

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013122\
 Data File : VY007343.D
 Acq On : 31 Jan 2022 17:15
 Operator : SY/MD
 Sample : N1333-08
 Misc : 4.46g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8S

Quant Time: Feb 01 01:53:54 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)

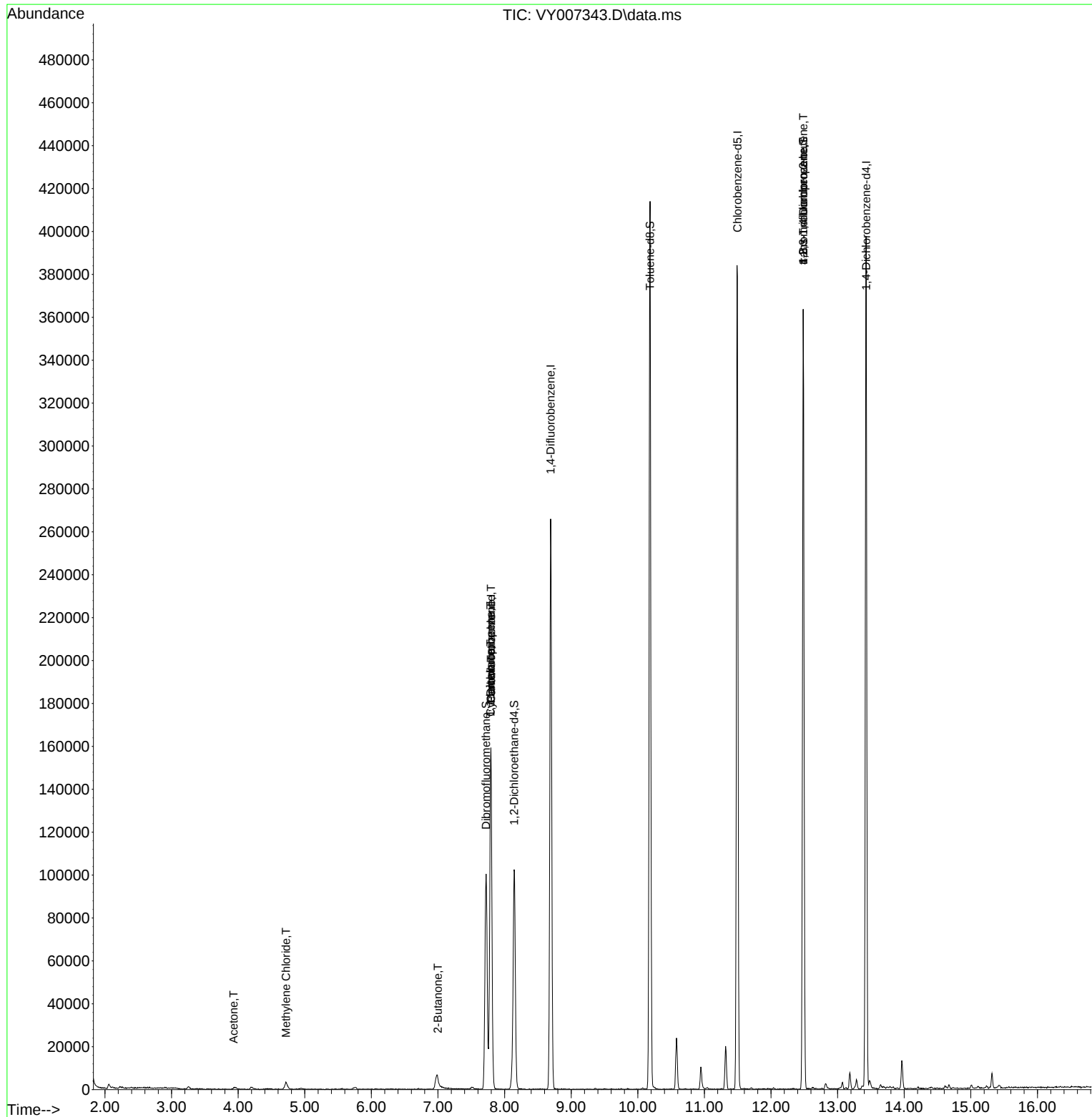
Internal Standards						
1) Pentafluorobenzene	7.795	168	115750	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	219637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	206580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	91217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	77245	54.388	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.780%	
35) Dibromofluoromethane	7.722	113	72337	48.707	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.420%	
50) Toluene-d8	10.185	98	267548	49.302	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.600%	
62) 4-Bromofluorobenzene	12.483	95	97594	50.558	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 101.120%	
Target Compounds						
11) Tert butyl alcohol	4.954	59	402	Below Cal	Qvalue #	73
16) Acetone	3.930	43	1920	5.209	ug/l #	45
20) Methylene Chloride	4.716	84	2112	1.386	ug/l #	84
25) 2-Butanone	6.996	43	615	1.291	ug/l #	47
31) Cyclohexane	7.789	56	2706	1.127	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	9936	4.189	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13150	5.271	ug/l #	14
76) 1,2,3-Trichloropropane	12.483	75	54748	52.637	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54748	96.363	ug/l #	3

