

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012522\
 Data File : VY007289.D
 Acq On : 25 Jan 2022 13:09
 Operator : SY/MD
 Sample : N1245-01RE
 Misc : 5.34g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jan 26 03:57:04 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)

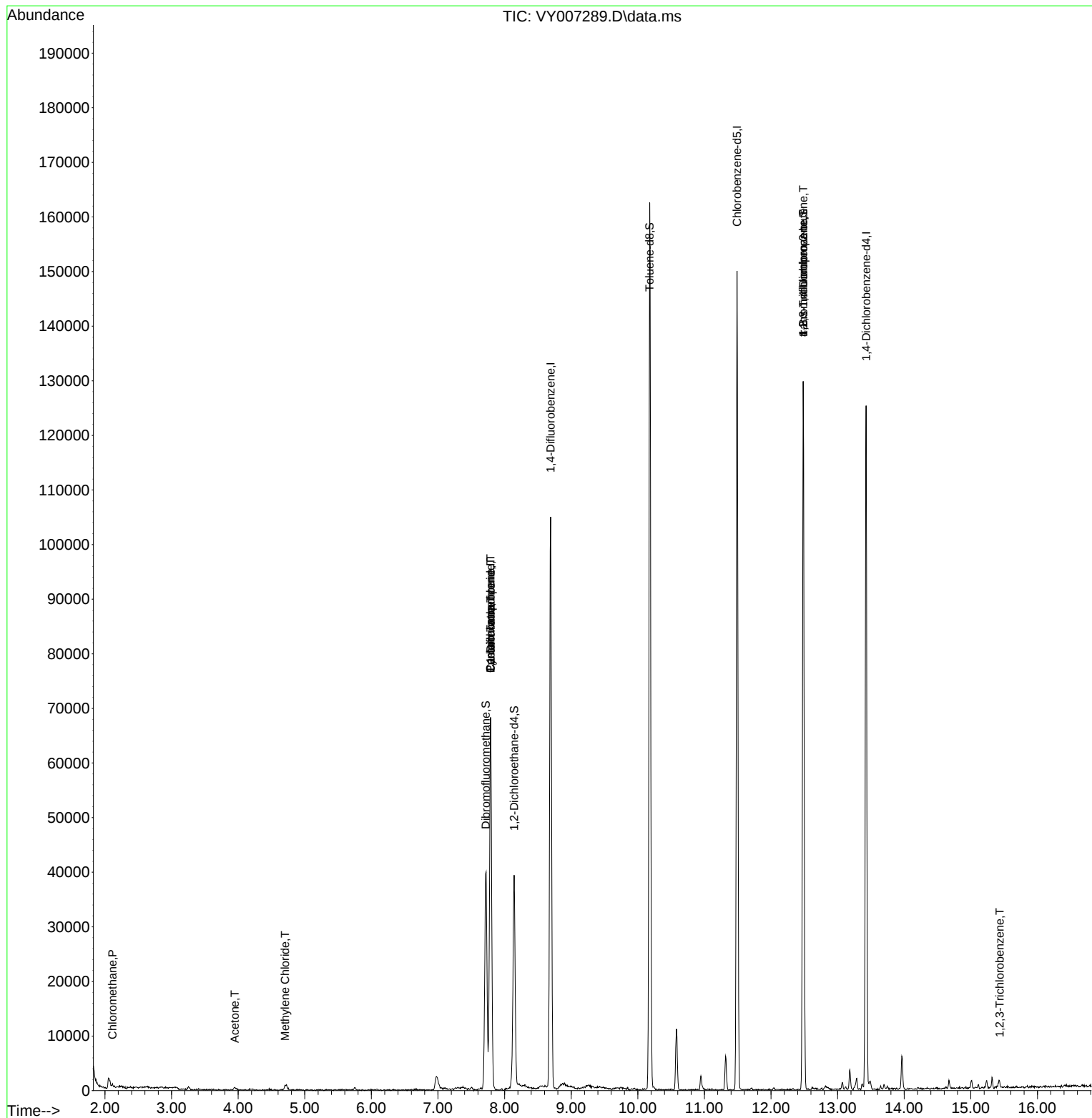
Internal Standards						
1) Pentafluorobenzene	7.789	168	48671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	88253	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	77986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	30372	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	28893	48.381	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.760%
35) Dibromofluoromethane	7.716	113	28330	47.473	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.940%
50) Toluene-d8	10.179	98	106543	48.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.720%
62) 4-Bromofluorobenzene	12.483	95	34093	43.955	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	87.900%
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	503	1.405	ug/l	95
11) Tert butyl alcohol	4.954	59	42	Below Cal	#	73
16) Acetone	3.948	43	1000	6.452	ug/l #	84
20) Methylene Chloride	4.704	84	757	1.181	ug/l #	81
31) Cyclohexane	7.789	56	1211	1.199	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	4347	4.561	ug/l #	50
38) Carbon Tetrachloride	7.789	117	5396	5.383	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	18432	53.222	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	18432	97.435	ug/l #	3
96) 1,2,3-Trichlorobenzene	15.434	180	526	1.020	ug/l	93

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

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MSVOA_Y
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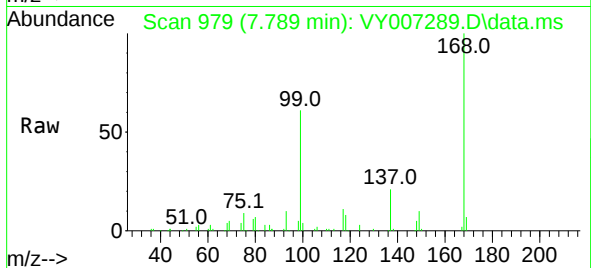
Quant Time: Jan 26 03:57:04 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration



