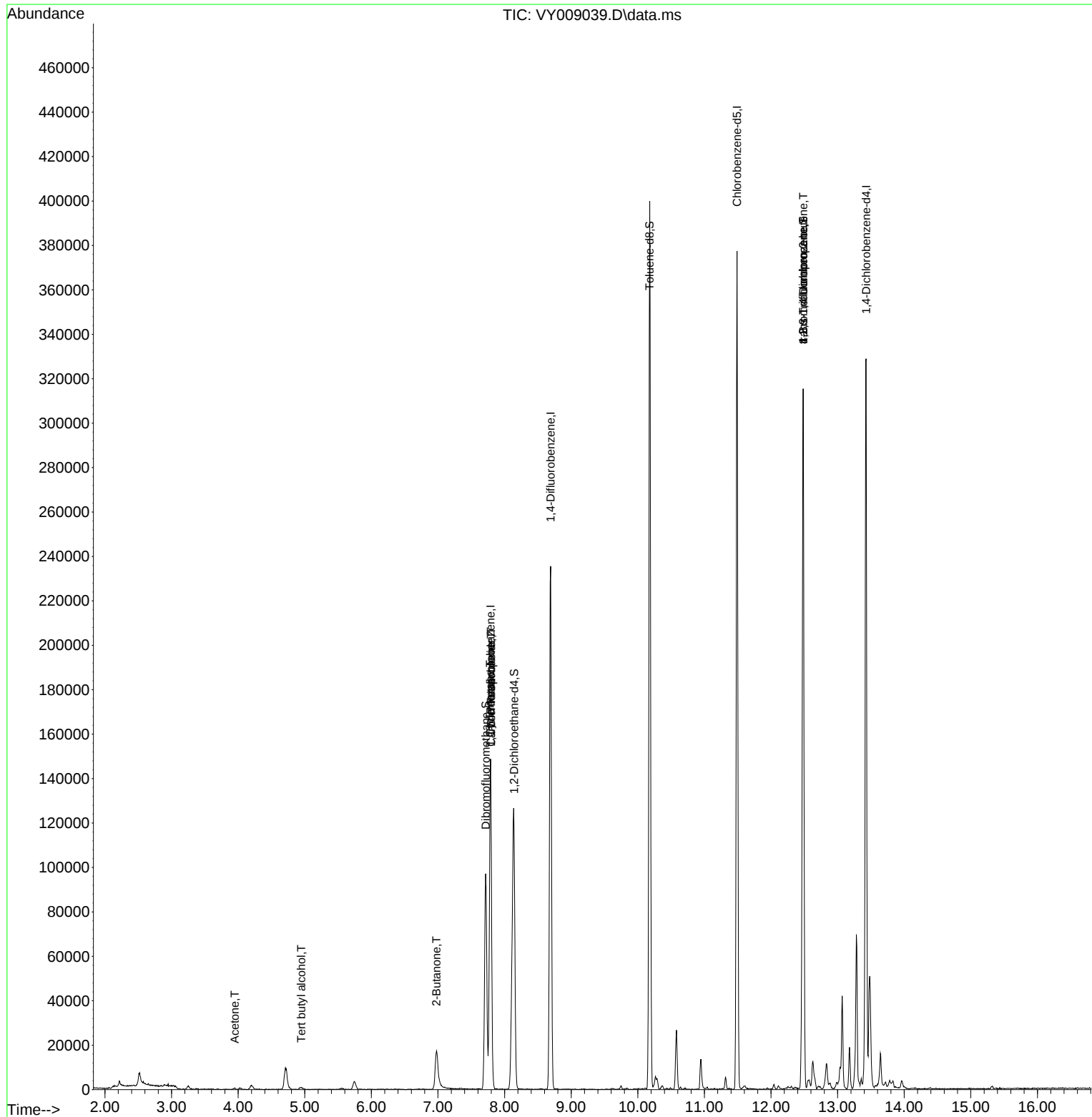
Internal Standards						
1) Pentafluorobenzene	7.789	168	111517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	201152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	190175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	80993	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	73717	64.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.460%	
35) Dibromofluoromethane	7.716	113	65853	52.647	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.300%	
50) Toluene-d8	10.179	98	253134	54.856	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.720%	
62) 4-Bromofluorobenzene	12.483	95	73276	39.365	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.720%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	1426	12.249	ug/l	97
16) Acetone	3.948	43	916	3.834	ug/l #	79
20) Methylene Chloride	4.722	84	7312	Below Cal	#	76
25) 2-Butanone	6.978	43	1029	2.411	ug/l #	54
31) Cyclohexane	7.783	56	2886	1.285	ug/l #	30
36) 1,1-Dichloropropene	7.795	75	9694	4.554	ug/l #	50
38) Carbon Tetrachloride	7.795	117	11310	5.079	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	43542	50.062	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	43542	102.752	ug/l #	7

