

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012022\
 Data File : VY007244.D
 Acq On : 20 Jan 2022 16:25
 Operator : SY/MD
 Sample : N1215-02
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 31460

Quant Time: Jan 21 00:46:52 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)

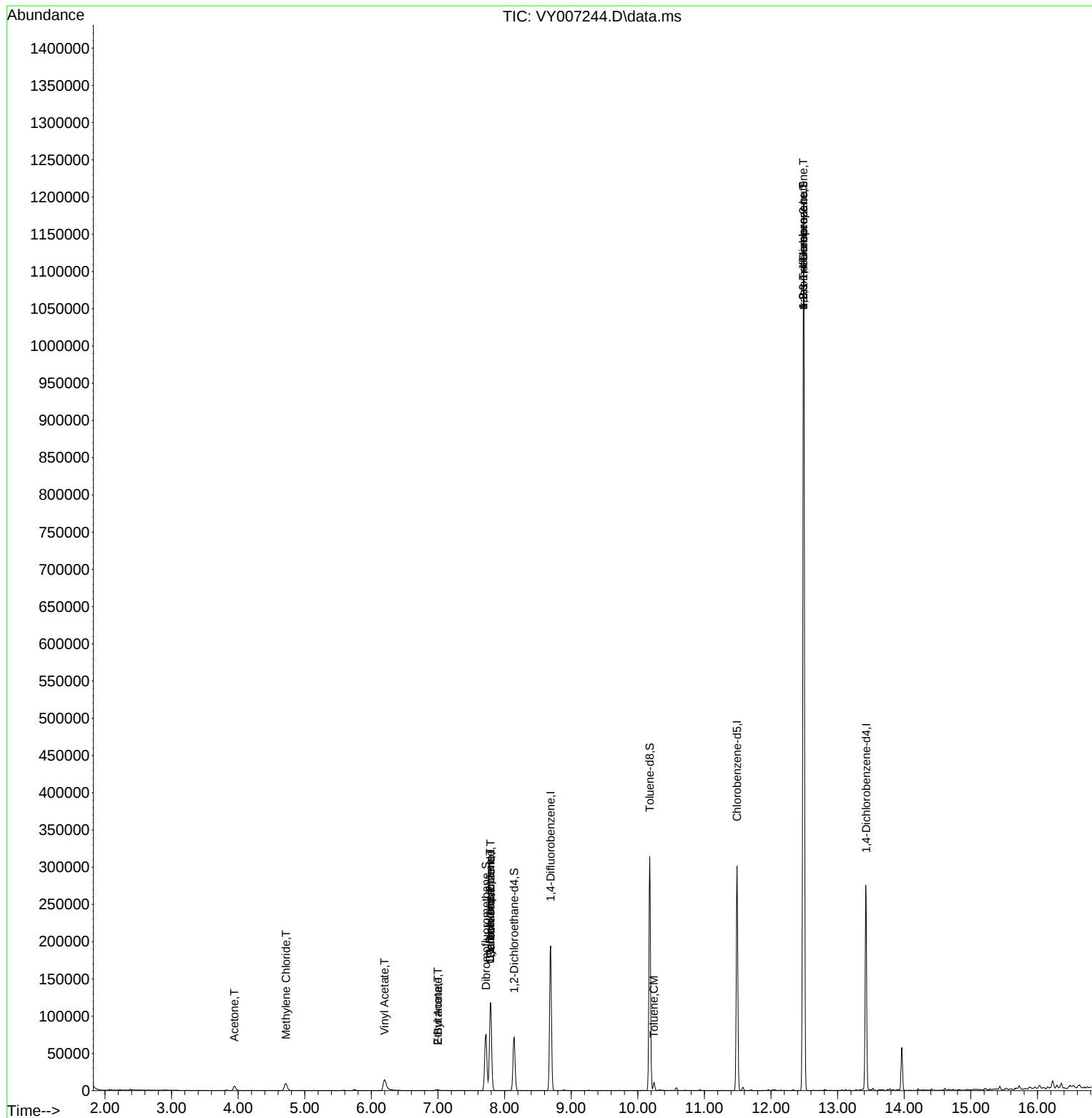
Internal Standards						
1) Pentafluorobenzene	7.789	168	87067	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	162499	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	154200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64947	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	56636	53.014	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.020%	
35) Dibromofluoromethane	7.722	113	54906	49.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.940%	
50) Toluene-d8	10.179	98	200558	49.953	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 99.900%	
62) 4-Bromofluorobenzene	12.483	95	74544	52.195	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 104.400%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.960	59	294	Below Cal	#	73
16) Acetone	3.942	43	10512	37.914	ug/l	97
20) Methylene Chloride	4.716	84	7470	6.516	ug/l	93
23) Vinyl Acetate	6.198	43	3262	1.733	ug/l #	70
25) 2-Butanone	6.996	43	1350	3.766	ug/l	93
31) Cyclohexane	7.783	56	1924	1.065	ug/l #	12
36) 1,1-Dichloropropene	7.783	75	7485	4.265	ug/l #	51
37) Ethyl Acetate	6.996	43	1350	1.499	ug/l #	67
38) Carbon Tetrachloride	7.789	117	9404	5.095	ug/l #	16
52) Toluene	10.240	92	4105	1.383	ug/l	95
76) 1,2,3-Trichloropropane	12.483	75	49820	67.273	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49820	123.158	ug/l #	3