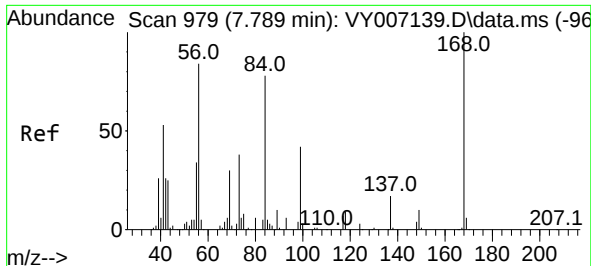
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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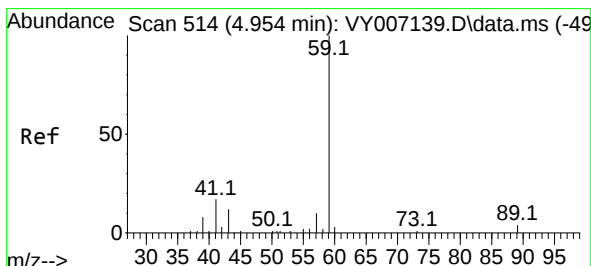
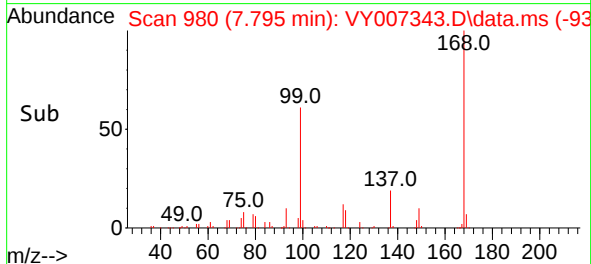
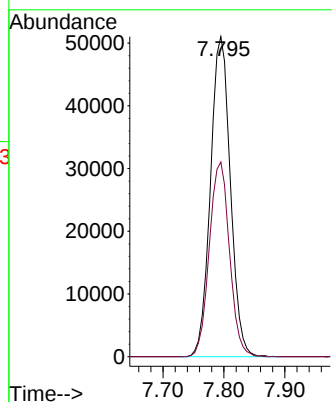
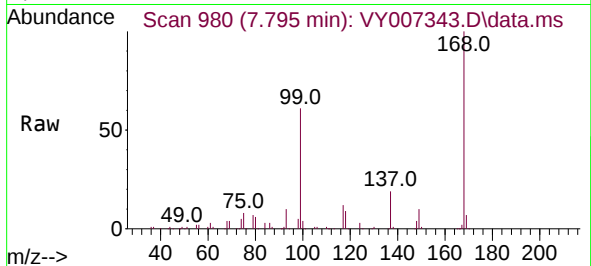




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007343.D
Acq: 31 Jan 2022 17:15

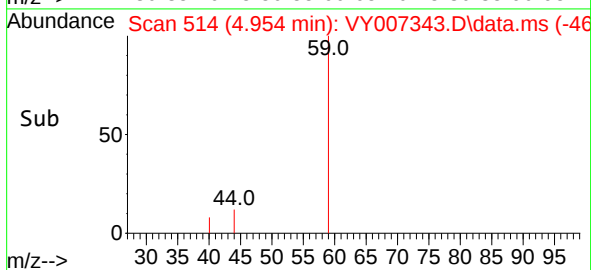
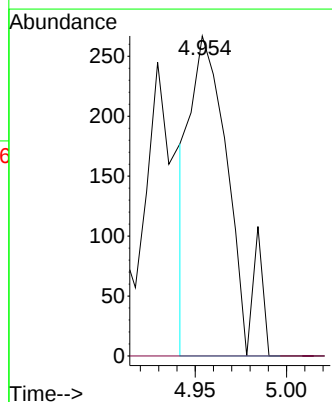
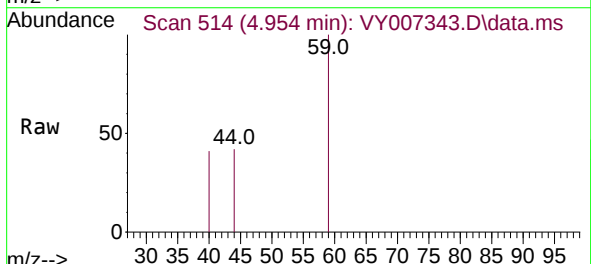
Instrument :
MSVOA_Y
ClientSampleId :
SB-8S

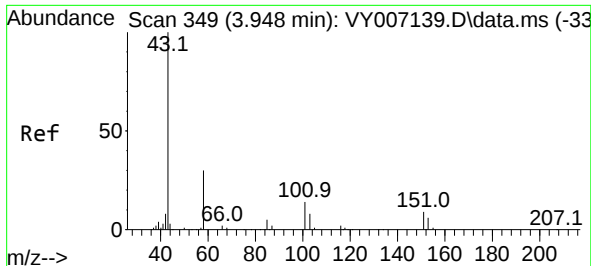
Tgt Ion:168 Resp: 115750
Ion Ratio Lower Upper
168 100
99 60.9 49.1 73.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY007343.D
Acq: 31 Jan 2022 17:15

