

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
 Data File : VY008515.D
 Acq On : 27 Apr 2022 10:26
 Operator : KP/MD
 Sample : VY0427SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBL01

Quant Time: Apr 27 15:28:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

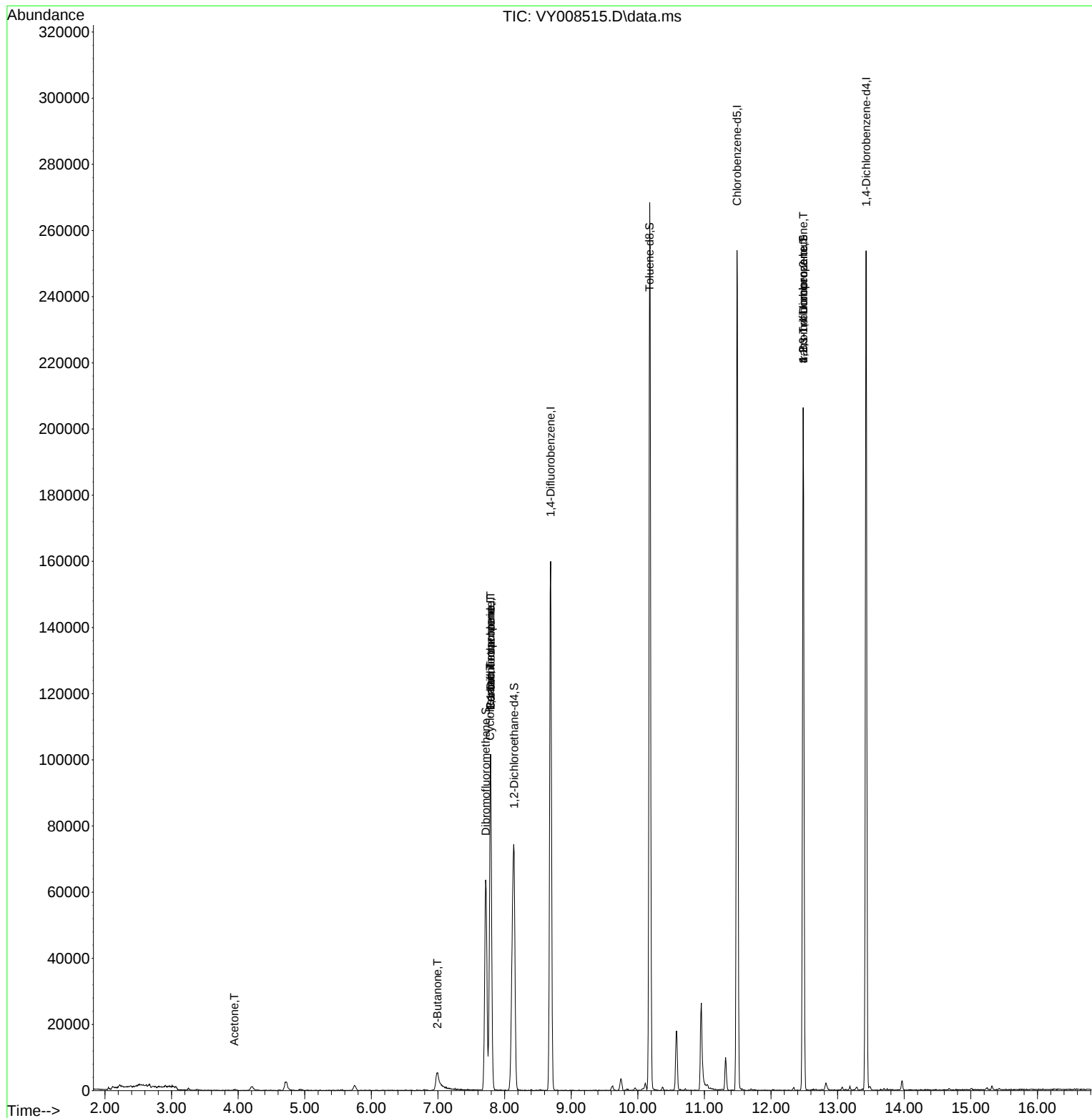
Internal Standards						
1) Pentafluorobenzene	7.789	168	76751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	139982	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	140020	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62489	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	44690	49.487	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.980%		
35) Dibromofluoromethane	7.716	113	45003	49.814	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.620%		
50) Toluene-d8	10.179	98	176828	49.154	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.300%		
62) 4-Bromofluorobenzene	12.483	95	57937	47.626	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	95.260%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.942	59	117	Below Cal	#	77
16) Acetone	3.942	43	527	2.505	ug/l #	47
20) Methylene Chloride	4.710	84	2174	Below Cal	#	69
25) 2-Butanone	6.990	43	410	1.260	ug/l #	54
31) Cyclohexane	7.783	56	1610	1.084	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	6190	4.307	ug/l #	51
38) Carbon Tetrachloride	7.789	117	7364	4.932	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	31916	39.465	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	31916	91.555	ug/l #	7

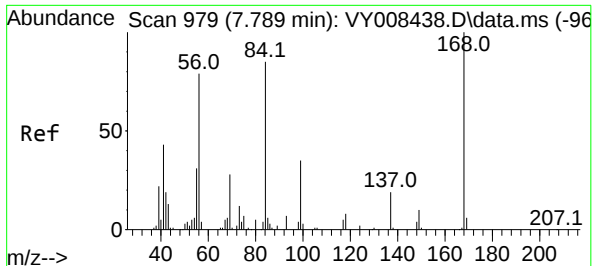
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042722\
Data File : VY008515.D
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Sample : VY0427SBL01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBL01