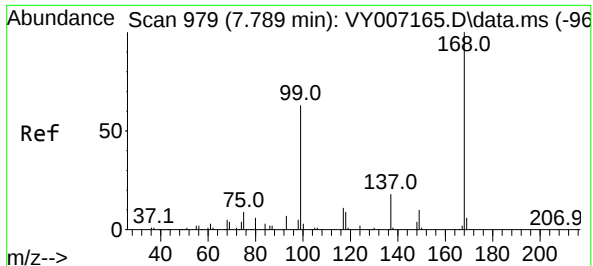
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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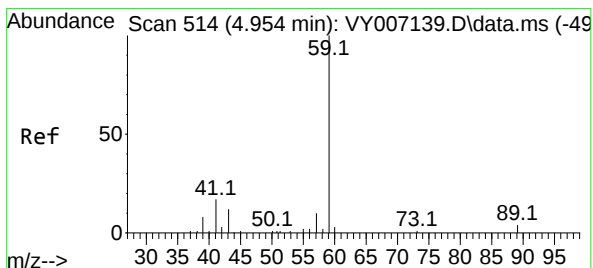
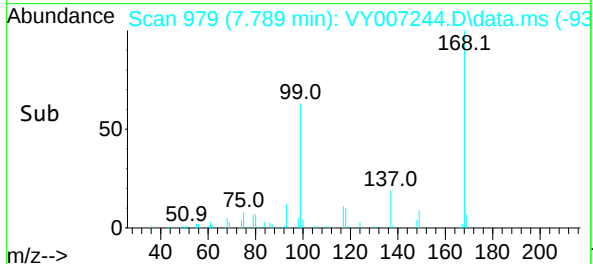
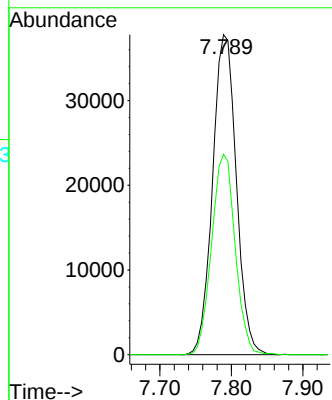
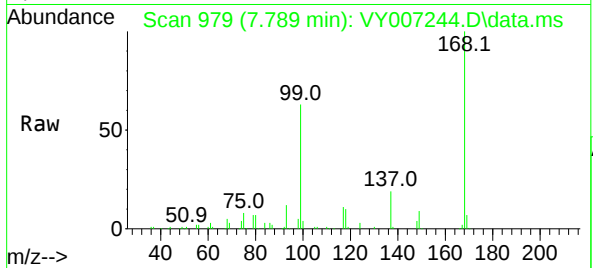




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007244.D
Acq: 20 Jan 2022 16:25

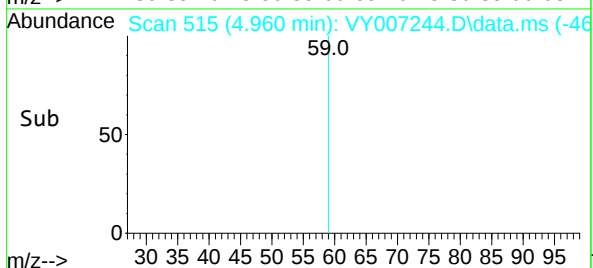
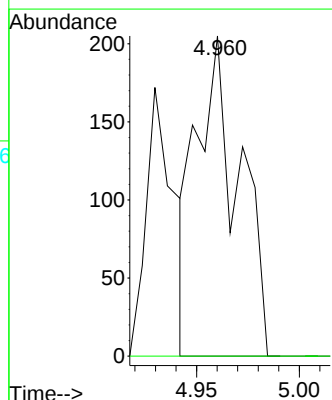
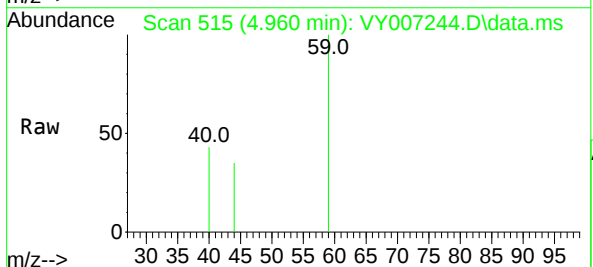
Instrument :
MSVOA_Y
ClientSampleId :
31460

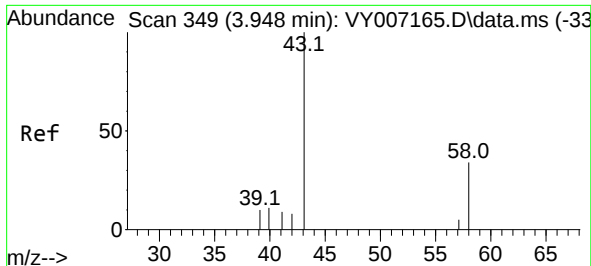
Tgt Ion:168 Resp: 87067
Ion Ratio Lower Upper
168 100
99 62.6 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.960 min Scan# 515
Delta R.T. 0.006 min
Lab File: VY007244.D
Acq: 20 Jan 2022 16:25

Tgt Ion: 59 Resp: 294
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

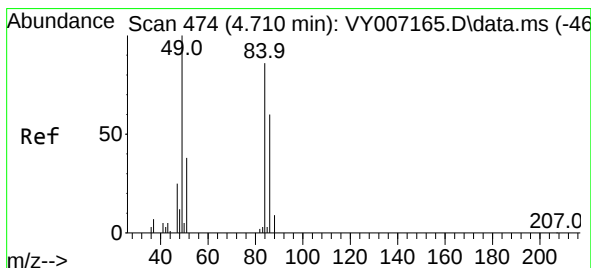
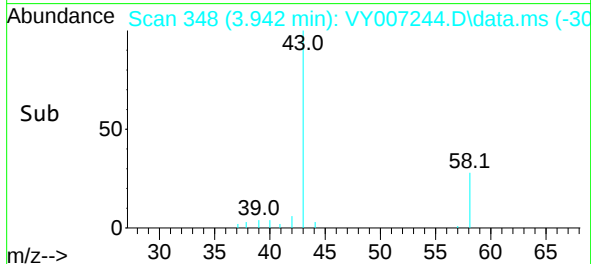
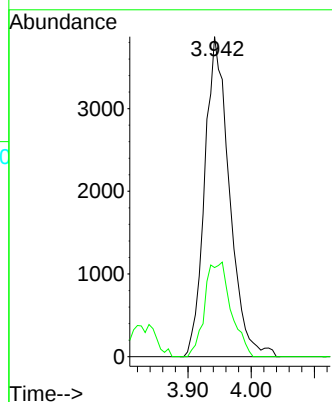
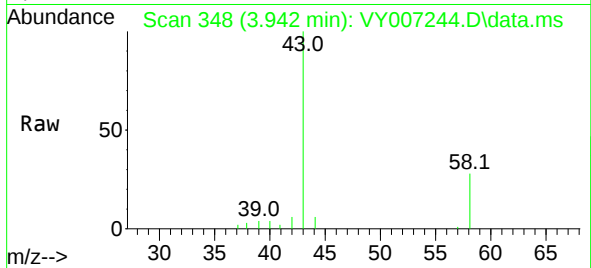




#16
Acetone
Concen: 37.914 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY007244.D
Acq: 20 Jan 2022 16:25

