

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110422\
 Data File : VY011306.D
 Acq On : 04 Nov 2022 18:39
 Operator : KP/MD
 Sample : N5310-12RE
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BIN 1-2-(2840)-VOC-8RE

Quant Time: Nov 07 01:54:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

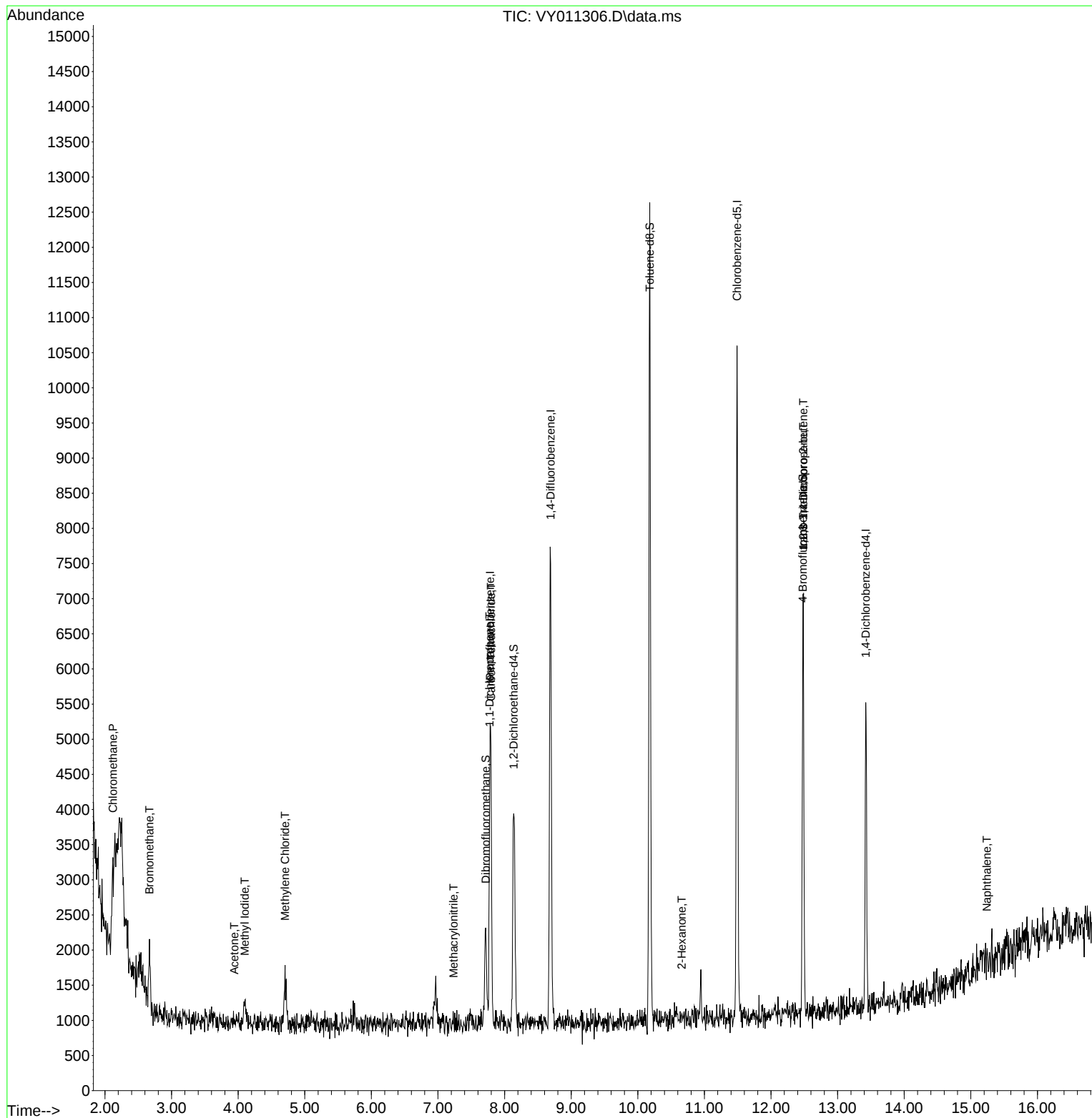
Internal Standards						
1) Pentafluorobenzene	7.783	168	3912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	6805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	5578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2761	65.991	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.980%
35) Dibromofluoromethane	7.716	113	1161	26.554	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	53.100%#
50) Toluene-d8	10.179	98	8104	47.740	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.480%
62) 4-Bromofluorobenzene	12.477	95	2065	35.040	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.080%
Target Compounds						Qvalue
3) Chloromethane	2.119	50	209	4.818	ug/l #	67
5) Bromomethane	2.668	94	238	7.362	ug/l #	23
10) Methyl Iodide	4.101	142	539	9.729	ug/l #	72
16) Acetone	3.942	43	67	5.305	ug/l #	47
20) Methylene Chloride	4.704	84	512	5.430	ug/l #	50
36) 1,1-Dichloropropene	7.777	75	251	3.515	ug/l #	42
38) Carbon Tetrachloride	7.795	117	368	4.968	ug/l #	11
41) Methacrylonitrile	7.234	41	22	1.052	ug/l #	1
59) 2-Hexanone	10.660	43	40	1.520	ug/l #	28
76) 1,2,3-Trichloropropane	12.483	75	1058	57.668	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	1058	123.417	ug/l #	7
95) Naphthalene	15.239	128	19	4.229	ug/l #	69