Quant Time: Apr 27 15:28:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
Quant Title : SW846 8260
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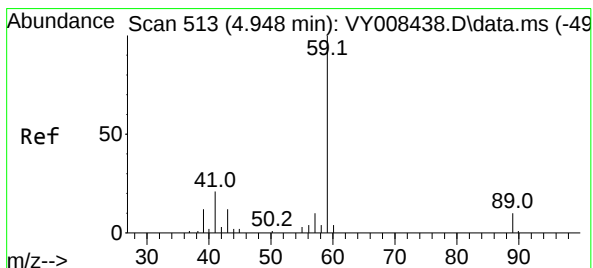
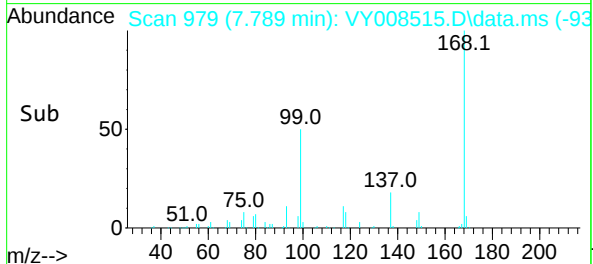
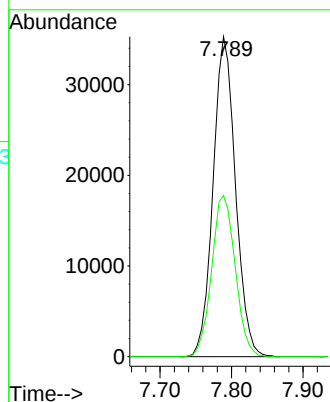
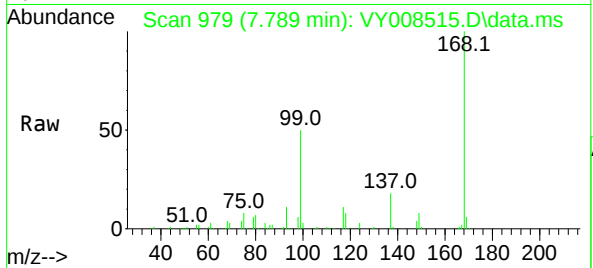




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008515.D
Acq: 27 Apr 2022 10:26

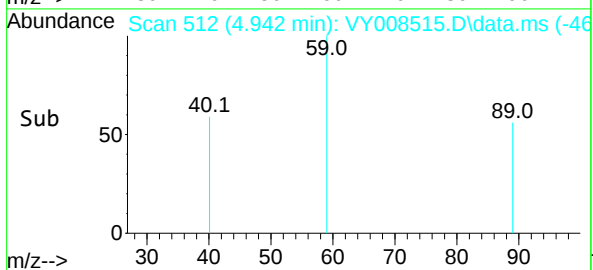
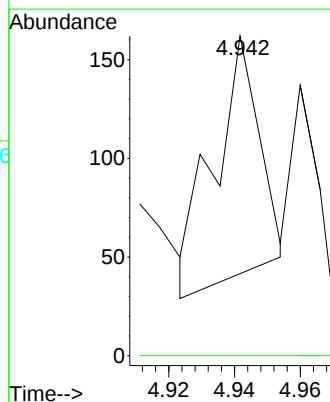
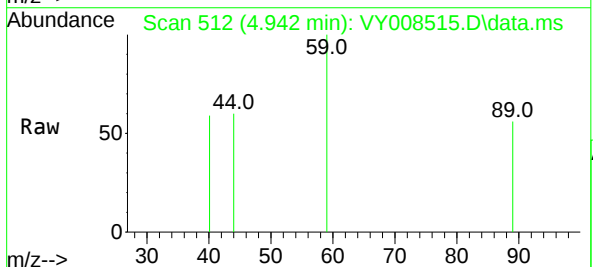
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBL01

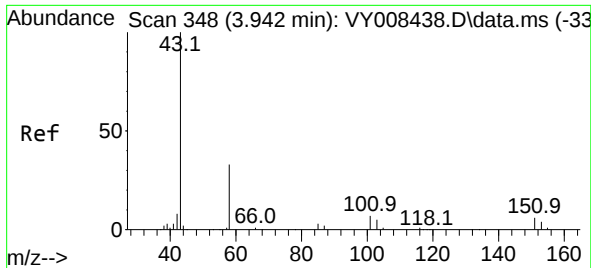
Tgt Ion:168 Resp: 76751
Ion Ratio Lower Upper
168 100
99 50.4 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.942 min Scan# 512
Delta R.T. -0.006 min
Lab File: VY008515.D
Acq: 27 Apr 2022 10:26

Tgt Ion: 59 Resp: 117
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 2.505 ug/l