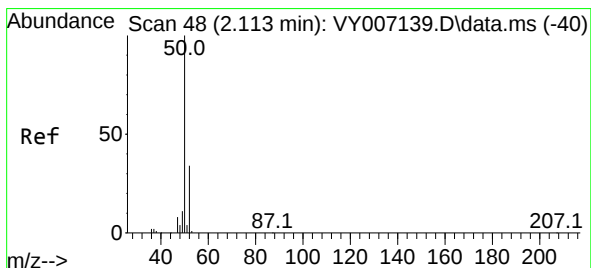
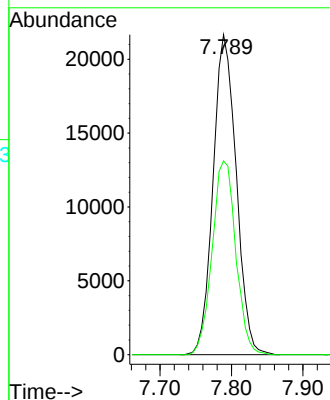
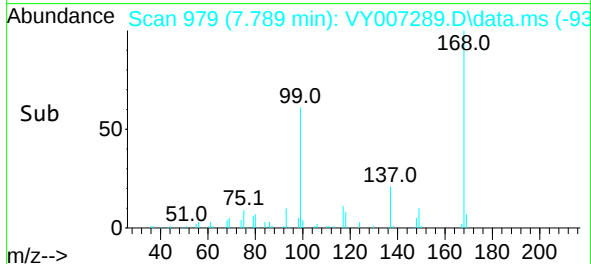


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

Instrument :
MSVOA_Y
ClientSampleId :

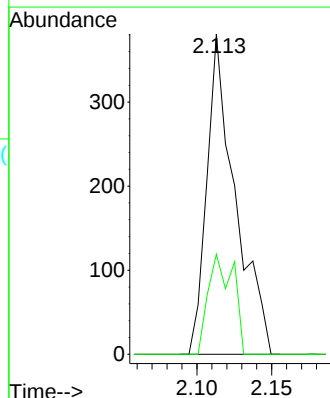
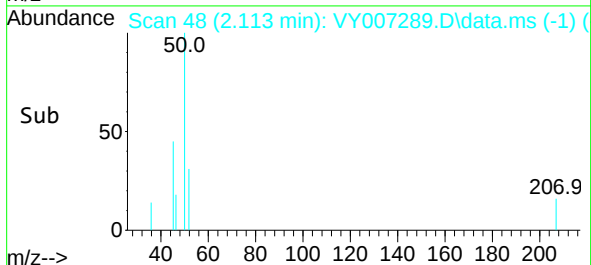
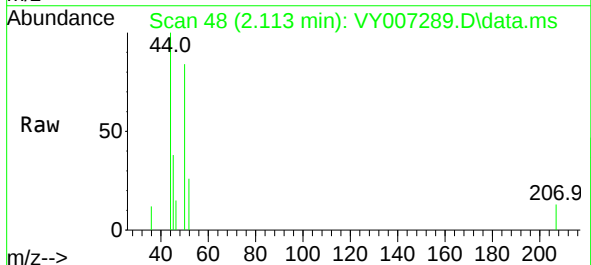


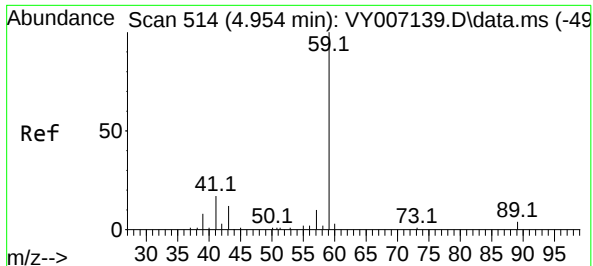
Tgt Ion:168 Resp: 48671
Ion Ratio Lower Upper
168 100
99 60.5 49.1 73.7



#3
Chloromethane
Concen: 1.405 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

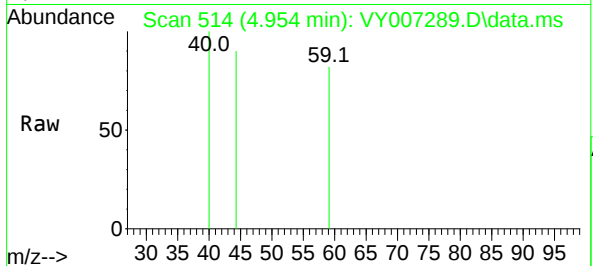
Tgt Ion: 50 Resp: 503
Ion Ratio Lower Upper
50 100
52 31.2 27.1 40.7



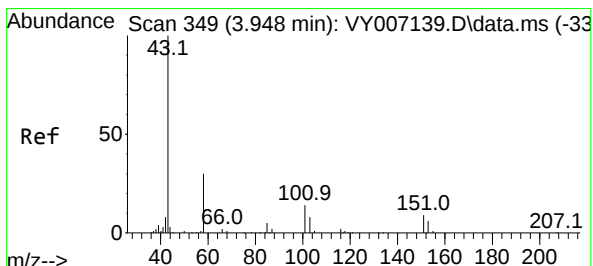
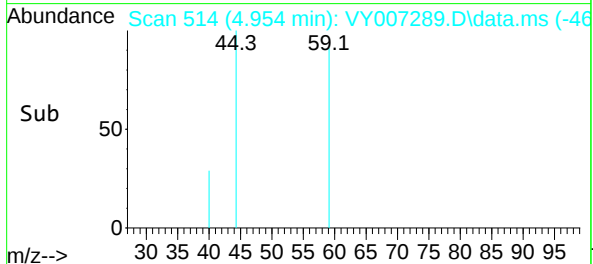
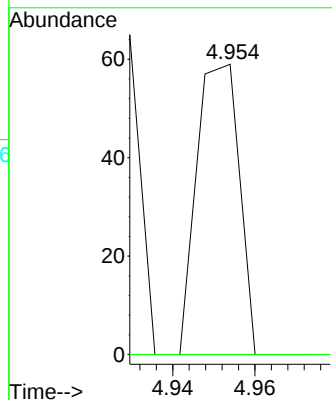