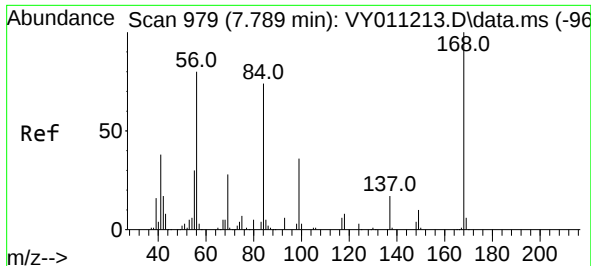
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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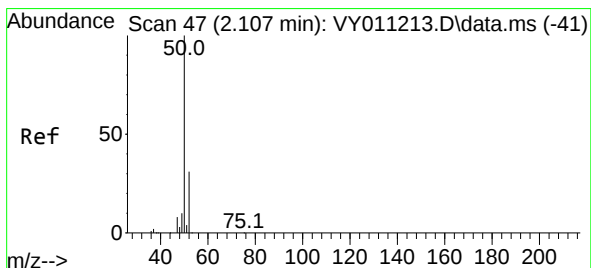
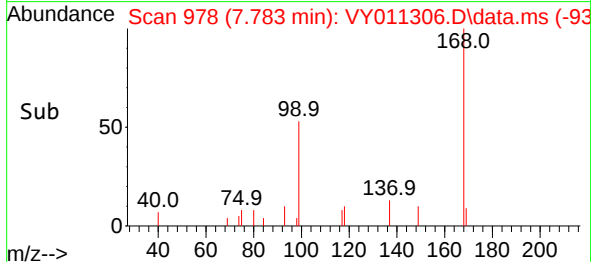
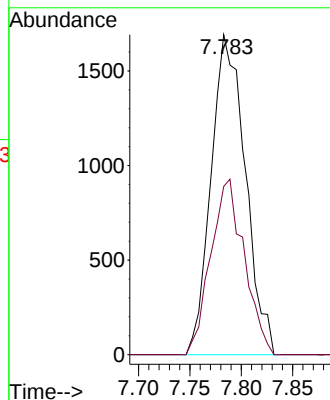
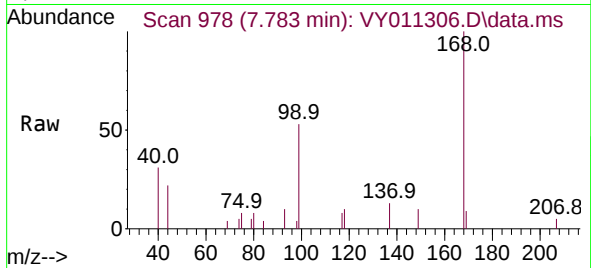




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

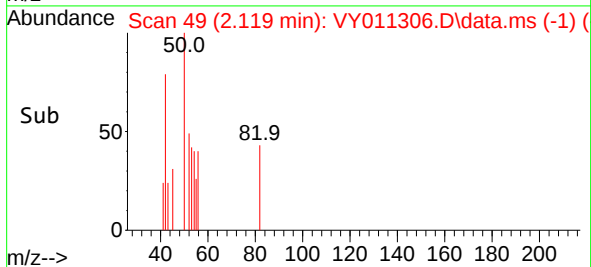
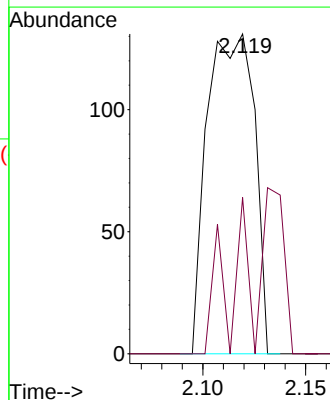
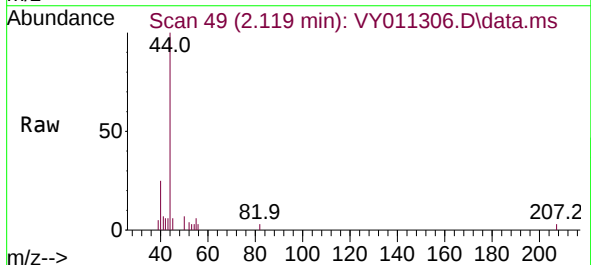
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-8RE

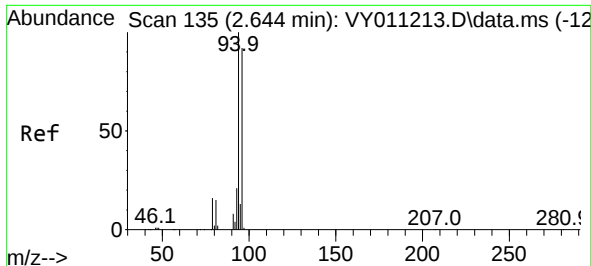
Tgt Ion:168 Resp: 3912
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#3
Chloromethane
Concen: 4.818 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

Tgt Ion: 50 Resp: 209
Ion Ratio Lower Upper
50 100
52 48.9 24.6 37.0#

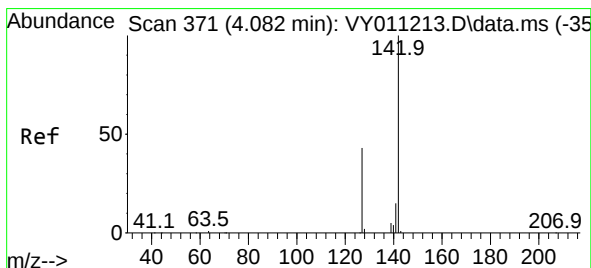
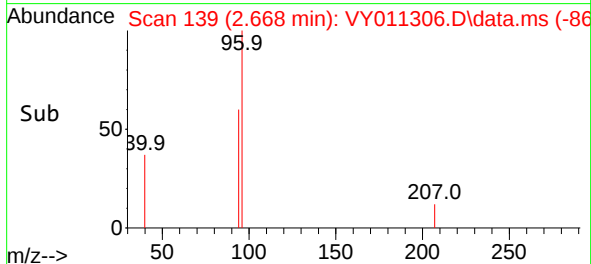
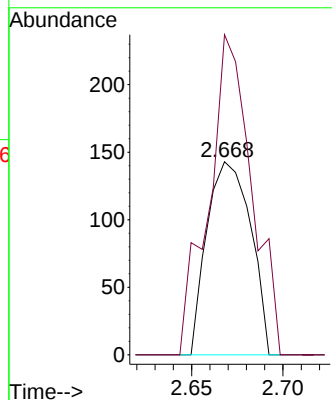
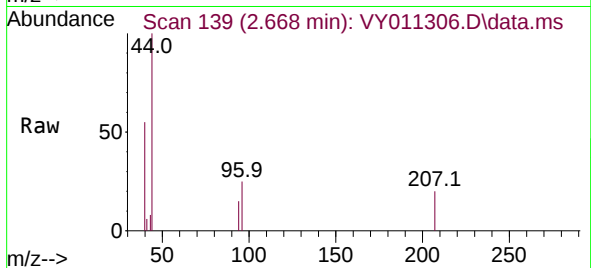