RT: 3.942 min Scan# 34

Delta R.T. -0.000 min

Lab File: VY008515.D

Acq: 27 Apr 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

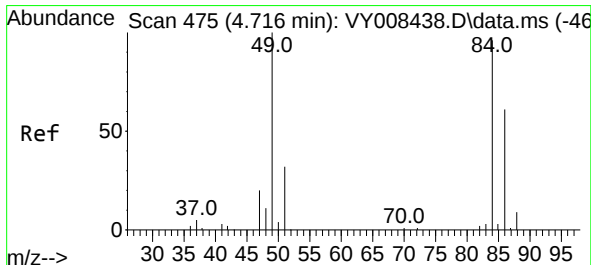
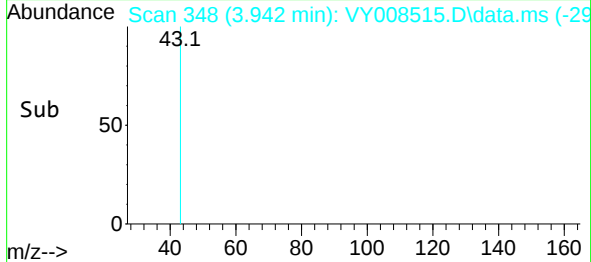
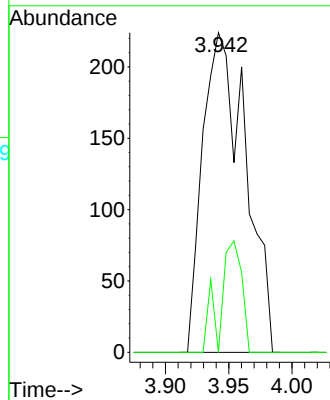
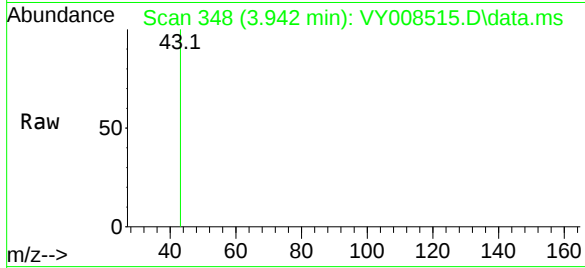
VY0427SBL01

Tgt Ion: 43 Resp: 527

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY008515.D

Acq: 27 Apr 2022 10:26

Tgt Ion: 84 Resp: 2174

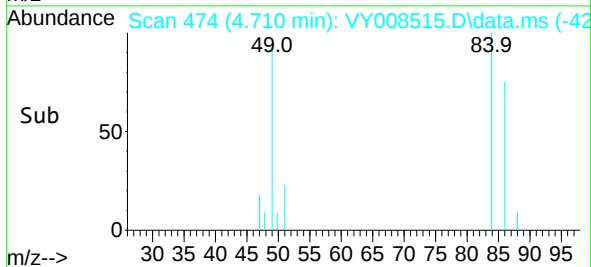
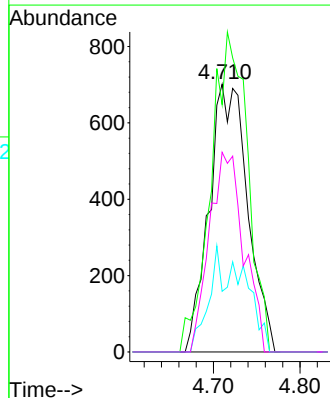
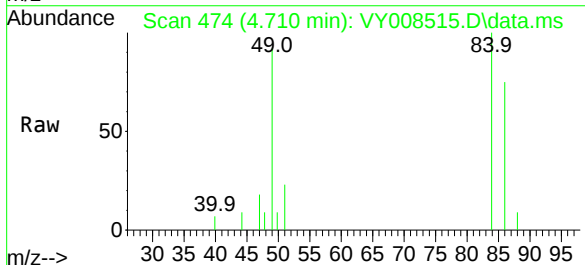
Ion Ratio Lower Upper

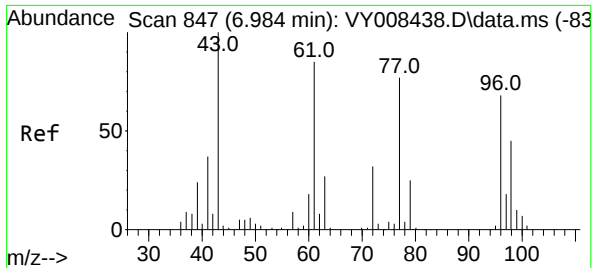
84 100

49 92.4 114.4 171.6#

51 22.7 35.3 52.9#

86 74.6 53.7 80.5

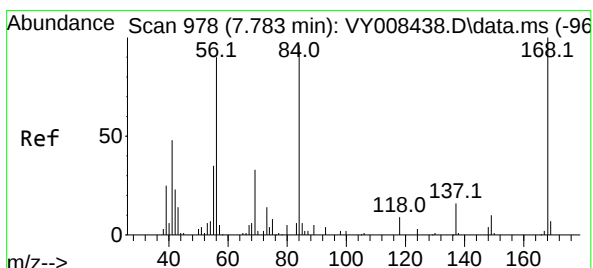
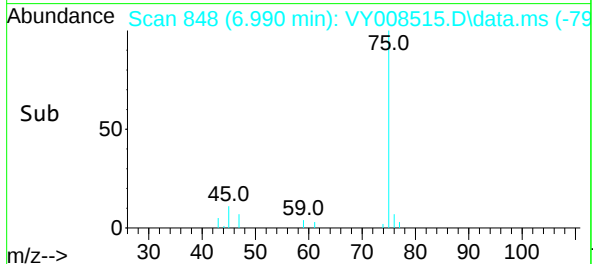
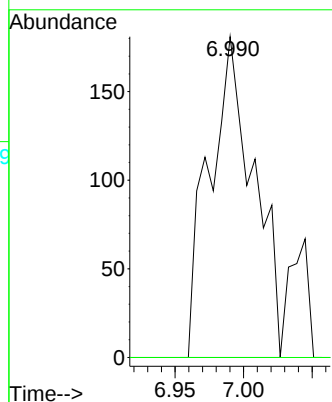
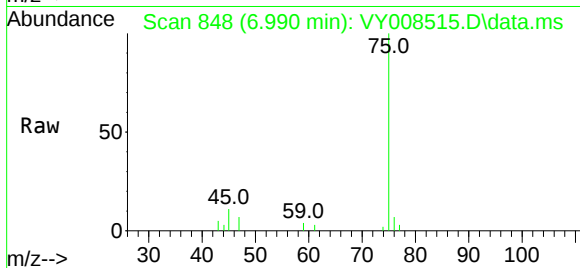




