

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009037.D
 Acq On : 24 May 2022 03:58
 Operator : KP/MD
 Sample : N2948-20
 Misc : 3.33g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-2430-01

Quant Time: May 24 07:48:19 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)

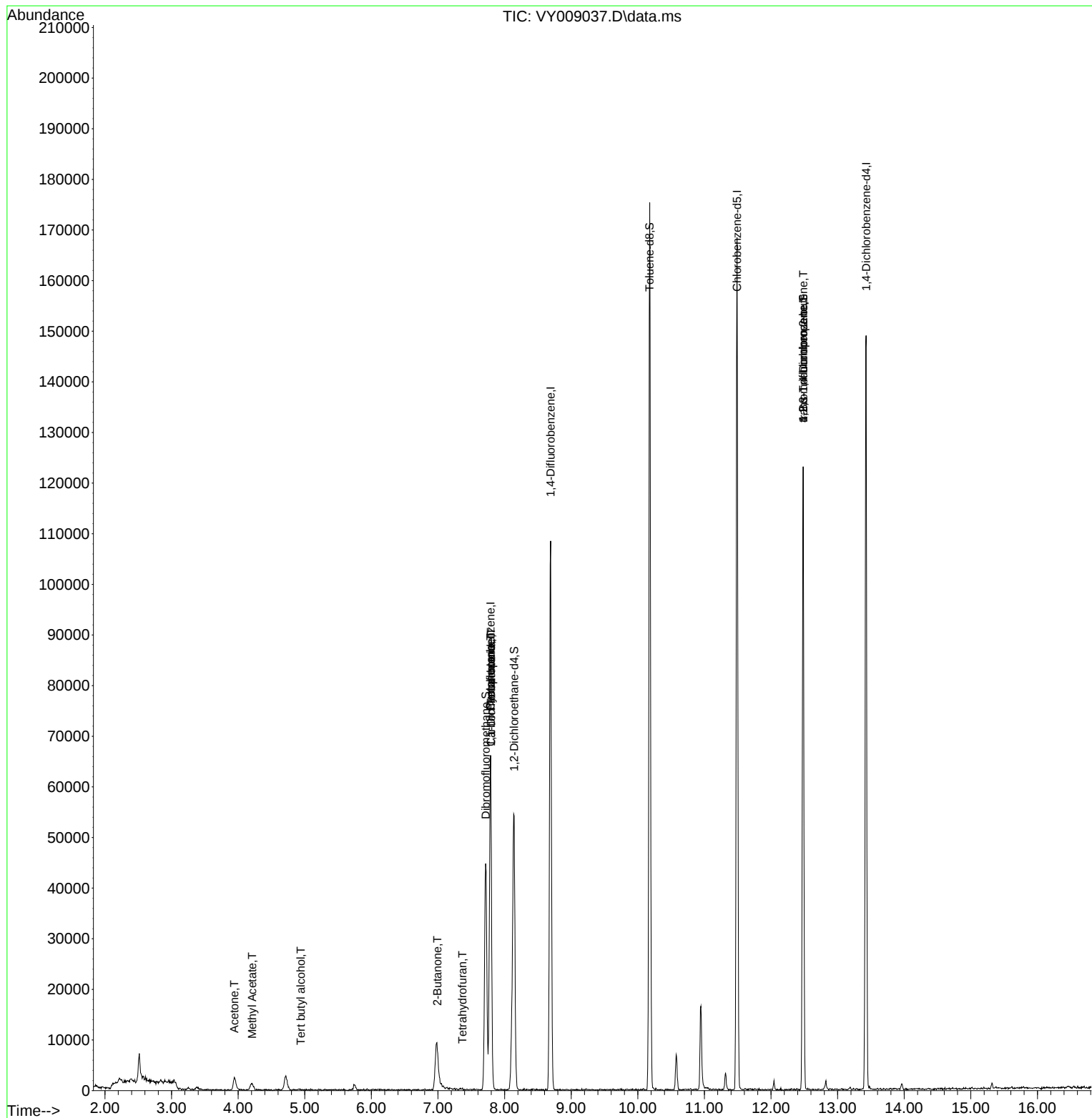
Internal Standards						
1) Pentafluorobenzene	7.789	168	49449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	88288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	87052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	36384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	36784	72.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 144.560%	
35) Dibromofluoromethane	7.716	113	30607	55.749	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.500%	
50) Toluene-d8	10.179	98	109757	54.191	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.380%	
62) 4-Bromofluorobenzene	12.483	95	31864	39.000	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.000%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	67	1.298	ug/l #	77
16) Acetone	3.942	43	4521	42.677	ug/l	99
18) Methyl Acetate	4.210	43	421	1.276	ug/l #	56
20) Methylene Chloride	4.722	84	2134	Below Cal	#	75
25) 2-Butanone	6.990	43	1272	6.723	ug/l #	80
29) Tetrahydrofuran	7.368	42	159	1.237	ug/l #	38
31) Cyclohexane	7.789	56	1275	1.281	ug/l #	42
36) 1,1-Dichloropropene	7.795	75	4274	4.574	ug/l #	50
38) Carbon Tetrachloride	7.795	117	5188	5.308	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	18391	47.069	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	18391	96.610	ug/l #	7

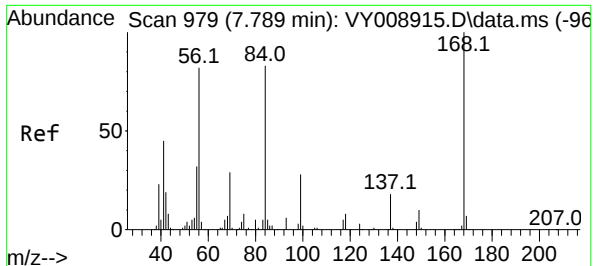
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
Data File : VY009037.D
Acq On : 24 May 2022 03:58
Operator : KP/MD
Sample : N2948-20
Misc : 3.33g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-2430-01

