

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007179.D
 Acq On : 17 Jan 2022 10:25
 Operator : SY/MD
 Sample : VY0117SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBL01

Quant Time: Jan 17 17:45:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

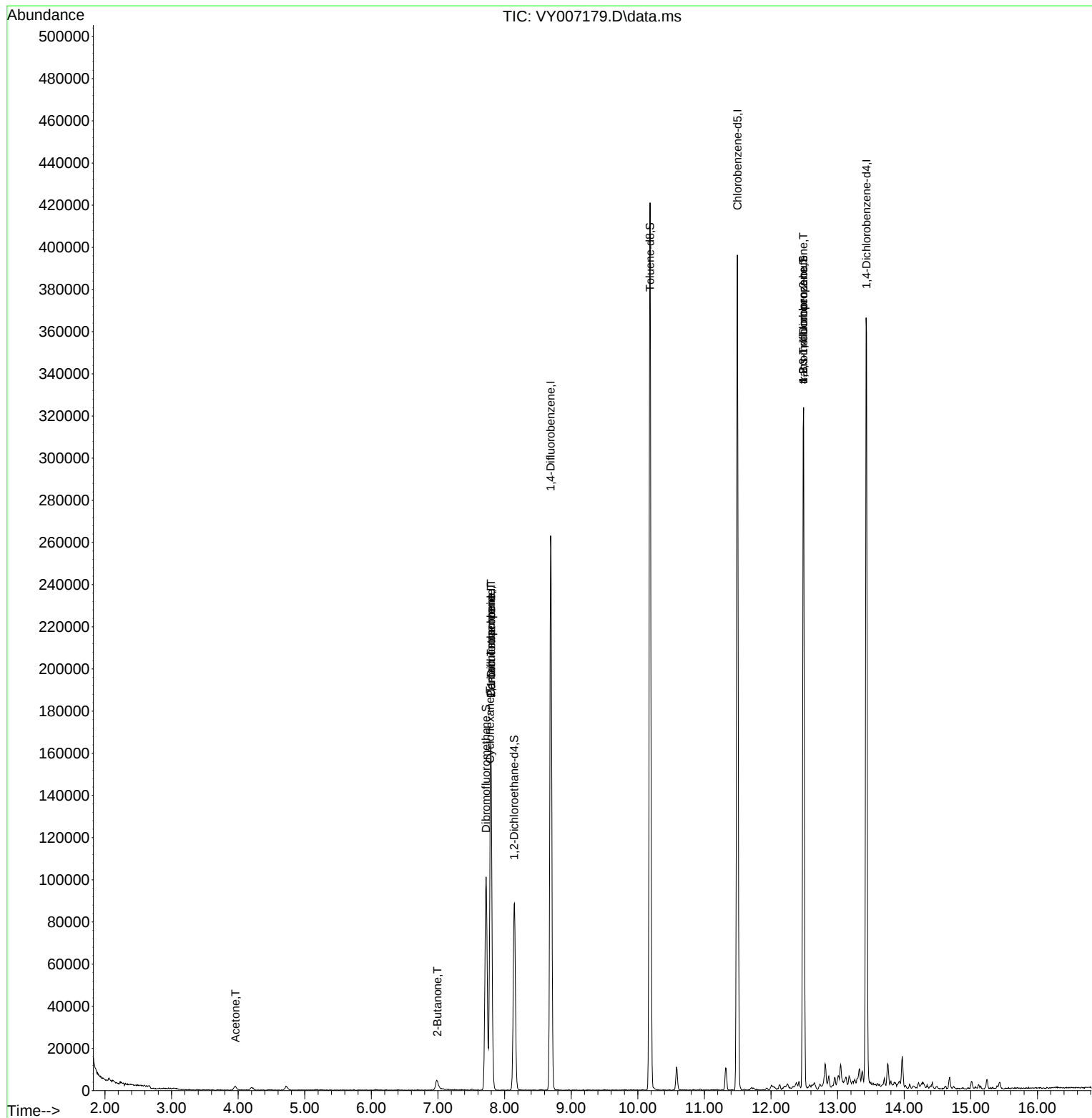
Internal Standards						
1) Pentafluorobenzene	7.795	168	124316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	226493	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	208698	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	90136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	74111	48.585	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.180%
35) Dibromofluoromethane	7.721	113	74105	48.387	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.780%
50) Toluene-d8	10.184	98	276699	49.445	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.900%
62) 4-Bromofluorobenzene	12.483	95	97874	49.168	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.340%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.941	59	52	Below Cal	#	73
16) Acetone	3.960	43	3711	9.374	ug/l	97
25) 2-Butanone	6.990	43	537	1.049	ug/l #	47
31) Cyclohexane	7.782	56	3063	1.188	ug/l #	12
36) 1,1-Dichloropropene	7.795	75	10618	4.341	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13625	5.296	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	53119	51.683	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	53119	94.617	ug/l #	3