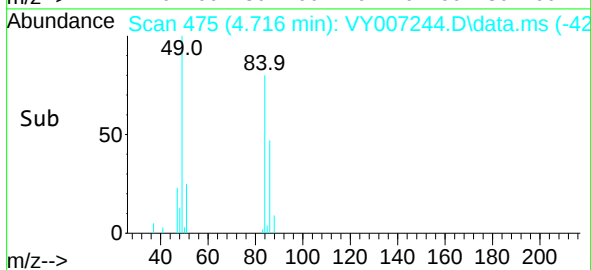
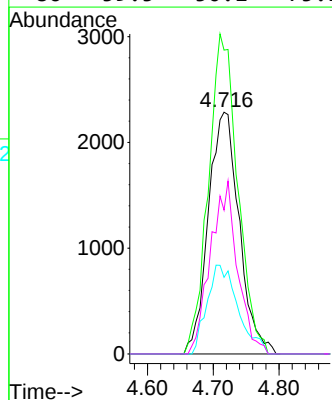
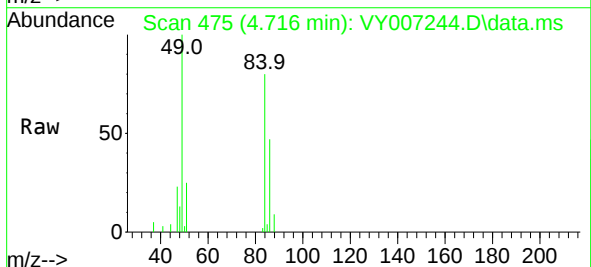
Instrument :
MSVOA_Y
ClientSampleId :
31460

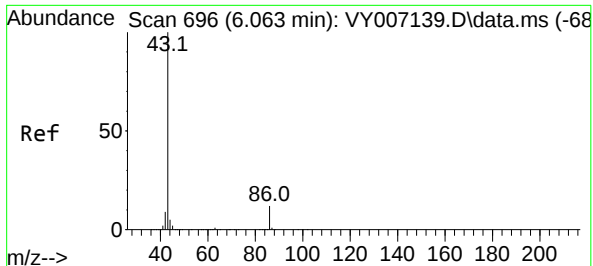
Tgt Ion: 43 Resp: 10512
Ion Ratio Lower Upper
43 100
58 27.9 23.8 35.6



#20
Methylene Chloride
Concen: 6.516 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY007244.D
Acq: 20 Jan 2022 16:25

Tgt Ion: 84 Resp: 7470
Ion Ratio Lower Upper
84 100
49 125.7 92.6 139.0
51 31.7 28.6 42.8
86 59.5 50.1 75.1

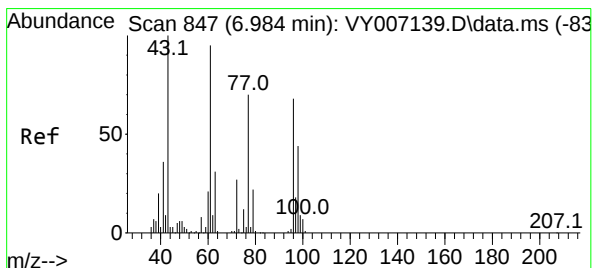
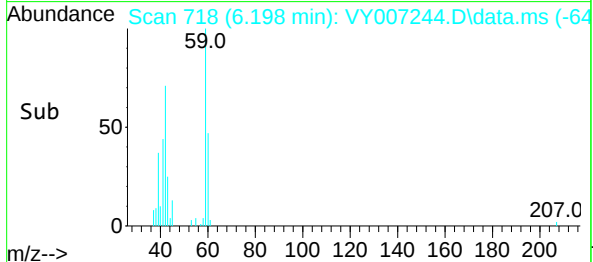
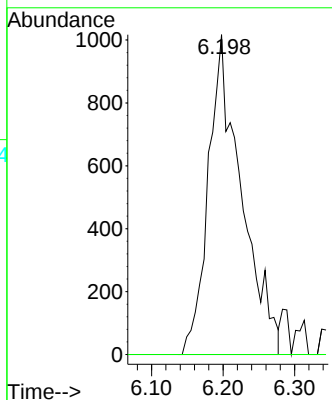
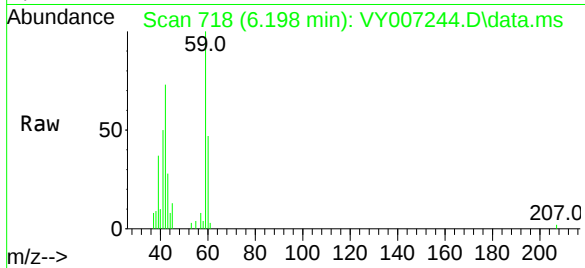




#23
 Vinyl Acetate
 Concen: 1.733 ug/l
 RT: 6.198 min Scan# 718
 Delta R.T. 0.135 min
 Lab File: VY007244.D
 Acq: 20 Jan 2022 16:25

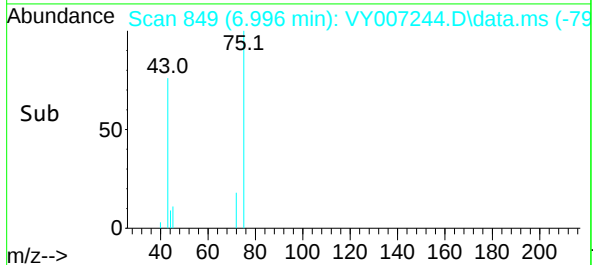
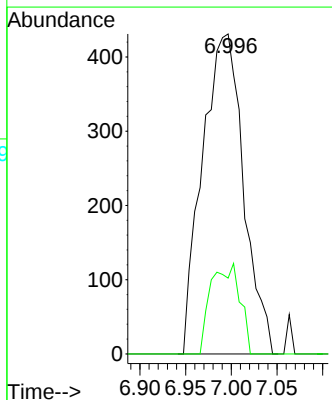
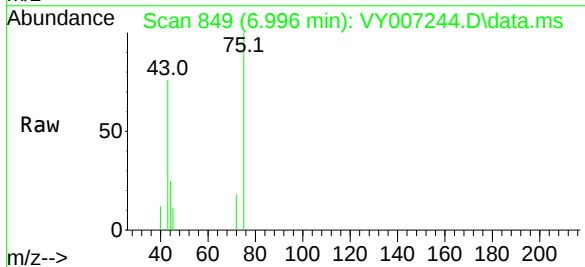
Instrument :
 MSVOA_Y
 ClientSampleId :
 31460