#5
Bromomethane
Concen: 7.362 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

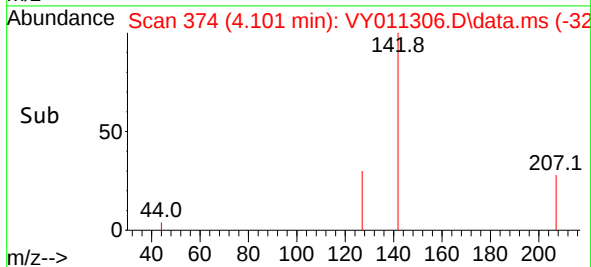
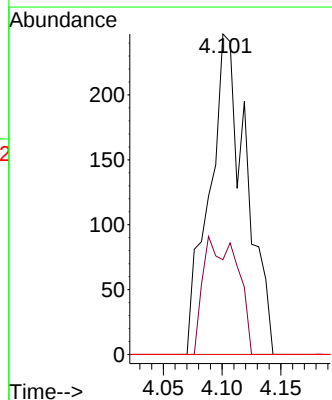
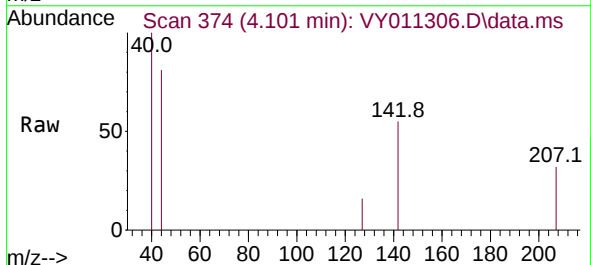
Instrument :
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ClientSampleId :
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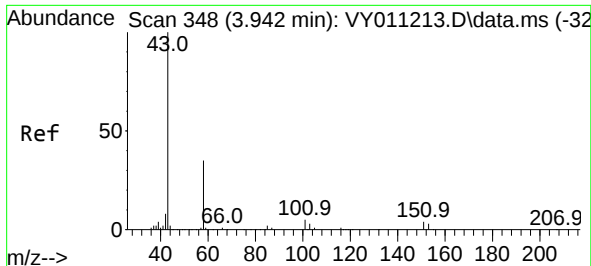
Tgt Ion: 94 Resp: 238
Ion Ratio Lower Upper
94 100
96 165.7 73.5 110.3#



#10
Methyl Iodide
Concen: 9.729 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

Tgt Ion: 142 Resp: 539
Ion Ratio Lower Upper
142 100
127 34.0 41.5 62.3#
141 0.0 11.9 17.9#

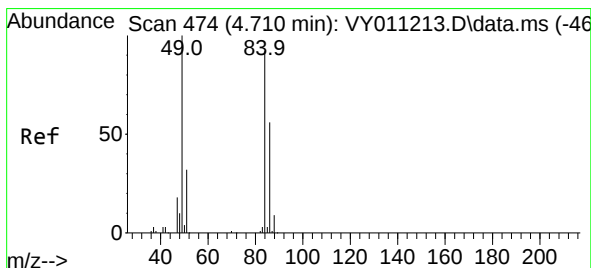
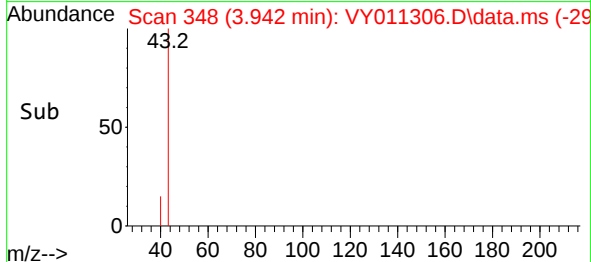
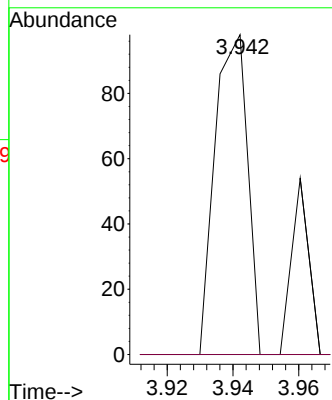
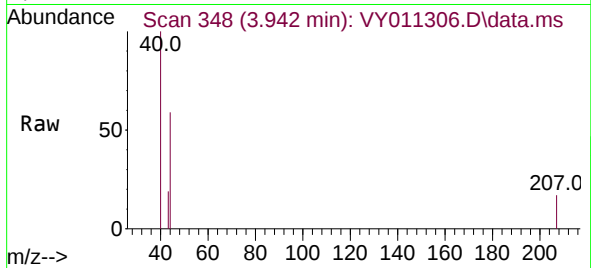




#16
Acetone
Concen: 5.305 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

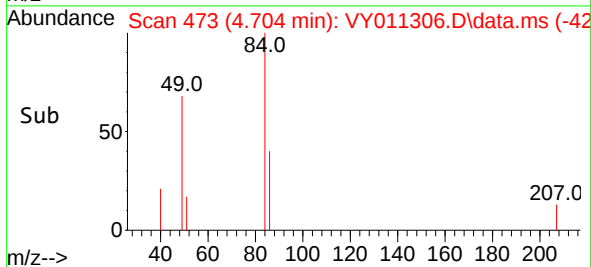
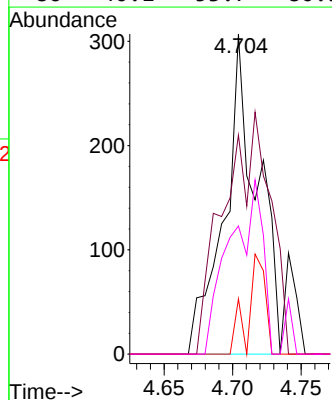
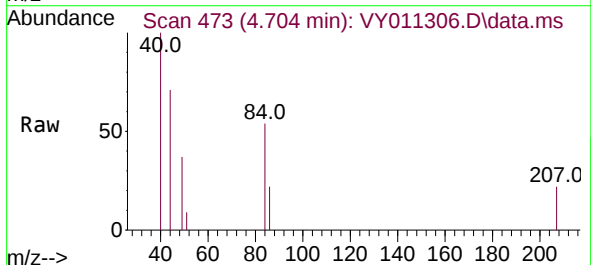
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-8RE