#25
2-Butanone
Concen: 1.260 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY008515.D
Acq: 27 Apr 2022 10:26

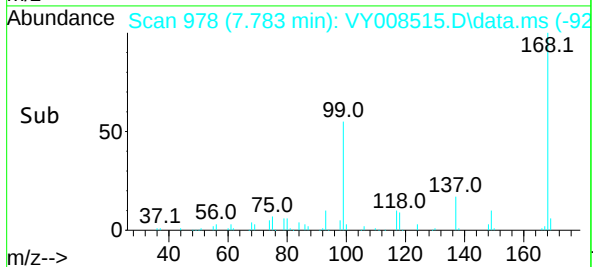
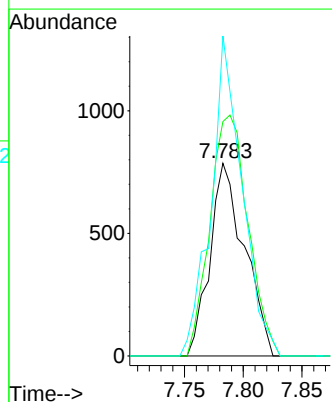
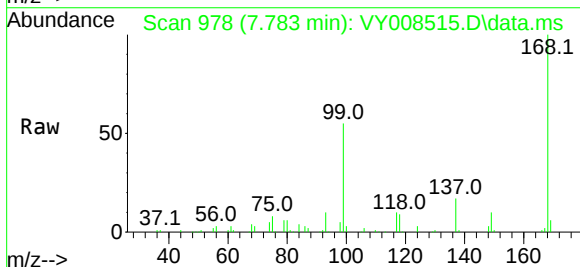
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBL01

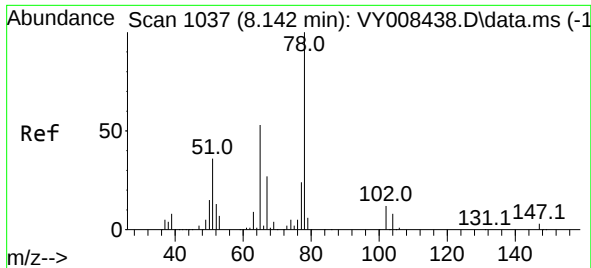
Tgt Ion: 43 Resp: 410
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.084 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008515.D
Acq: 27 Apr 2022 10:26

Tgt Ion: 56 Resp: 1610
Ion Ratio Lower Upper
56 100
69 121.6 26.7 40.1#
84 166.0 67.2 100.8#

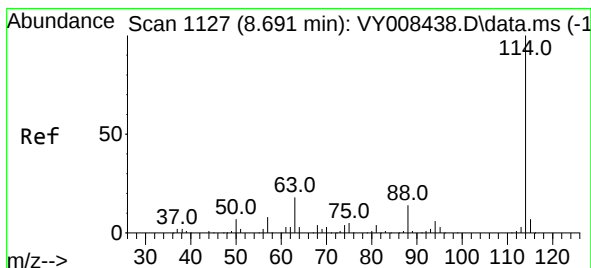
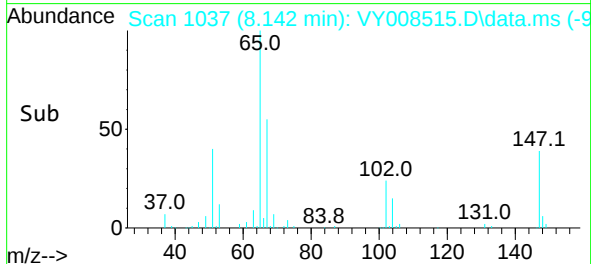
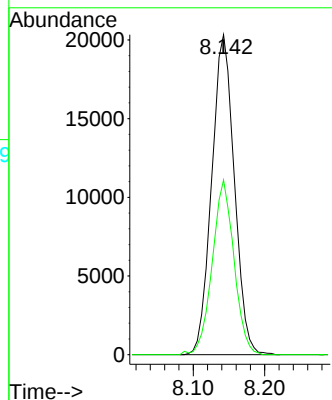
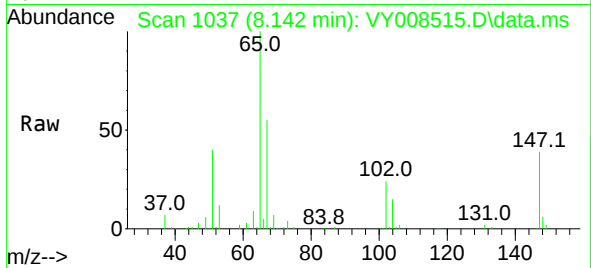




