

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008045.D
 Acq On : 26 Mar 2022 14:52
 Operator : SY/MD
 Sample : N2095-06
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-4.0-5.0

Quant Time: Mar 28 09:28:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	134154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	242039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	221747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	90601	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	76072	56.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.040%
35) Dibromofluoromethane	7.716	113	75728	49.903	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.800%
50) Toluene-d8	10.179	98	291474	50.981	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.960%
62) 4-Bromofluorobenzene	12.483	95	95815	47.502	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.000%

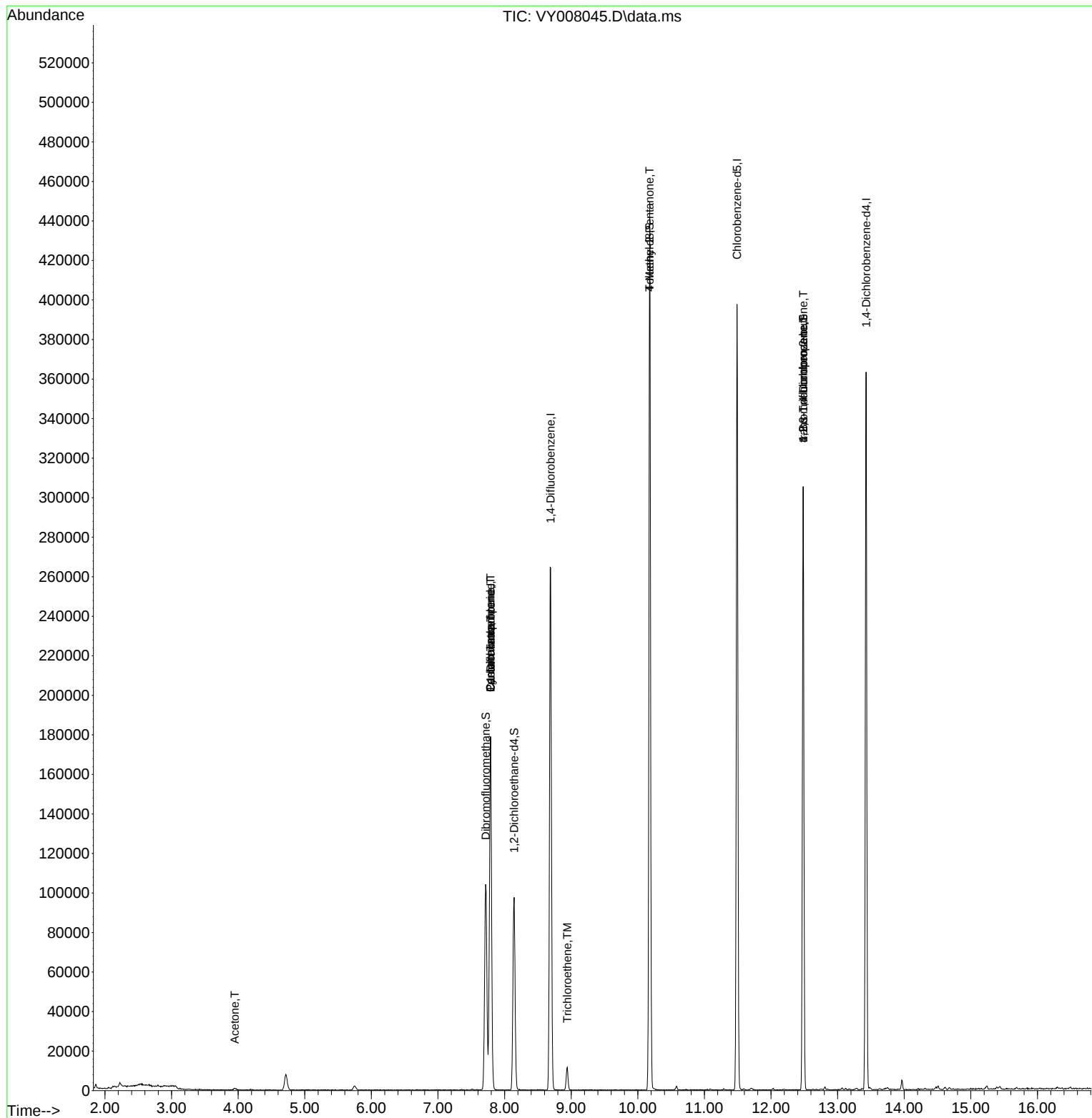
Target Compounds					Qvalue	
16) Acetone	3.948	43	1614	5.246	ug/l #	83
18) Methyl Acetate	4.479	43	163	Below Cal	#	56
20) Methylene Chloride	4.710	84	6139	Below Cal	#	78
31) Cyclohexane	7.789	56	2802	1.114	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	10328	4.333	ug/l #	51
38) Carbon Tetrachloride	7.789	117	13538	5.211	ug/l #	15
44) Trichloroethene	8.941	130	4016	2.037	ug/l	94
51) 4-Methyl-2-Pentanone	10.179	43	1127	1.022	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	49867	45.152	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	49867	100.741	ug/l #	7