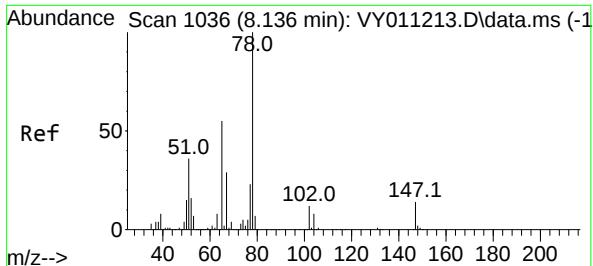
Tgt Ion: 43 Resp: 67
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 5.430 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

Tgt Ion: 84 Resp: 512
Ion Ratio Lower Upper
84 100
49 68.4 114.4 171.6#
51 17.3 35.3 52.9#
86 40.1 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 65.991 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY011306.D

Acq: 04 Nov 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

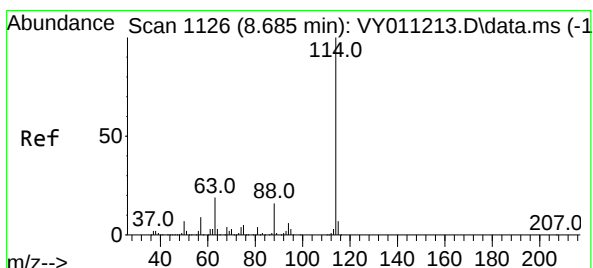
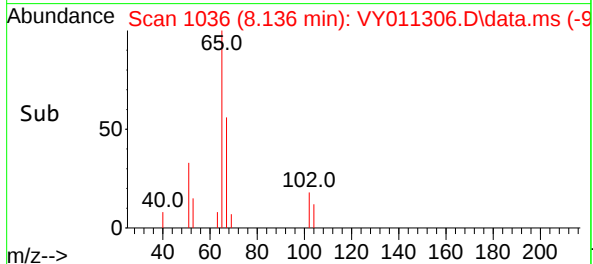
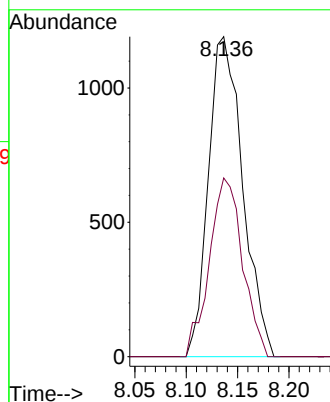
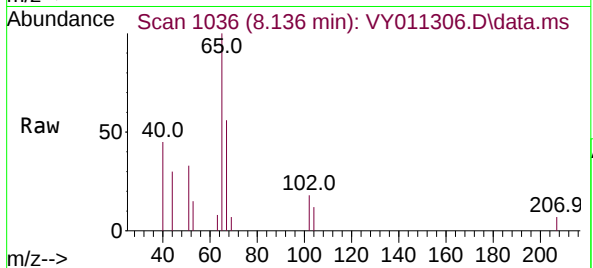
BIN 1-2-(2840)-VOC-8RE

Tgt Ion: 65 Resp: 2761

Ion Ratio Lower Upper

65 100

67 54.0 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: VY011306.D

Acq: 04 Nov 2022 18:39

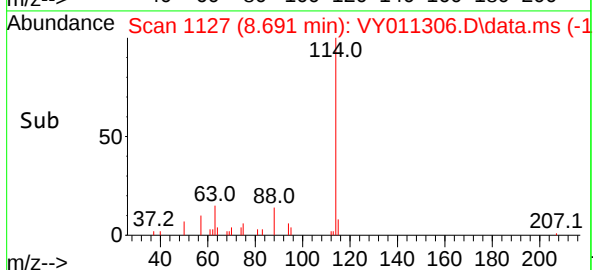
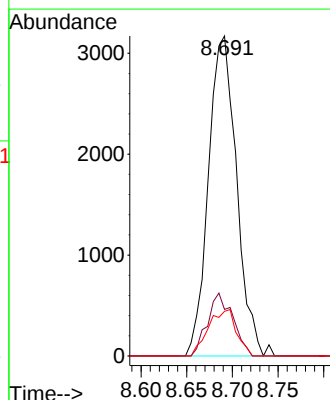
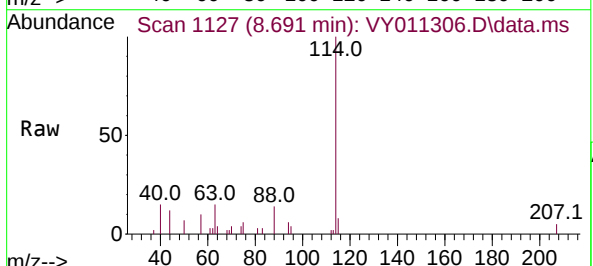
Tgt Ion: 114 Resp: 6805

