

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050422\
 Data File : VY008629.D
 Acq On : 04 May 2022 22:57
 Operator : KP/MD
 Sample : VY0504SBL02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBL02

Quant Time: May 05 04:40:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

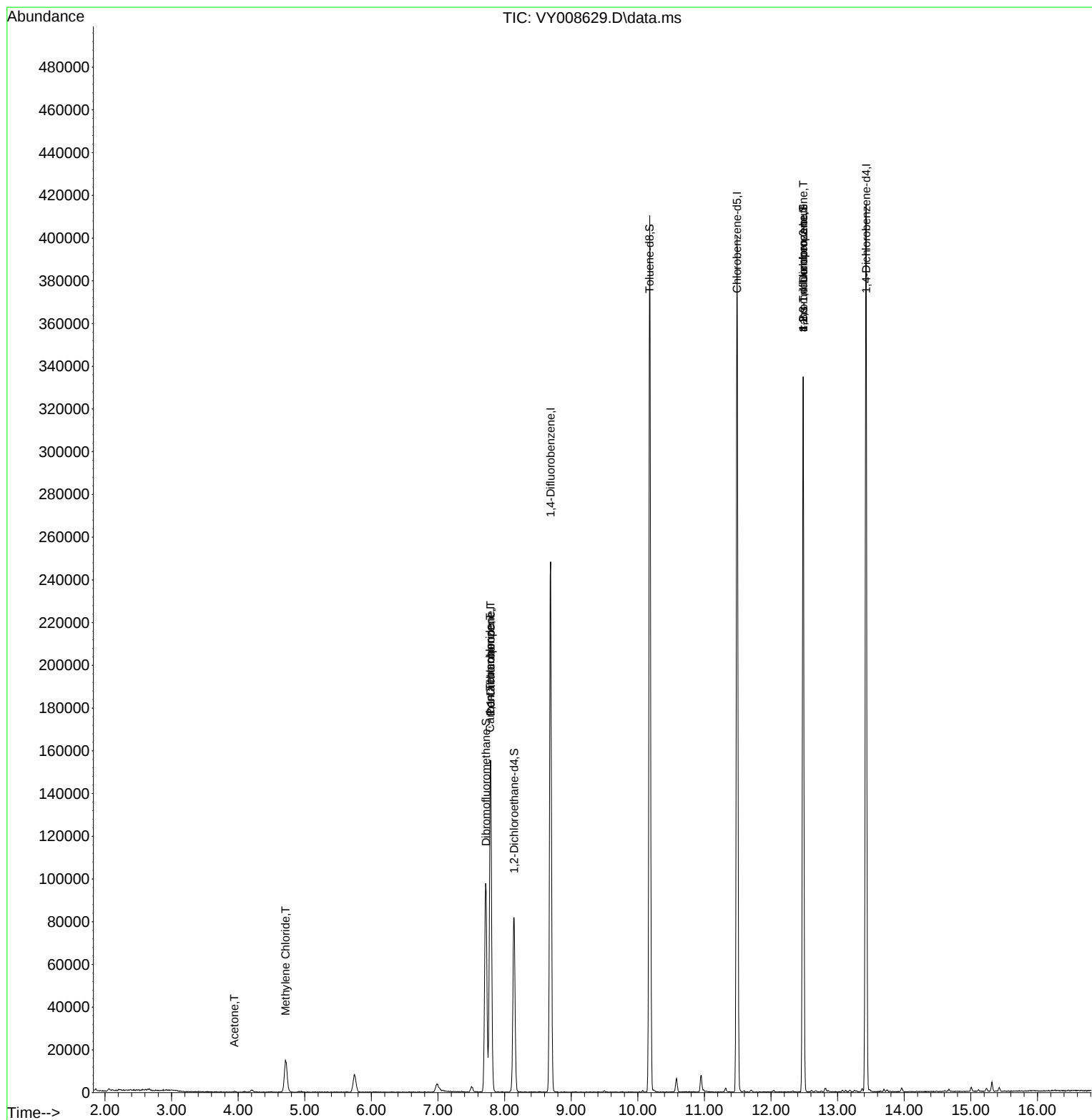
Internal Standards						
1) Pentafluorobenzene	7.789	168	133767	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	231055	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	235382	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	116038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	63027	48.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.960%
35) Dibromofluoromethane	7.722	113	72554	47.455	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.920%
50) Toluene-d8	10.179	98	277583	51.247	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.500%
62) 4-Bromofluorobenzene	12.483	95	98799	49.765	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.540%
Target Compounds						
					Qvalue	
5) Bromomethane	2.668	94	431	Below Cal		90
11) Tert butyl alcohol	4.948	59	334	Below Cal	#	77
16) Acetone	3.942	43	559	1.996	ug/l	100
18) Methyl Acetate	4.479	43	385	Below Cal	#	56
20) Methylene Chloride	4.710	84	12243	1.491	ug/l	# 75
36) 1,1-Dichloropropene	7.789	75	8758	3.684	ug/l	# 49
38) Carbon Tetrachloride	7.783	117	12375	4.563	ug/l	# 14
76) 1,2,3-Trichloropropane	12.483	75	47881	38.655	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	47881	78.369	ug/l	# 7