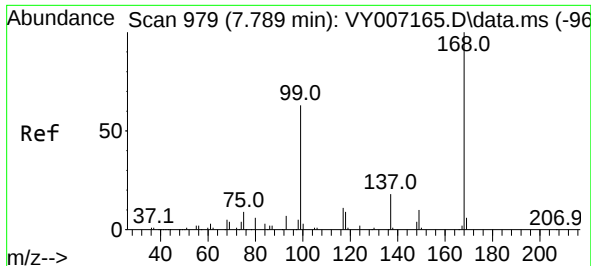
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
Data File : VY007179.D
Acq On : 17 Jan 2022 10:25
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

Quant Time: Jan 17 17:45:48 2022
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Quant Title : SW846 8260
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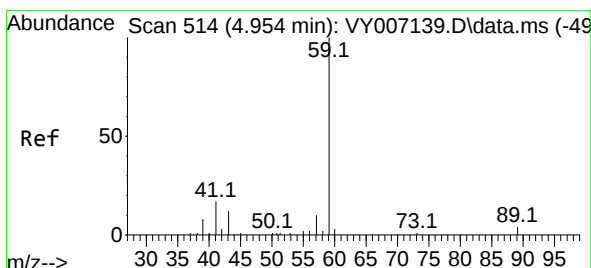
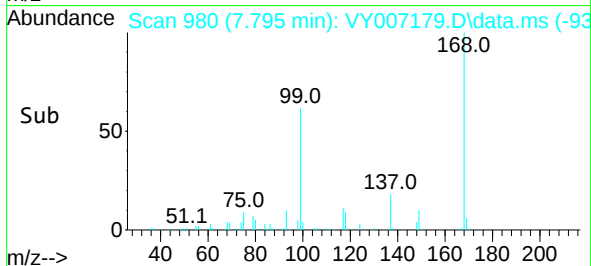
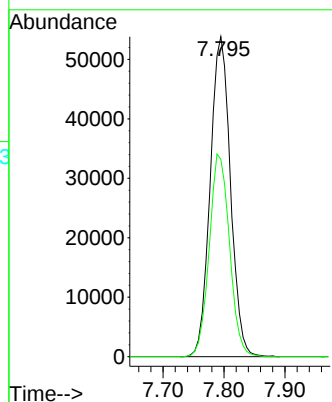
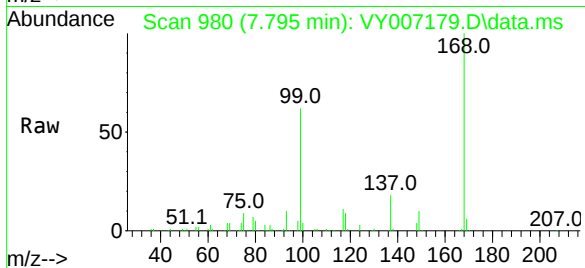




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007179.D
Acq: 17 Jan 2022 10:25

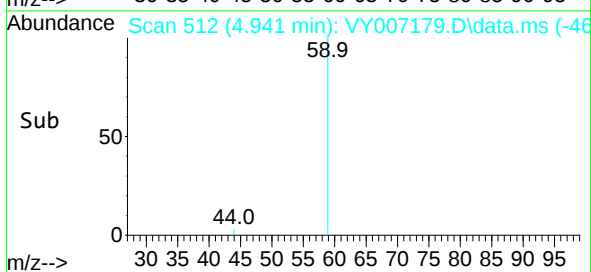
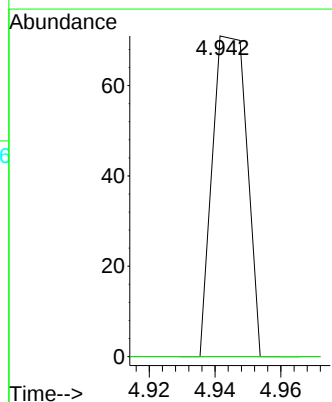
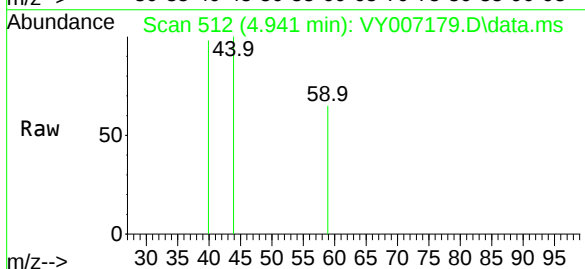
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

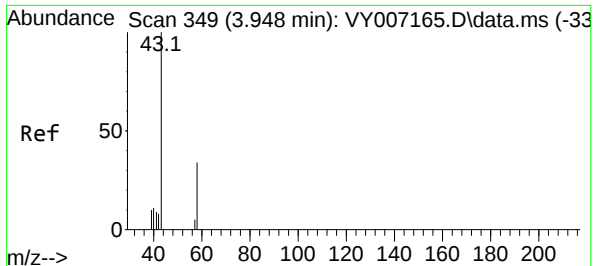
Tgt Ion:168 Resp: 124316
Ion Ratio Lower Upper
168 100
99 61.7 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.941 min Scan# 512
Delta R.T. -0.013 min
Lab File: VY007179.D
Acq: 17 Jan 2022 10:25