Quant Time: May 24 07:48:19 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

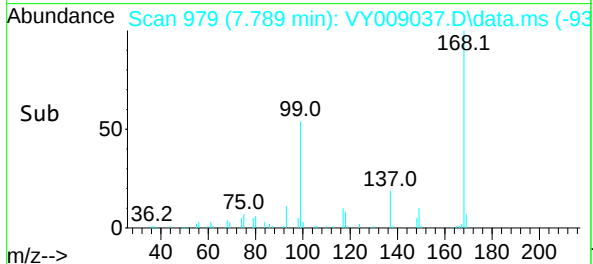
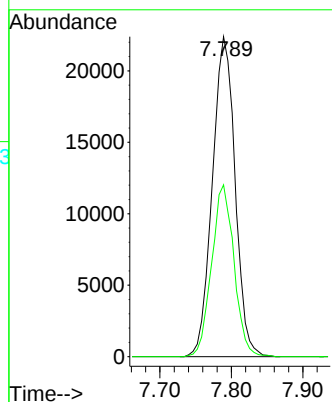
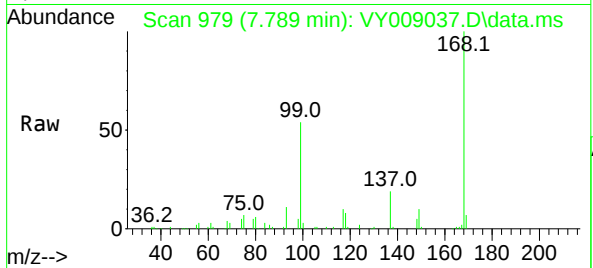




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

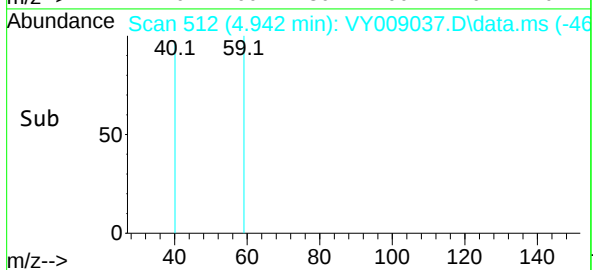
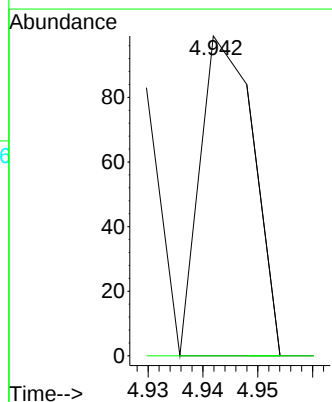
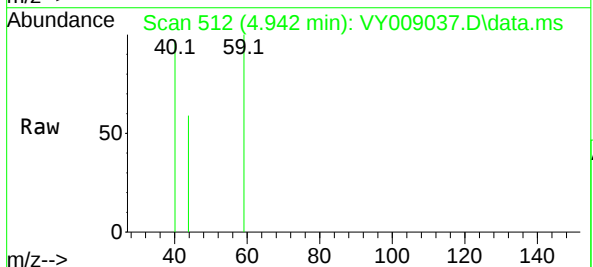
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-2430-01

Tgt Ion:168 Resp: 49449
Ion Ratio Lower Upper
168 100
99 53.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.298 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

Tgt Ion: 59 Resp: 67
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

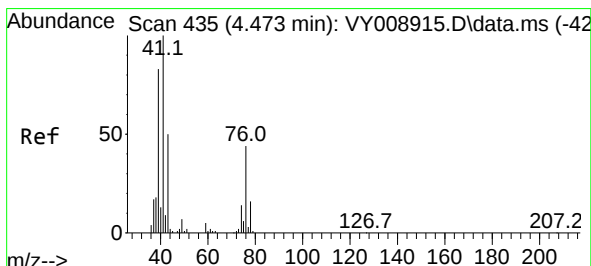
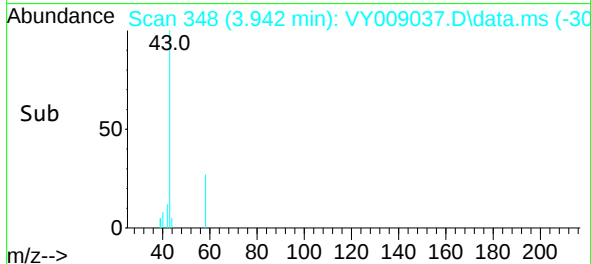
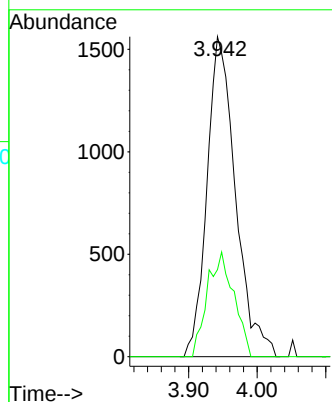
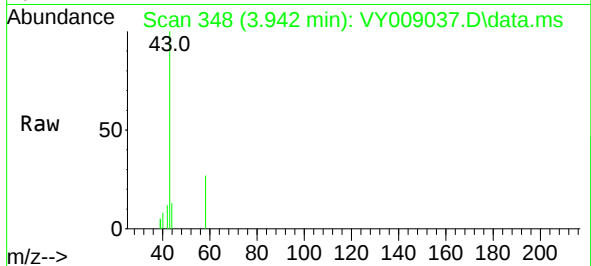




#16
Acetone
Concen: 42.677 ug/l
RT: 3.942 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