#33
 1,2-Dichloroethane-d4
 Concen: 49.487 ug/l
 RT: 8.142 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY008515.D
 Acq: 27 Apr 2022 10:26

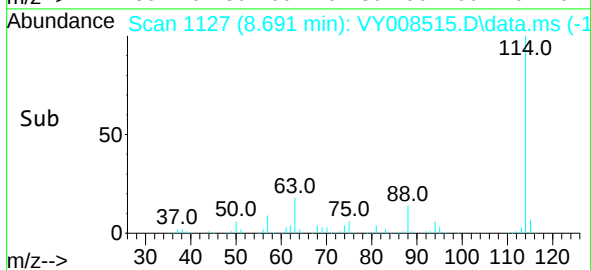
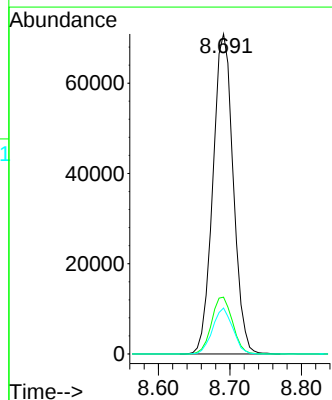
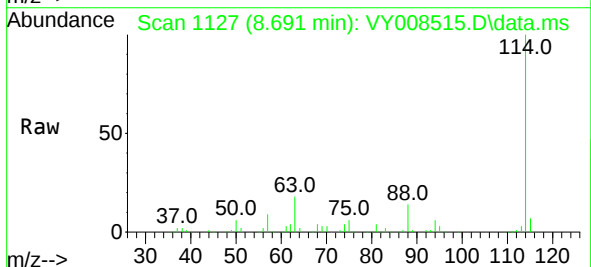
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBL01

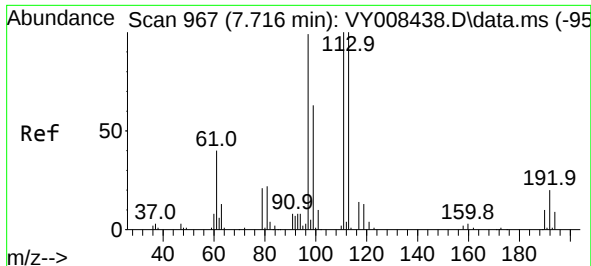
Tgt Ion: 65 Resp: 44690
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY008515.D
 Acq: 27 Apr 2022 10:26

Tgt Ion: 114 Resp: 139982
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 43.2
 88 14.4 0.0 31.8

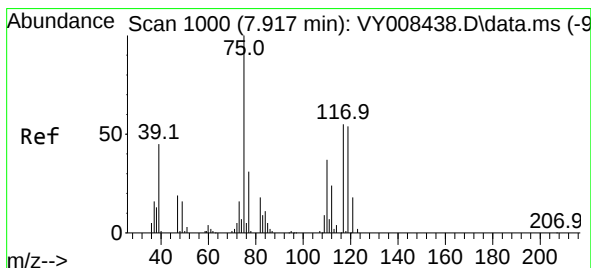
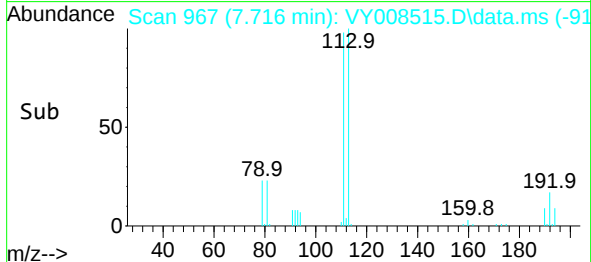
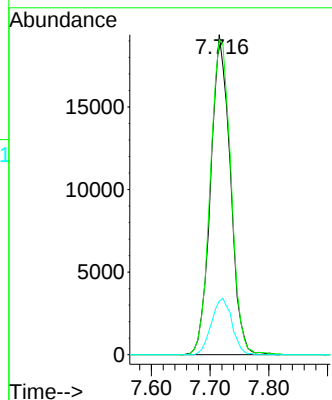
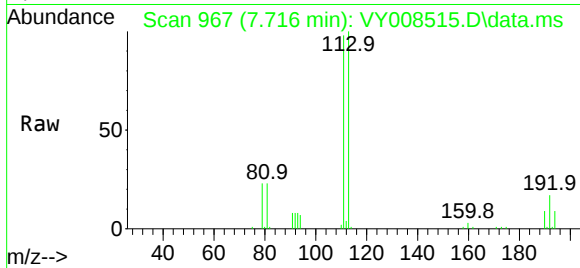




#35
Dibromofluoromethane
Concen: 49.814 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY008515.D
Acq: 27 Apr 2022 10:26