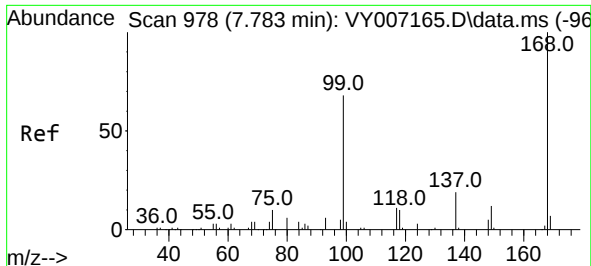
Tgt Ion: 43 Resp: 3262
 Ion Ratio Lower Upper
 43 100
 86 0.0 9.0 13.6#



#25
 2-Butanone
 Concen: 3.766 ug/l
 RT: 6.996 min Scan# 849
 Delta R.T. 0.013 min
 Lab File: VY007244.D
 Acq: 20 Jan 2022 16:25

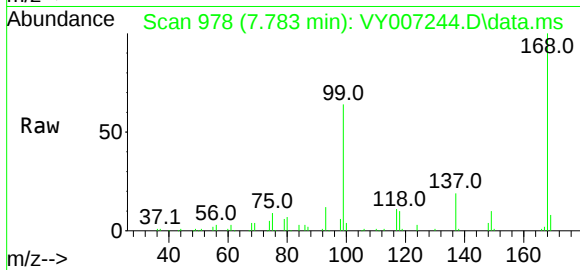
Tgt Ion: 43 Resp: 1350
 Ion Ratio Lower Upper
 43 100
 72 23.7 21.9 32.9



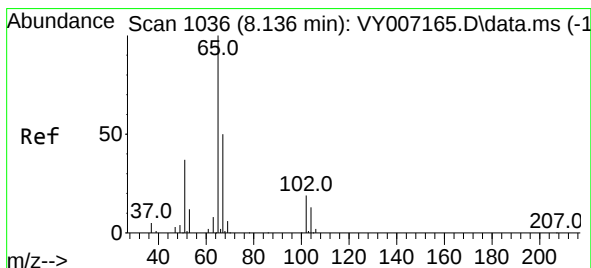
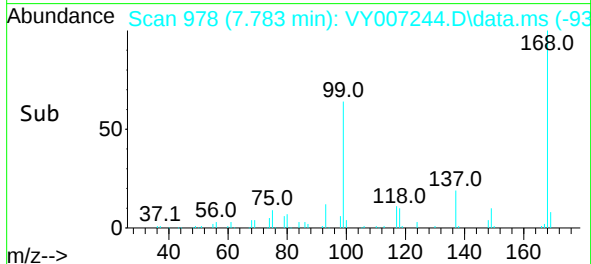
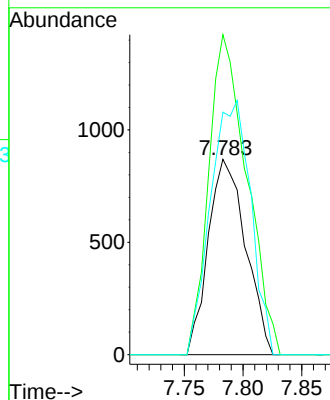


#31
Cyclohexane
Concen: 1.065 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007244.D
Acq: 20 Jan 2022 16:25

Instrument :
MSVOA_Y
ClientSampleId :
31460

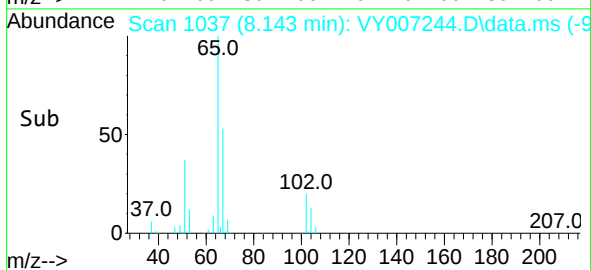
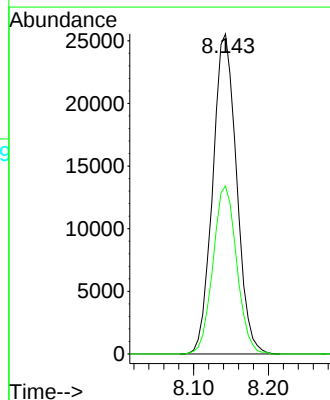
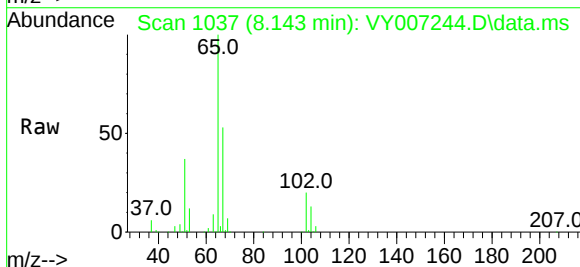


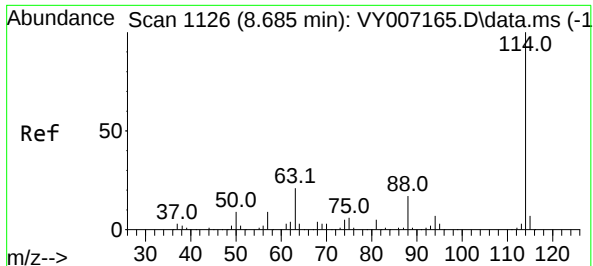
Tgt Ion: 56 Resp: 1924
Ion Ratio Lower Upper
56 100
69 163.9 27.2 40.8#
84 124.2 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 53.014 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007244.D
Acq: 20 Jan 2022 16:25

Tgt Ion: 65 Resp: 56636
Ion Ratio Lower Upper
65 100
67 52.3 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: VY007244.D