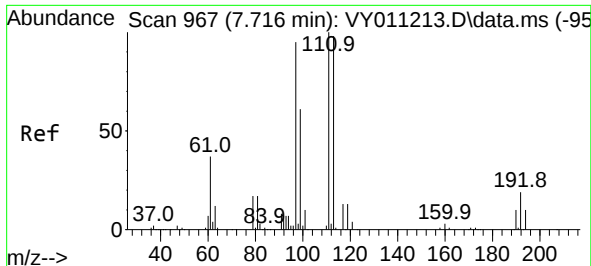
Ion Ratio Lower Upper

114 100

63 14.6 0.0 43.2

88 13.9 0.0 31.8

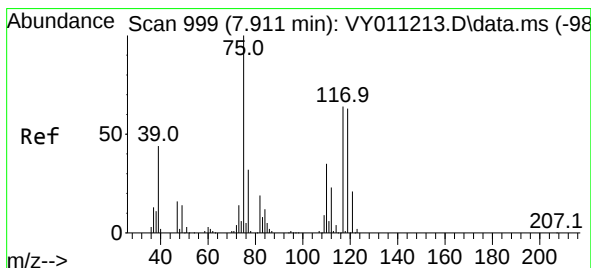
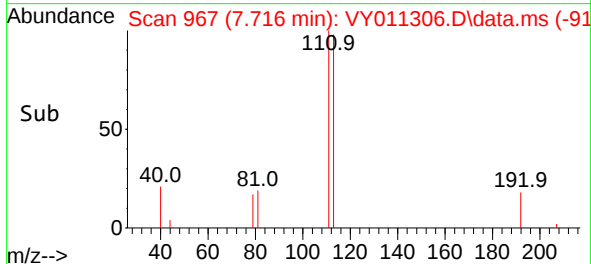
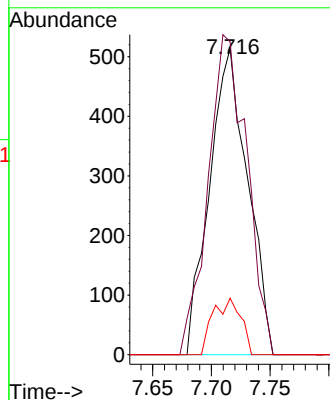
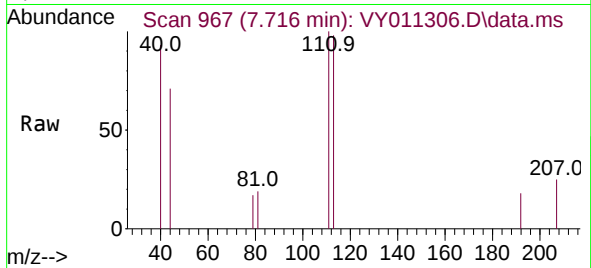




#35
Dibromofluoromethane
Concen: 26.554 ug/l
RT: 7.716 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

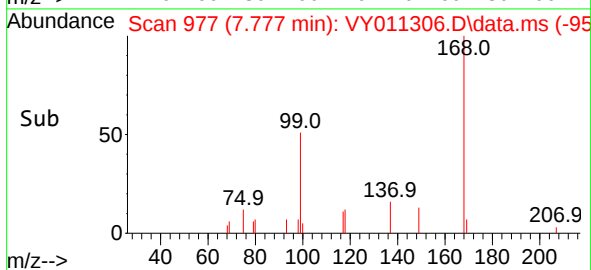
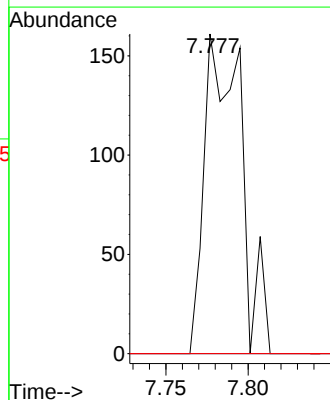
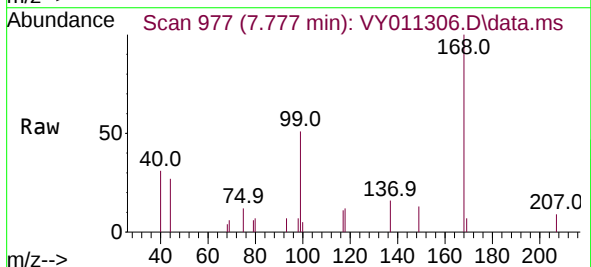
Instrument :
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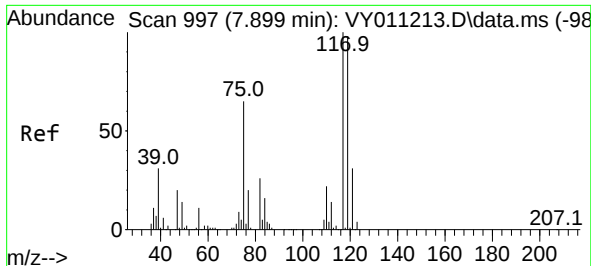
Tgt Ion:113 Resp: 1161
Ion Ratio Lower Upper
113 100
111 105.7 82.6 124.0
192 13.5 17.6 26.4#



#36
1,1-Dichloropropene
Concen: 3.515 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.140 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

Tgt Ion: 75 Resp: 251
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.0 24.4 36.6#

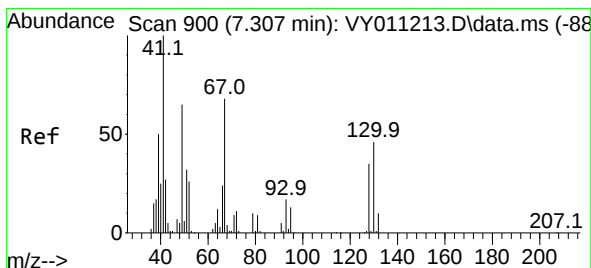
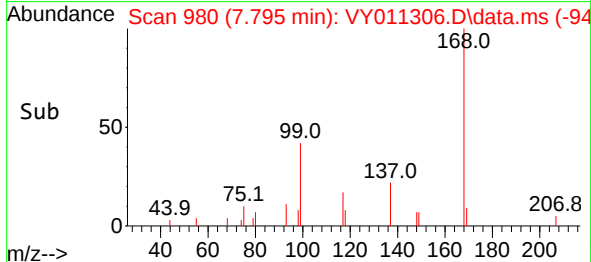
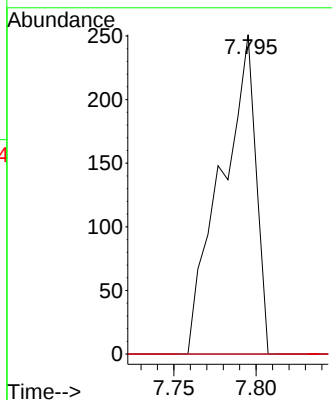
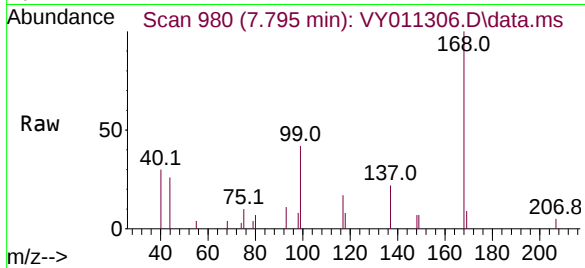




#38
Carbon Tetrachloride
Concen: 4.968 ug/l
RT: 7.795 min Scan# 911
Delta R.T. -0.104 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