#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

Instrument :
MSVOA_Y
ClientSampleId :

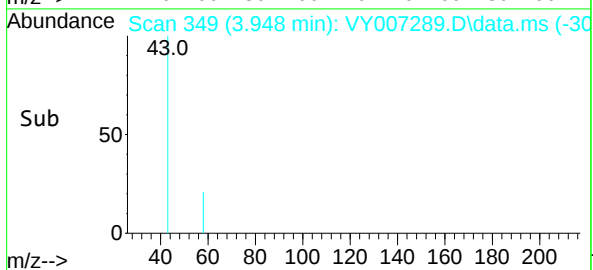
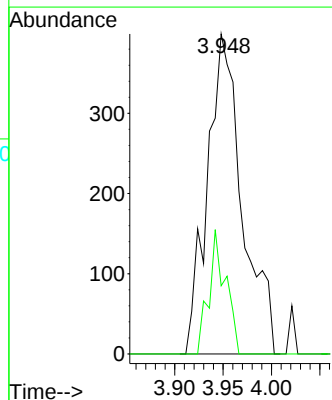
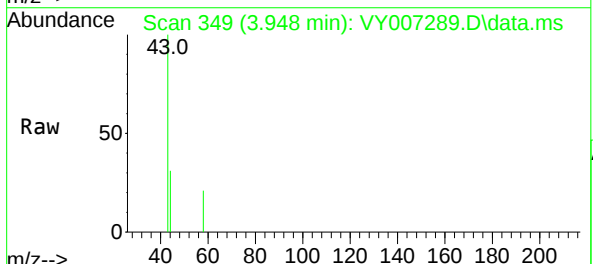


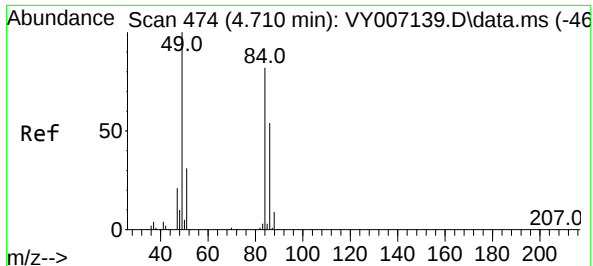
Tgt Ion: 59 Resp: 42
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 6.452 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

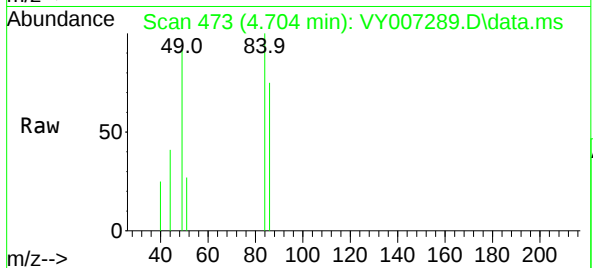
Tgt Ion: 43 Resp: 1000
Ion Ratio Lower Upper
43 100
58 21.3 23.8 35.6#



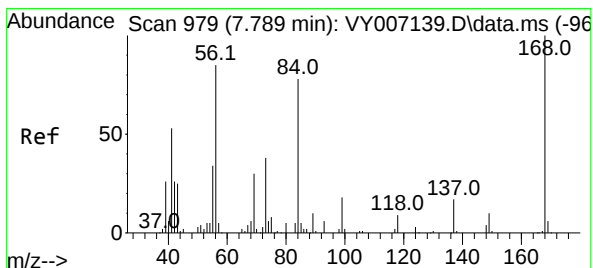
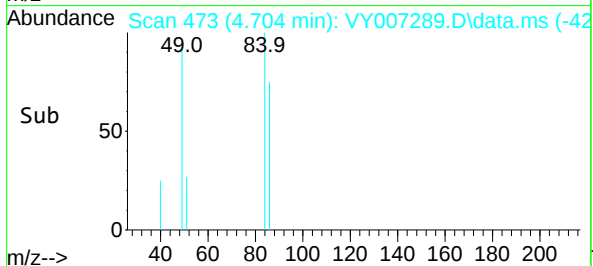
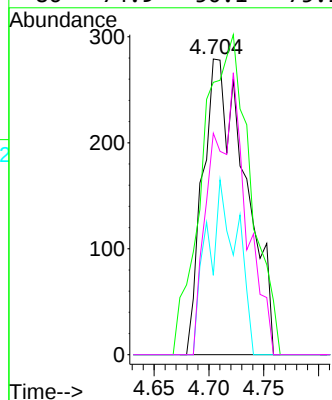


#20
Methylene Chloride
Concen: 1.181 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

Instrument :
MSVOA_Y
ClientSampleId :