Tgt Ion: 59 Resp: 52
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#16

Acetone

Concen: 9.374 ug/l

RT: 3.960 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY007179.D

Acq: 17 Jan 2022 10:25

Instrument :

MSVOA_Y

ClientSampleId :

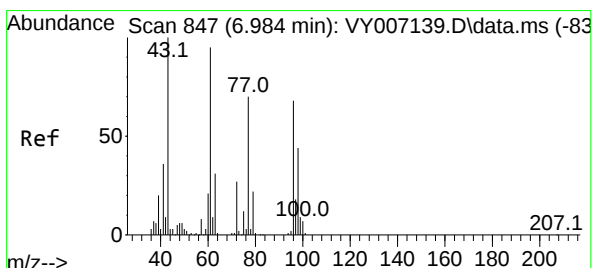
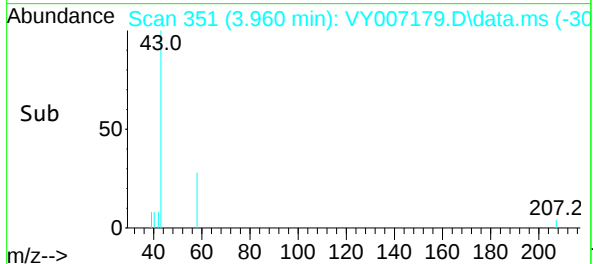
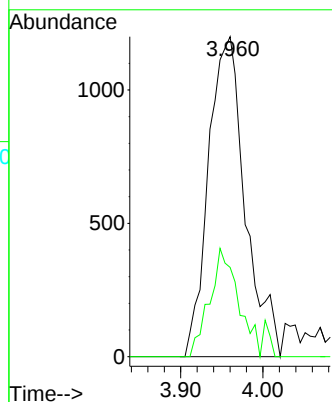
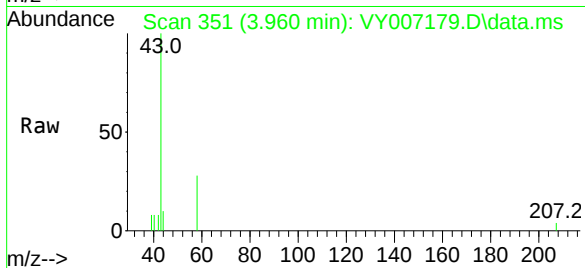
VY0117SBL01

Tgt Ion: 43 Resp: 3711

Ion Ratio Lower Upper

43 100

58 27.9 23.8 35.6



#25

2-Butanone

Concen: 1.049 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY007179.D

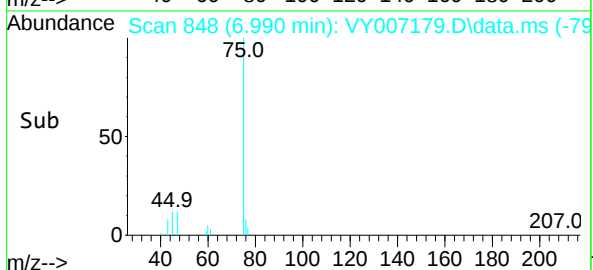
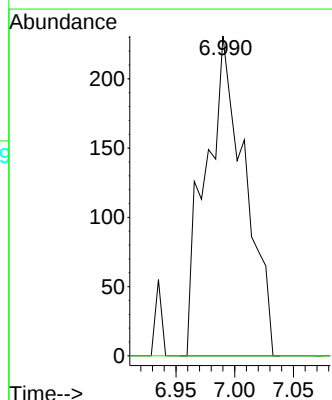
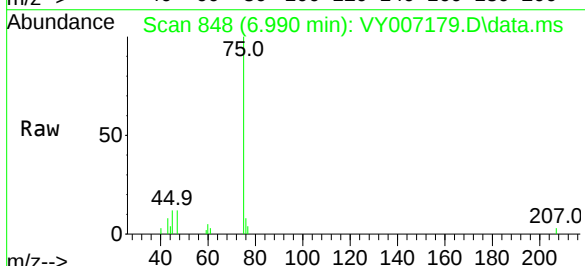
Acq: 17 Jan 2022 10:25