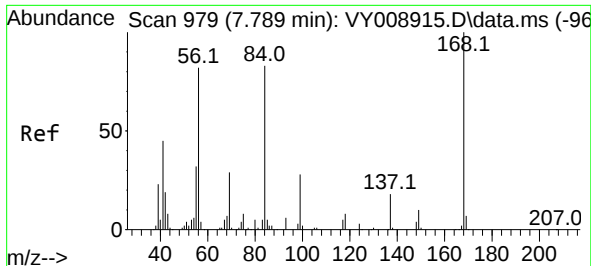
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 24 07:48:44 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

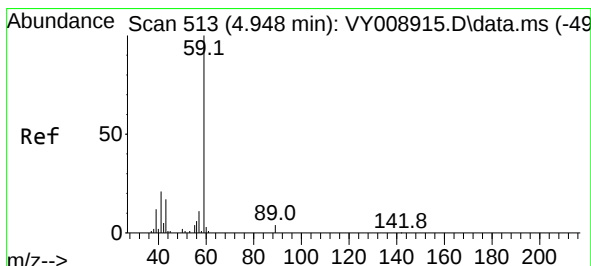
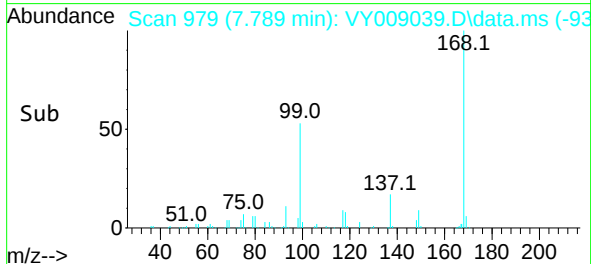
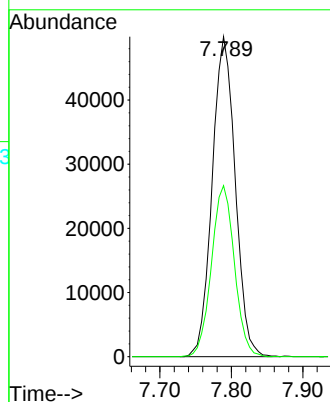
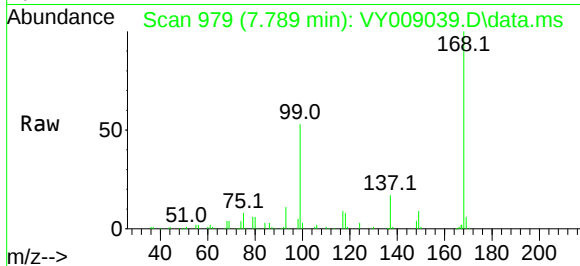




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

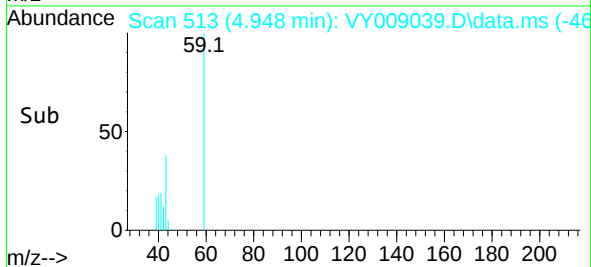
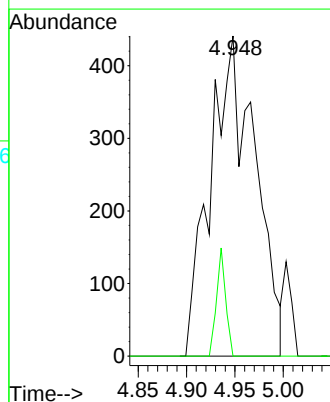
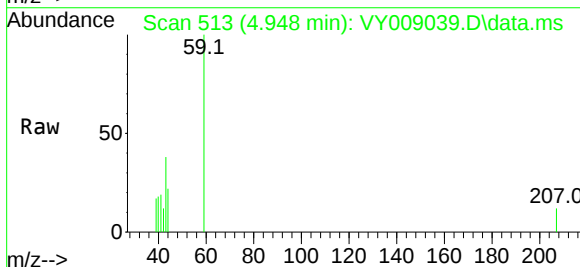
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-0006-01

Tgt Ion:168 Resp: 111517
Ion Ratio Lower Upper
168 100
99 53.5 46.9 70.3



#11
Tert butyl alcohol
Concen: 12.249 ug/l
RT: 4.948 min Scan# 513
Delta R.T. -0.000 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