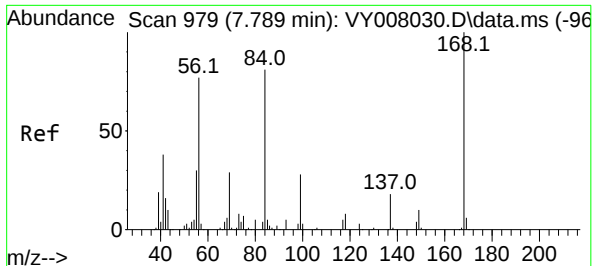
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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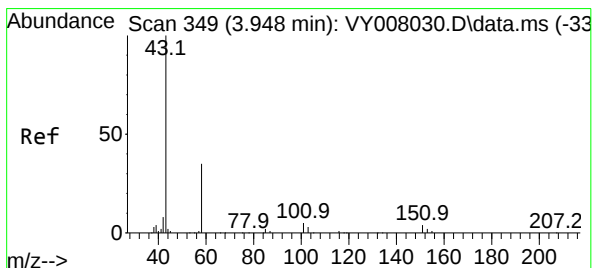
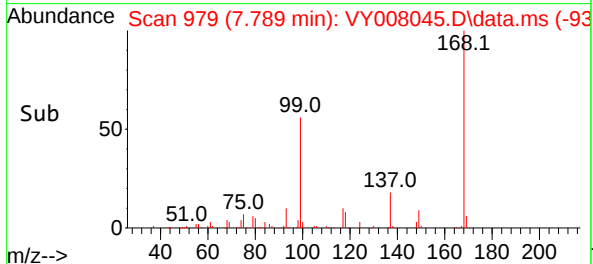
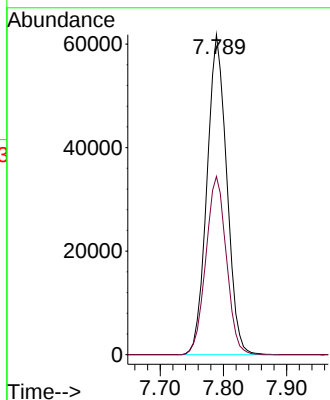
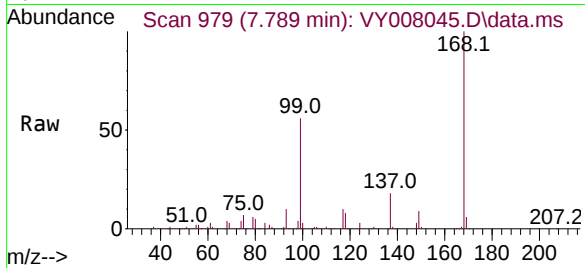




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

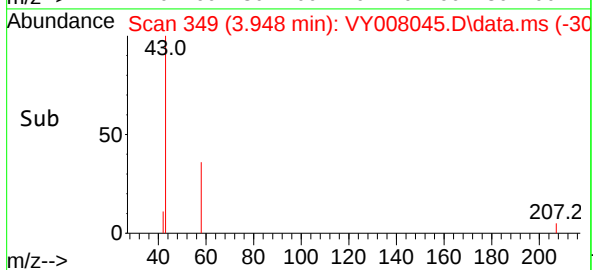
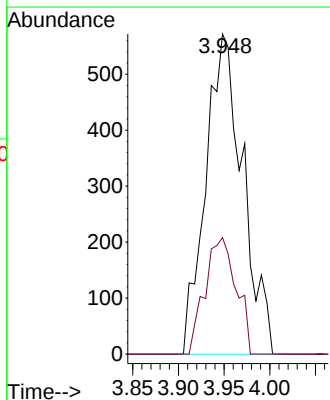
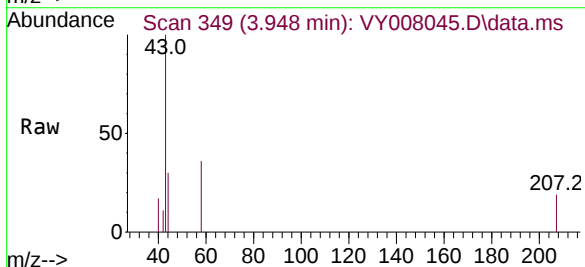
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-4.0-5.0

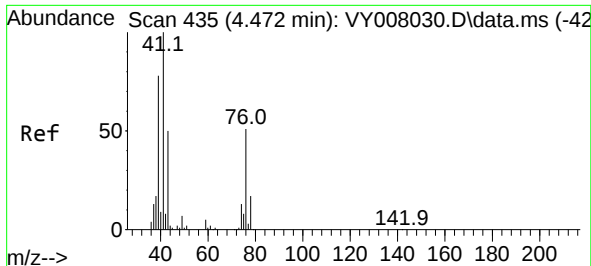
Tgt Ion:168 Resp: 134154
Ion Ratio Lower Upper
168 100
99 55.7 46.9 70.3



#16
Acetone
Concen: 5.246 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 43 Resp: 1614
Ion Ratio Lower Upper
43 100
58 36.4 22.0 33.0#





#18

Methyl Acetate

Concen: Below Cal

RT: 4.479 min Scan# 41

Delta R.T. 0.007 min

Lab File: VY008045.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_Y

ClientSampleId :