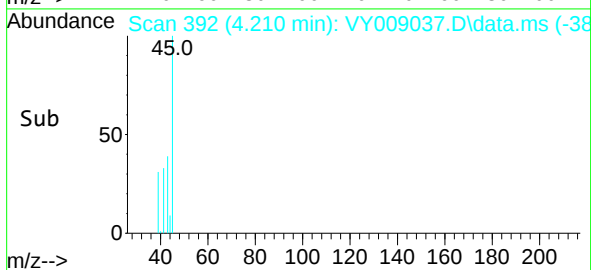
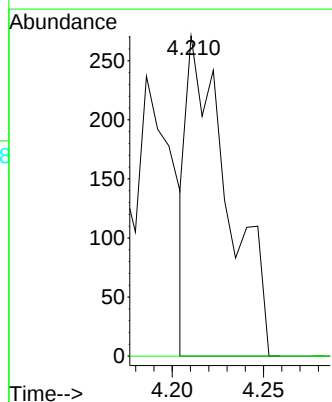
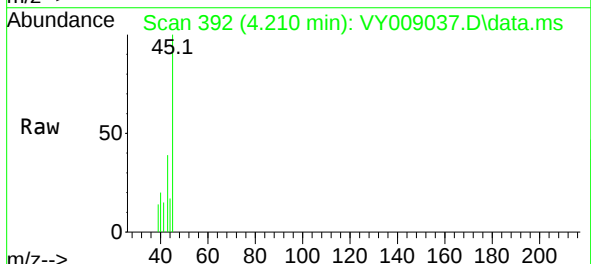
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-2430-01

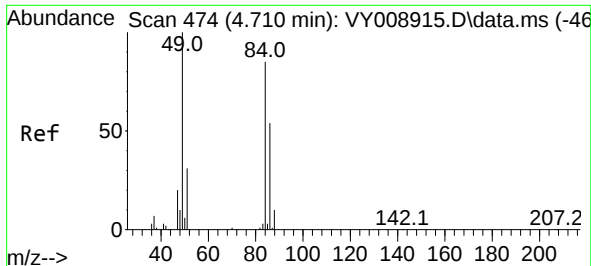
Tgt Ion: 43 Resp: 4521
Ion Ratio Lower Upper
43 100
58 27.2 22.0 33.0



#18
Methyl Acetate
Concen: 1.276 ug/l
RT: 4.210 min Scan# 392
Delta R.T. -0.263 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

Tgt Ion: 43 Resp: 421
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

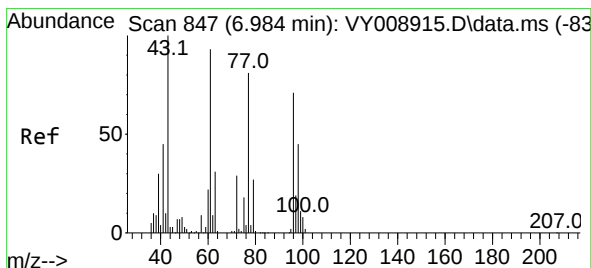
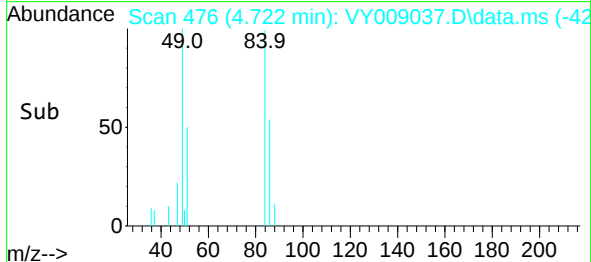
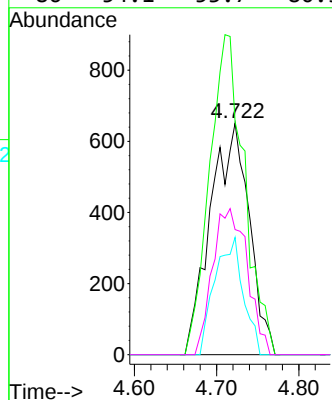
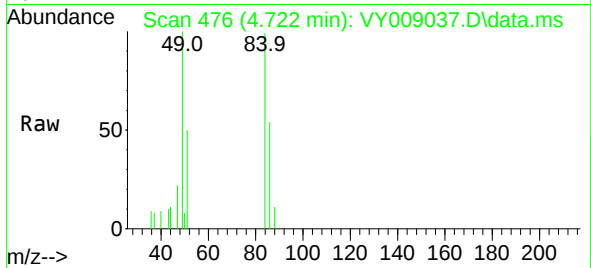




#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

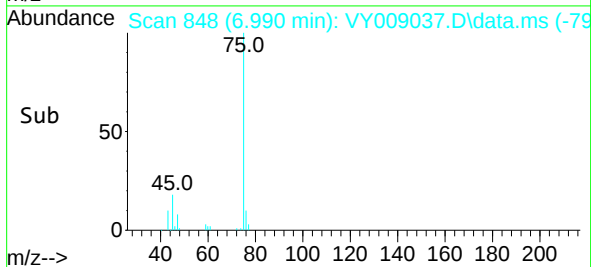
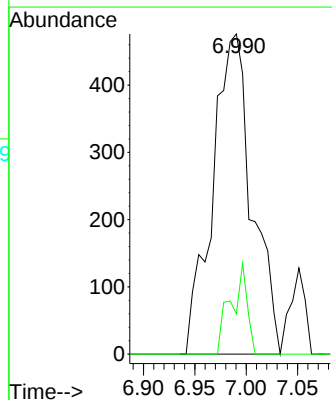
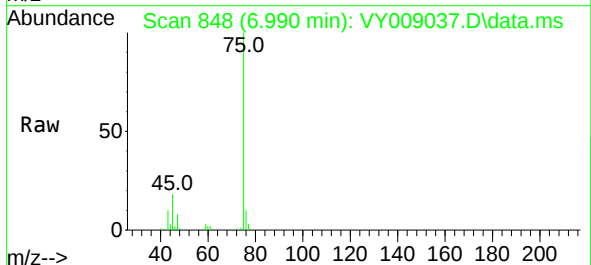
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-2430-01