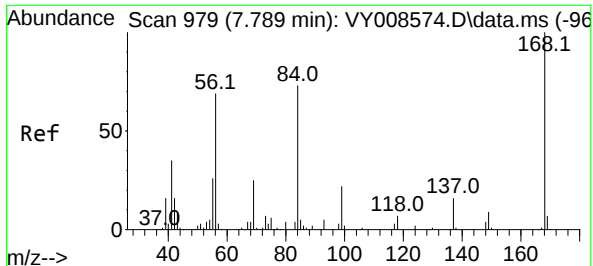
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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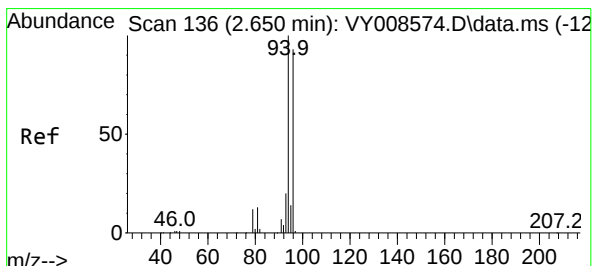
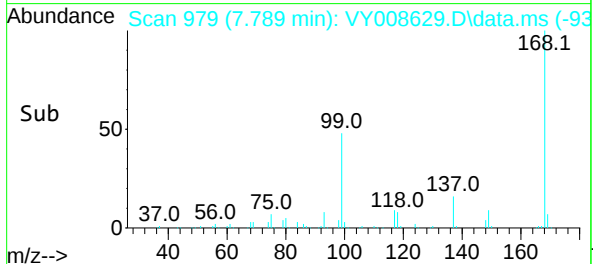
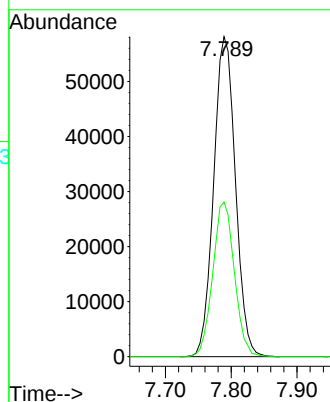
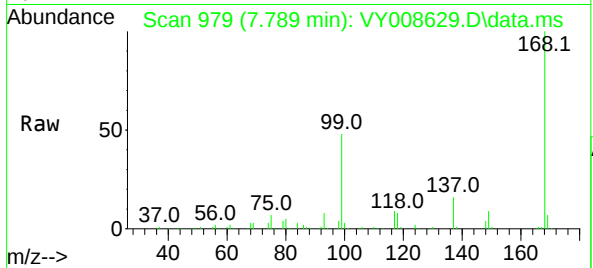




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008629.D
Acq: 04 May 2022 22:57