Tgt Ion: 59 Resp: 1426
Ion Ratio Lower Upper
59 100
57 6.8 6.4 9.6

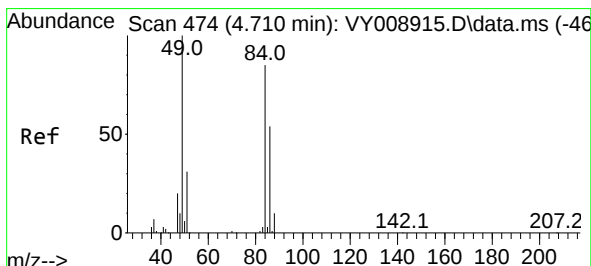
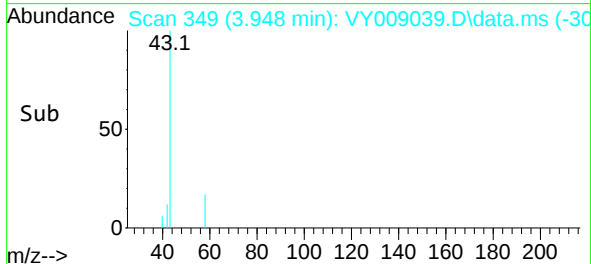
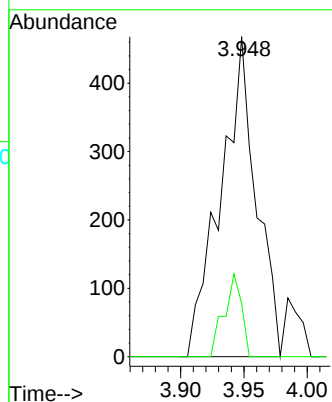
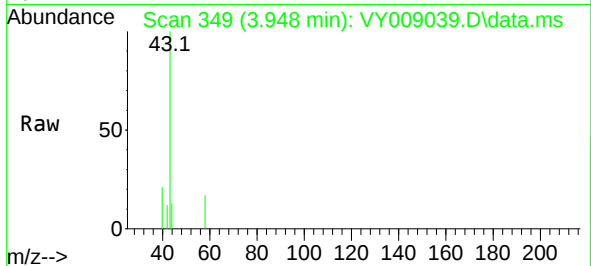




#16
Acetone
Concen: 3.834 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

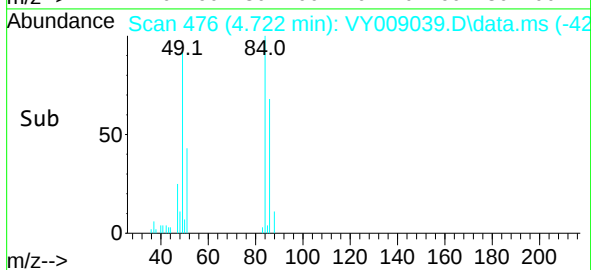
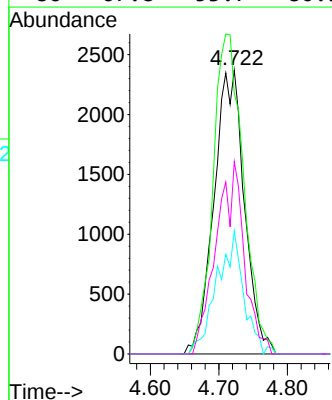
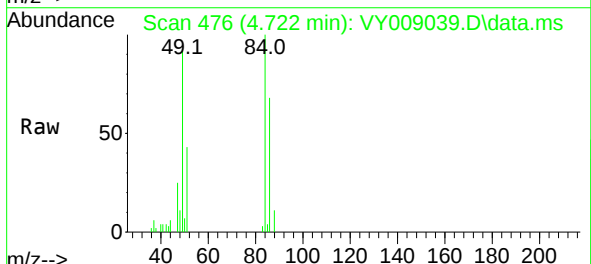
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-0006-01

Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
58 16.7 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.012 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

Tgt Ion: 84 Resp: 7312
Ion Ratio Lower Upper
84 100
49 91.7 114.4 171.6#
51 43.4 35.3 52.9
86 67.8 53.7 80.5

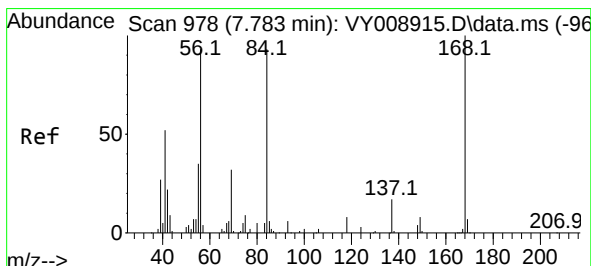
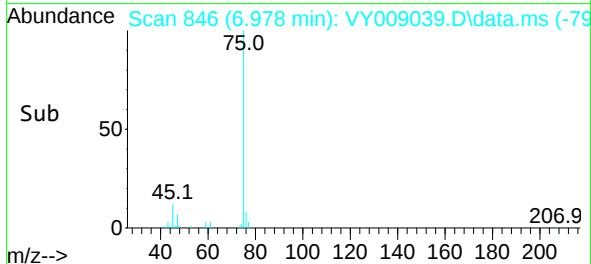
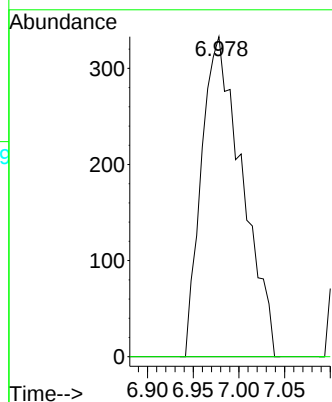
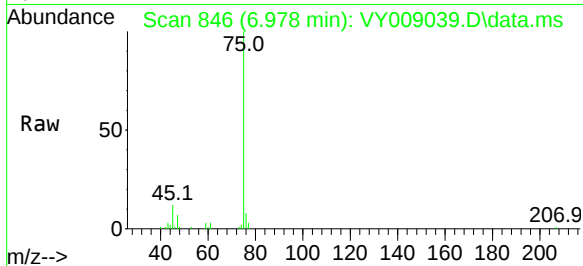