Tgt Ion: 59 Resp: 402
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

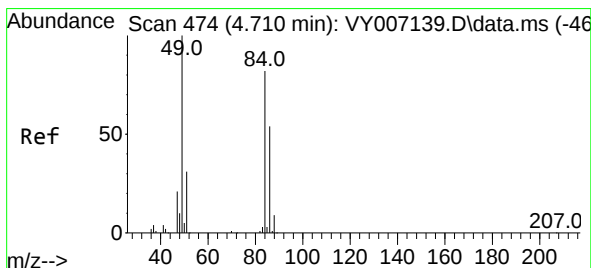
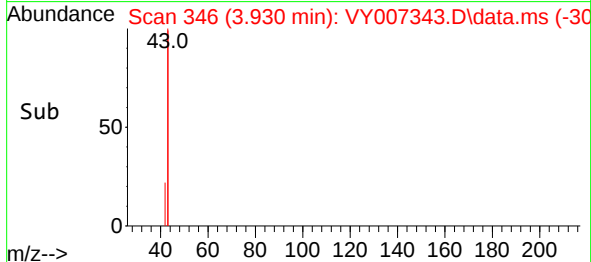
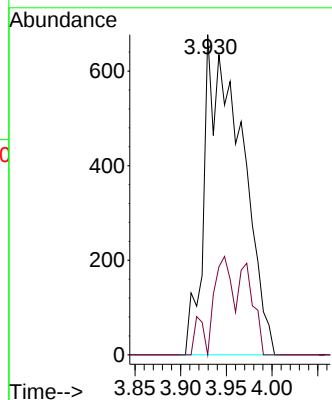
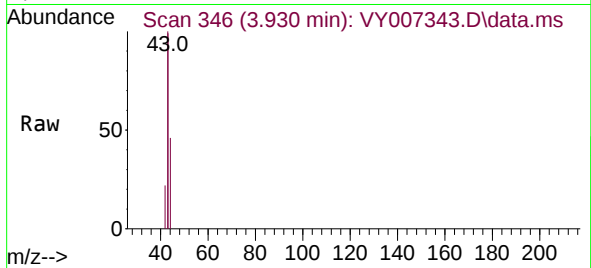




#16
Acetone
Concen: 5.209 ug/l
RT: 3.930 min Scan# 34
Delta R.T. -0.018 min
Lab File: VY007343.D
Acq: 31 Jan 2022 17:15

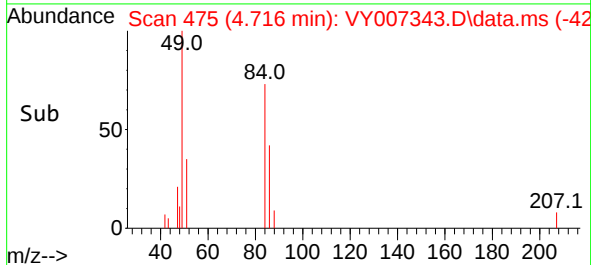
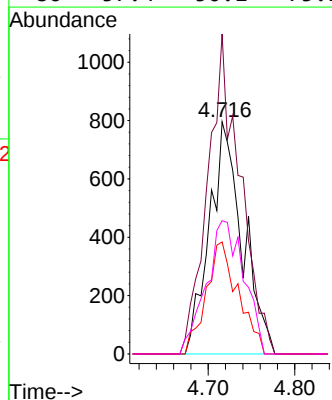
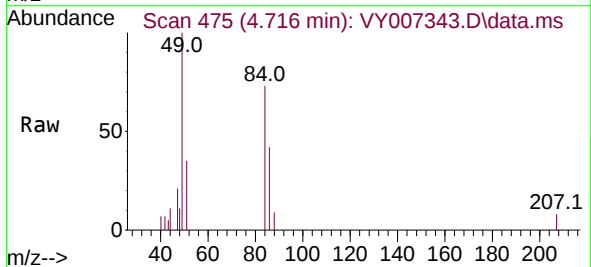
Instrument :
MSVOA_Y
ClientSampleId :
SB-8S

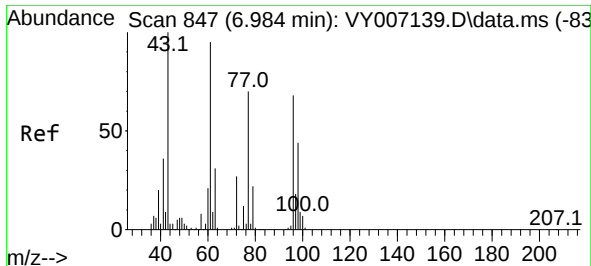
Tgt Ion: 43 Resp: 1920
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



#20
Methylene Chloride
Concen: 1.386 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY007343.D
Acq: 31 Jan 2022 17:15

Tgt Ion: 84 Resp: 2112
Ion Ratio Lower Upper
84 100
49 137.8 92.6 139.0
51 48.2 28.6 42.8#
86 57.4 50.1 75.1





#25

2-Butanone

Concen: 1.291 ug/l

RT: 6.996 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY007343.D

Acq: 31 Jan 2022 17:15

Instrument :

MSVOA_Y

ClientSampleId :