Acq: 20 Jan 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

31460

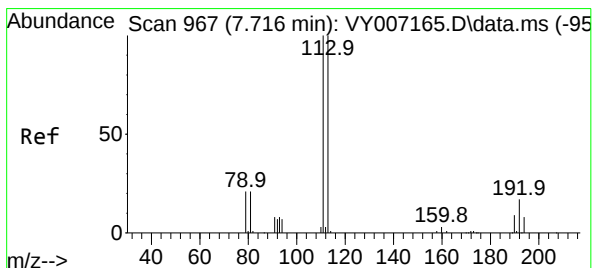
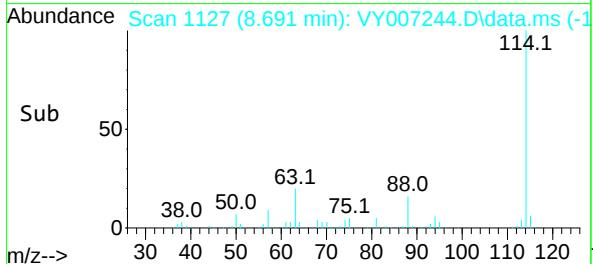
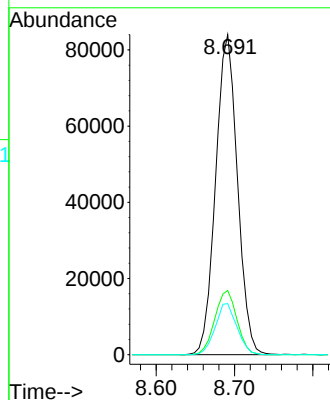
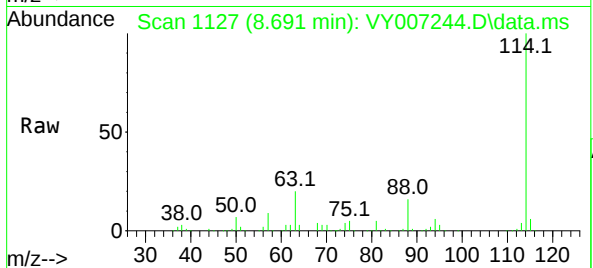
Tgt Ion:114 Resp: 162499

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 16.0 0.0 31.0



#35

Dibromofluoromethane

Concen: 49.969 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007244.D

Acq: 20 Jan 2022 16:25

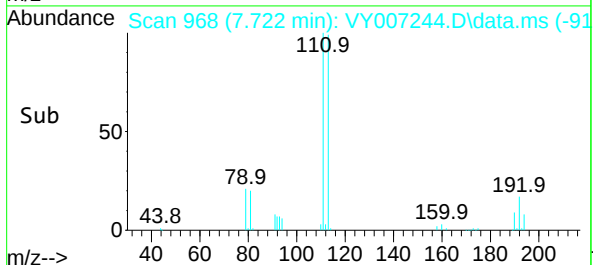
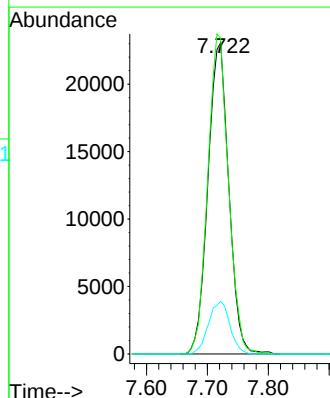
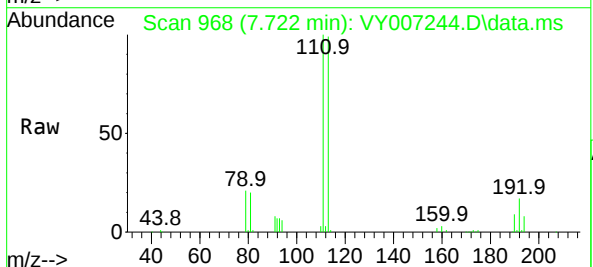
Tgt Ion:113 Resp: 54906

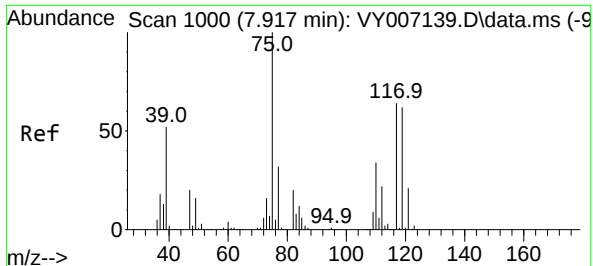
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.4

192 17.3 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.265 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY007244.D

Acq: 20 Jan 2022 16:25

Instrument :

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31460

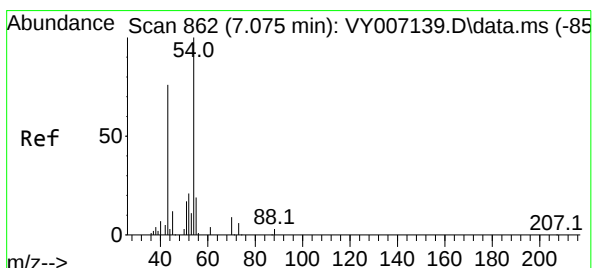
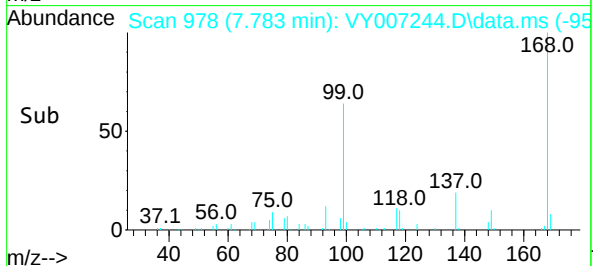
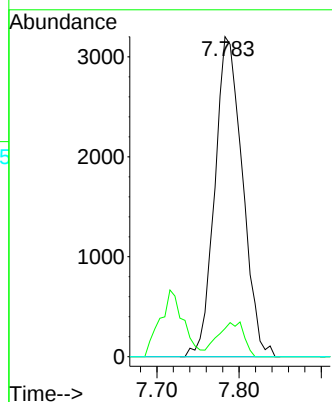
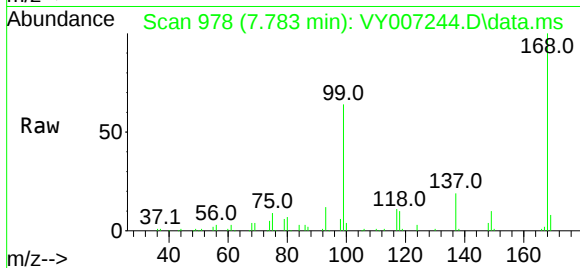
Tgt Ion: 75 Resp: 7485