#25
2-Butanone
Concen: 2.411 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.006 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

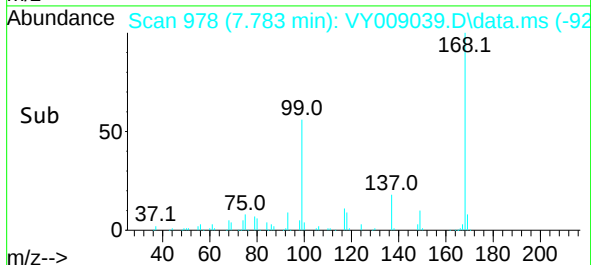
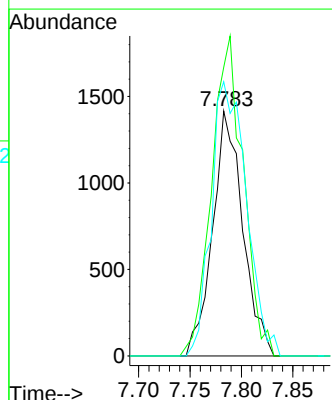
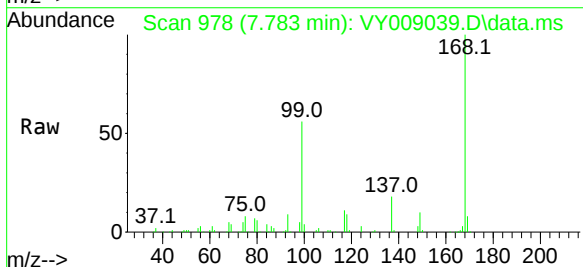
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-0006-01

Tgt Ion: 43 Resp: 1029
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.285 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

Tgt Ion: 56 Resp: 2886
Ion Ratio Lower Upper
56 100
69 117.9 26.7 40.1#
84 119.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 64.229 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY009039.D

Acq: 24 May 2022 04:44

Instrument :

MSVOA_Y

ClientSampleId :

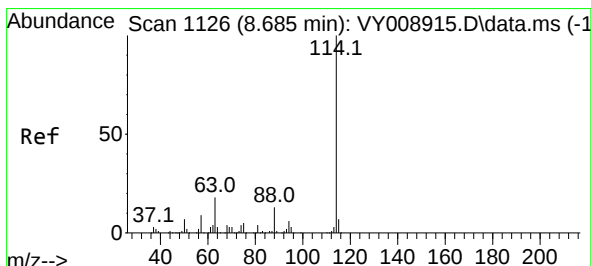
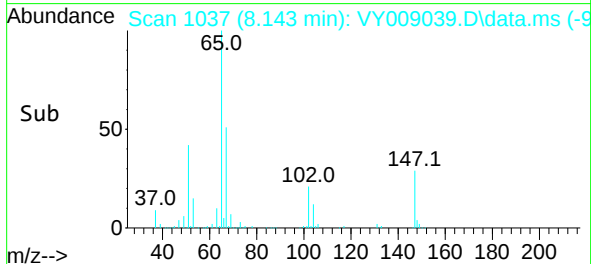
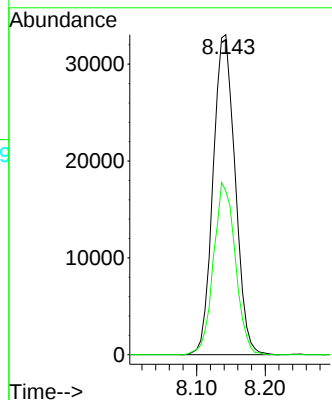
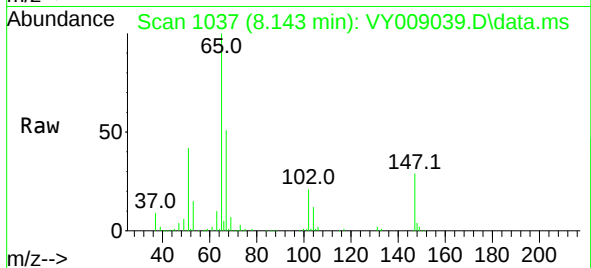
P037-SS001-0006-01