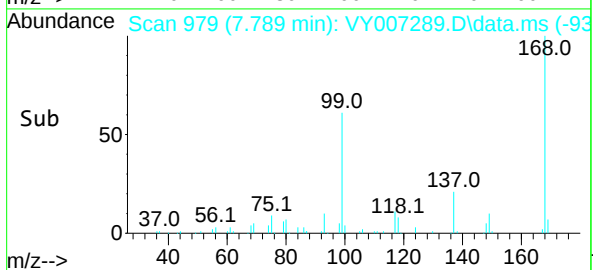
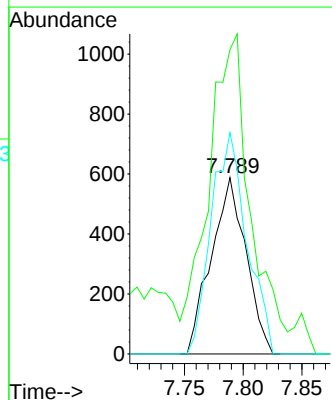
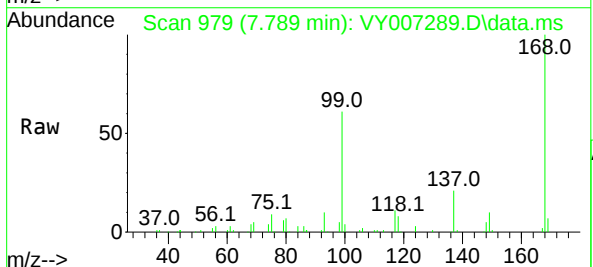


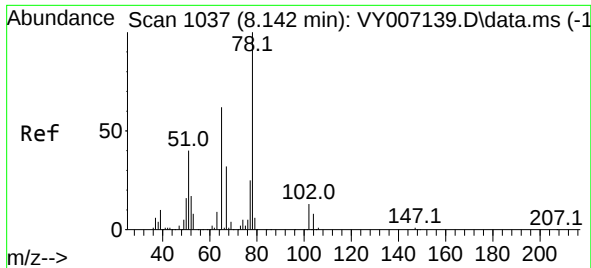
Tgt Ion: 84	Resp: 757
Ion Ratio	Lower Upper
84 100	
49 92.1	92.6 139.0#
51 26.9	28.6 42.8#
86 74.9	50.1 75.1



#31
Cyclohexane
Concen: 1.199 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

Tgt Ion: 56	Resp: 1211
Ion Ratio	Lower Upper
56 100	
69 154.1	27.2 40.8#
84 125.5	72.1 108.1#

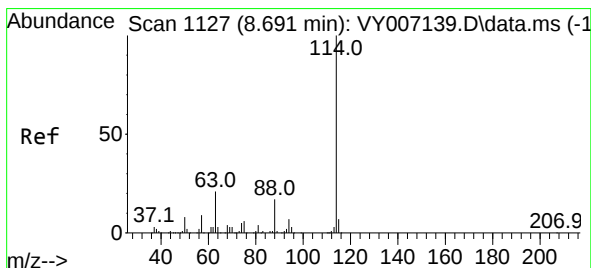
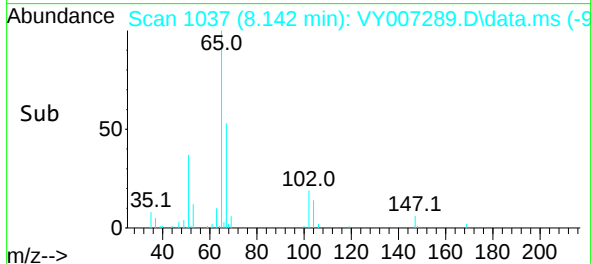
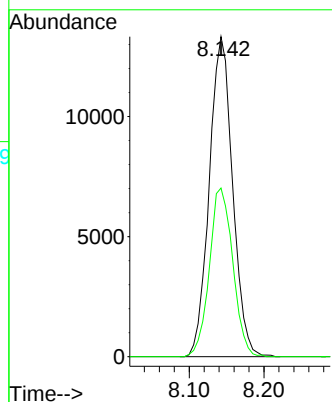
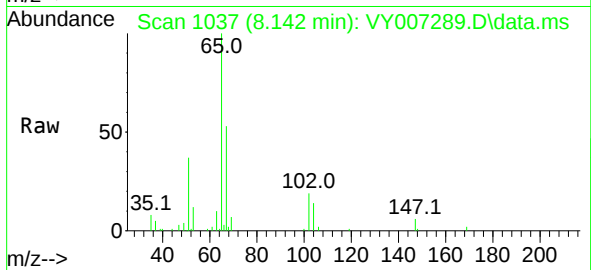




#33
 1,2-Dichloroethane-d4
 Concen: 48.381 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007289.D
 Acq: 25 Jan 2022 13:09

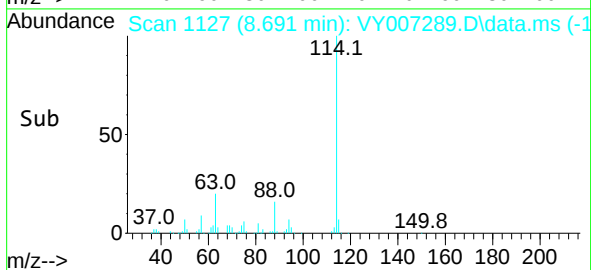
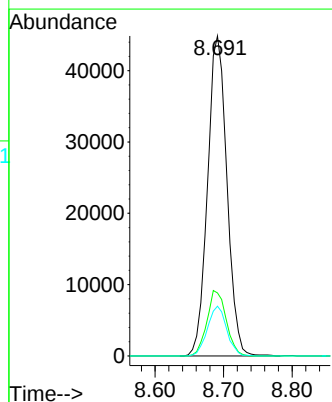
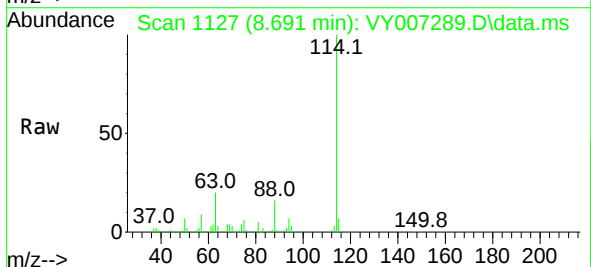
Instrument :
 MSVOA_Y
 ClientSampleId :