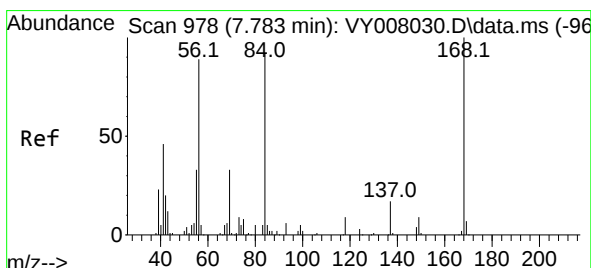
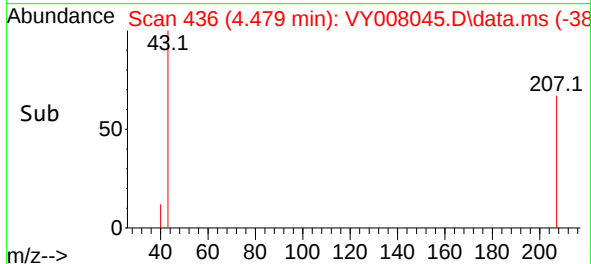
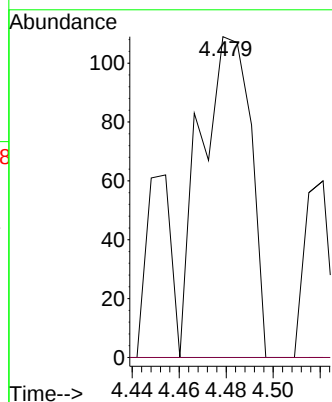
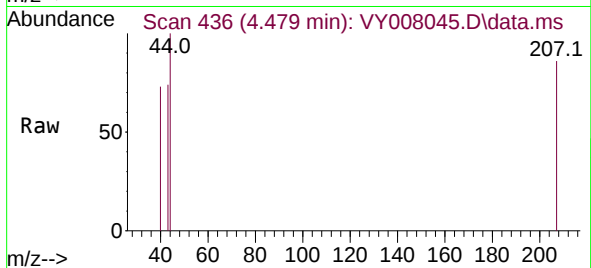
SB-06-4.0-5.0

Tgt Ion: 43 Resp: 163

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#31

Cyclohexane

Concen: 1.114 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY008045.D

Acq: 26 Mar 2022 14:52

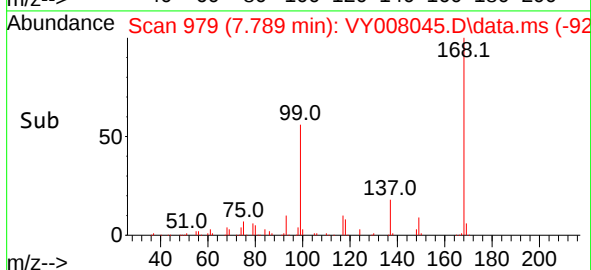
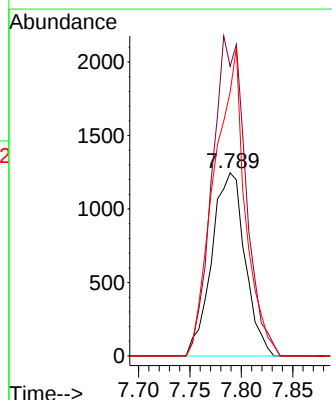
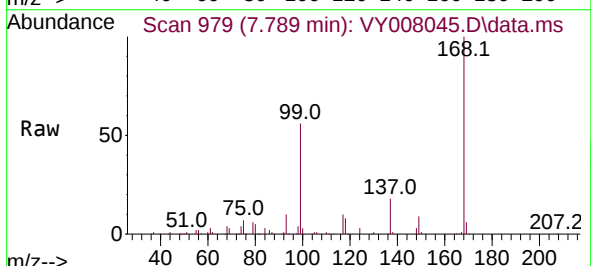
Tgt Ion: 56 Resp: 2802

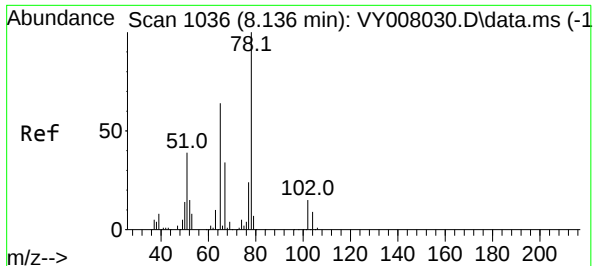
Ion Ratio Lower Upper

56 100

69 158.0 26.7 40.1#

84 143.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.518 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY008045.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_Y

ClientSampleId :