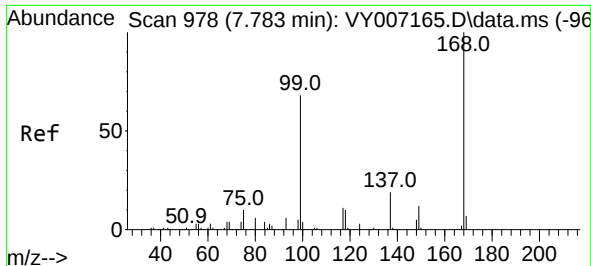
Tgt Ion: 43 Resp: 537

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#

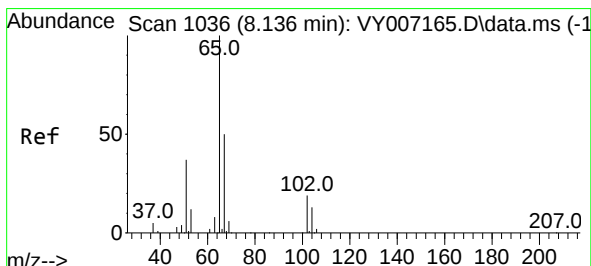
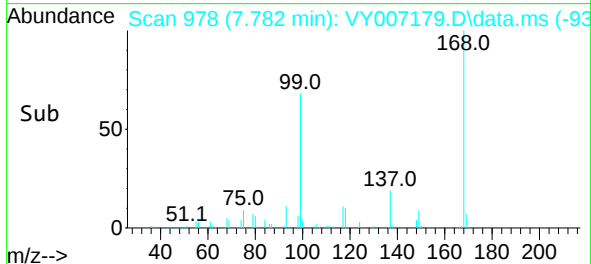
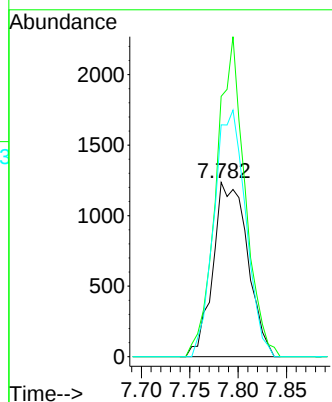
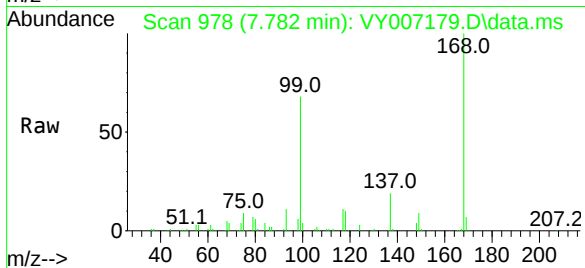




#31
Cyclohexane
Concen: 1.188 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007179.D
Acq: 17 Jan 2022 10:25

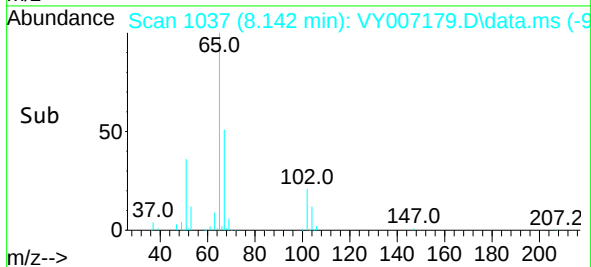
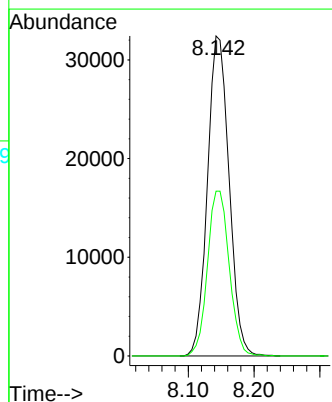
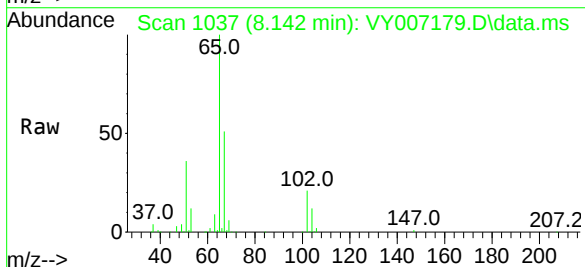
Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

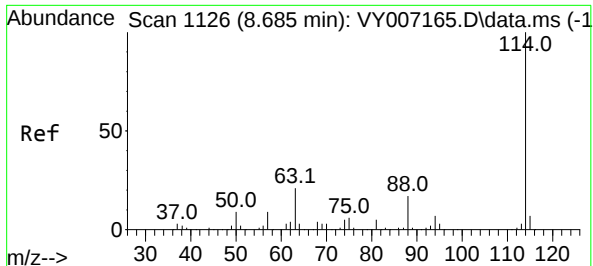
Tgt Ion: 56 Resp: 3063
Ion Ratio Lower Upper
56 100
69 149.5 27.2 40.8#
84 133.1 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 48.585 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007179.D
Acq: 17 Jan 2022 10:25

Tgt Ion: 65 Resp: 74111
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007179.D