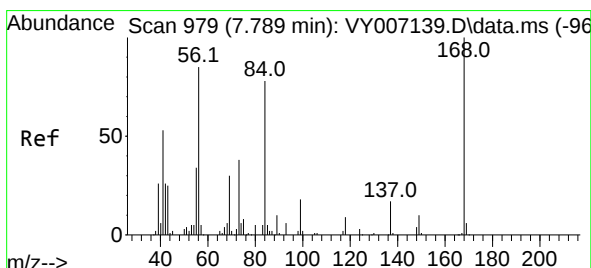
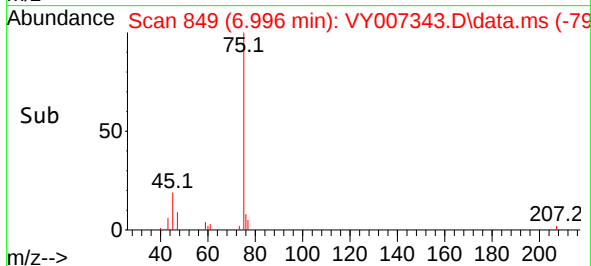
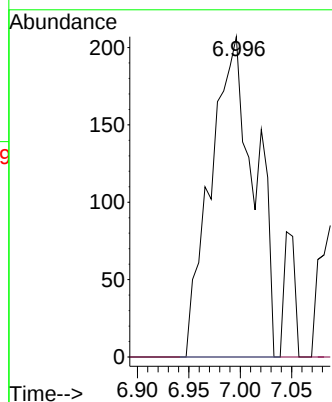
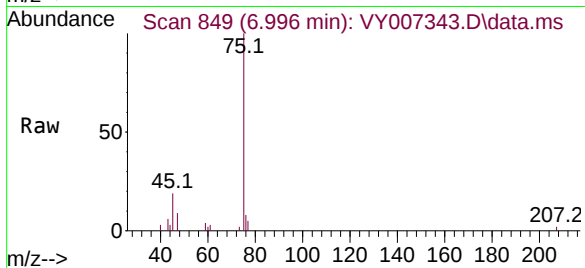
SB-8S

Tgt Ion: 43 Resp: 615

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#



#31

Cyclohexane

Concen: 1.127 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.000 min

Lab File: VY007343.D

Acq: 31 Jan 2022 17:15

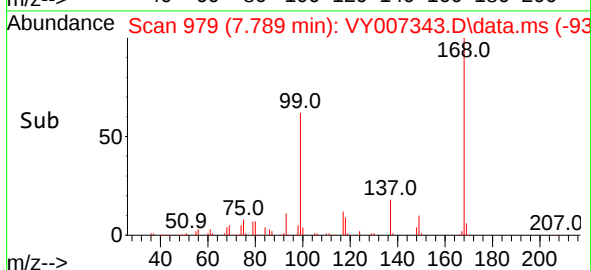
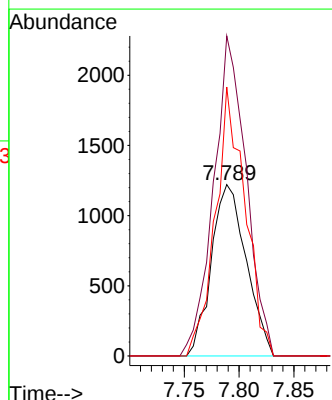
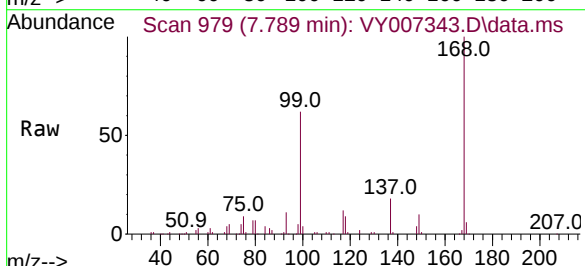
Tgt Ion: 56 Resp: 2706

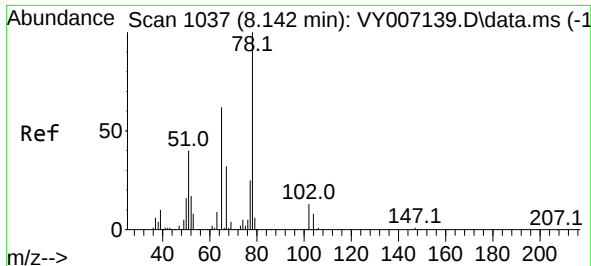
Ion Ratio Lower Upper

56 100

69 186.7 27.2 40.8#

84 157.0 72.1 108.1#

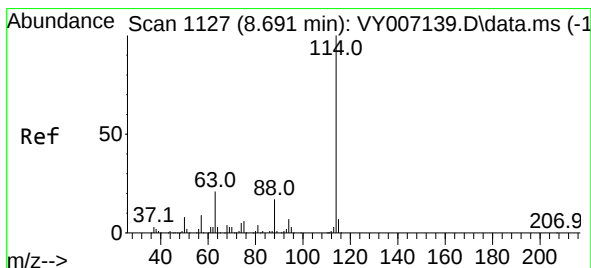
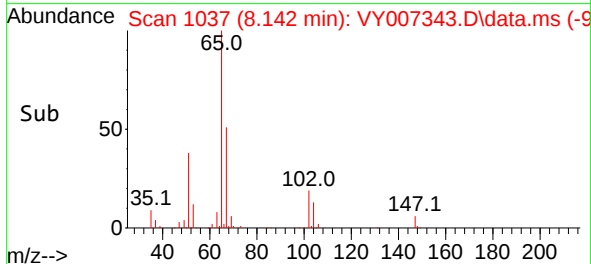
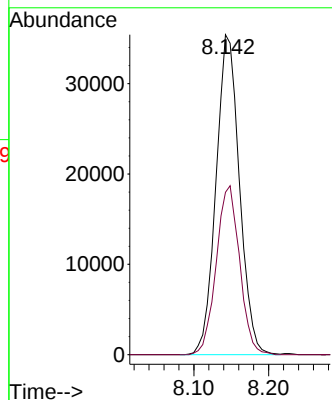
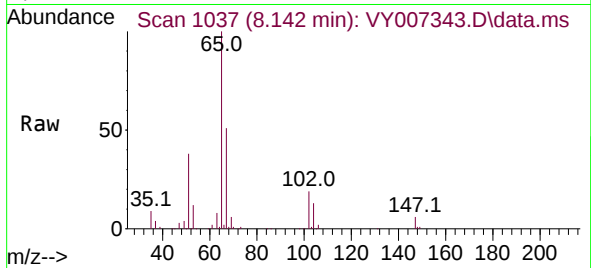