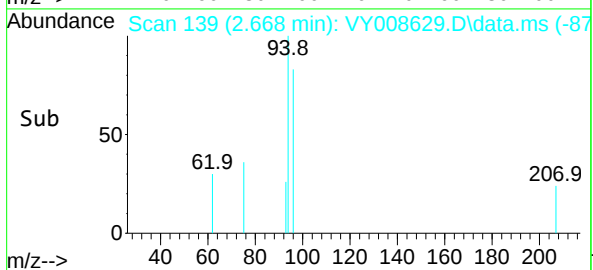
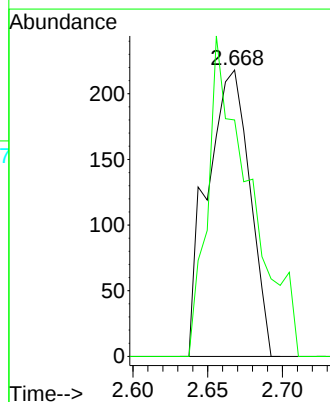
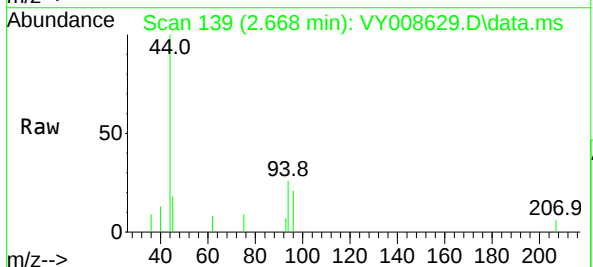
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL02

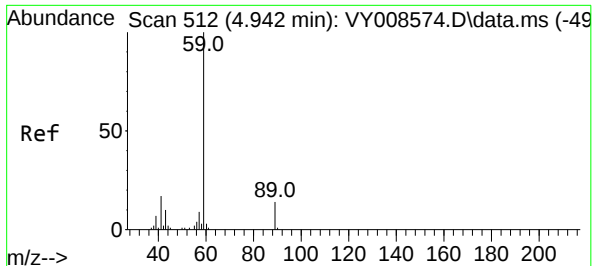
Tgt Ion:168 Resp: 133767
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#5
Bromomethane
Concen: Below Cal
RT: 2.668 min Scan# 139
Delta R.T. 0.018 min
Lab File: VY008629.D
Acq: 04 May 2022 22:57

Tgt Ion: 94 Resp: 431
Ion Ratio Lower Upper
94 100
96 82.6 73.5 110.3





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY008629.D

Acq: 04 May 2022 22:57

Instrument :

MSVOA_Y

ClientSampleId :

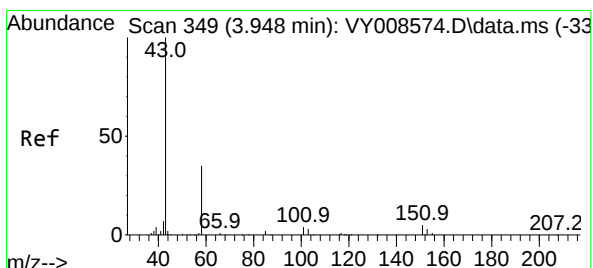
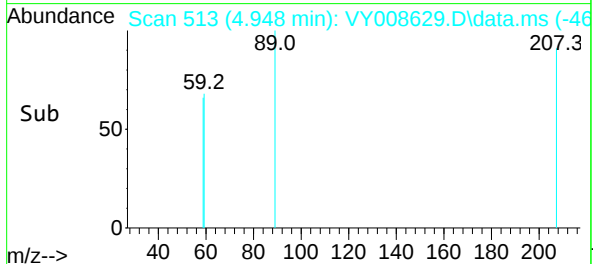
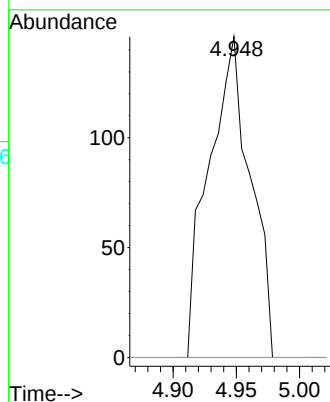
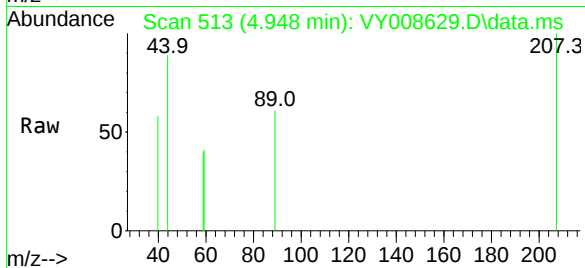
VY0504SBL02