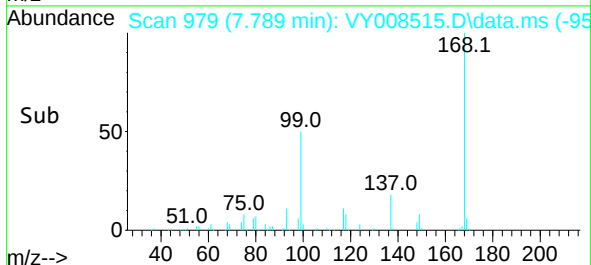
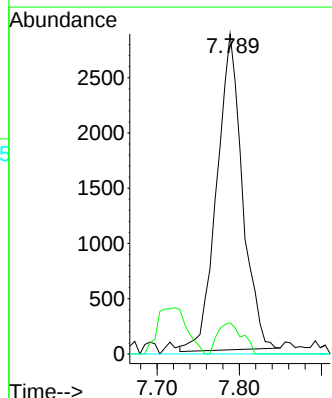
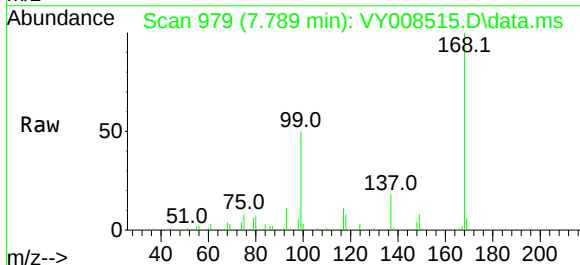
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBL01

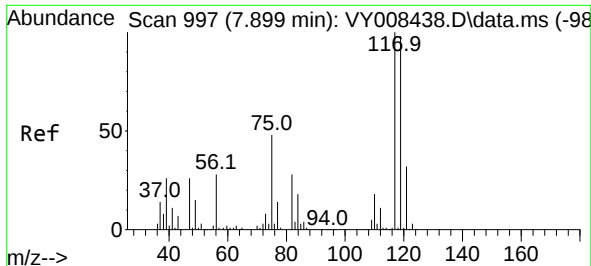
Tgt Ion:113 Resp: 45003
Ion Ratio Lower Upper
113 100
111 103.7 82.6 124.0
192 18.3 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.307 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008515.D
Acq: 27 Apr 2022 10:26

Tgt Ion: 75 Resp: 6190
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.2#
77 0.0 24.4 36.6#

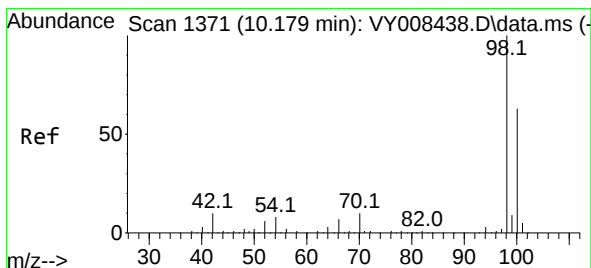
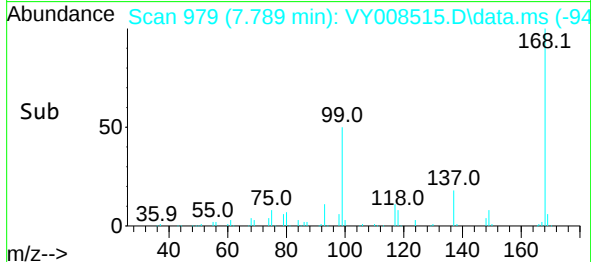
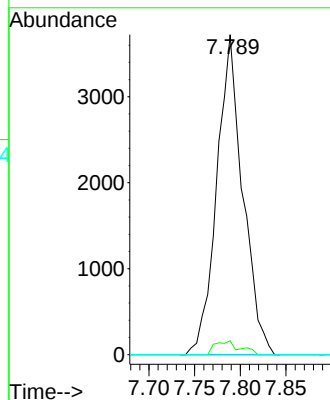
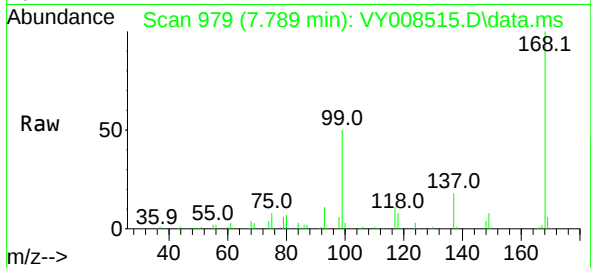




#38
Carbon Tetrachloride
Concen: 4.932 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008515.D
Acq: 27 Apr 2022 10:26

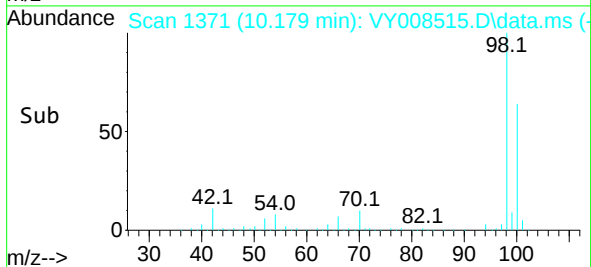
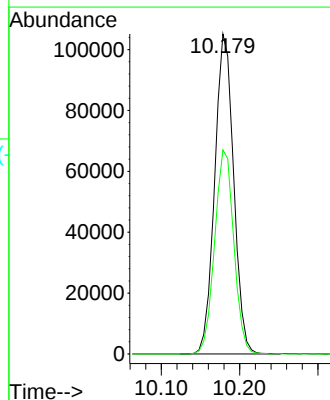
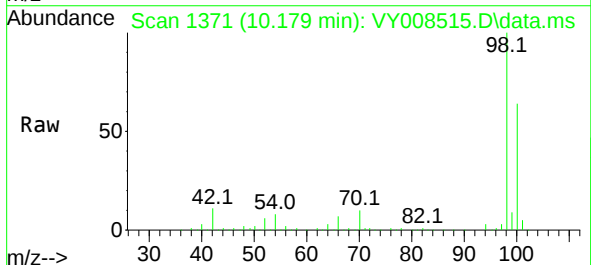
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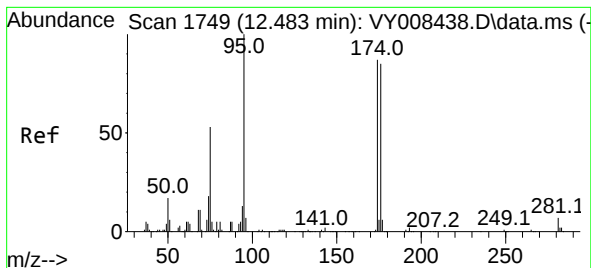
Tgt Ion:117 Resp: 7364
Ion Ratio Lower Upper
117 100
119 4.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 49.154 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008515.D
Acq: 27 Apr 2022 10:26