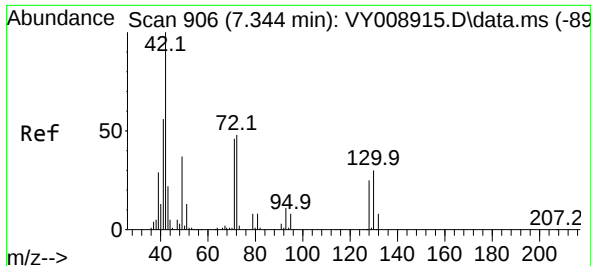
Tgt Ion:	84	Resp:	2134
Ion	Ratio	Lower	Upper
84	100		
49	100.6	114.4	171.6#
51	50.7	35.3	52.9
86	54.1	53.7	80.5



#25
2-Butanone
Concen: 6.723 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

Tgt Ion:	43	Resp:	1272
Ion	Ratio	Lower	Upper
43	100		
72	12.6	17.7	26.5#





#29

Tetrahydrofuran

Concen: 1.237 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.024 min

Lab File: VY009037.D

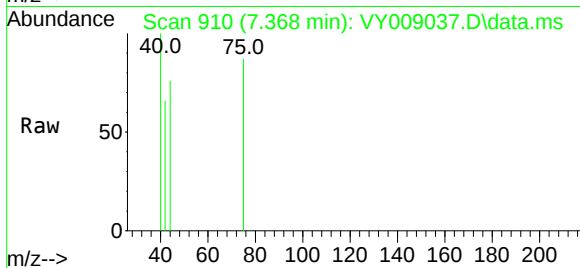
Acq: 24 May 2022 03:58

Instrument :

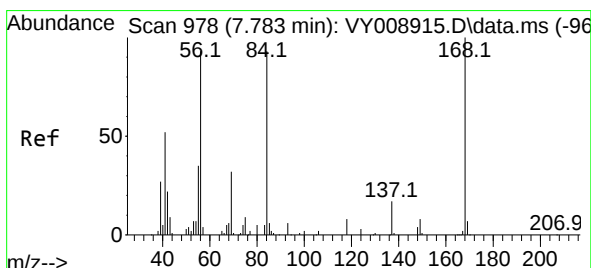
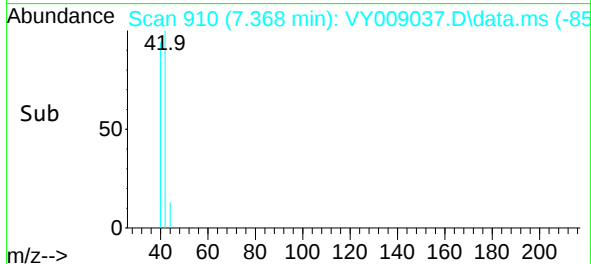
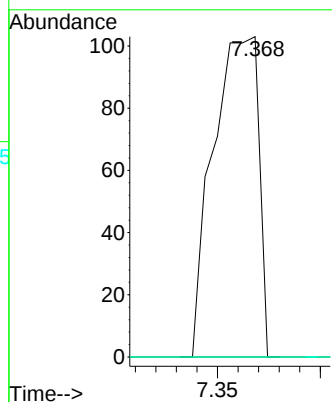
MSVOA_Y

ClientSampleId :

P036-SS001-2430-01



Tgt Ion:	42	Resp:	159
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	0.0	29.0	43.4#



#31

Cyclohexane

Concen: 1.281 ug/l

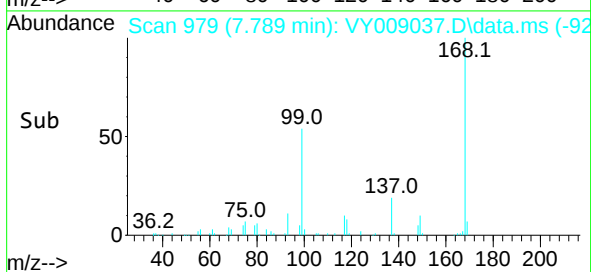
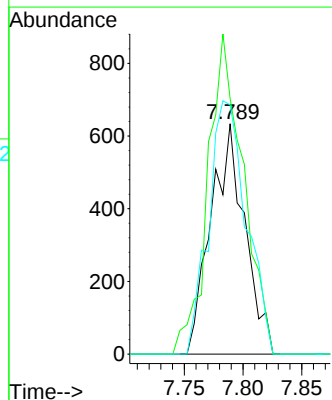
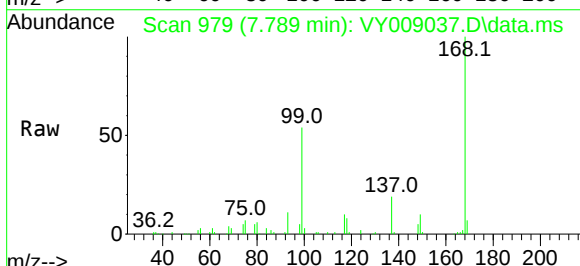
RT: 7.789 min Scan# 979

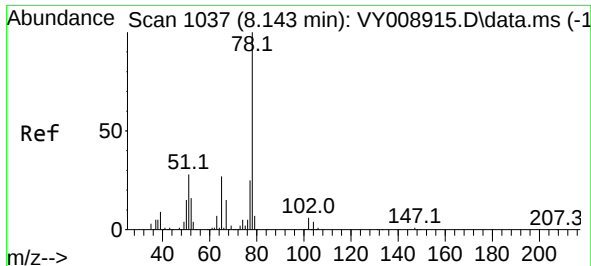
Delta R.T. 0.006 min

Lab File: VY009037.D

Acq: 24 May 2022 03:58

Tgt Ion:	56	Resp:	1275
Ion	Ratio	Lower	Upper
56	100		
69	110.9	26.7	40.1#
84	108.2	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 72.278 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. -0.000 min

Lab File: VY009037.D

Acq: 24 May 2022 03:58

Instrument :

MSVOA_Y

ClientSampleId :