Tgt Ion: 59 Resp: 334

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 1.996 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY008629.D

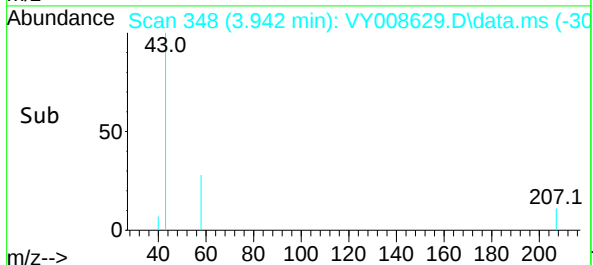
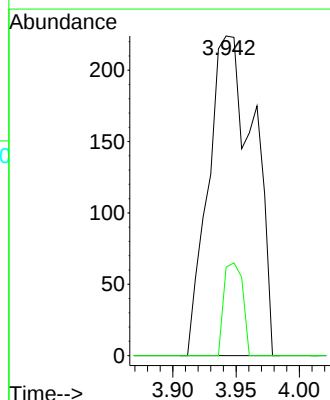
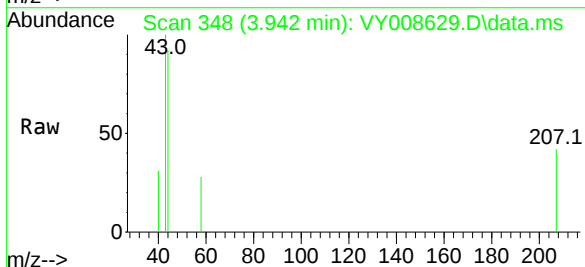
Acq: 04 May 2022 22:57

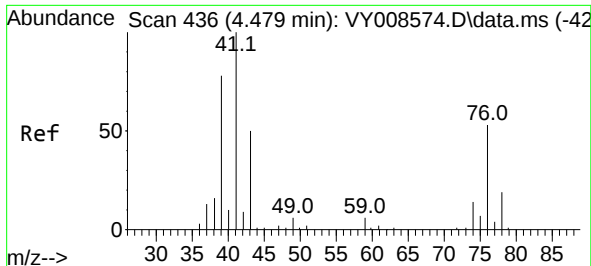
Tgt Ion: 43 Resp: 559

Ion Ratio Lower Upper

43 100

58 27.7 22.0 33.0

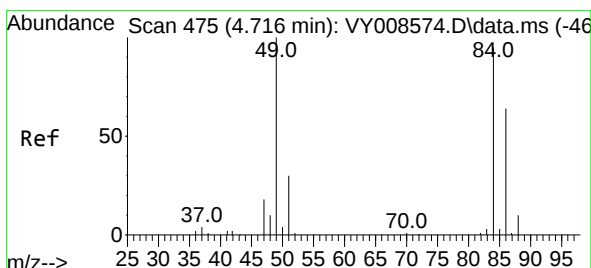
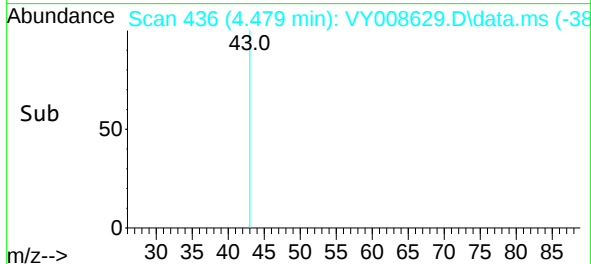
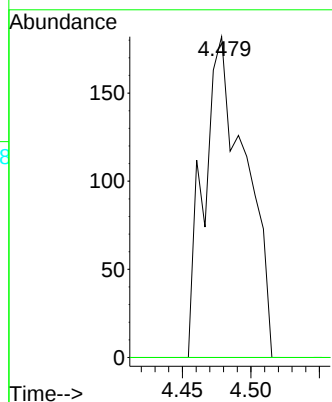
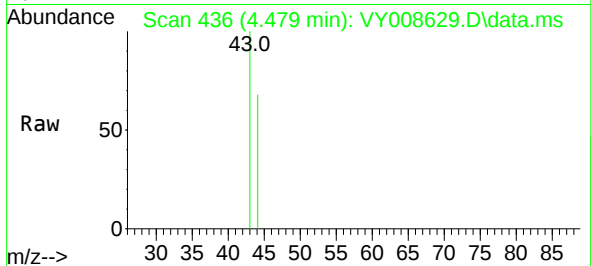