Tgt Ion: 65 Resp: 73717

Ion Ratio Lower Upper

65 100

67 53.3 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: VY009039.D

Acq: 24 May 2022 04:44

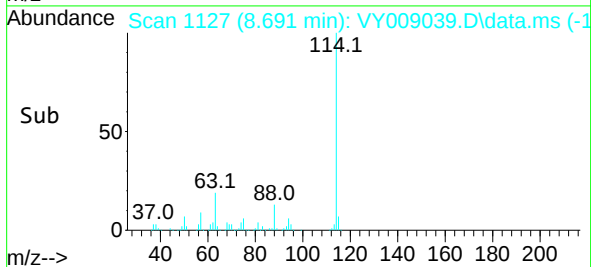
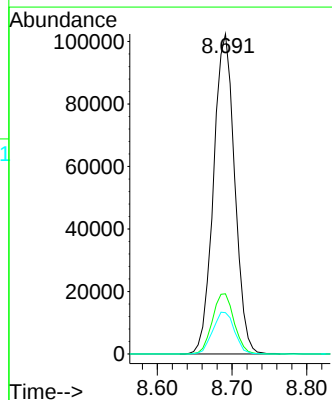
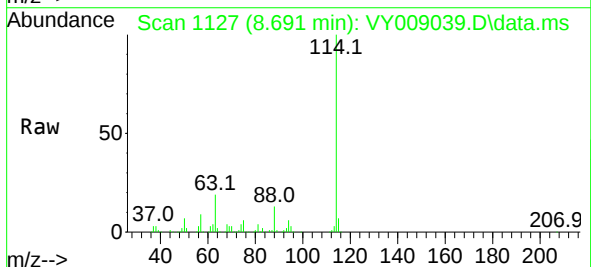
Tgt Ion: 114 Resp: 201152

Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 12.9 0.0 31.8

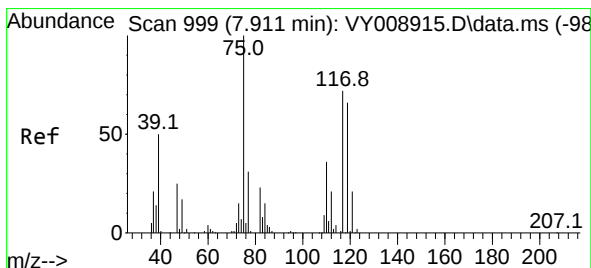
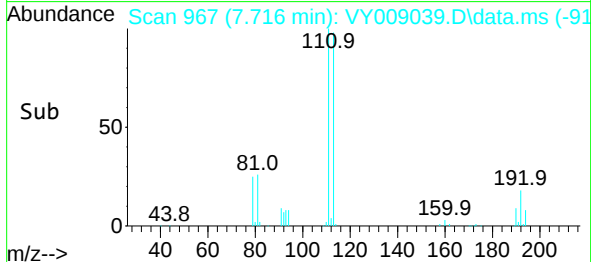
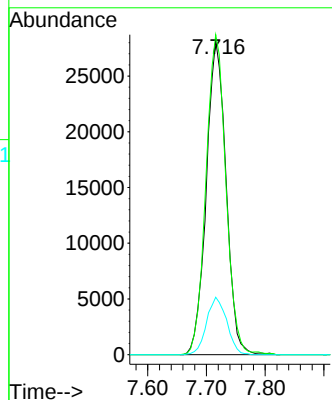
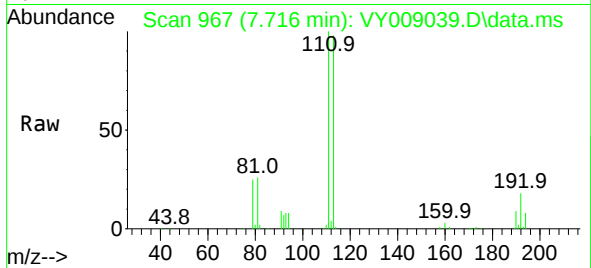




#35
Dibromofluoromethane
Concen: 52.647 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

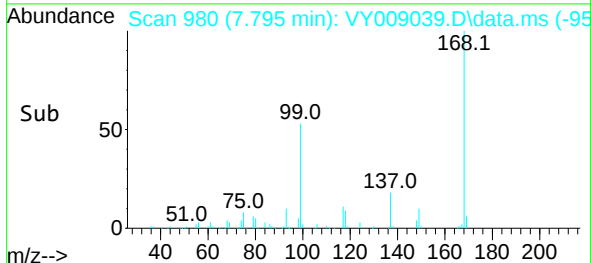
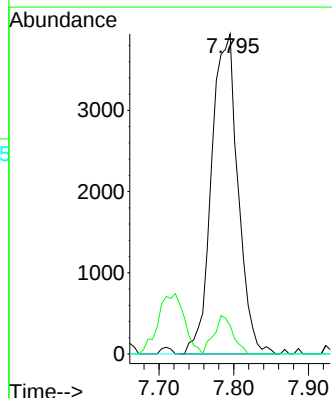
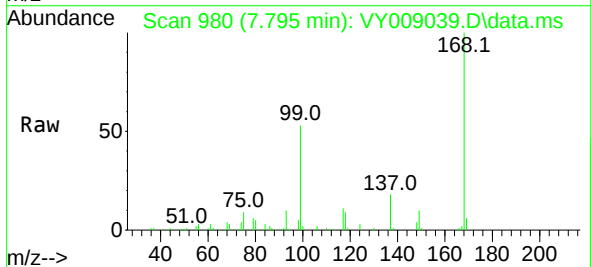
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P037-SS001-0006-01