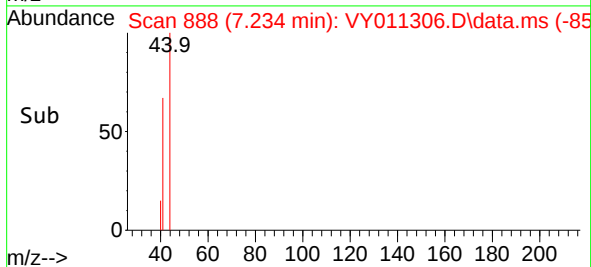
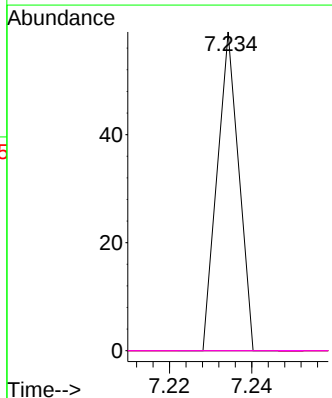
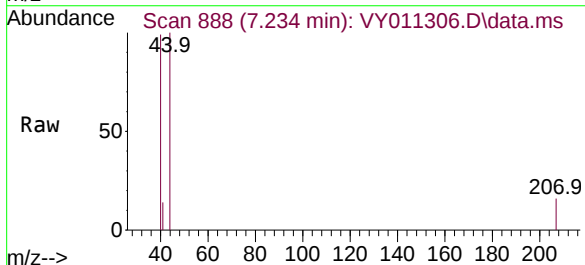
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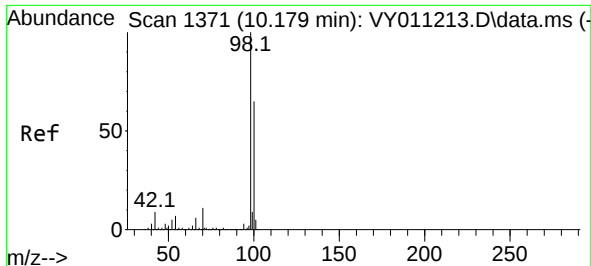
Tgt Ion: 117 Resp: 368
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 1.052 ug/l
RT: 7.234 min Scan# 888
Delta R.T. -0.073 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

Tgt Ion: 41 Resp: 22
Ion Ratio Lower Upper
41 100
39 0.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0

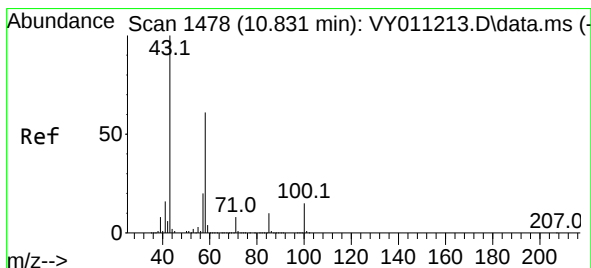
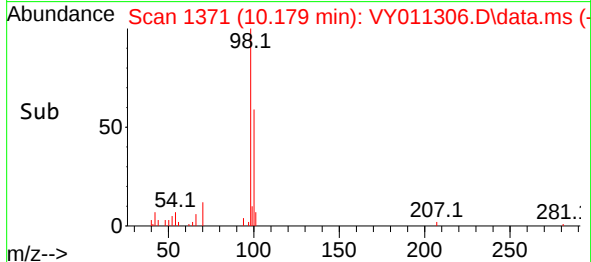
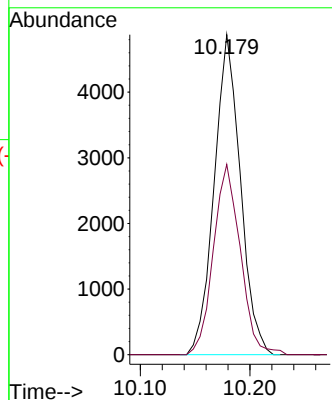
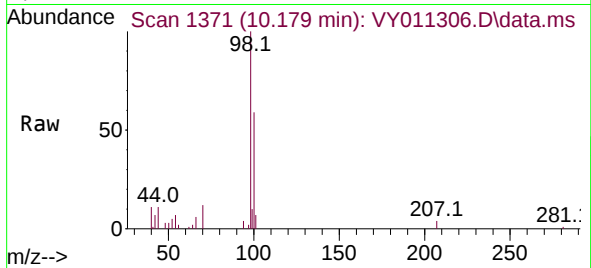




#50
Toluene-d8
Concen: 47.740 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

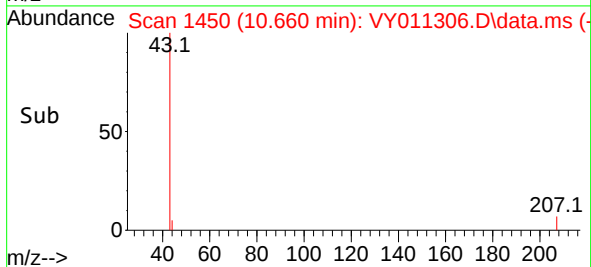
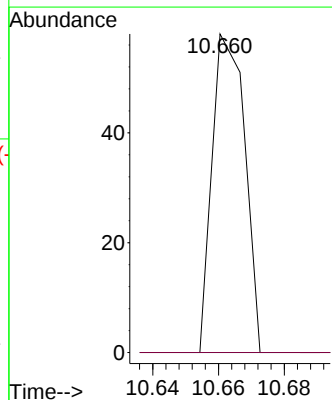
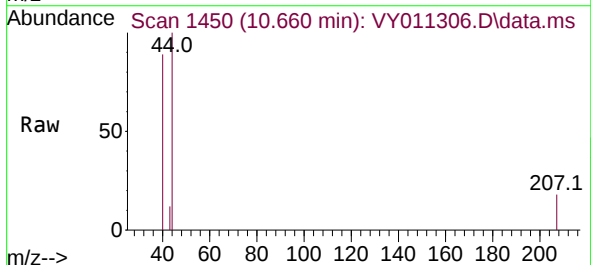
Instrument :
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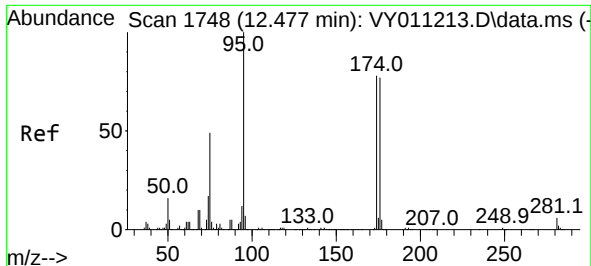
Tgt Ion: 98 Resp: 8104
Ion Ratio Lower Upper
98 100
100 61.0 50.2 75.2