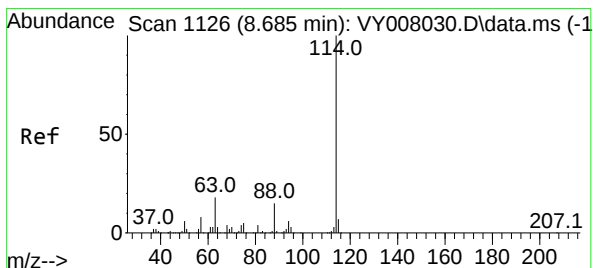
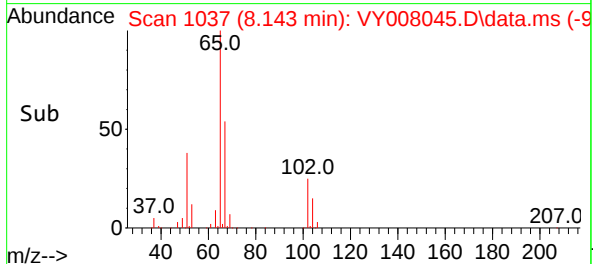
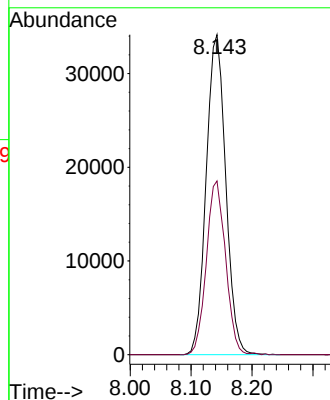
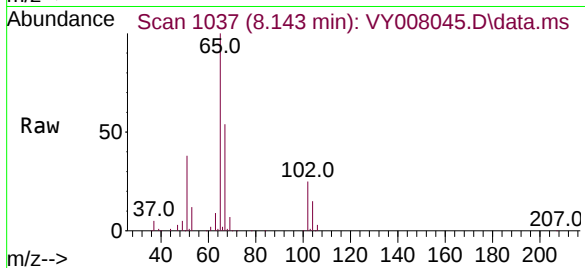
SB-06-4.0-5.0

Tgt Ion: 65 Resp: 76072

Ion Ratio Lower Upper

65 100

67 53.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008045.D

Acq: 26 Mar 2022 14:52

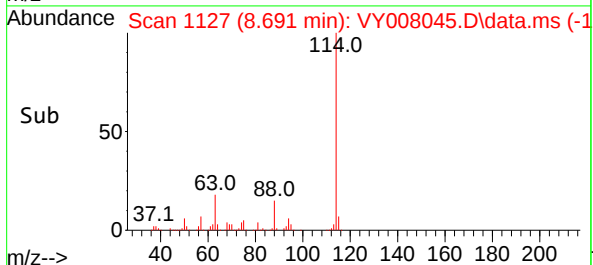
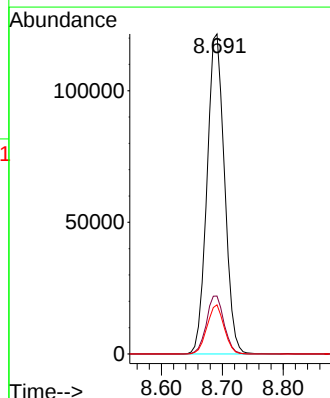
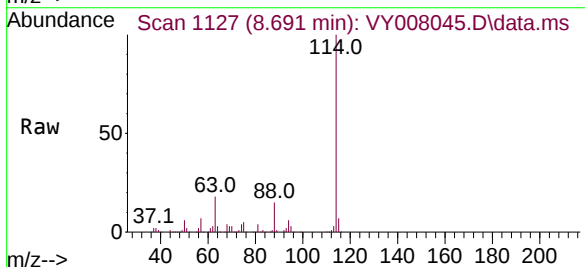
Tgt Ion: 114 Resp: 242039

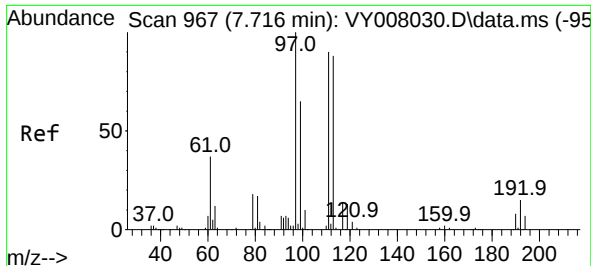
Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 15.3 0.0 31.8

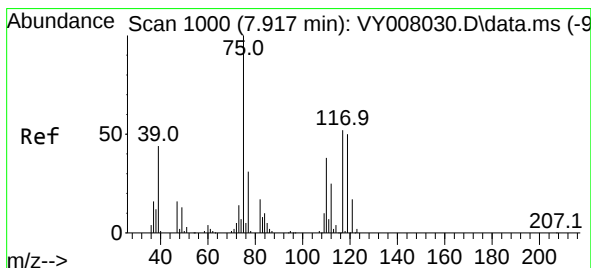
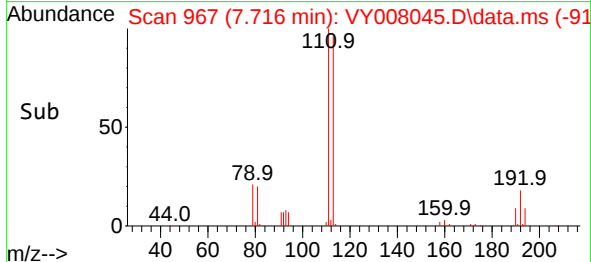
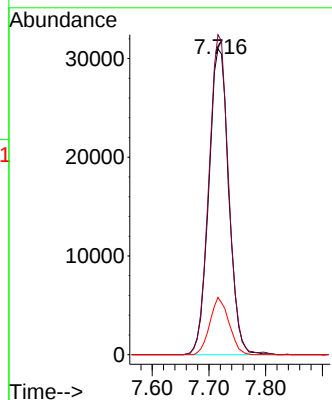
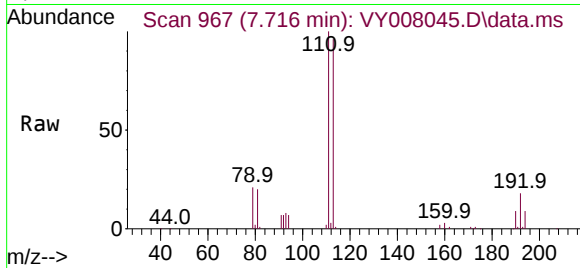