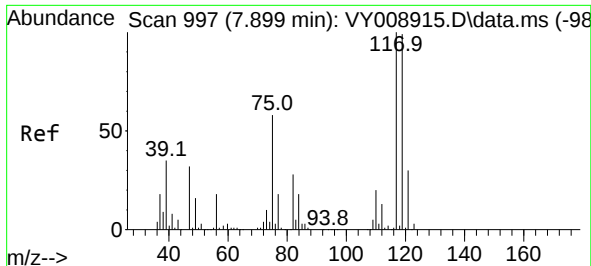
Tgt Ion:113 Resp: 65853
Ion Ratio Lower Upper
113 100
111 102.8 82.6 124.0
192 18.7 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.554 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

Tgt Ion: 75 Resp: 9694
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#

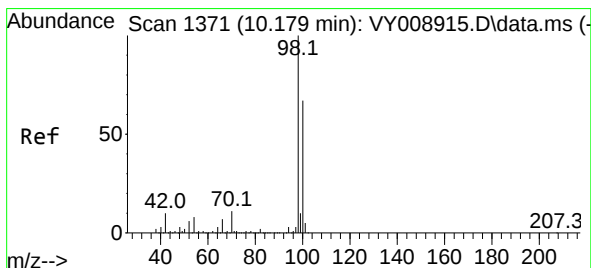
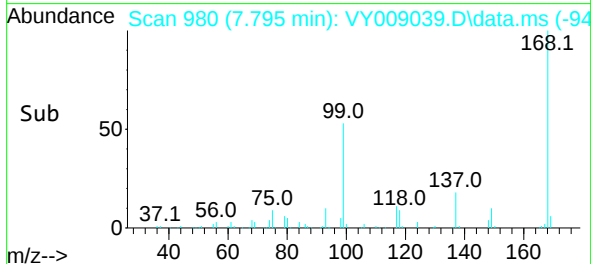
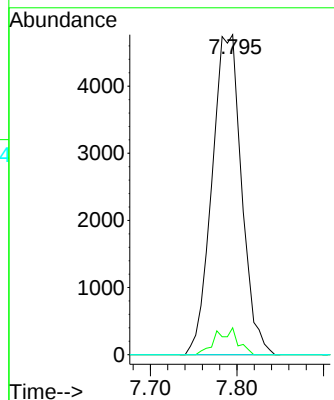
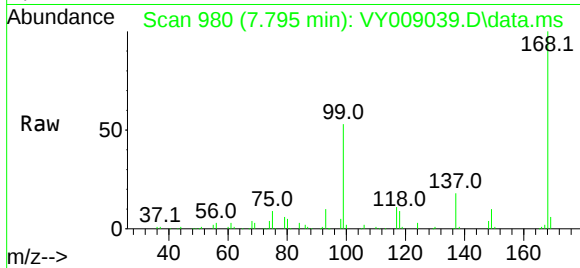




#38
Carbon Tetrachloride
Concen: 5.079 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

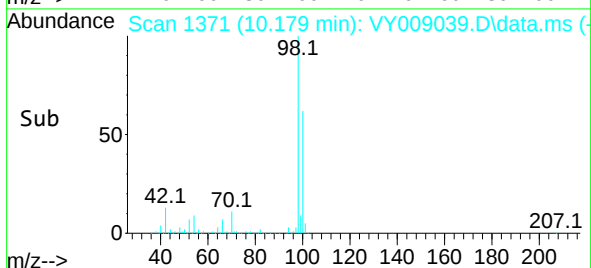
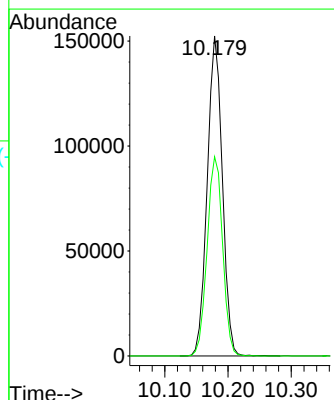
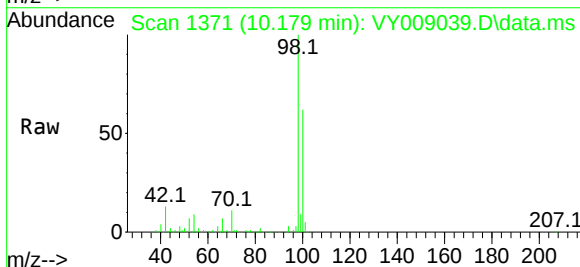
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-0006-01

Tgt Ion:117 Resp: 11310
Ion Ratio Lower Upper
117 100
119 8.4 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.856 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