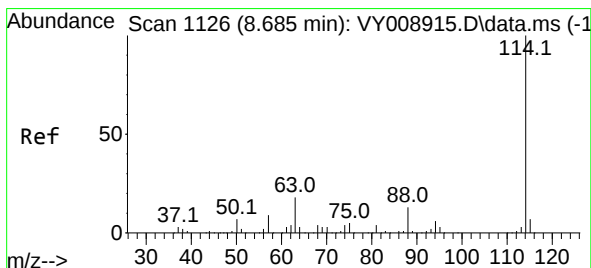
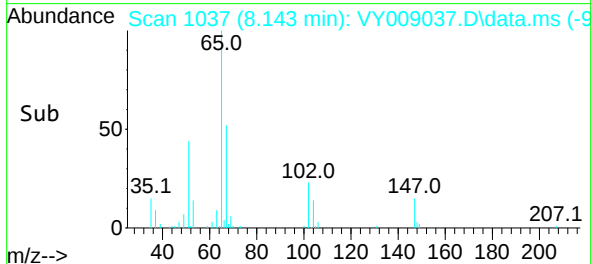
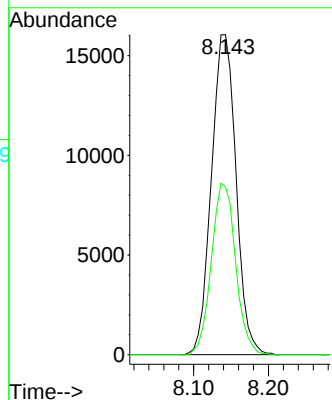
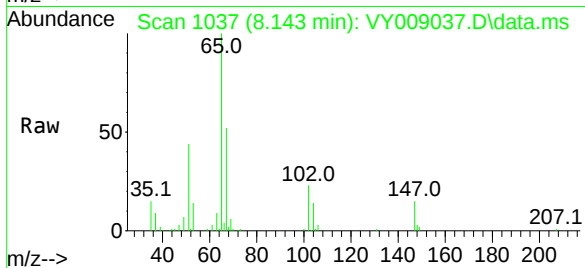
P036-SS001-2430-01

Tgt Ion: 65 Resp: 36784

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: VY009037.D

Acq: 24 May 2022 03:58

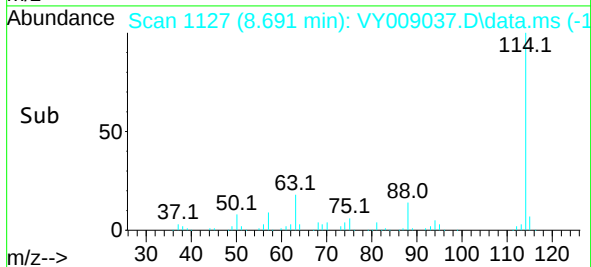
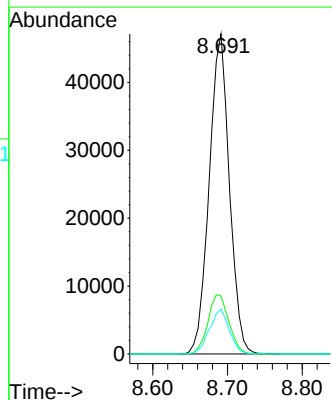
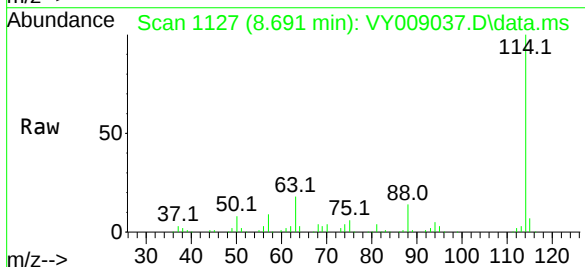
Tgt Ion: 114 Resp: 88288

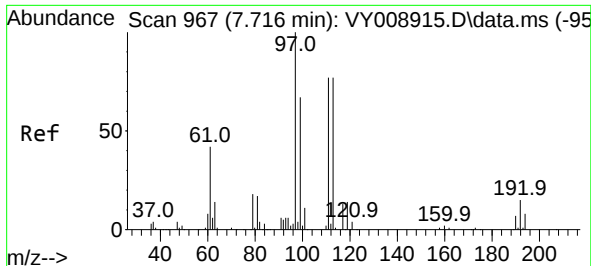
Ion Ratio Lower Upper

114 100

63 18.2 0.0 43.2

88 14.0 0.0 31.8

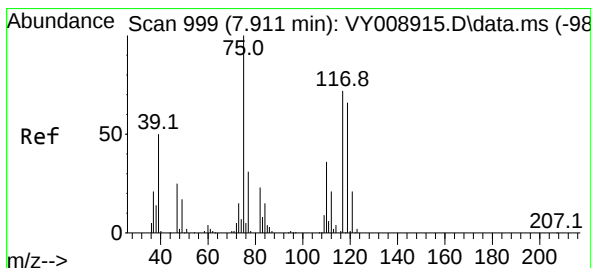
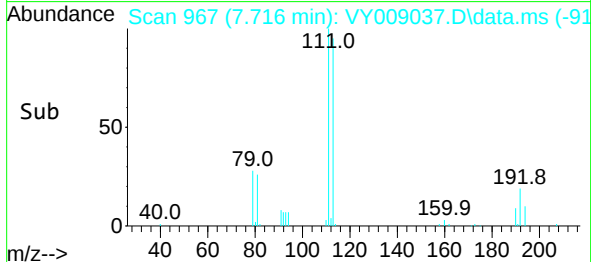
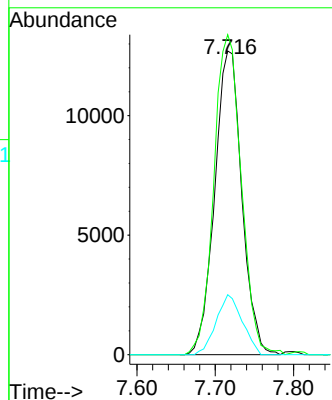
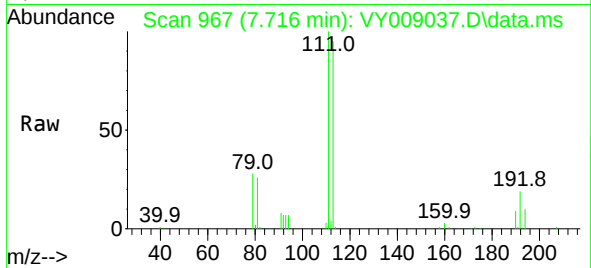