Tgt Ion: 98 Resp: 176828
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

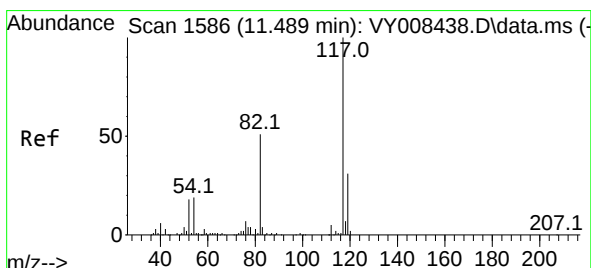
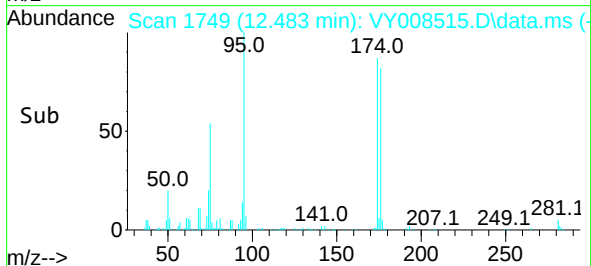
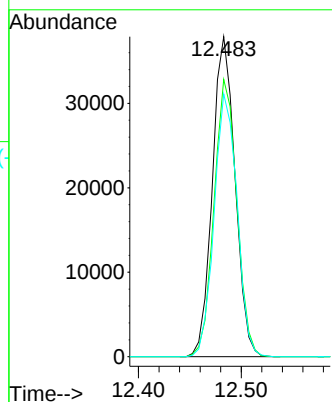
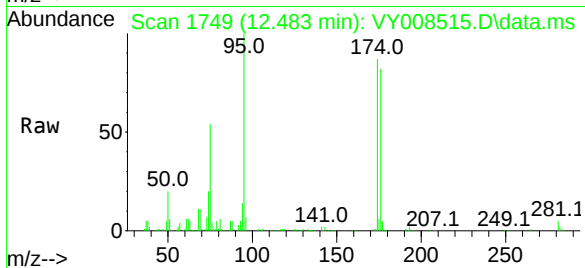




#62
4-Bromofluorobenzene
Concen: 47.626 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008515.D
Acq: 27 Apr 2022 10:26

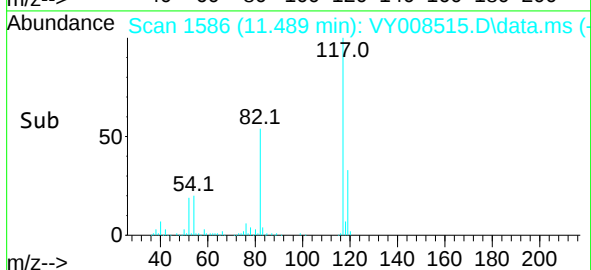
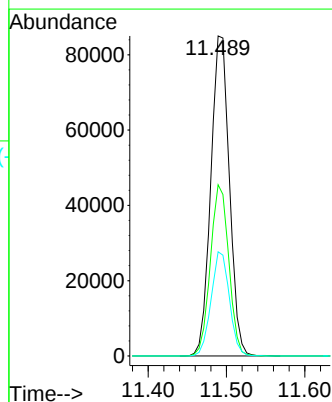
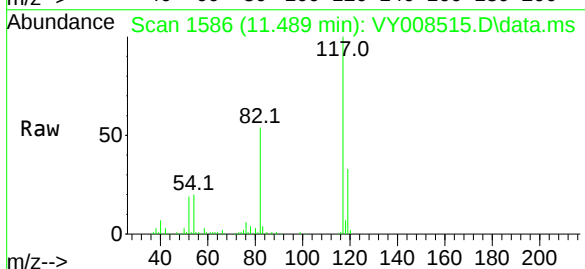
Instrument :
MSVOA_Y
ClientSampleId :
VY0427SBL01

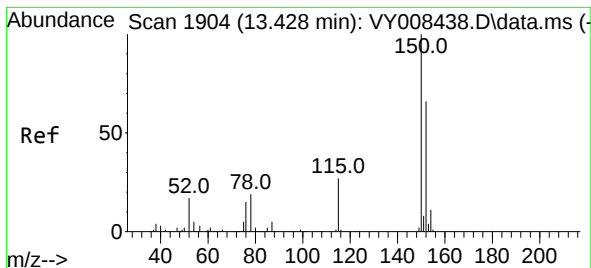
Tgt Ion: 95 Resp: 57937
Ion Ratio Lower Upper
95 100
174 87.0 0.0 177.0
176 82.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008515.D
Acq: 27 Apr 2022 10:26