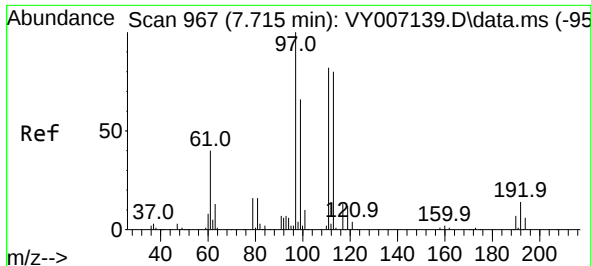
Tgt Ion: 65 Resp: 28893
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007289.D
 Acq: 25 Jan 2022 13:09

Tgt Ion: 114 Resp: 88253
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.2
 88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 47.473 ug/l

RT: 7.716 min Scan# 91

Delta R.T. 0.000 min

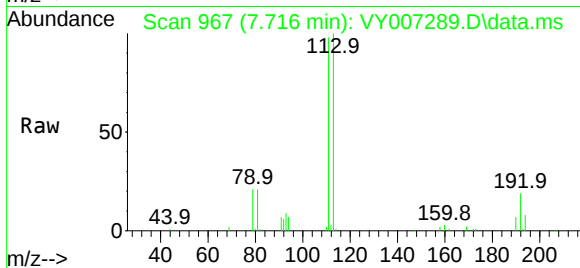
Lab File: VY007289.D

Acq: 25 Jan 2022 13:09

Instrument :

MSVOA_Y

ClientSampleId :



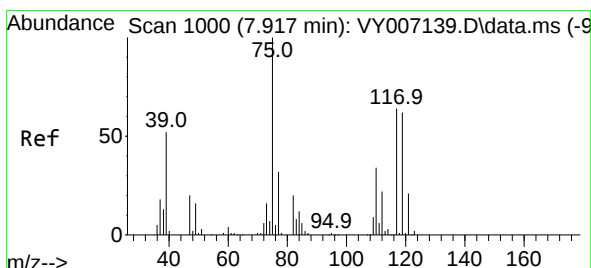
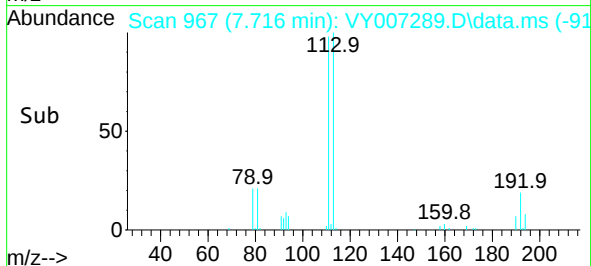
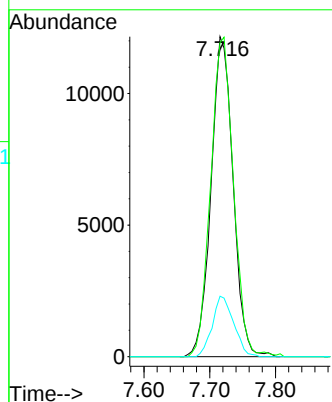
Tgt Ion:113 Resp: 28330

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 18.4 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.561 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.128 min

Lab File: VY007289.D

Acq: 25 Jan 2022 13:09

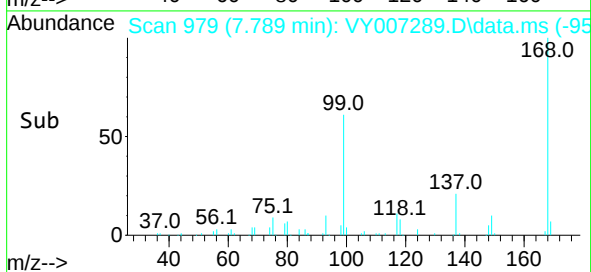
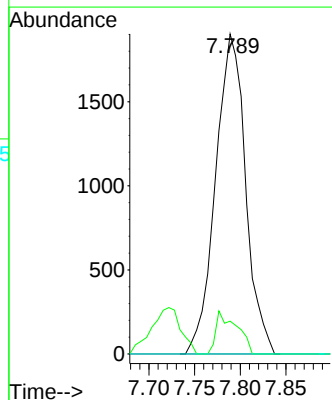
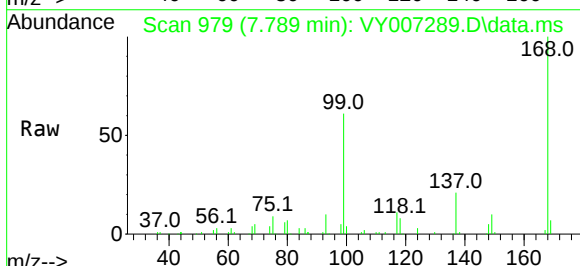
Tgt Ion: 75 Resp: 4347