#35
Dibromofluoromethane
Concen: 55.749 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

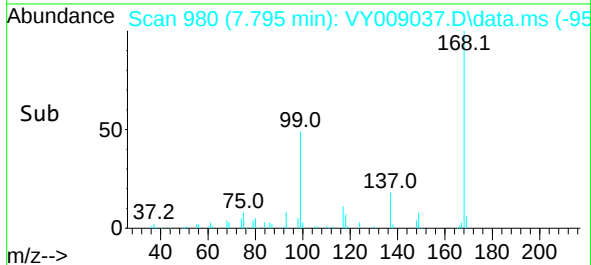
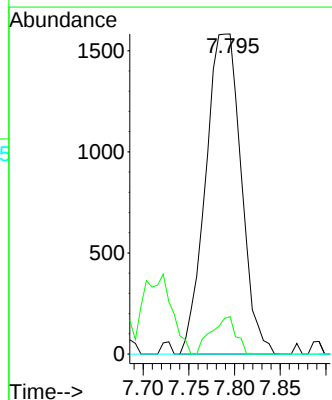
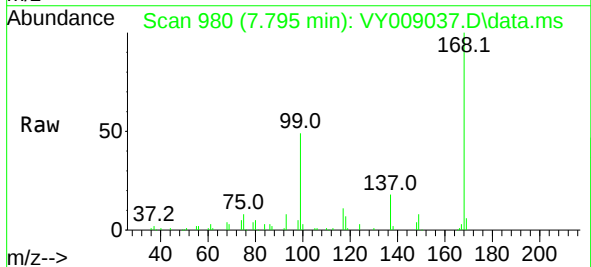
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-2430-01

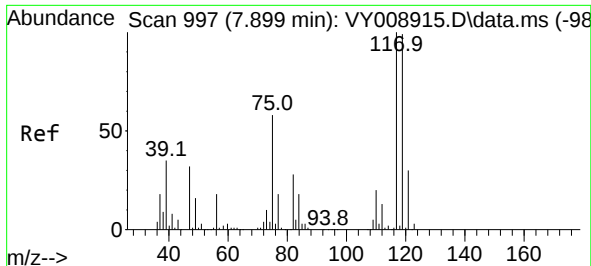
Tgt Ion:113 Resp: 30607
Ion Ratio Lower Upper
113 100
111 106.3 82.6 124.0
192 18.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.574 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

Tgt Ion: 75 Resp: 4274
Ion Ratio Lower Upper
75 100
110 8.1 17.1 51.2#
77 0.0 24.4 36.6#

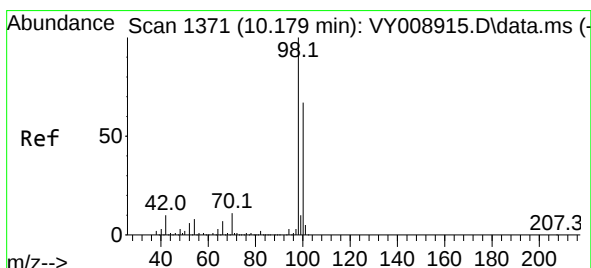
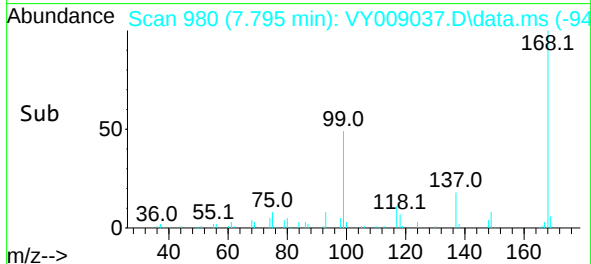
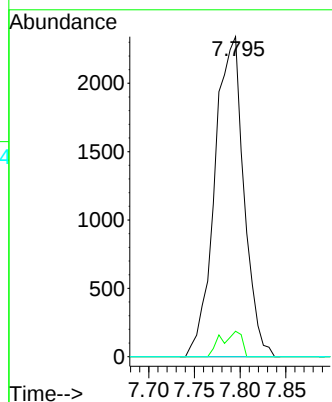
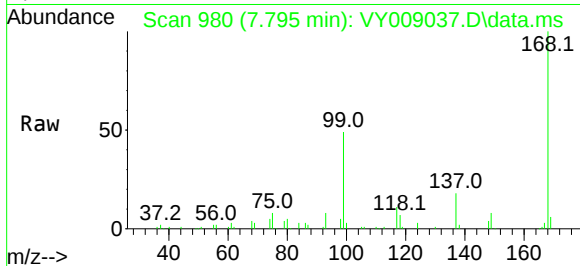




#38
Carbon Tetrachloride
Concen: 5.308 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