Acq: 17 Jan 2022 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBL01

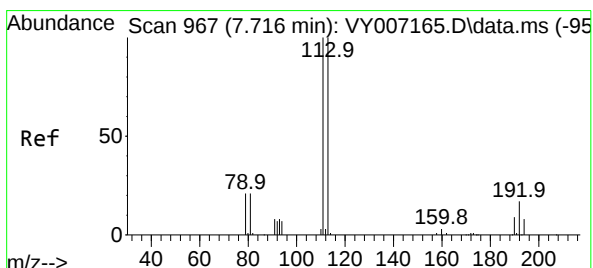
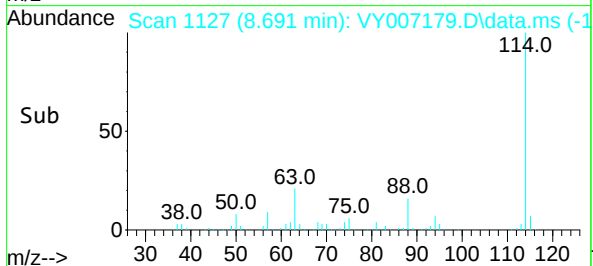
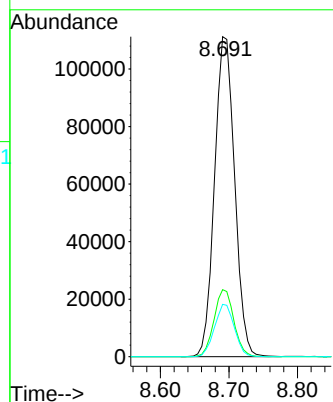
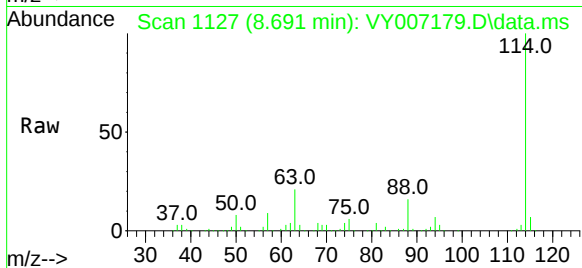
Tgt Ion:114 Resp: 226493

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.2

88 16.3 0.0 31.0



#35

Dibromofluoromethane

Concen: 48.387 ug/l

RT: 7.721 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007179.D

Acq: 17 Jan 2022 10:25

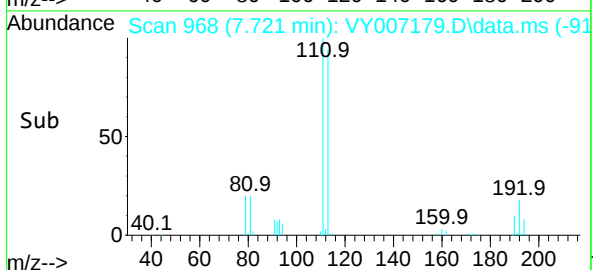
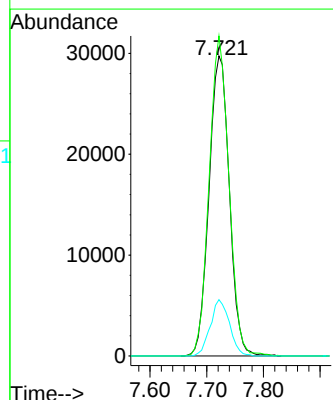
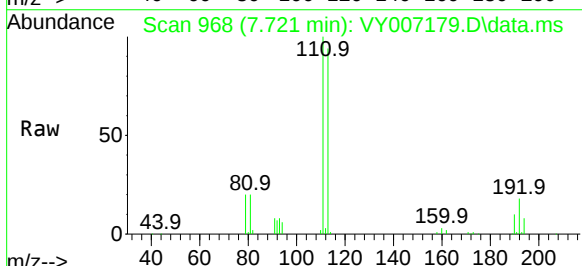
Tgt Ion:113 Resp: 74105

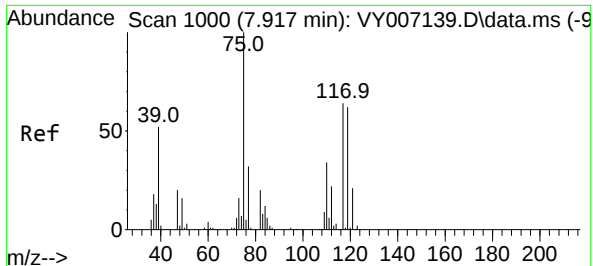
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 17.7 14.2 21.4

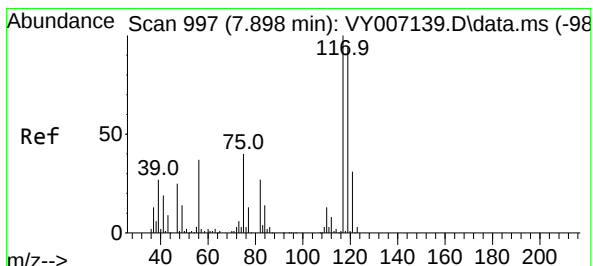
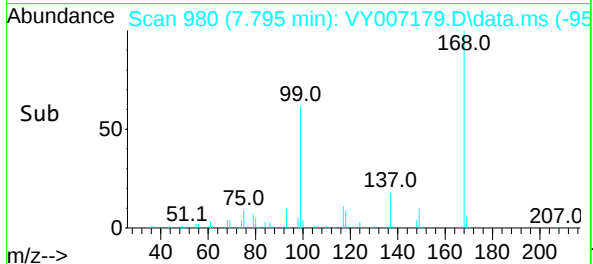
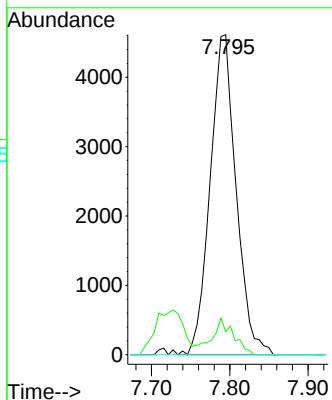
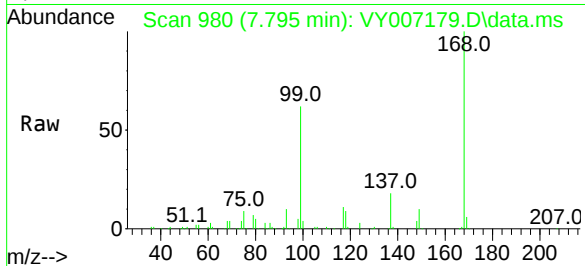