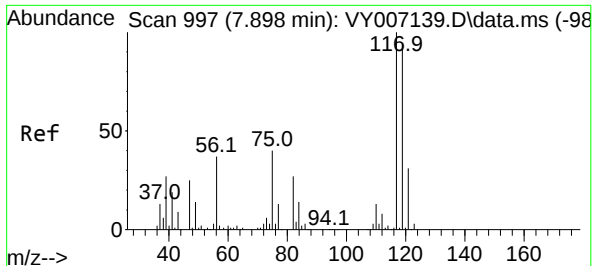
Ion Ratio Lower Upper

75 100

110 9.3 17.3 51.9#

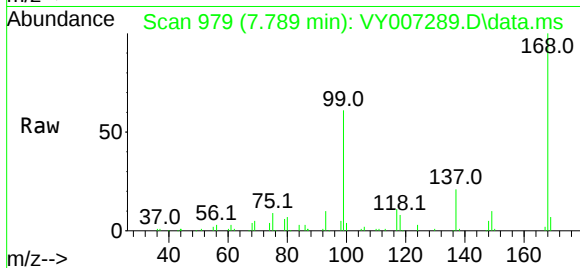
77 0.0 24.7 37.1#



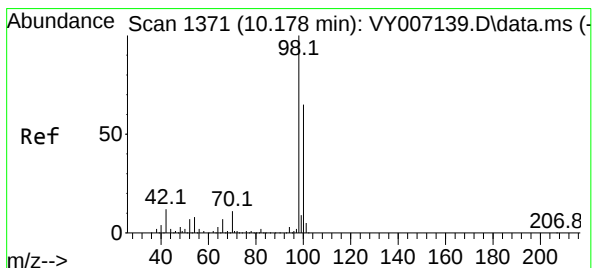
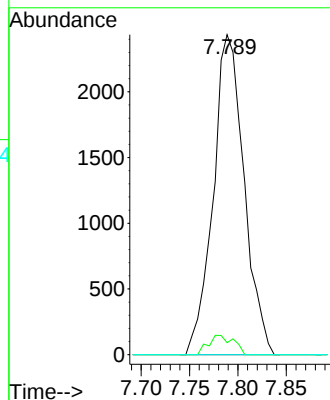
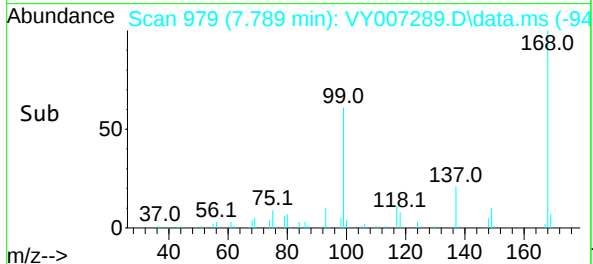


#38
Carbon Tetrachloride
Concen: 5.383 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

Instrument :
MSVOA_Y
ClientSampleId :

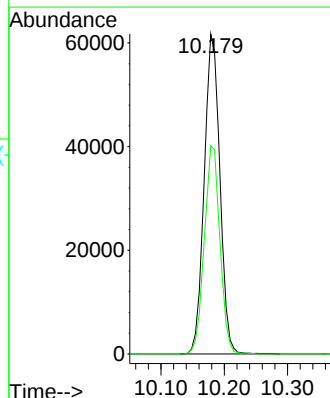
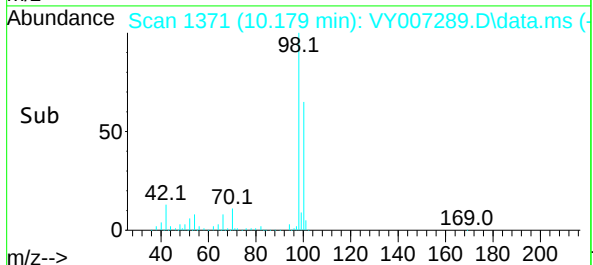
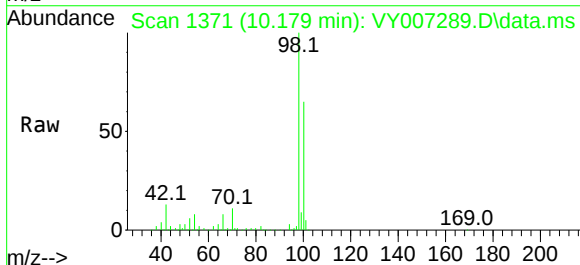


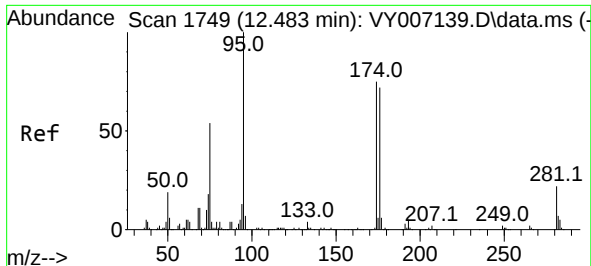
Tgt Ion:117 Resp: 5396
Ion Ratio Lower Upper
117 100
119 3.7 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 48.862 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