#35
Dibromofluoromethane
Concen: 49.903 ug/l
RT: 7.716 min Scan# 910
Delta R.T. -0.000 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

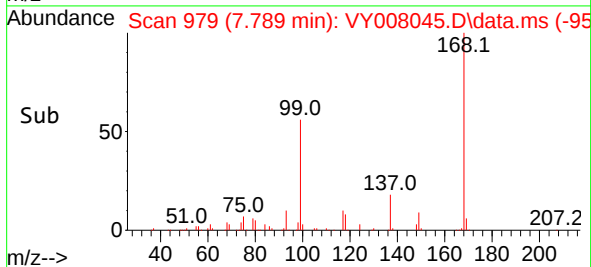
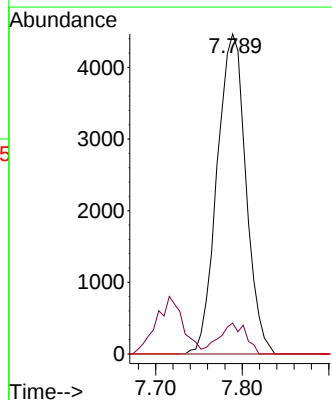
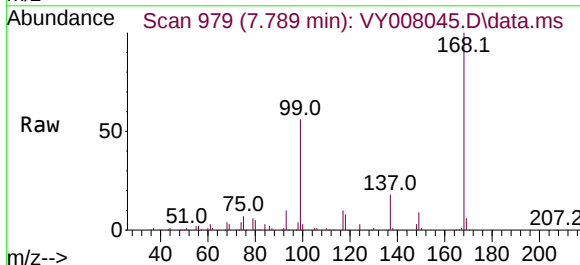
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-4.0-5.0

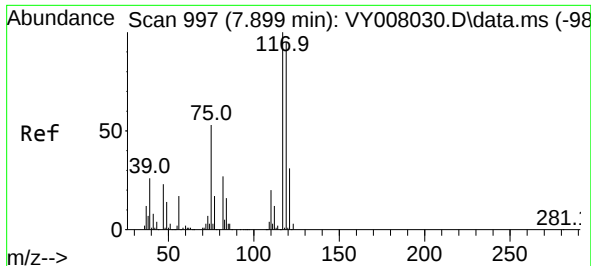
Tgt Ion:113 Resp: 75728
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 17.9 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.333 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 75 Resp: 10328
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.4 36.6#

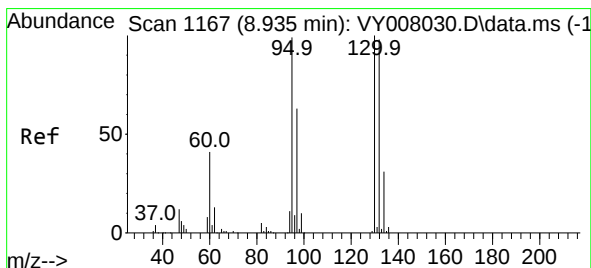
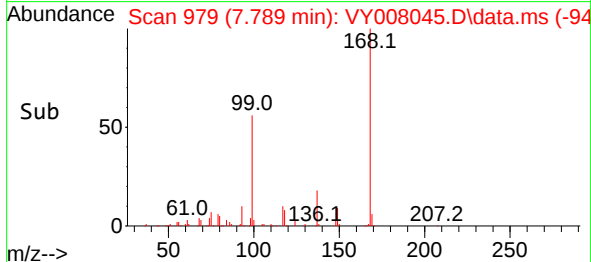
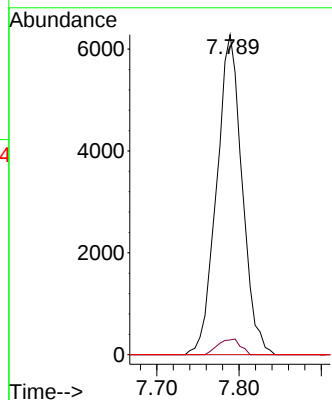
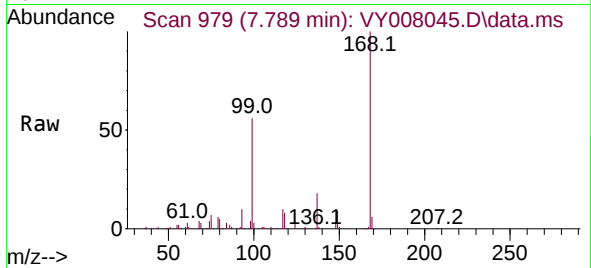




#38
Carbon Tetrachloride
Concen: 5.211 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