#18
Methyl Acetate
Concen: Below Cal
RT: 4.479 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY008629.D
Acq: 04 May 2022 22:57

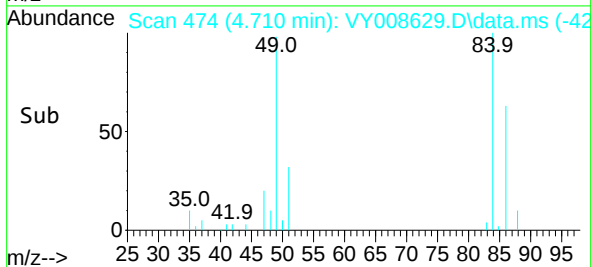
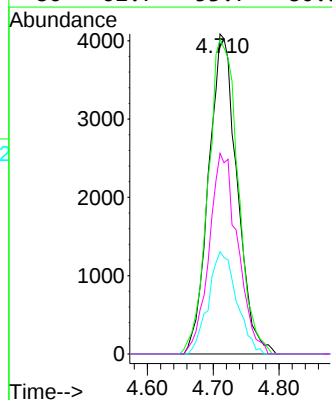
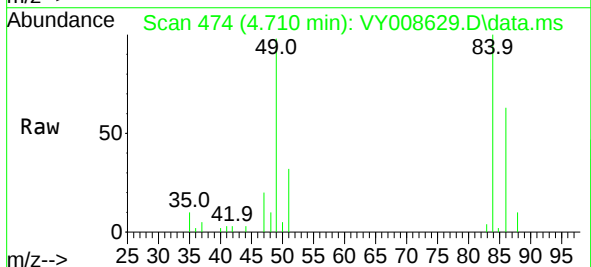
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL02

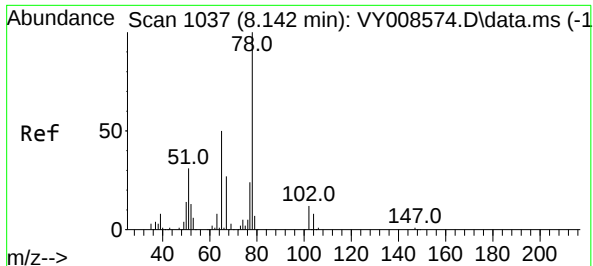
Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 1.491 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY008629.D
Acq: 04 May 2022 22:57

Tgt Ion: 84 Resp: 12243
Ion Ratio Lower Upper
84 100
49 98.3 114.4 171.6#
51 32.0 35.3 52.9#
86 62.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 48.478 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY008629.D

Acq: 04 May 2022 22:57

Instrument :

MSVOA_Y

ClientSampleId :