#33
 1,2-Dichloroethane-d4
 Concen: 54.388 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY007343.D
 Acq: 31 Jan 2022 17:15

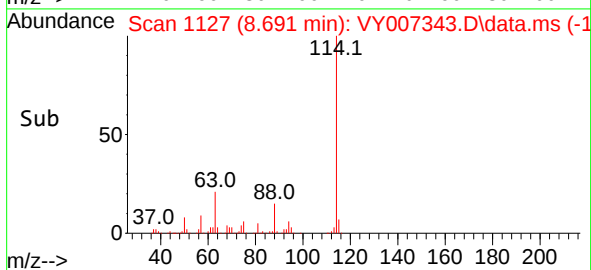
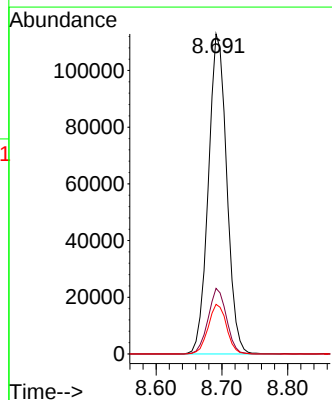
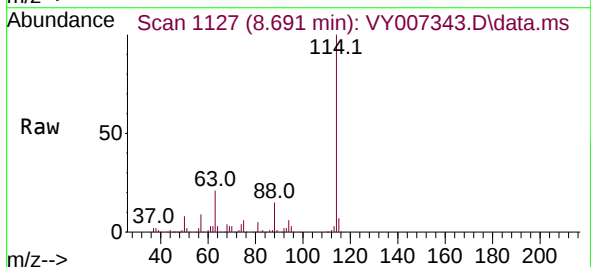
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8S

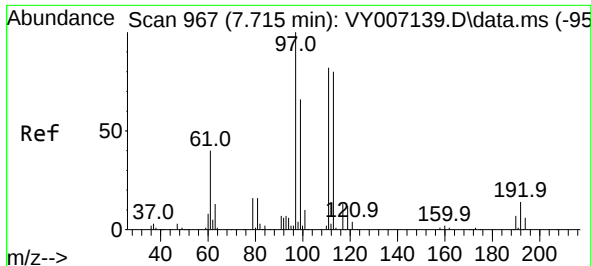
Tgt Ion: 65 Resp: 77245
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY007343.D
 Acq: 31 Jan 2022 17:15

Tgt Ion: 114 Resp: 219637
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 39.2
 88 15.5 0.0 31.0

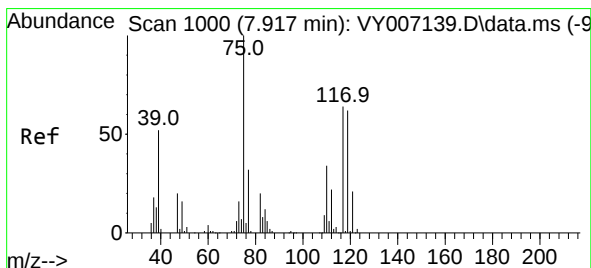
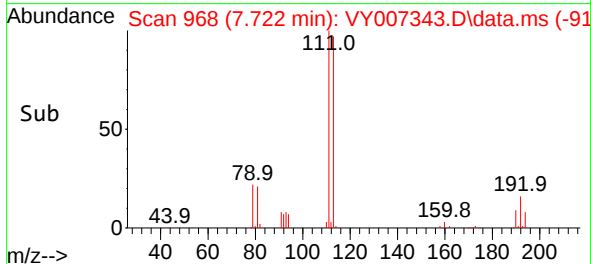
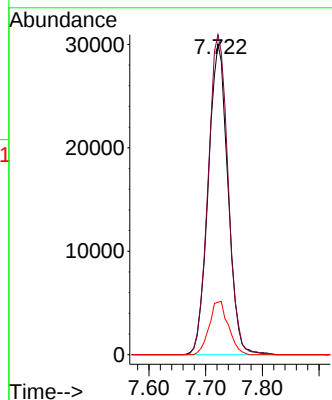
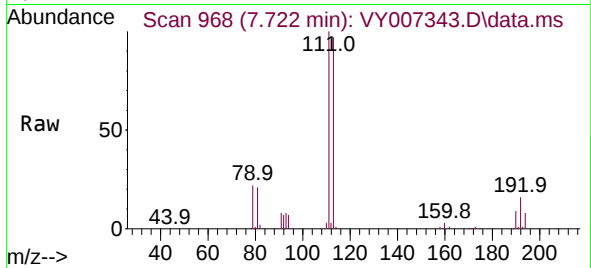




#35
Dibromofluoromethane
Concen: 48.707 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007343.D
Acq: 31 Jan 2022 17:15