#59
2-Hexanone
Concen: 1.520 ug/l
RT: 10.660 min Scan# 1450
Delta R.T. -0.171 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

Tgt Ion: 43 Resp: 40
Ion Ratio Lower Upper
43 100
58 0.0 24.4 73.4#

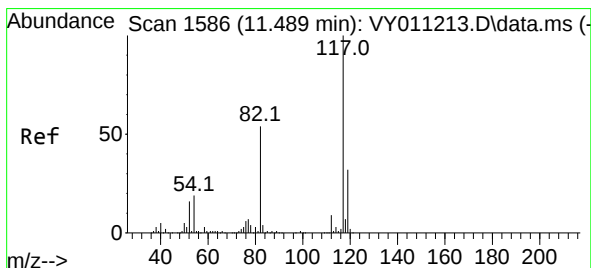
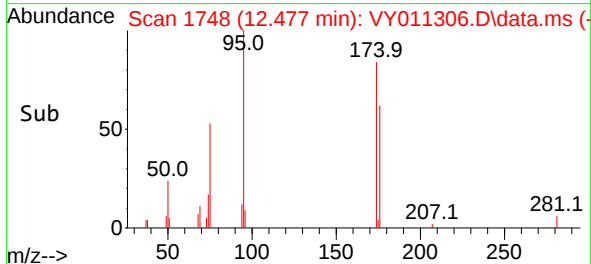
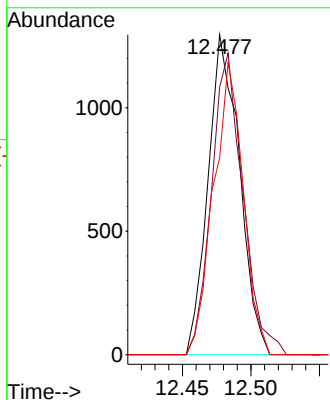
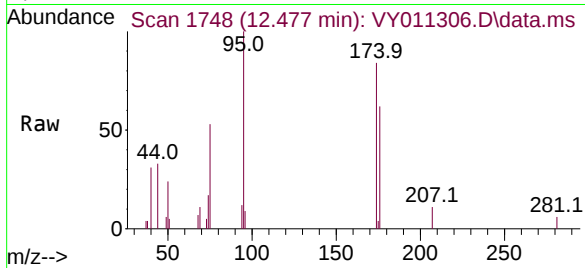




#62
4-Bromofluorobenzene
Concen: 35.040 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

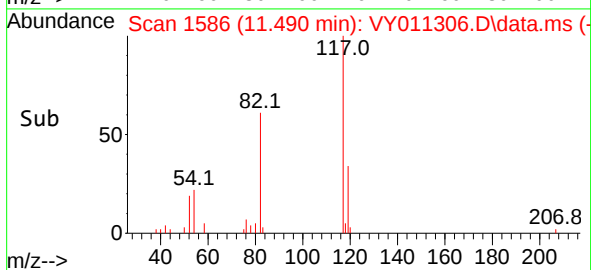
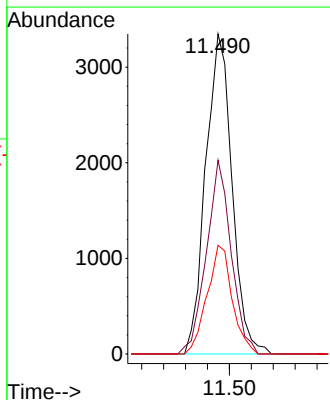
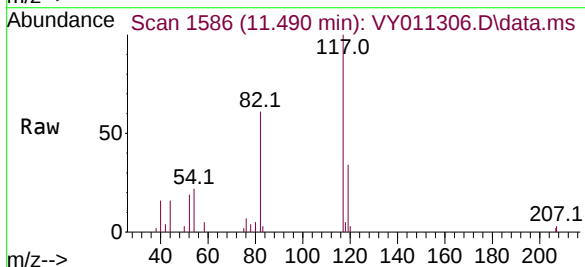
Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-8RE

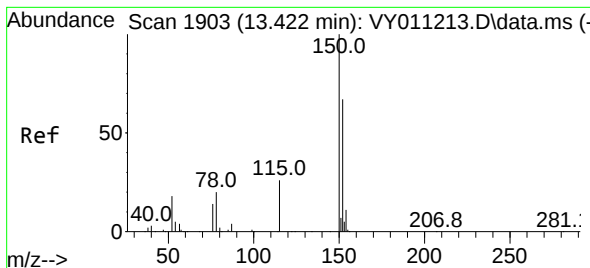
Tgt Ion:	95	Resp:	2065
Ion	Ratio	Lower	Upper
95	100		
174	94.2	0.0	177.0
176	86.6	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

Tgt Ion:	117	Resp:	5578
Ion	Ratio	Lower	Upper
117	100		
82	60.6	43.0	64.4
119	34.0	25.4	38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY011306.D

Acq: 04 Nov 2022 18:39

Instrument :

MSVOA_Y

ClientSampleId :