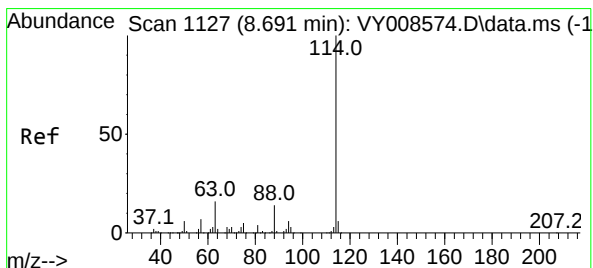
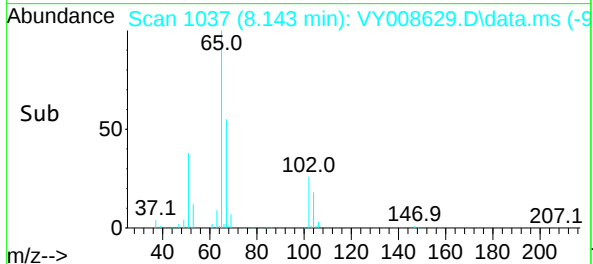
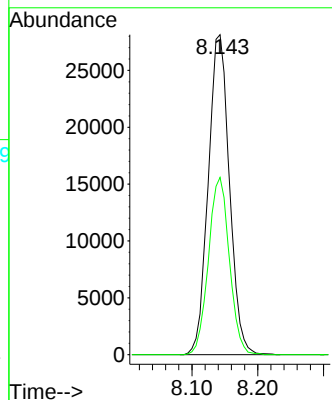
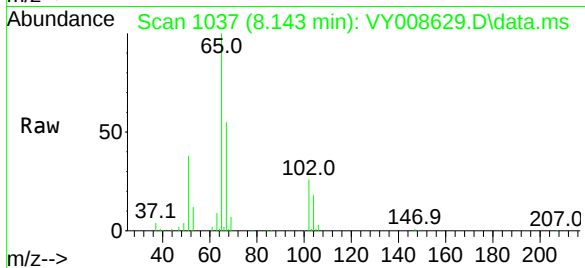
VY0504SBL02

Tgt Ion: 65 Resp: 63027

Ion Ratio Lower Upper

65 100

67 54.6 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: VY008629.D

Acq: 04 May 2022 22:57

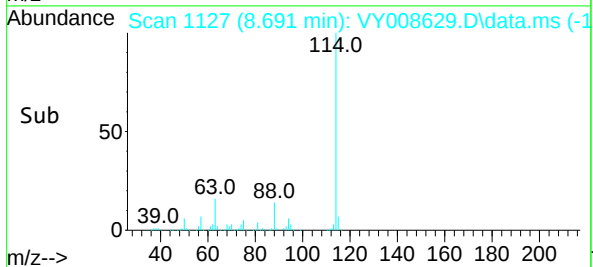
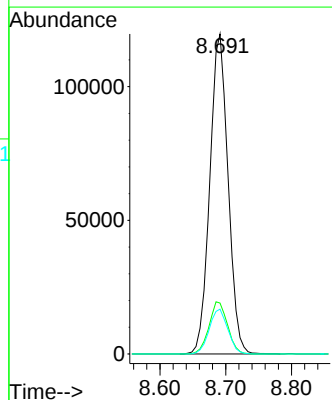
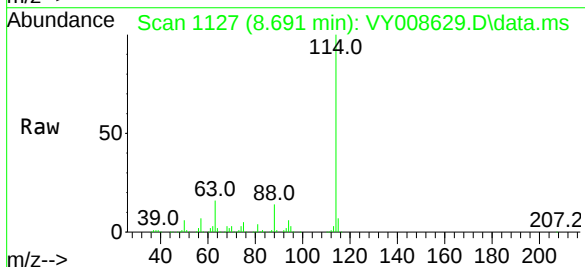
Tgt Ion: 114 Resp: 231055