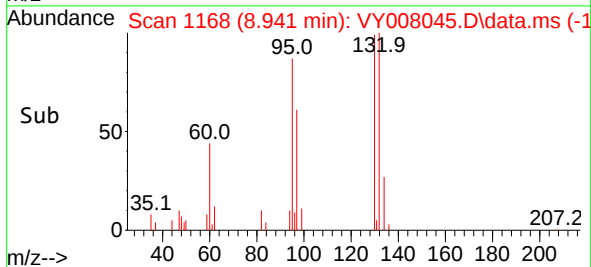
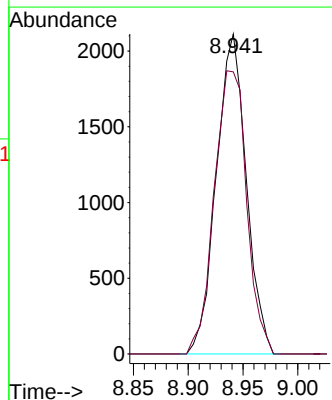
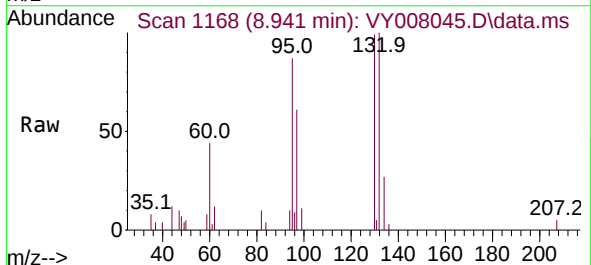
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-4.0-5.0

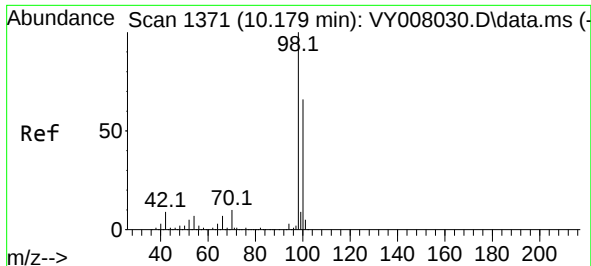
Tgt Ion:117 Resp: 13538
Ion Ratio Lower Upper
117 100
119 4.6 77.9 116.9#
121 0.0 24.8 37.2#



#44
Trichloroethene
Concen: 2.037 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

Tgt Ion:130 Resp: 4016
Ion Ratio Lower Upper
130 100
95 88.2 0.0 188.2

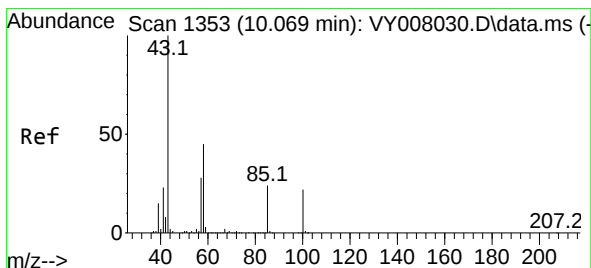
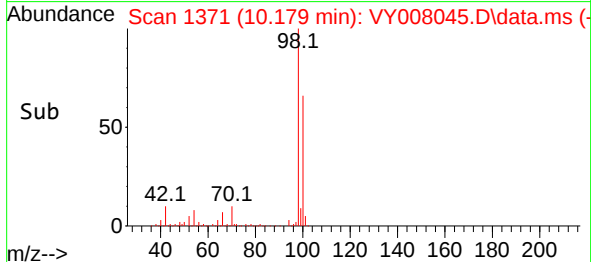
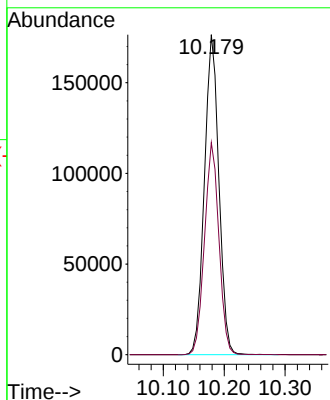
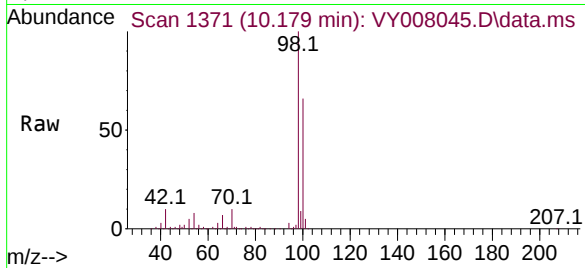




#50
Toluene-d8
Concen: 50.981 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