Tgt Ion: 98 Resp: 106543
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2

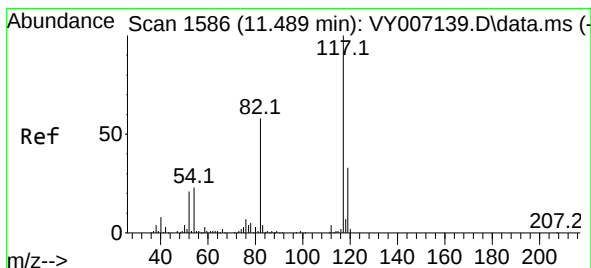
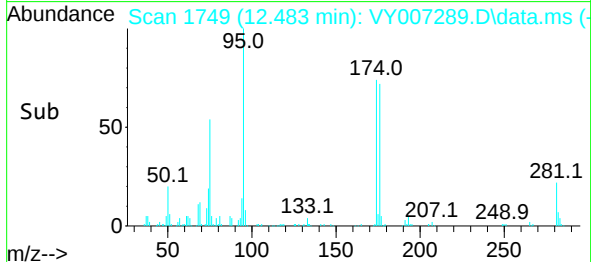
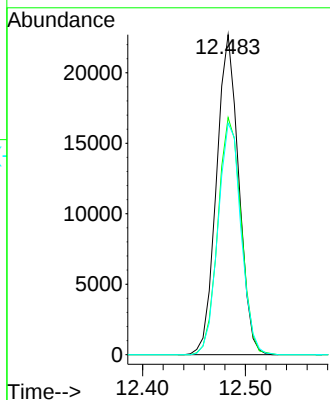
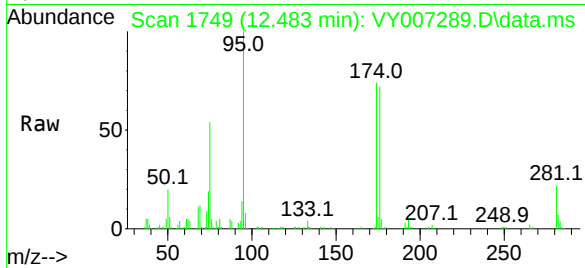




#62
4-Bromofluorobenzene
Concen: 43.955 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

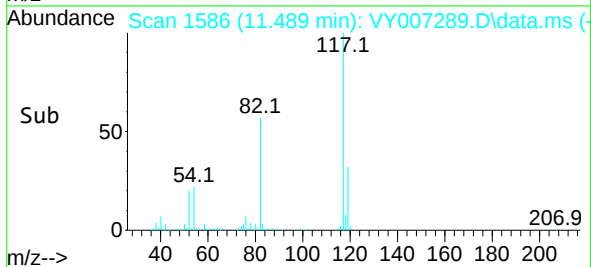
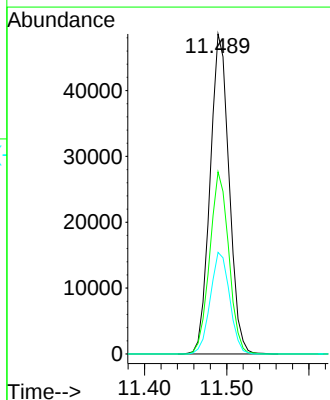
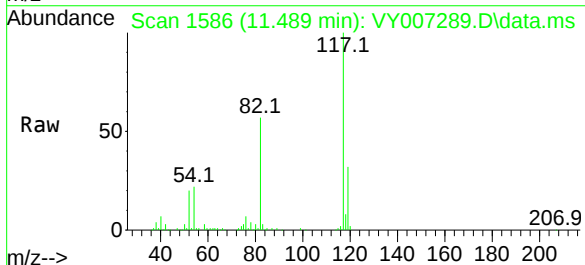
Instrument :
MSVOA_Y
ClientSampleId :

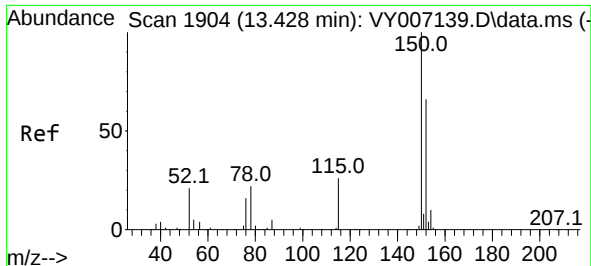
Tgt Ion: 95 Resp: 34093
Ion Ratio Lower Upper
95 100
174 77.2 0.0 148.4
176 74.9 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

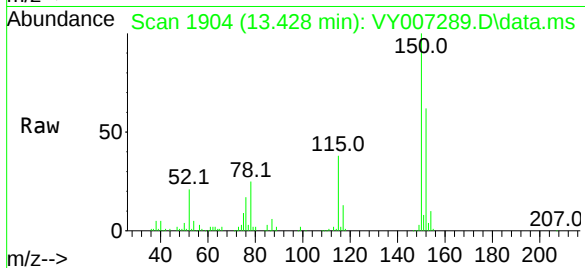
Tgt Ion: 117 Resp: 77986
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.0
119 31.7 26.4 39.6



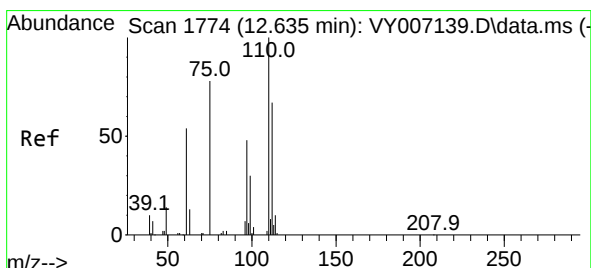
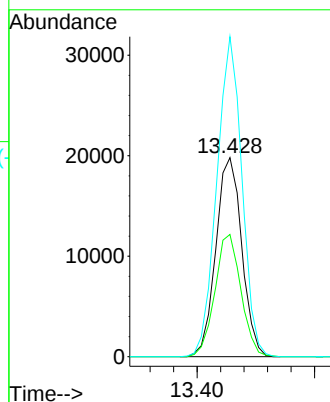
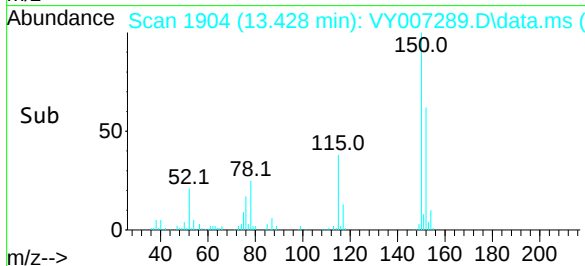