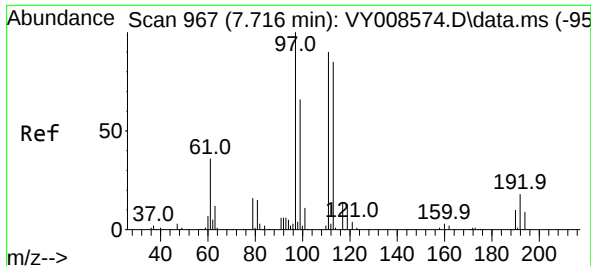
Ion Ratio Lower Upper

114 100

63 15.9 0.0 43.2

88 14.0 0.0 31.8

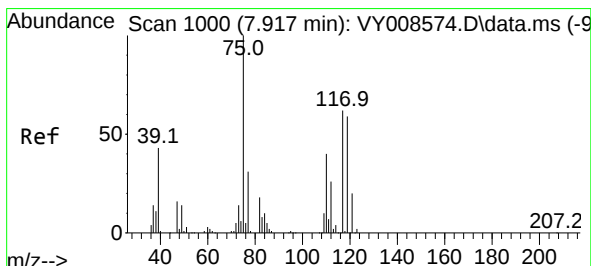
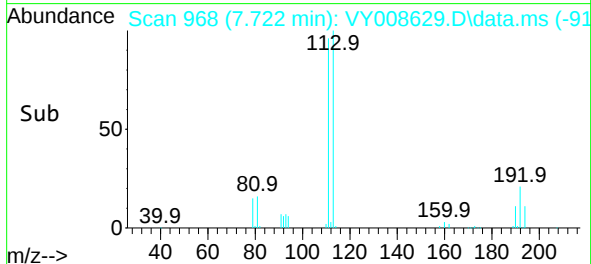
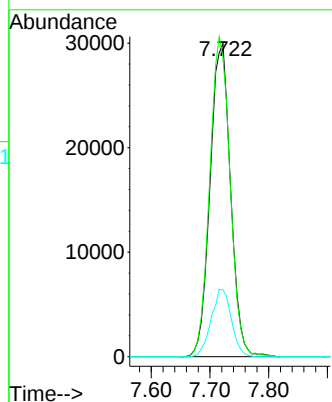
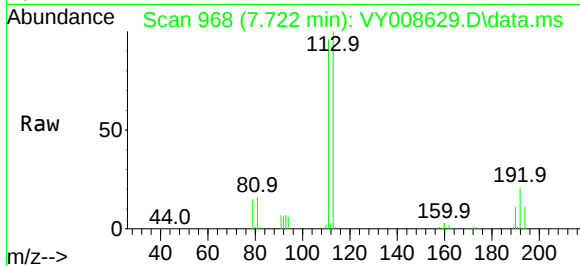




#35
Dibromofluoromethane
Concen: 47.455 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY008629.D
Acq: 04 May 2022 22:57

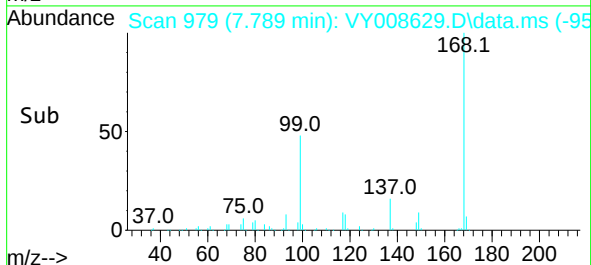
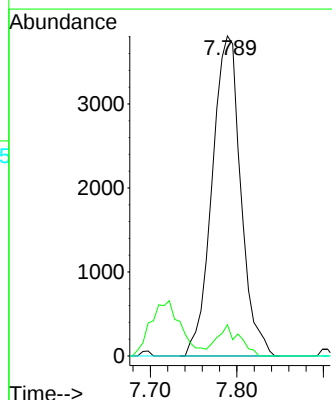
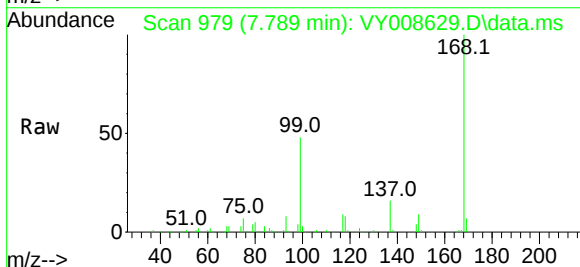
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL02

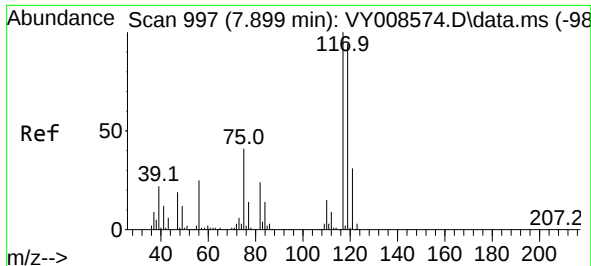
Tgt Ion:113 Resp: 72554
Ion Ratio Lower Upper
113 100
111 101.5 82.6 124.0
192 21.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 3.684 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008629.D
Acq: 04 May 2022 22:57