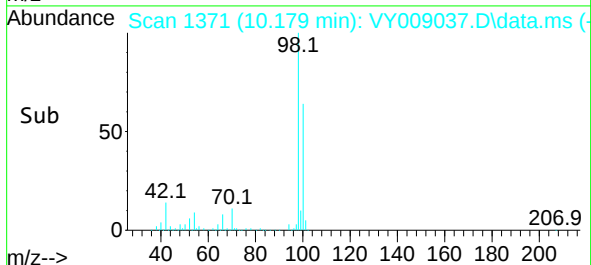
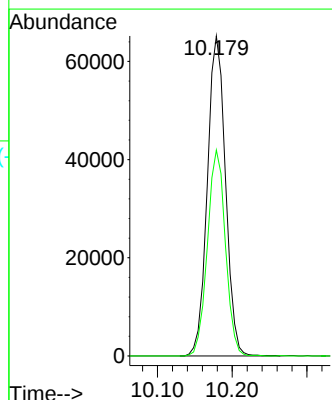
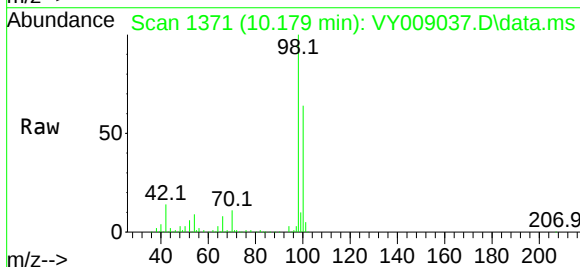
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-2430-01

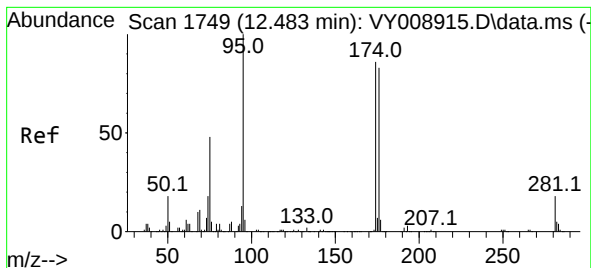
Tgt Ion:117 Resp: 5188
Ion Ratio Lower Upper
117 100
119 7.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.191 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

Tgt Ion: 98 Resp: 109757
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2

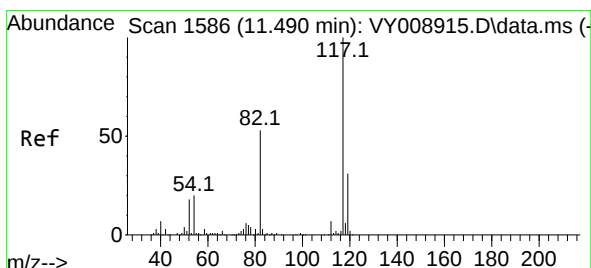
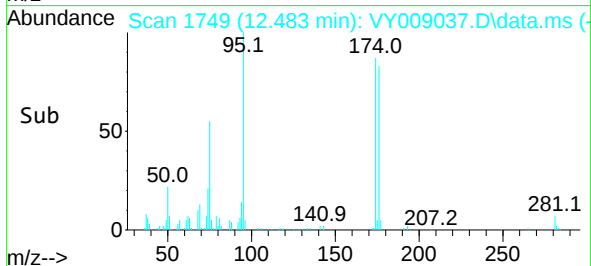
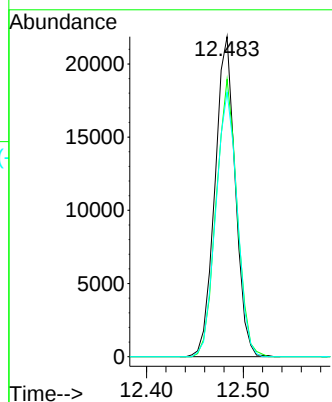
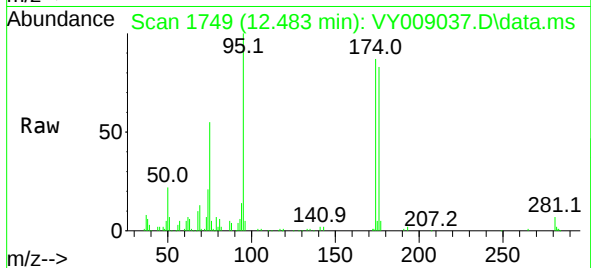




#62
4-Bromofluorobenzene
Concen: 39.000 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

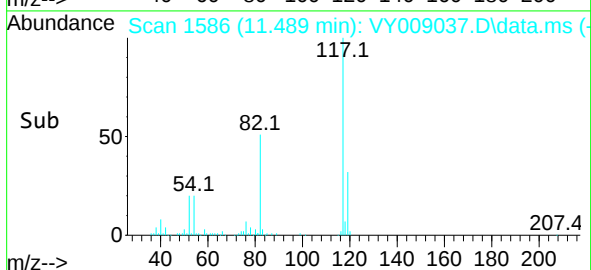
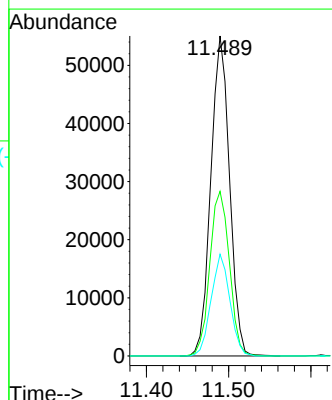
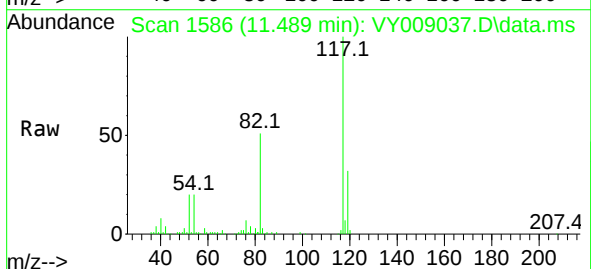
Instrument :
MSVOA_Y
ClientSampleId :
P036-SS001-2430-01

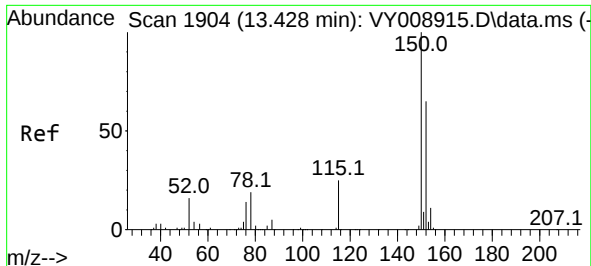
Tgt Ion: 95 Resp: 31864
Ion Ratio Lower Upper
95 100
174 89.0 0.0 177.0
176 86.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009037.D
Acq: 24 May 2022 03:58