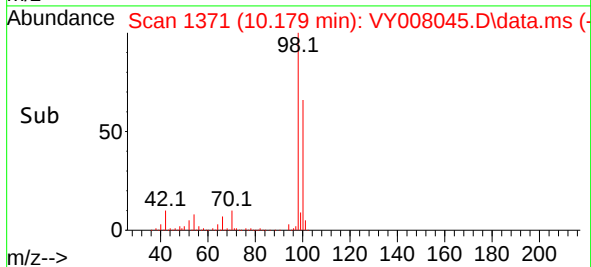
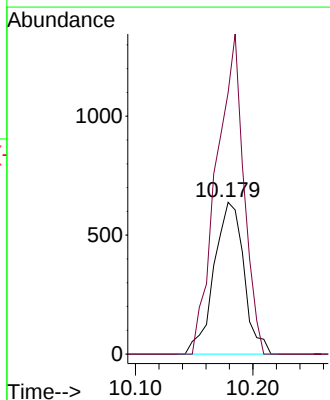
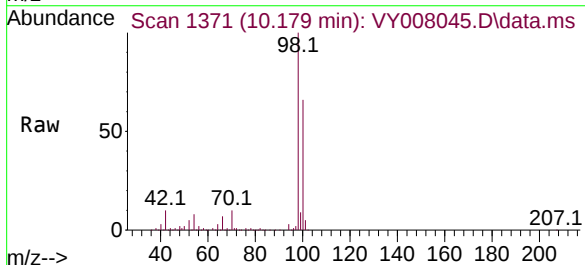
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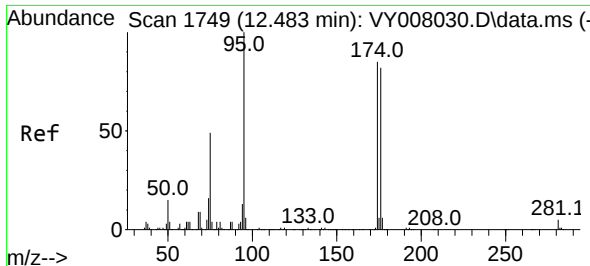
Tgt Ion: 98 Resp: 291474
Ion Ratio Lower Upper
98 100
100 66.0 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.022 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.110 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

Tgt Ion: 43 Resp: 1127
Ion Ratio Lower Upper
43 100
58 193.3 28.1 42.1#

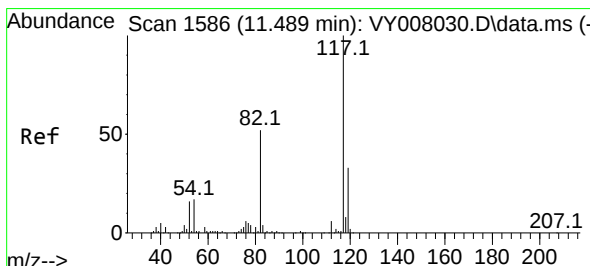
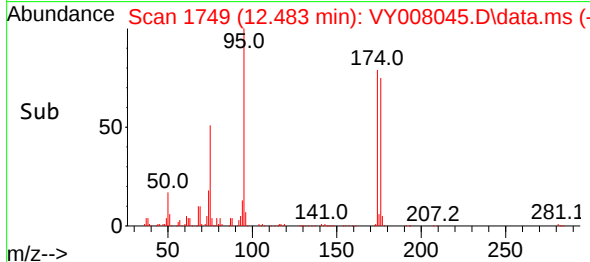
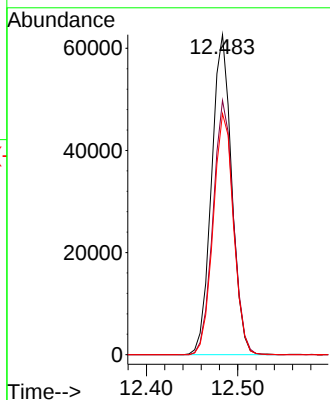
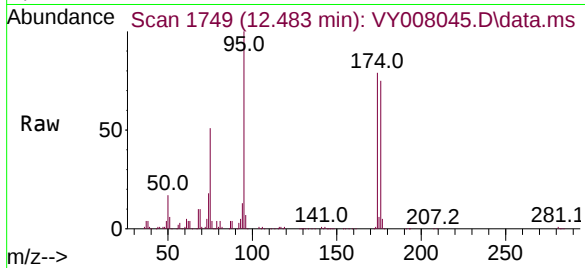




#62
4-Bromofluorobenzene
Concen: 47.502 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

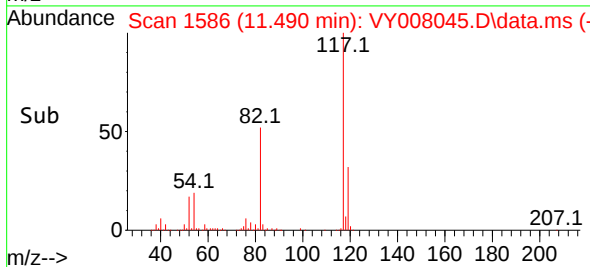
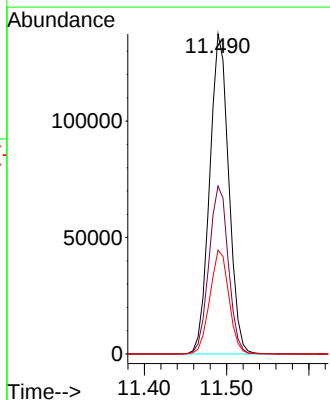
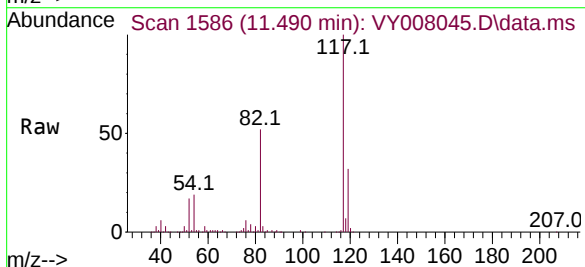
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-4.0-5.0