#36
 1,1-Dichloropropene
 Concen: 4.341 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.122 min
 Lab File: VY007179.D
 Acq: 17 Jan 2022 10:25

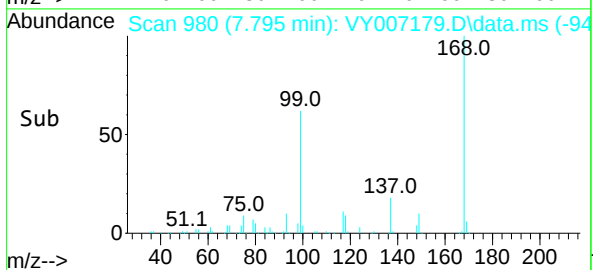
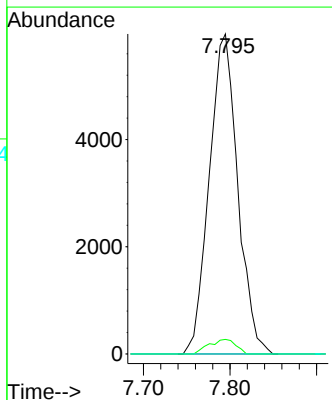
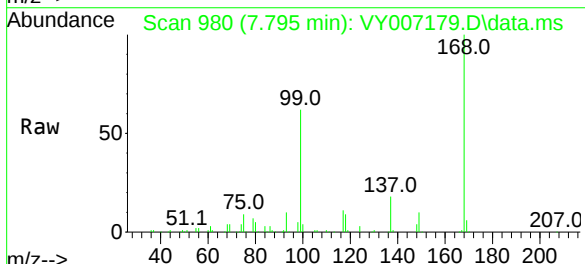
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0117SBL01

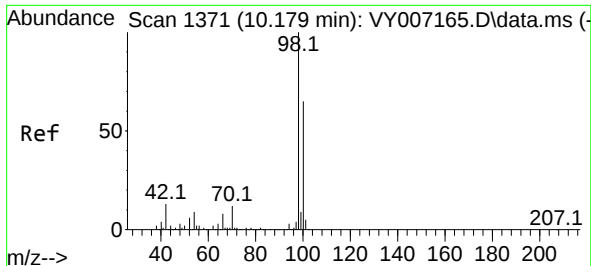
Tgt Ion: 75 Resp: 10618
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.3 51.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.296 ug/l
 RT: 7.795 min Scan# 980
 Delta R.T. -0.104 min
 Lab File: VY007179.D
 Acq: 17 Jan 2022 10:25

Tgt Ion: 117 Resp: 13625
 Ion Ratio Lower Upper
 117 100
 119 4.6 77.2 115.8#
 121 0.0 24.2 36.2#

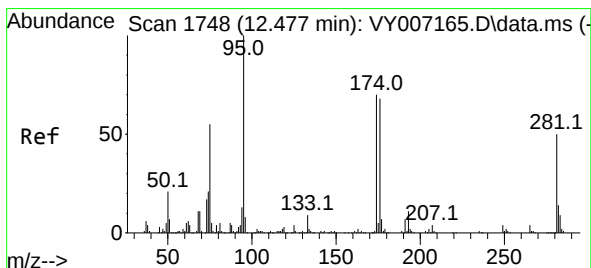
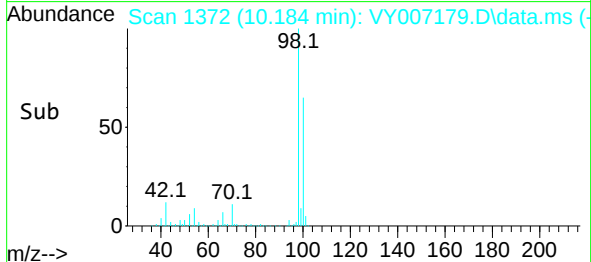
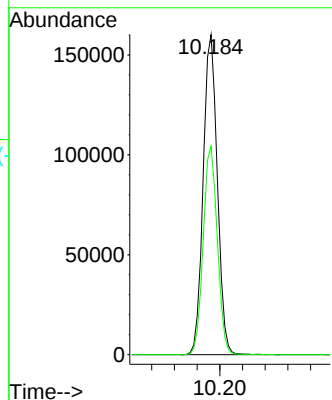
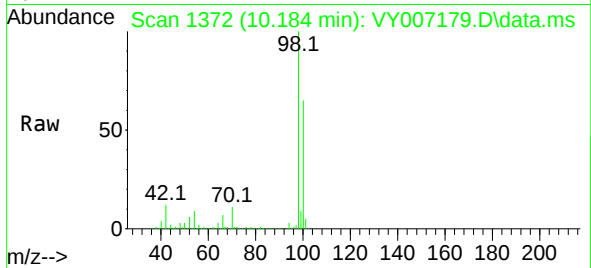