Ion Ratio Lower Upper

75 100

110 10.1 17.3 51.9#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 1.499 ug/l

RT: 6.996 min Scan# 849

Delta R.T. -0.079 min

Lab File: VY007244.D

Acq: 20 Jan 2022 16:25

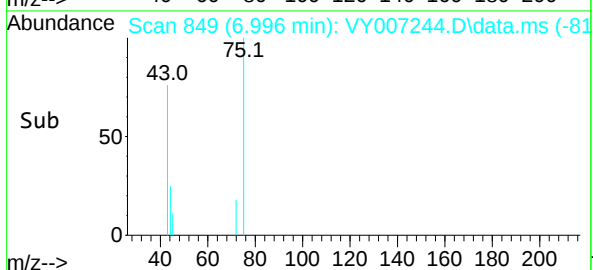
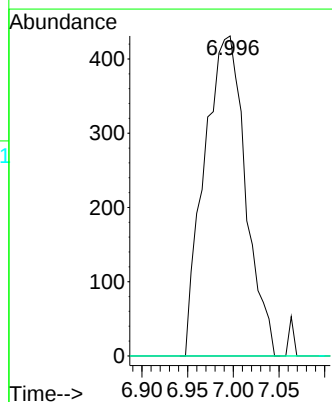
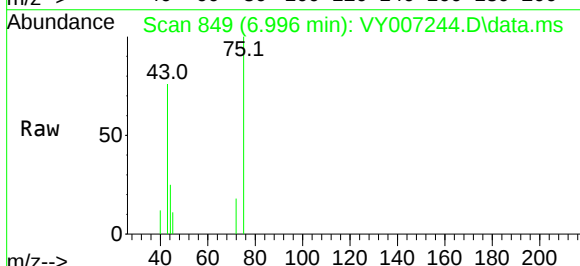
Tgt Ion: 43 Resp: 1350

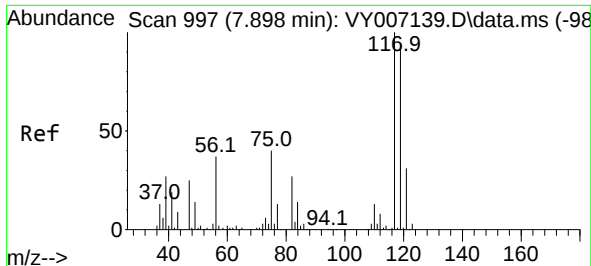
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.8#

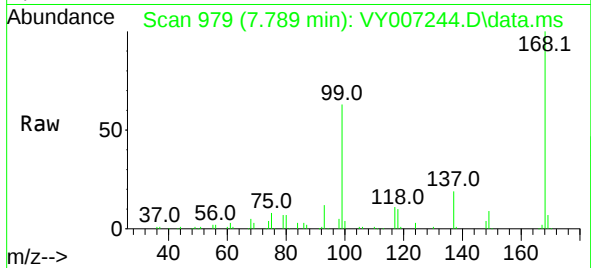
70 0.0 9.0 13.4#



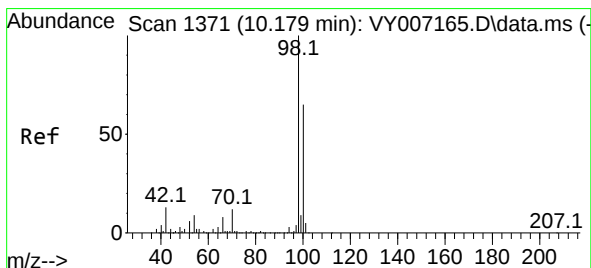
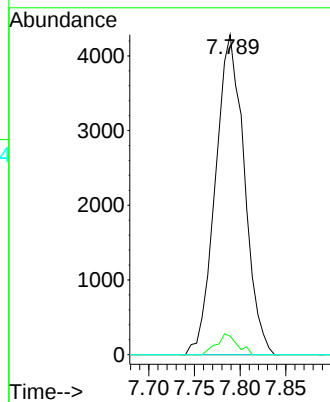
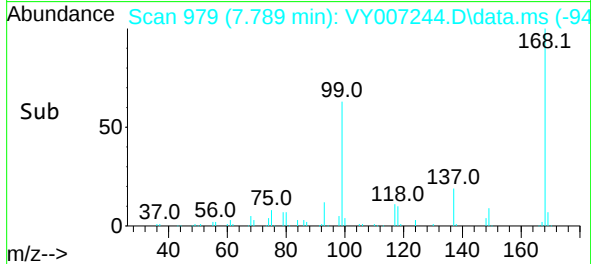


#38
Carbon Tetrachloride
Concen: 5.095 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY007244.D
Acq: 20 Jan 2022 16:25

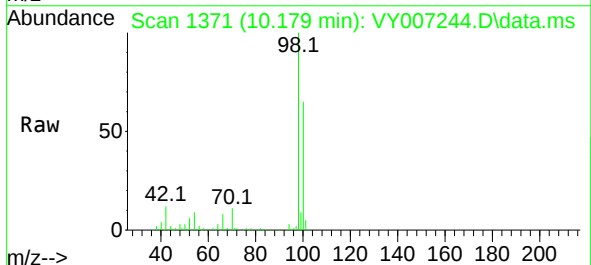
Instrument :
MSVOA_Y
ClientSampleId :
31460



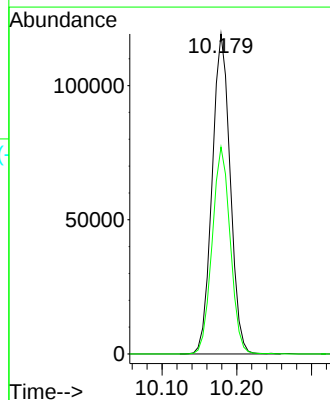
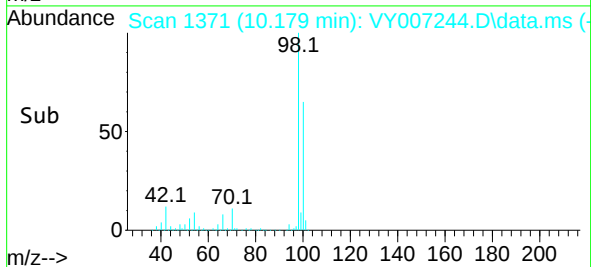
Tgt Ion:117 Resp: 9404
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 24.2 36.2#