Tgt Ion: 117 Resp: 87052
Ion Ratio Lower Upper
117 100
82 51.4 43.0 64.4
119 31.8 25.4 38.0

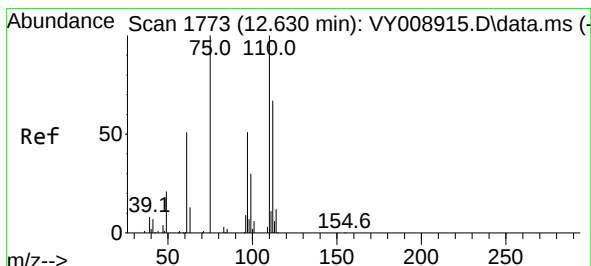
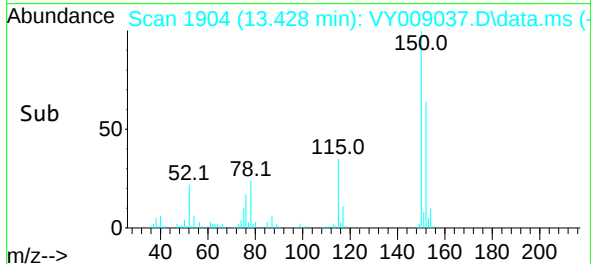
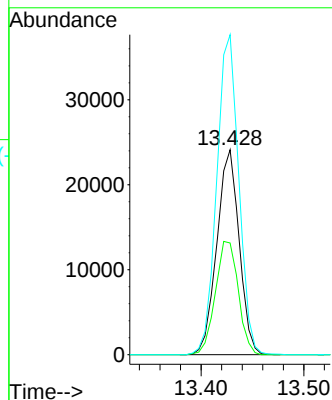
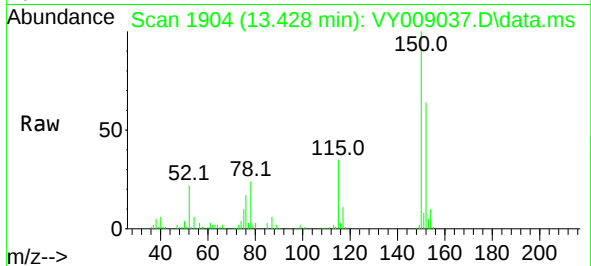




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009037.D
 Acq: 24 May 2022 03:58

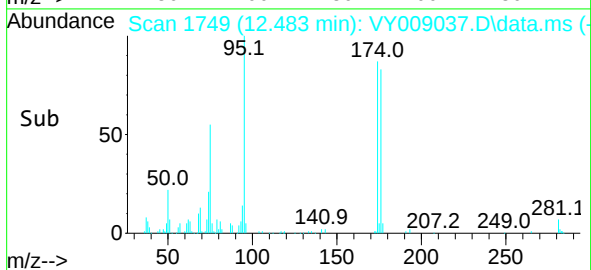
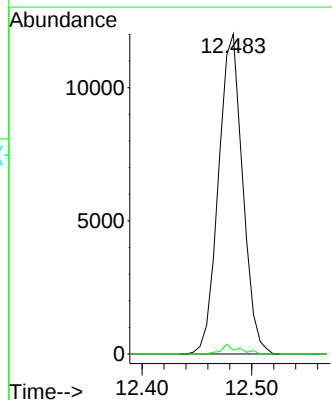
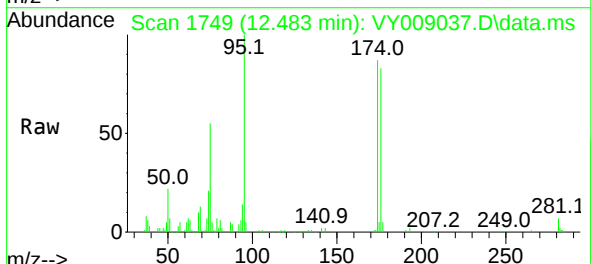
Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-2430-01

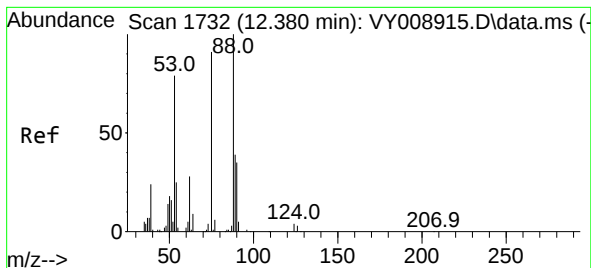
Tgt Ion:152 Resp: 36384
 Ion Ratio Lower Upper
 152 100
 115 56.7 28.2 84.7
 150 153.9 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.069 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY009037.D
 Acq: 24 May 2022 03:58

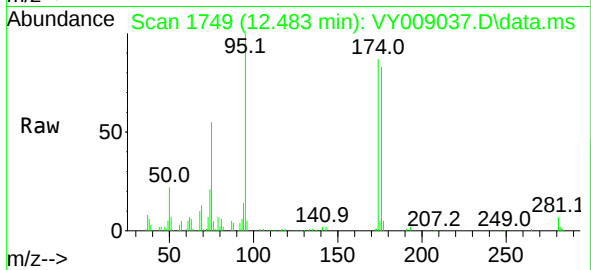
Tgt Ion: 75 Resp: 18391
 Ion Ratio Lower Upper
 75 100
 77 2.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.610 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009037.D
 Acq: 24 May 2022 03:58

Instrument :
 MSVOA_Y
 ClientSampleId :
 P036-SS001-2430-01



Tgt Ion: 75 Resp: 18391
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