BIN 1-2-(2840)-VOC-8RE

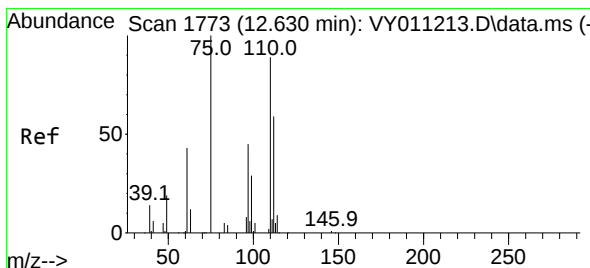
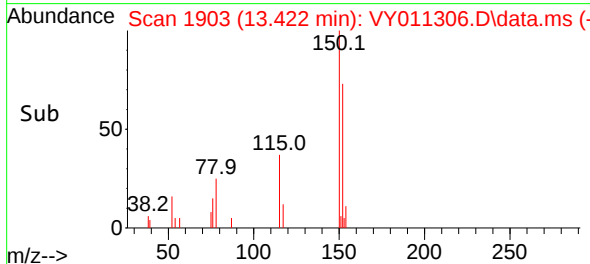
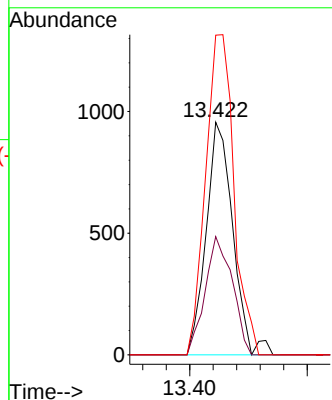
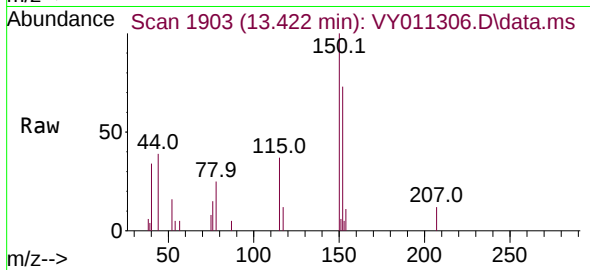
Tgt Ion:152 Resp: 1507

Ion Ratio Lower Upper

152 100

115 51.7 28.2 84.7

150 145.7 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 57.668 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.147 min

Lab File: VY011306.D

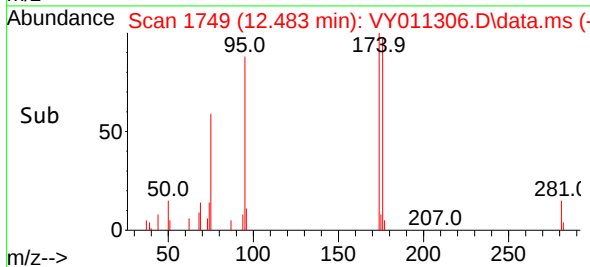
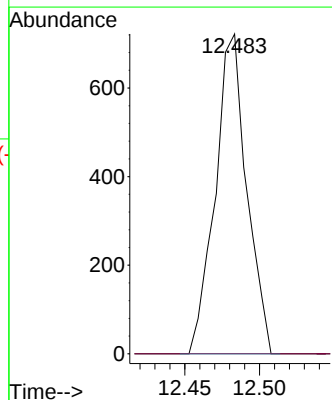
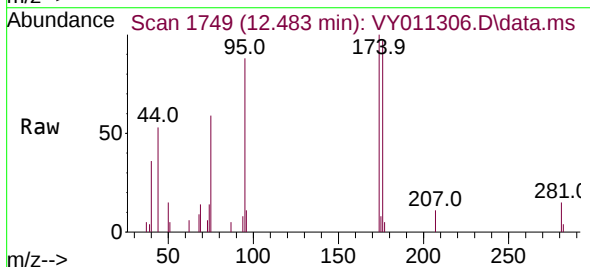
Acq: 04 Nov 2022 18:39

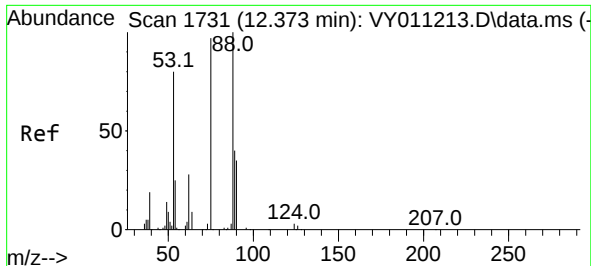
Tgt Ion: 75 Resp: 1058

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

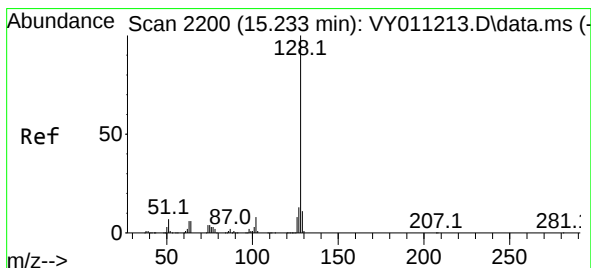
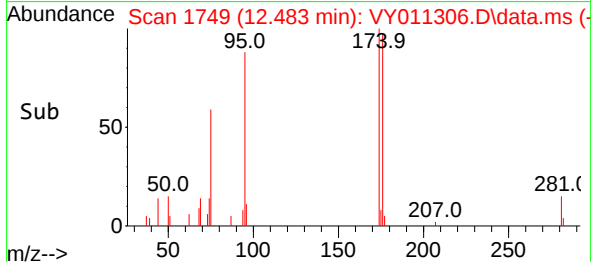
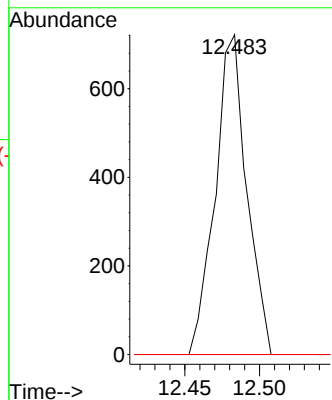
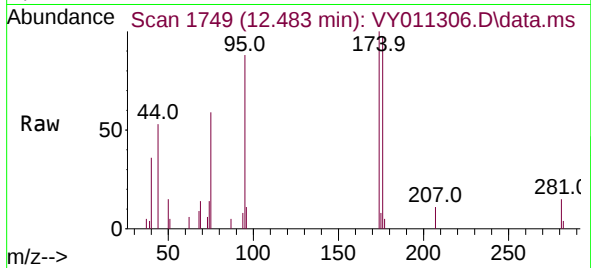




#81
trans-1,4-Dichloro-2-butene
Concen: 123.417 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

Instrument :
MSVOA_Y
ClientSampleId :
BIN 1-2-(2840)-VOC-8RE

Tgt Ion: 75 Resp: 1058
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 4.229 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY011306.D
Acq: 04 Nov 2022 18:39

Tgt Ion: 128 Resp: 19
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