Tgt Ion: 98 Resp: 253134
Ion Ratio Lower Upper
98 100
100 63.9 50.2 75.2

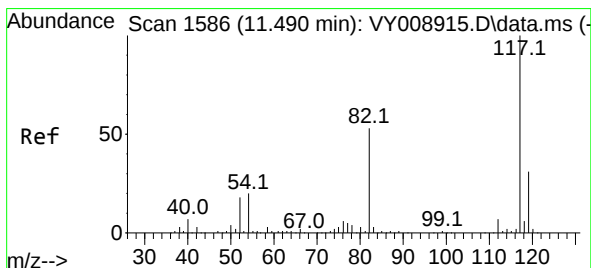
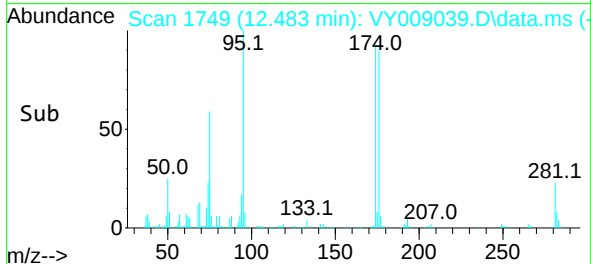
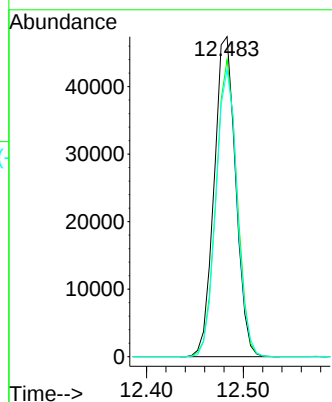
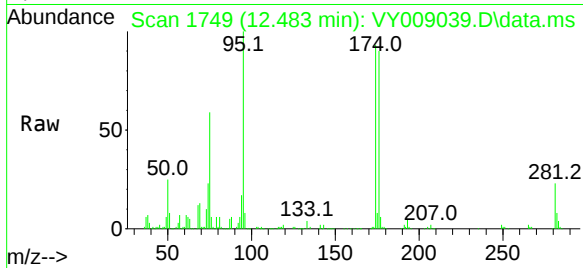




#62
4-Bromofluorobenzene
Concen: 39.365 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

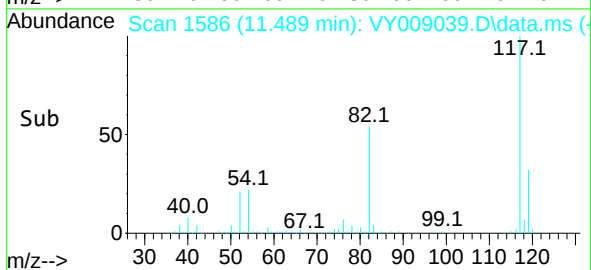
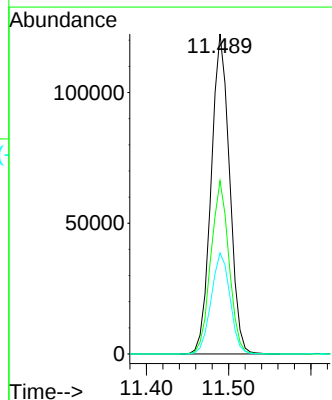
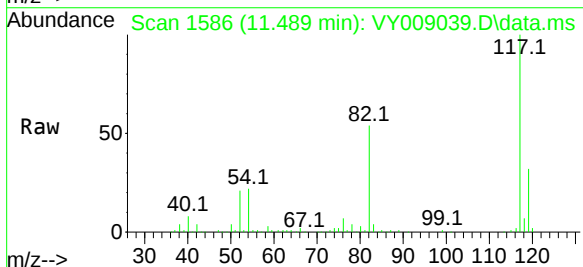
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ClientSampleId :
P037-SS001-0006-01

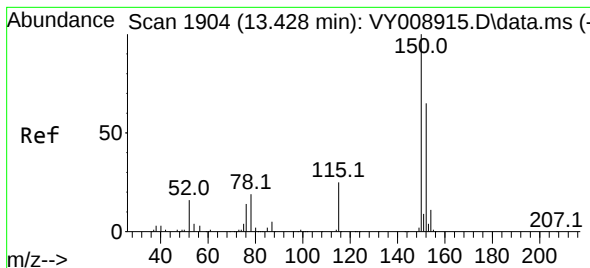
Tgt Ion: 95 Resp: 73276
Ion Ratio Lower Upper
95 100
174 90.9 0.0 177.0
176 88.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009039.D
Acq: 24 May 2022 04:44

Tgt Ion: 117 Resp: 190175
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 31.6 25.4 38.0