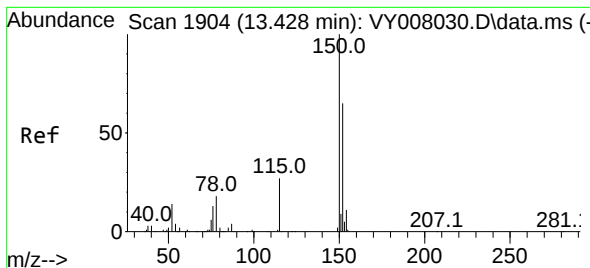
Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.2	0.0	177.0
176	76.1	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY008045.D
Acq: 26 Mar 2022 14:52

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.0	64.4
119	32.4	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: VY008045.D

Acq: 26 Mar 2022 14:52

Instrument :

MSVOA_Y

ClientSampleId :

SB-06-4.0-5.0

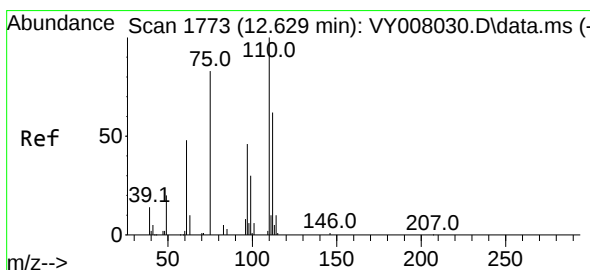
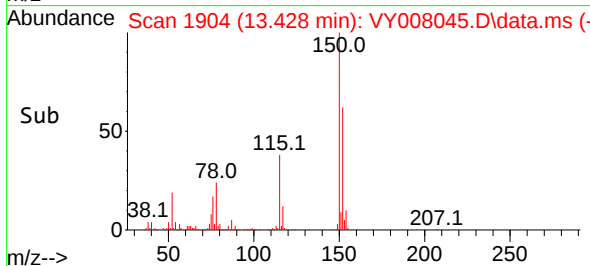
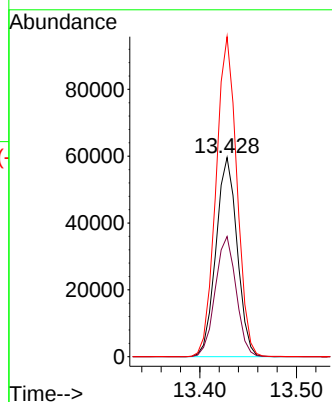
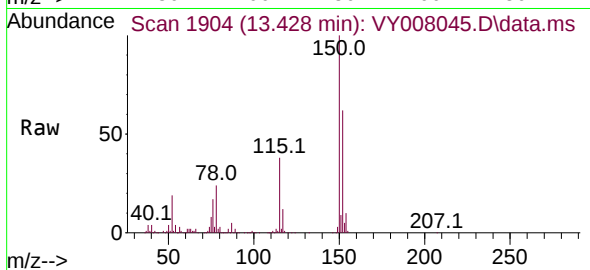
Tgt Ion:152 Resp: 90601

Ion Ratio Lower Upper

152 100

115 59.6 28.2 84.7

150 158.4 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 45.152 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY008045.D

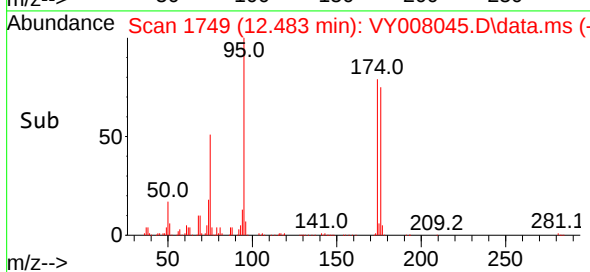
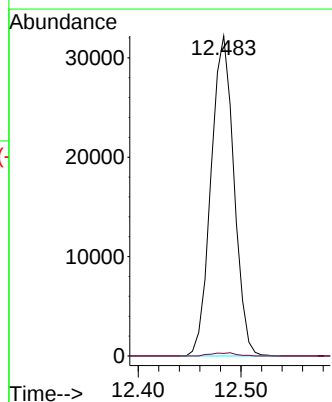
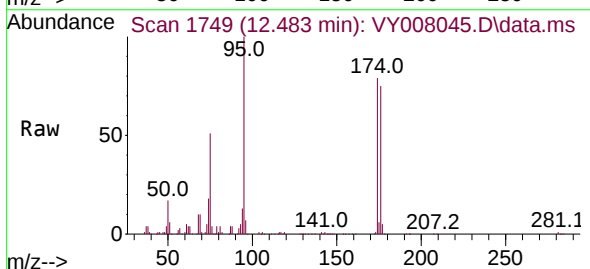
Acq: 26 Mar 2022 14:52

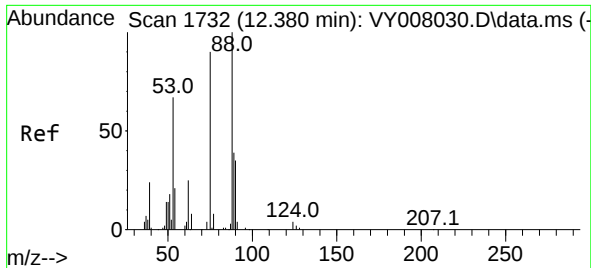
Tgt Ion: 75 Resp: 49867

Ion Ratio Lower Upper

75 100

77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 100.741 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008045.D
 Acq: 26 Mar 2022 14:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-4.0-5.0

Tgt Ion: 75 Resp: 49867
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