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY007289.D
 Acq: 25 Jan 2022 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :

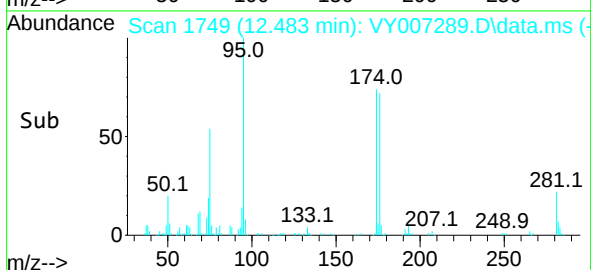
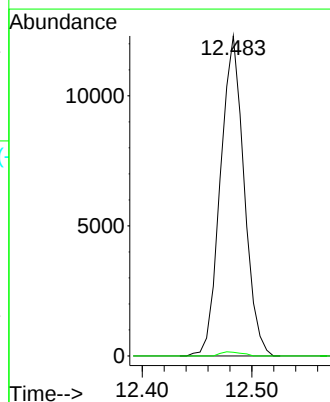
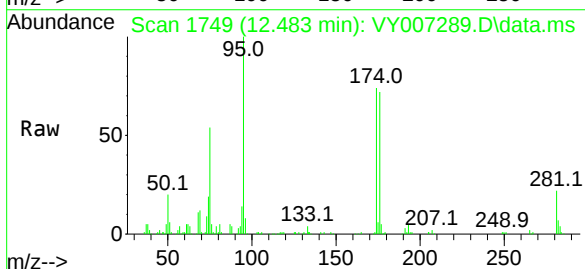


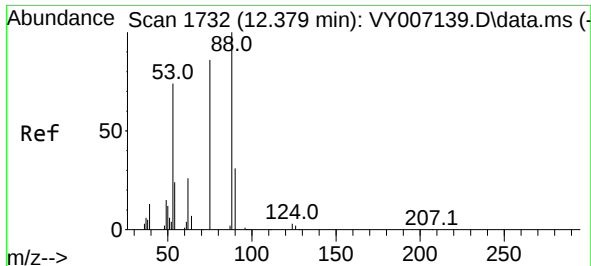
Tgt Ion:152 Resp: 30372
 Ion Ratio Lower Upper
 152 100
 115 61.7 31.4 94.0
 150 155.7 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 53.222 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY007289.D
 Acq: 25 Jan 2022 13:09

Tgt Ion: 75 Resp: 18432
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#

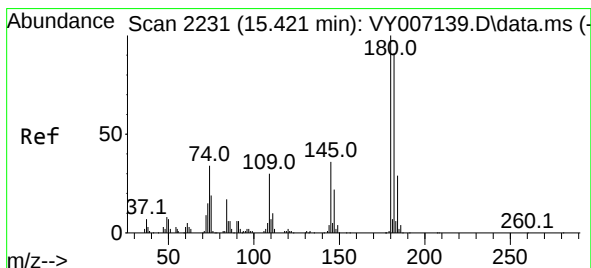
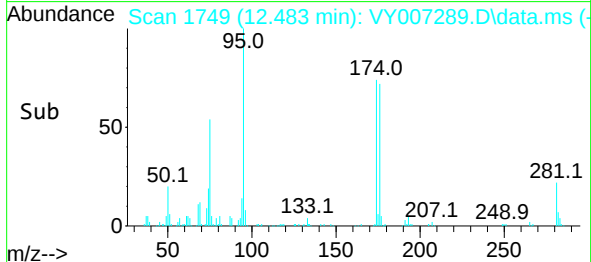
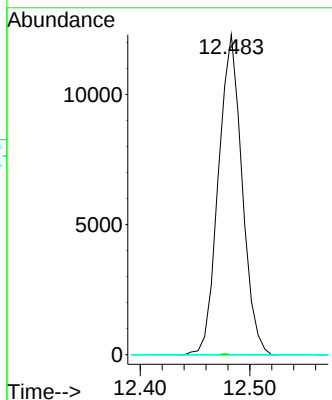
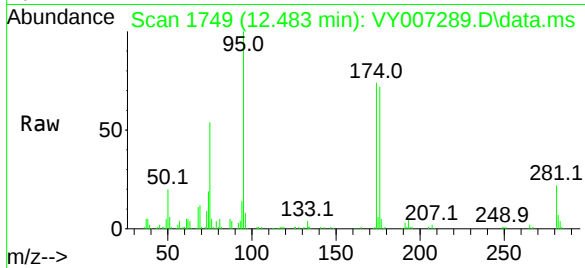




#81
trans-1,4-Dichloro-2-butene
Concen: 97.435 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 18432
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.1 0.0 0.0#



#96
1,2,3-Trichlorobenzene
Concen: 1.020 ug/l
RT: 15.434 min Scan# 2233
Delta R.T. 0.012 min
Lab File: VY007289.D
Acq: 25 Jan 2022 13:09

Tgt Ion:180 Resp: 526
Ion Ratio Lower Upper
180 100
182 88.0 47.3 141.8
145 29.8 17.2 51.5