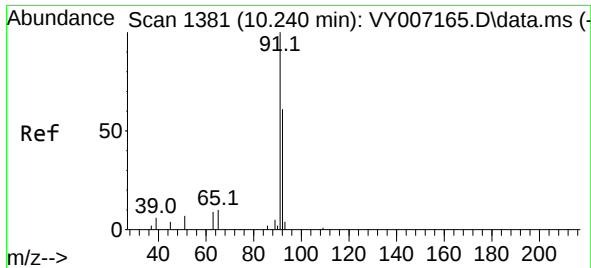


#50
Toluene-d8
Concen: 49.953 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007244.D
Acq: 20 Jan 2022 16:25



Tgt Ion: 98 Resp: 200558
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2

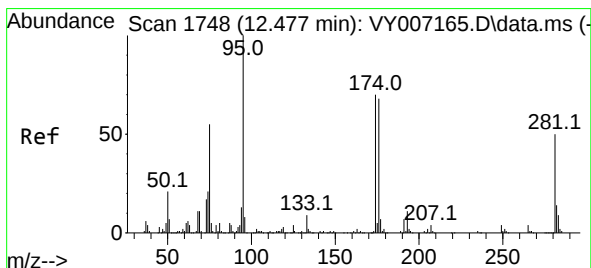
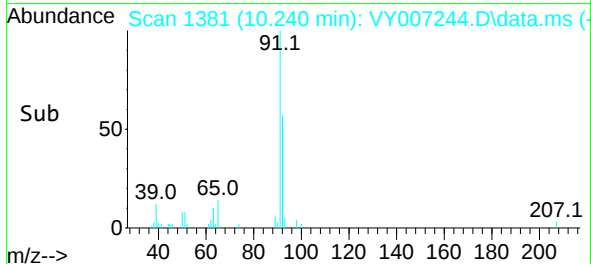
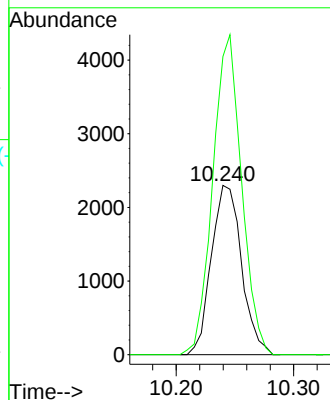
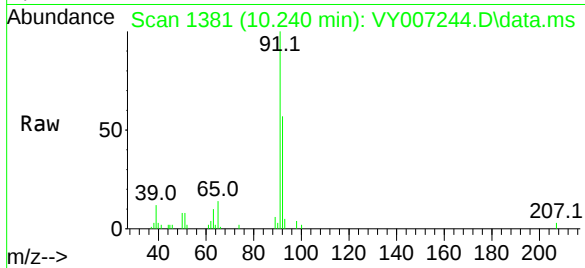




#52
Toluene
Concen: 1.383 ug/l
RT: 10.240 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007244.D
Acq: 20 Jan 2022 16:25

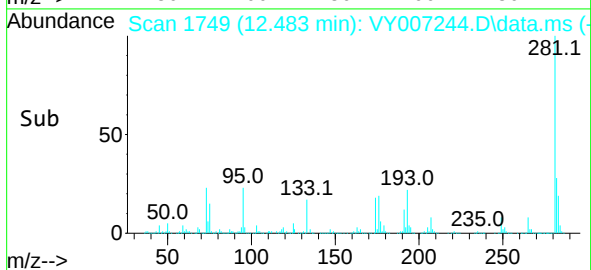
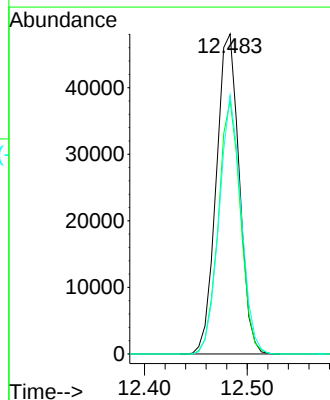
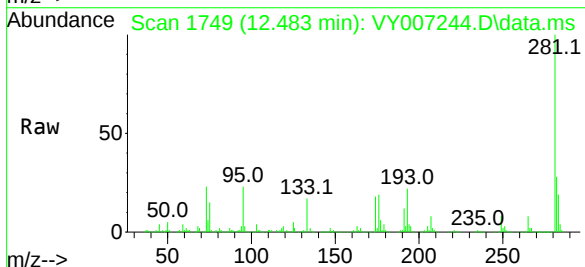
Instrument :
MSVOA_Y
ClientSampleId :
31460

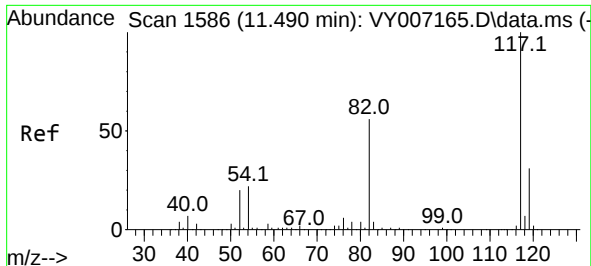
Tgt Ion: 92 Resp: 4105
Ion Ratio Lower Upper
92 100
91 180.1 138.6 207.8



#62
4-Bromofluorobenzene
Concen: 52.195 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007244.D
Acq: 20 Jan 2022 16:25

Tgt Ion: 95 Resp: 74544
Ion Ratio Lower Upper
95 100
174 76.2 0.0 148.4
176 77.5 0.0 146.6