#50
Toluene-d8
Concen: 49.445 ug/l
RT: 10.184 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007179.D
Acq: 17 Jan 2022 10:25

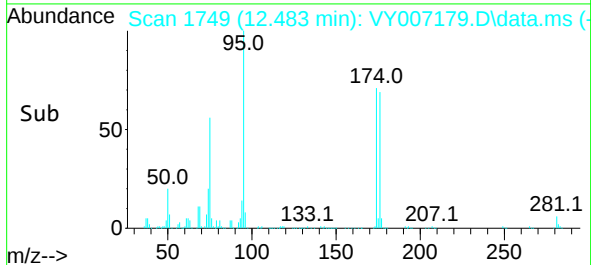
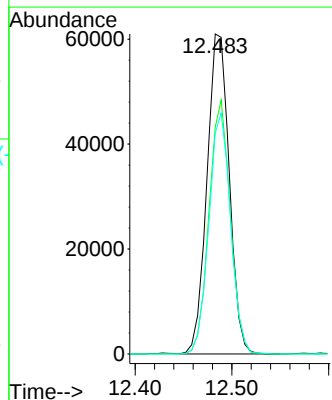
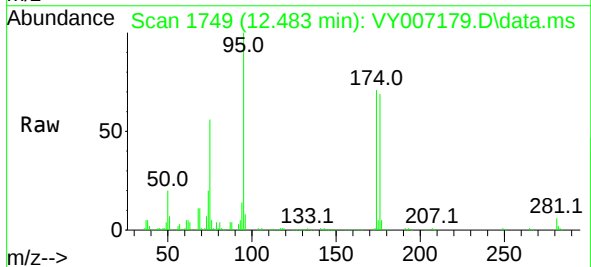
Instrument :
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ClientSampleId :
VY0117SBL01

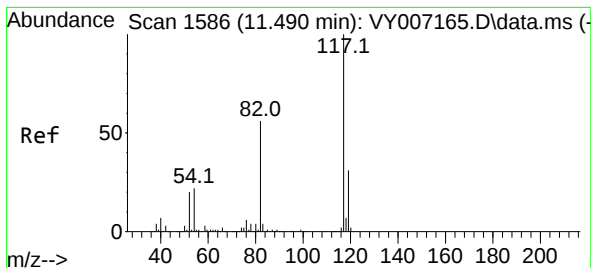
Tgt Ion: 98 Resp: 276699
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.168 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007179.D
Acq: 17 Jan 2022 10:25

Tgt Ion: 95 Resp: 97874
Ion Ratio Lower Upper
95 100
174 75.6 0.0 148.4
176 73.1 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007179.D

Acq: 17 Jan 2022 10:25

Instrument :

MSVOA_Y

ClientSampleId :

VY0117SBL01

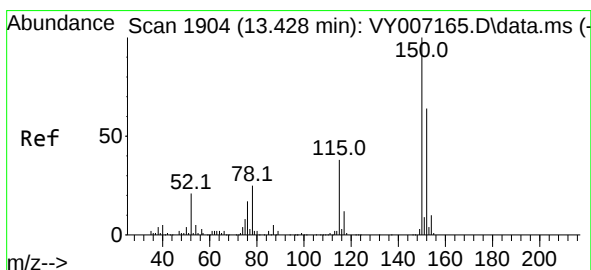
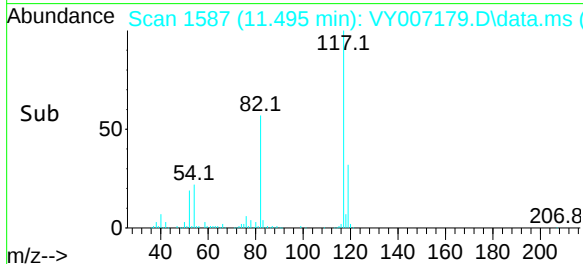
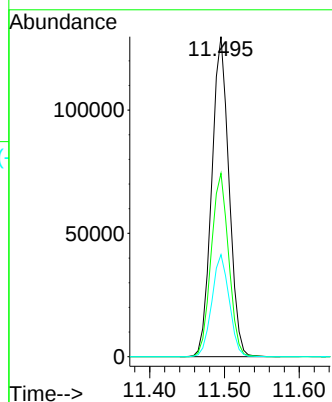
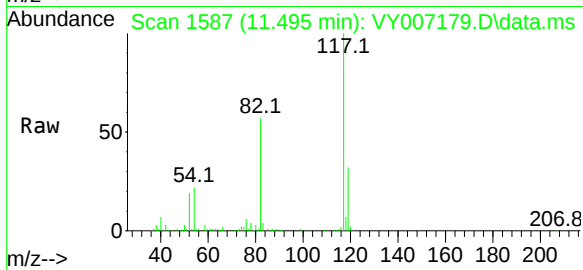
Tgt Ion:117 Resp: 208698