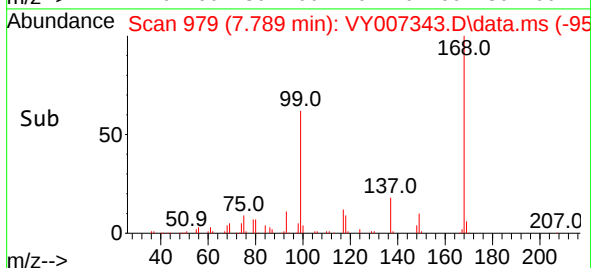
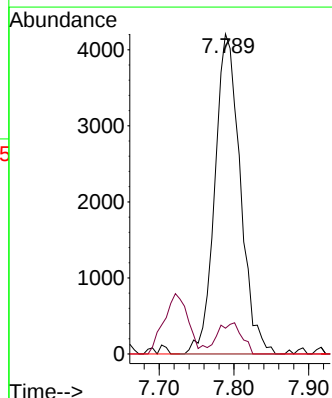
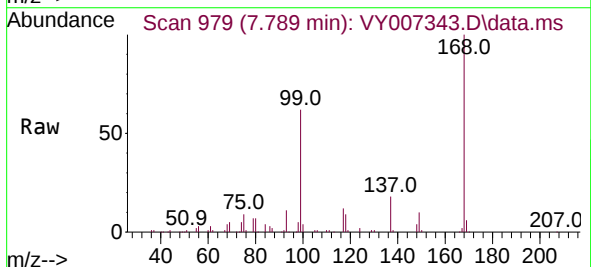
Instrument :
MSVOA_Y
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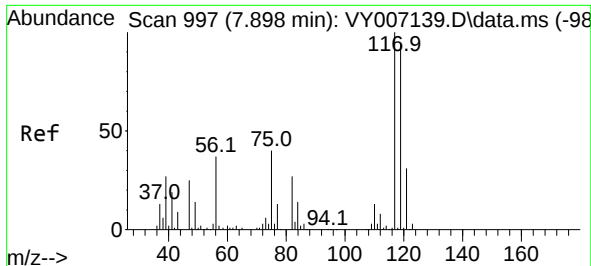
Tgt Ion:113 Resp: 72337
Ion Ratio Lower Upper
113 100
111 104.3 82.2 123.4
192 16.7 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.189 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007343.D
Acq: 31 Jan 2022 17:15

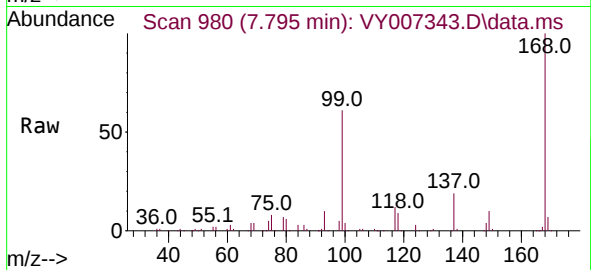
Tgt Ion: 75 Resp: 9936
Ion Ratio Lower Upper
75 100
110 9.2 17.3 51.9#
77 0.0 24.7 37.1#



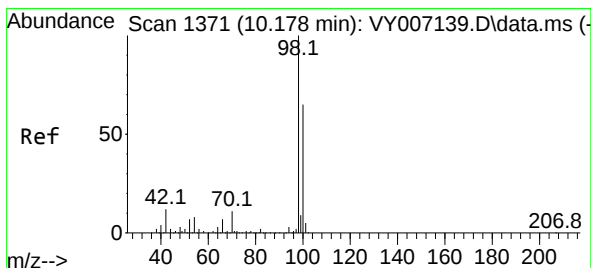
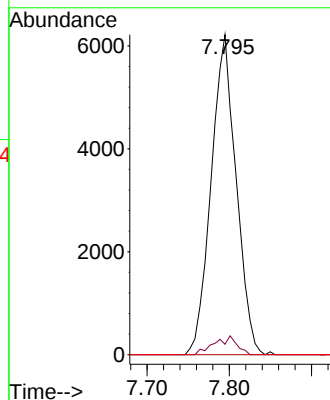
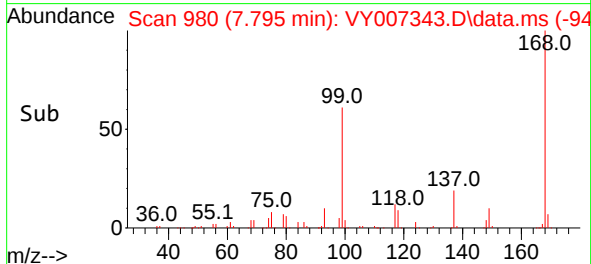


#38
Carbon Tetrachloride
Concen: 5.271 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007343.D
Acq: 31 Jan 2022 17:15

Instrument :
MSVOA_Y
ClientSampleId :
SB-8S

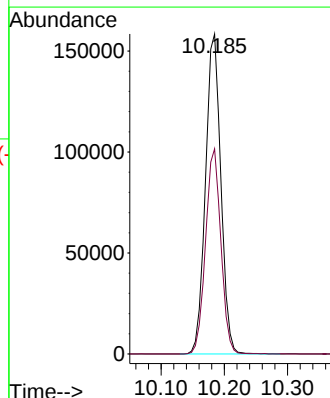
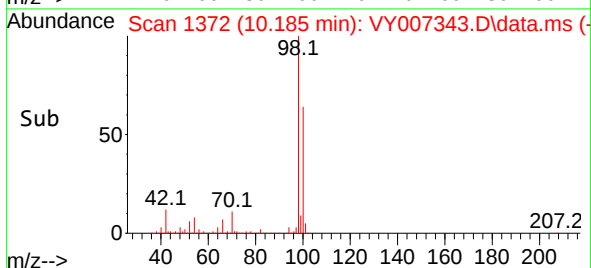
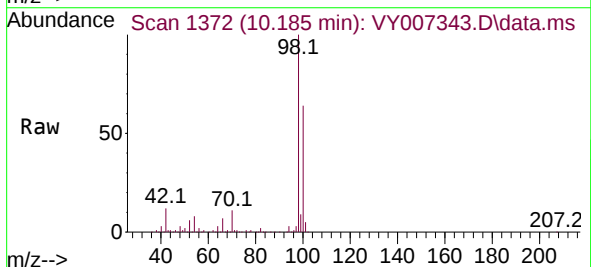