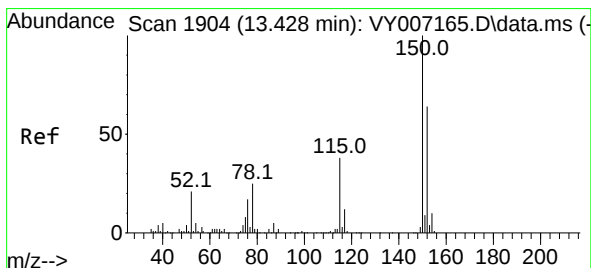
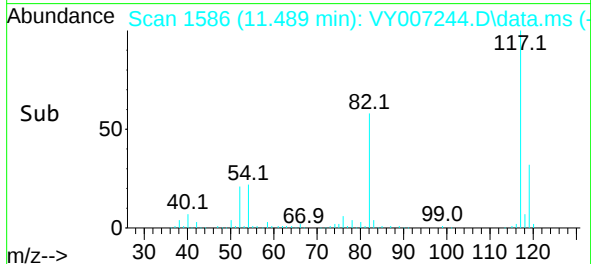
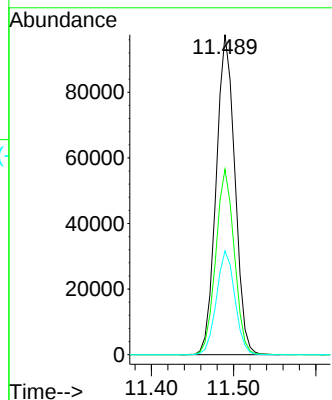
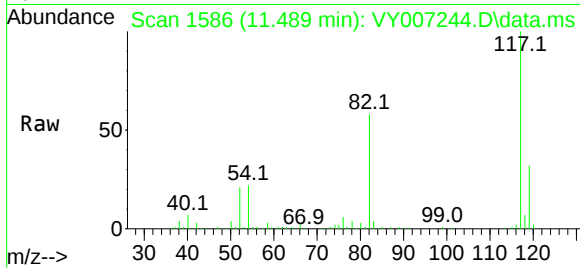




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY007244.D
Acq: 20 Jan 2022 16:25

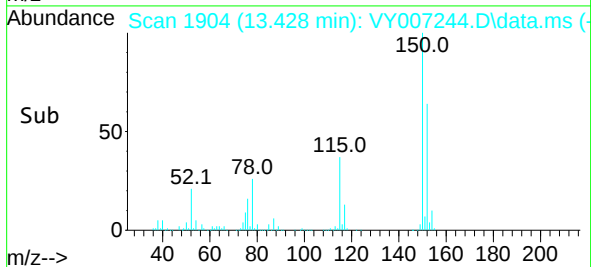
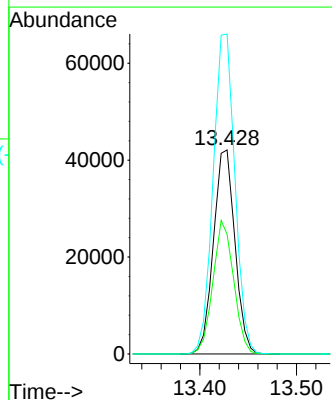
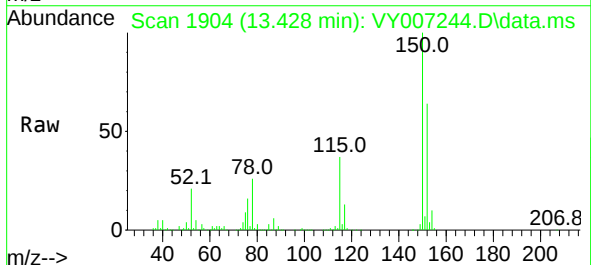
Instrument :
MSVOA_Y
ClientSampleId :
31460

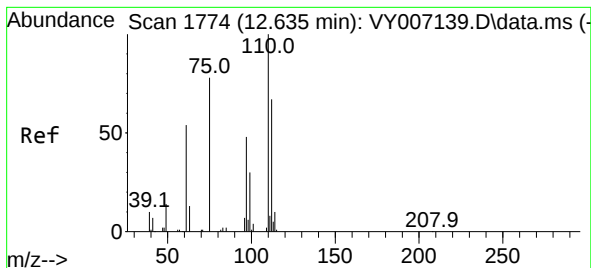
Tgt Ion:117 Resp: 154200
Ion Ratio Lower Upper
117 100
82 57.9 45.4 68.0
119 32.4 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007244.D
Acq: 20 Jan 2022 16:25

Tgt Ion:152 Resp: 64947
Ion Ratio Lower Upper
152 100
115 63.0 31.4 94.0
150 159.0 0.0 348.4





#76

1,2,3-Trichloropropane

Concen: 67.273 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007244.D

Acq: 20 Jan 2022 16:25

Instrument :

MSVOA_Y

ClientSampleId :

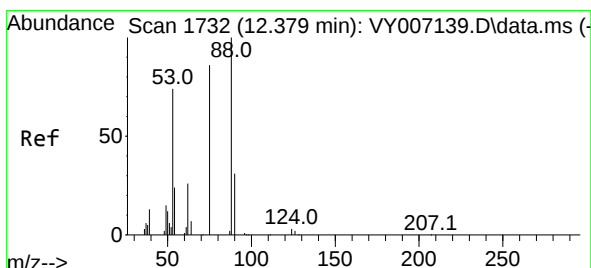
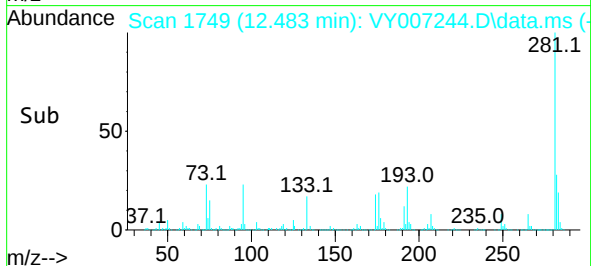
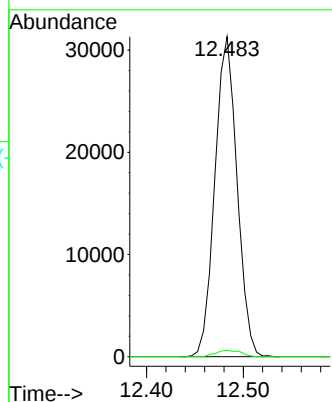
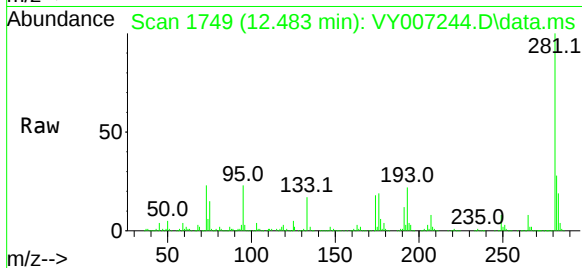
31460

Tgt Ion: 75 Resp: 49820

Ion Ratio Lower Upper

75 100

77 2.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 123.158 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY007244.D

Acq: 20 Jan 2022 16:25

Tgt Ion: 75 Resp: 49820

Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 6.9 0.0 0.0#