Ion Ratio Lower Upper

117 100

82 57.3 45.4 68.0

119 31.9 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY007179.D

Acq: 17 Jan 2022 10:25

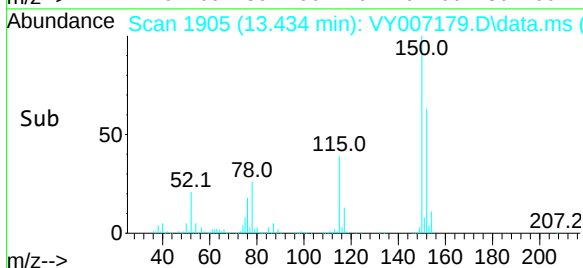
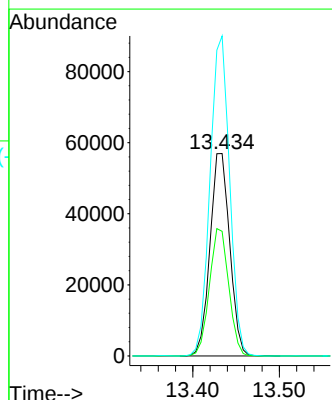
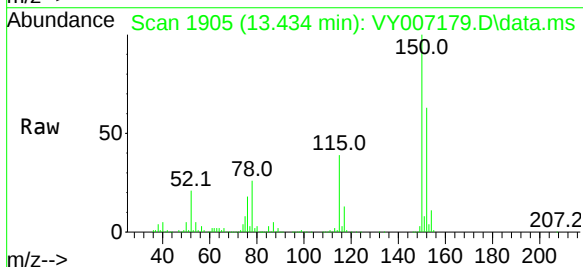
Tgt Ion:152 Resp: 90136

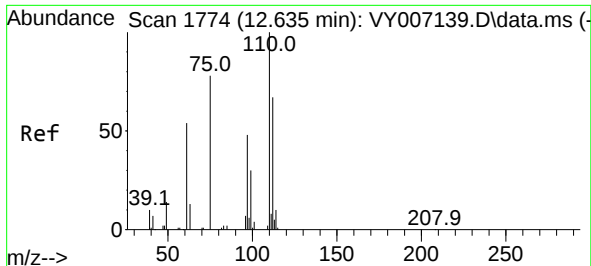
Ion Ratio Lower Upper

152 100

115 61.6 31.4 94.0

150 156.2 0.0 348.4

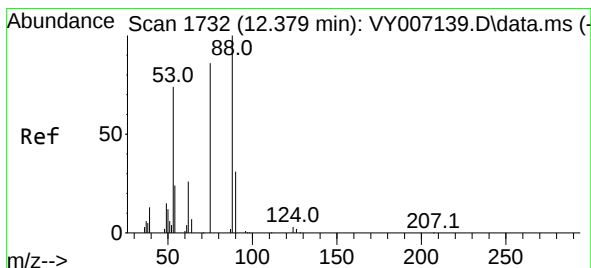
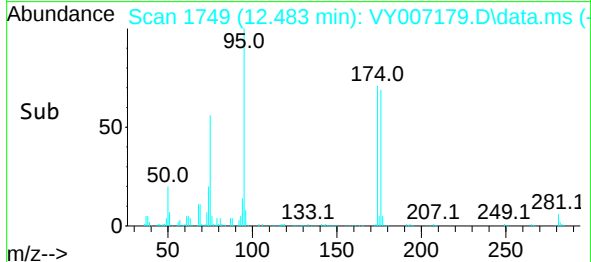
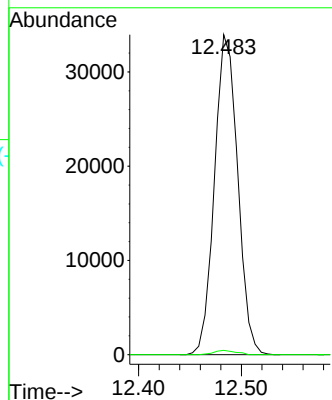
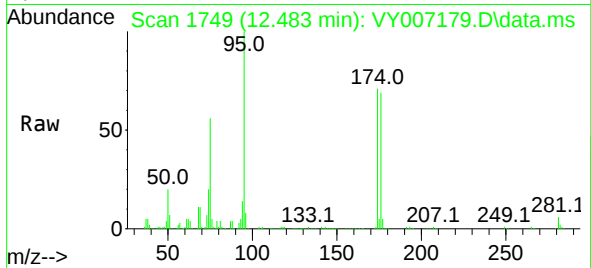




#76
1,2,3-Trichloropropane
Concen: 51.683 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007179.D
Acq: 17 Jan 2022 10:25

Instrument :
MSVOA_Y
ClientSampleId :
VY0117SBL01

Tgt Ion: 75 Resp: 53119
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.617 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007179.D
Acq: 17 Jan 2022 10:25

Tgt Ion: 75 Resp: 53119
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.1 0.0 0.0#