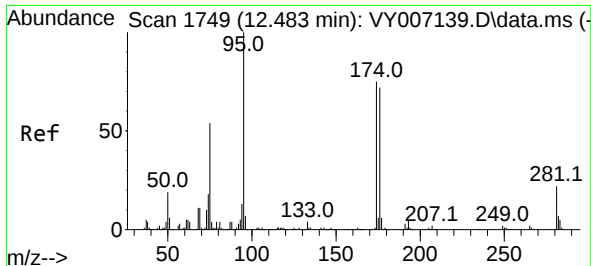
Tgt Ion:117 Resp: 13150
Ion Ratio Lower Upper
117 100
119 3.2 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 49.302 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007343.D
Acq: 31 Jan 2022 17:15

Tgt Ion: 98 Resp: 267548
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2

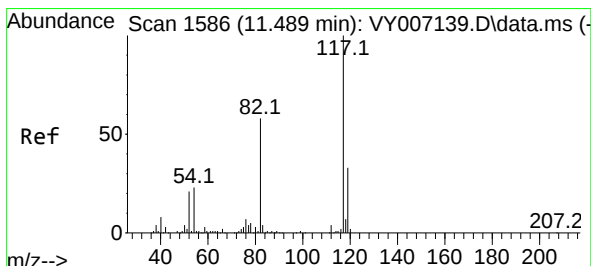
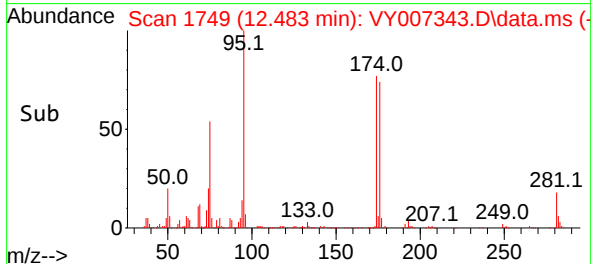
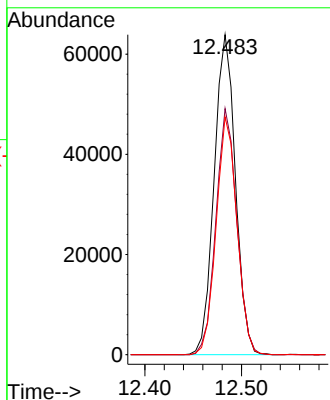
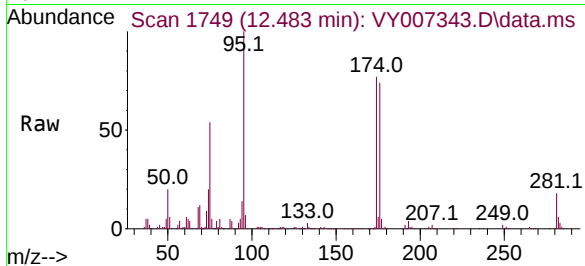




#62
4-Bromofluorobenzene
Concen: 50.558 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007343.D
Acq: 31 Jan 2022 17:15

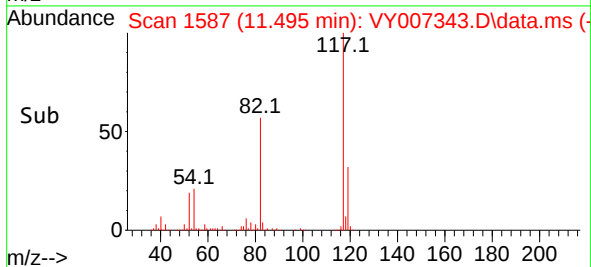
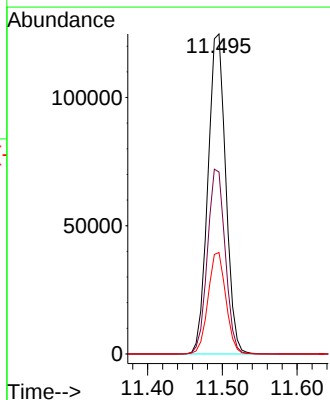
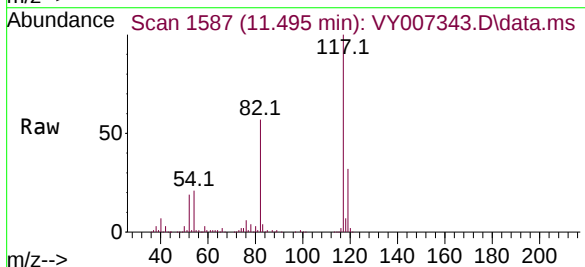
Instrument :
MSVOA_Y
ClientSampleId :
SB-8S