Tgt Ion: 117 Resp: 140020
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY008515.D

Acq: 27 Apr 2022 10:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0427SBL01

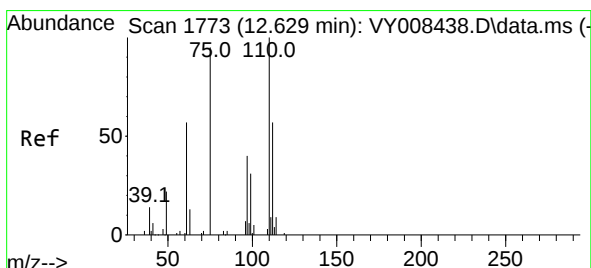
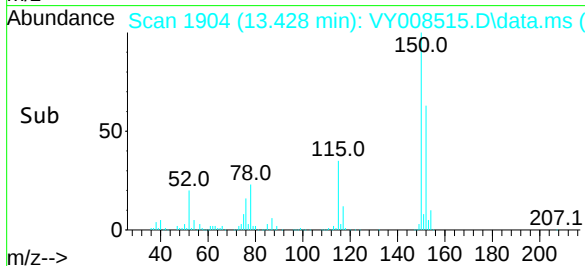
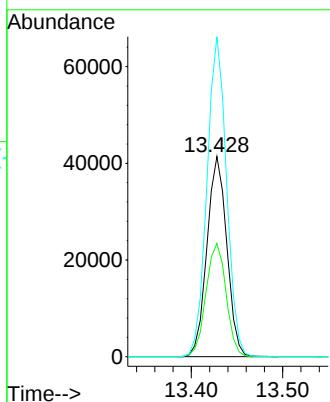
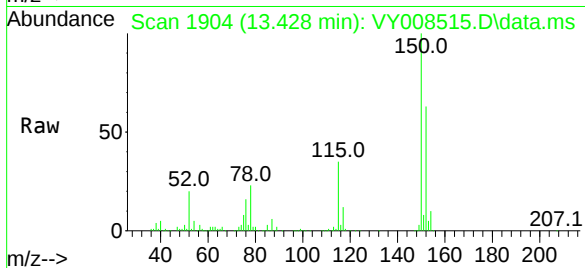
Tgt Ion:152 Resp: 62489

Ion Ratio Lower Upper

152 100

115 57.4 28.2 84.7

150 157.5 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 39.465 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY008515.D

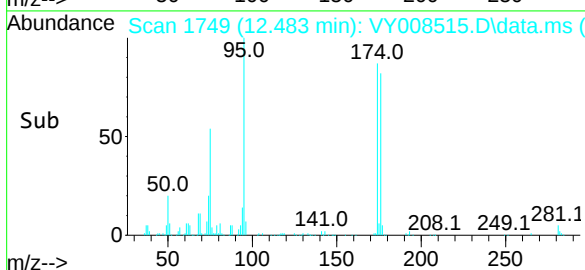
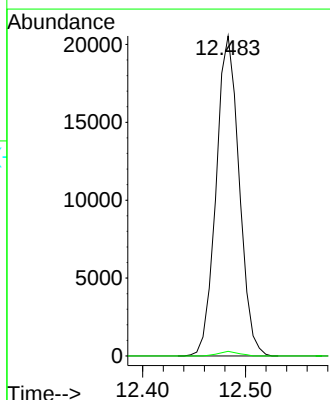
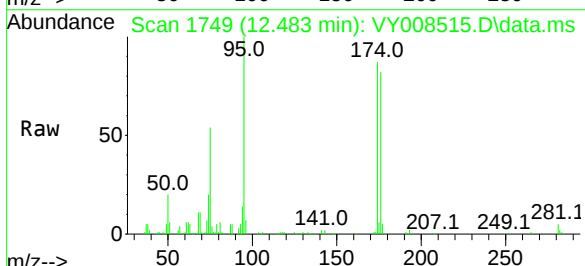
Acq: 27 Apr 2022 10:26

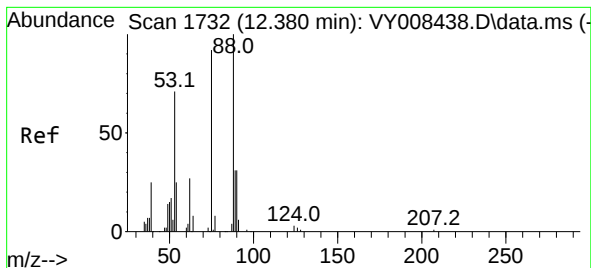
Tgt Ion: 75 Resp: 31916

Ion Ratio Lower Upper

75 100

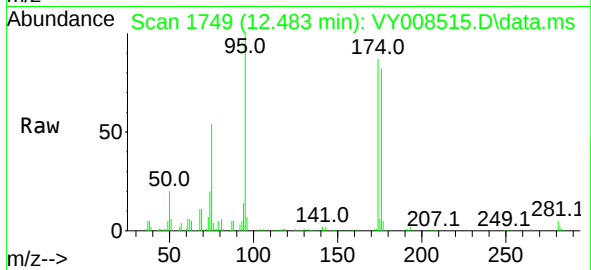
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.555 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008515.D
 Acq: 27 Apr 2022 10:26

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBL01



Tgt Ion: 75 Resp: 31916
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