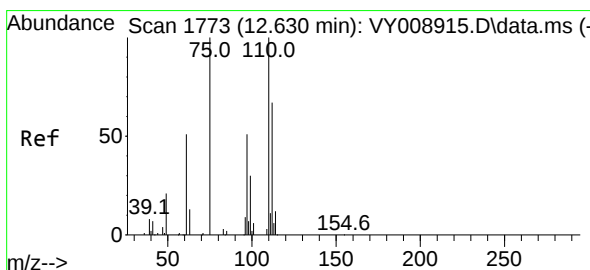
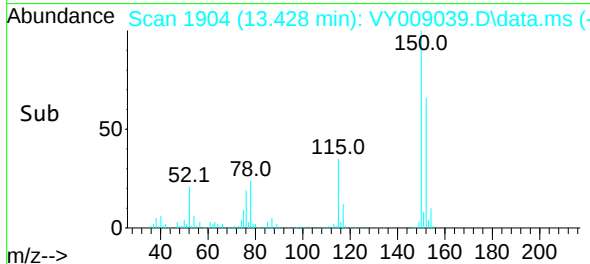
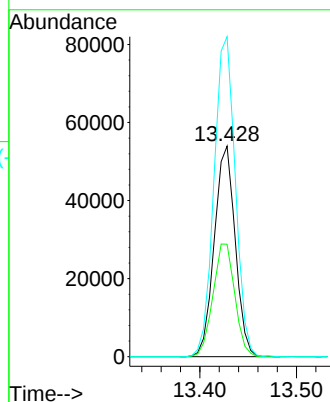
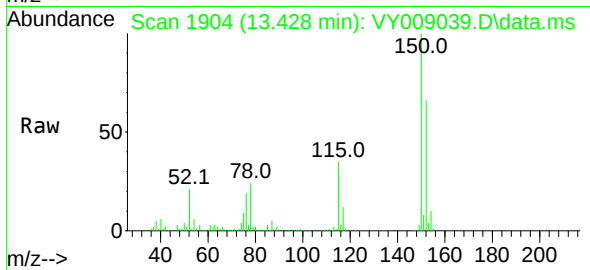




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009039.D
 Acq: 24 May 2022 04:44

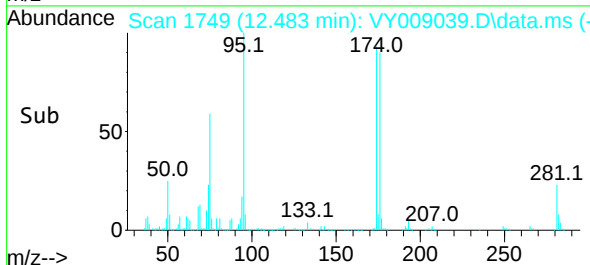
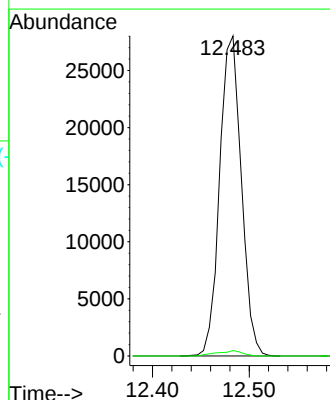
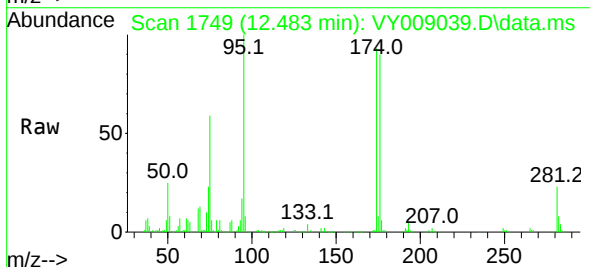
Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-0006-01

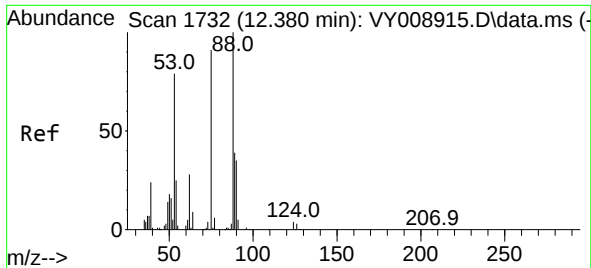
Tgt Ion:152 Resp: 80993
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.2 84.7
 150 154.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 50.062 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY009039.D
 Acq: 24 May 2022 04:44

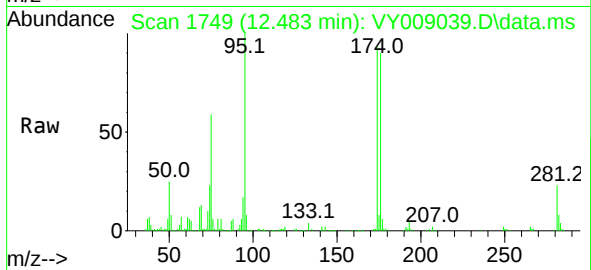
Tgt Ion: 75 Resp: 43542
 Ion Ratio Lower Upper
 75 100
 77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.752 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009039.D
 Acq: 24 May 2022 04:44

Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-0006-01



Tgt Ion:	75	Resp:	43542
Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.1	37.0	55.4#