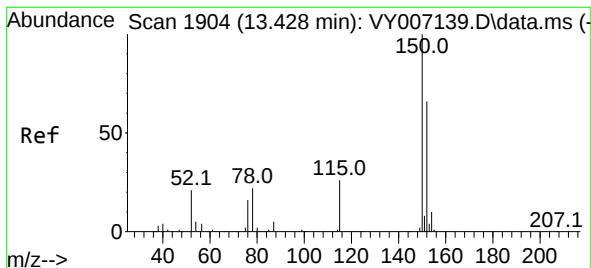
Tgt Ion: 95 Resp: 97594
Ion Ratio Lower Upper
95 100
174 75.1 0.0 148.4
176 72.6 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007343.D
Acq: 31 Jan 2022 17:15

Tgt Ion: 117 Resp: 206580
Ion Ratio Lower Upper
117 100
82 56.8 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: VY007343.D

Acq: 31 Jan 2022 17:15

Instrument :

MSVOA_Y

ClientSampleId :

SB-8S

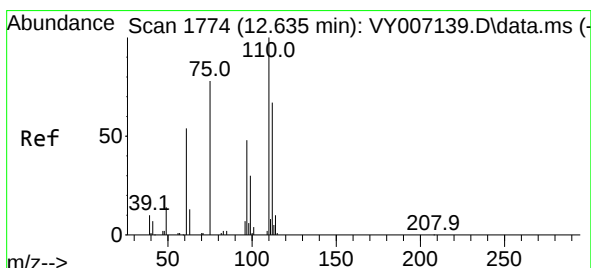
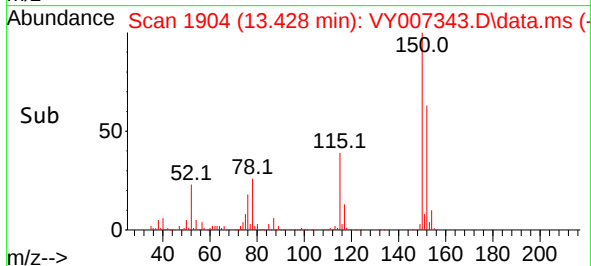
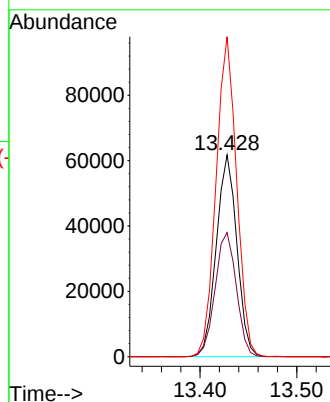
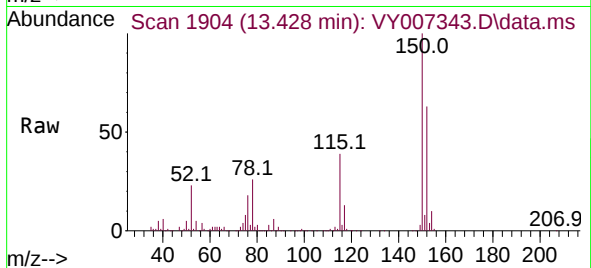
Tgt Ion:152 Resp: 91217

Ion Ratio Lower Upper

152 100

115 63.4 31.4 94.0

150 158.2 0.0 348.4



#76

1,2,3-Trichloropropane

Concen: 52.637 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY007343.D

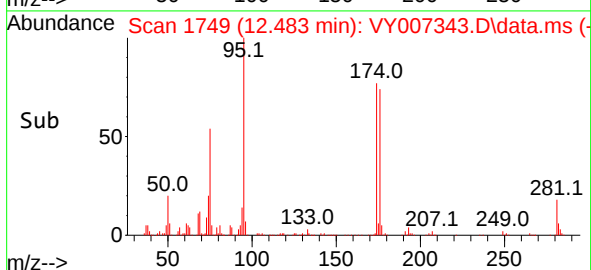
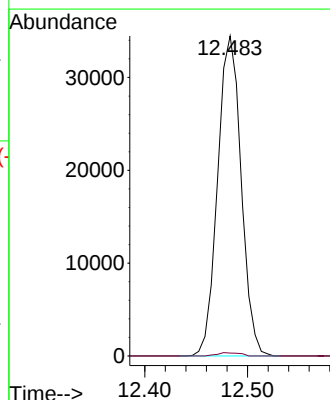
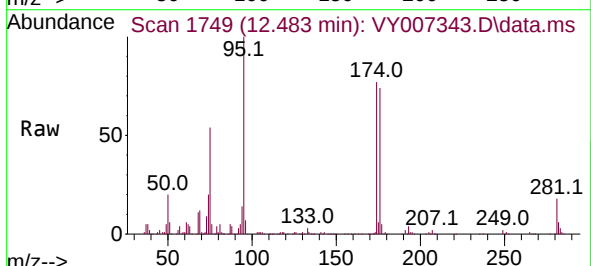
Acq: 31 Jan 2022 17:15

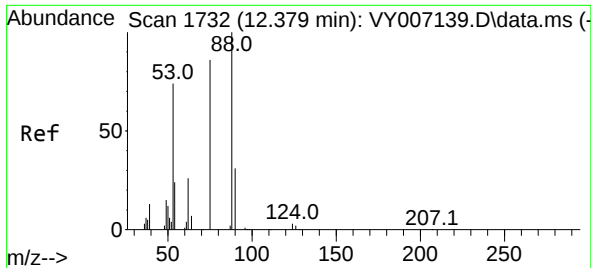
Tgt Ion: 75 Resp: 54748

Ion Ratio Lower Upper

75 100

77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.363 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY007343.D
 Acq: 31 Jan 2022 17:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8S

Tgt Ion: 75 Resp: 54748
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 0.4 0.0 0.0#