Tgt Ion: 75 Resp: 8758
Ion Ratio Lower Upper
75 100
110 7.5 17.1 51.2#
77 0.0 24.4 36.6#

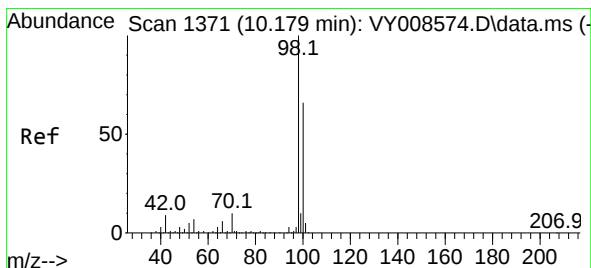
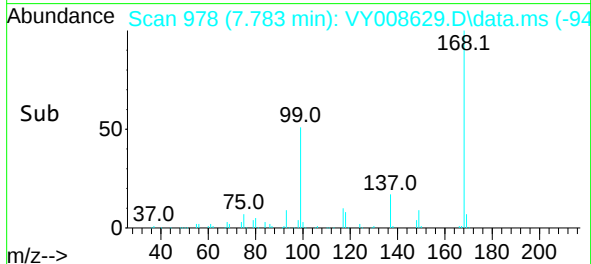
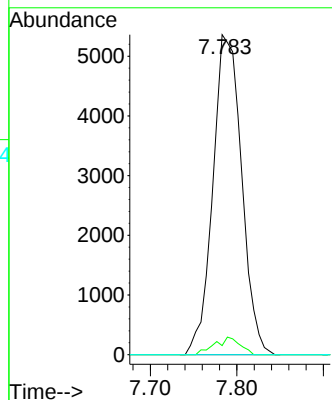
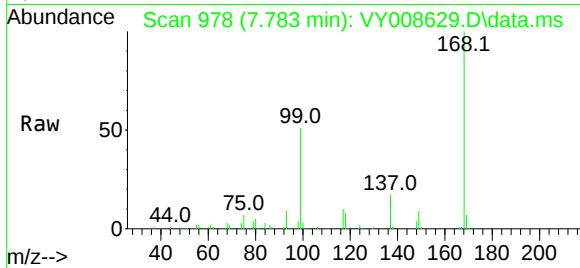




#38
Carbon Tetrachloride
Concen: 4.563 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008629.D
Acq: 04 May 2022 22:57

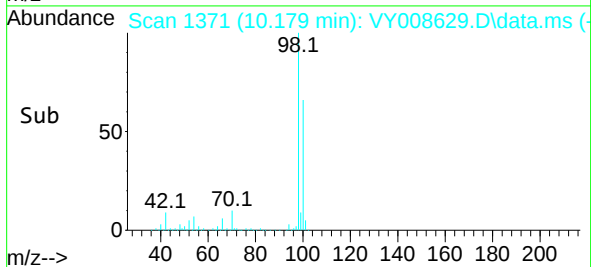
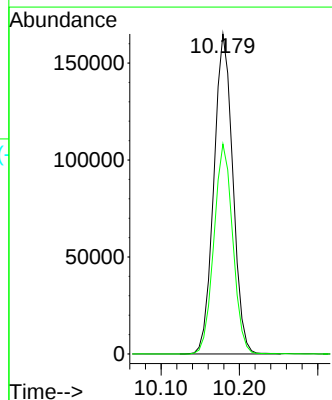
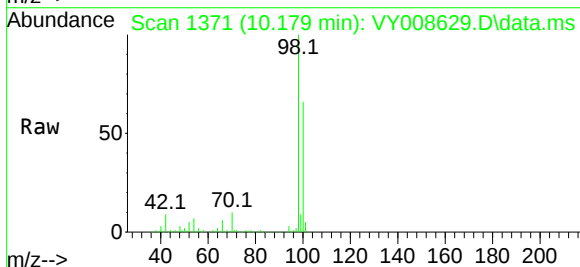
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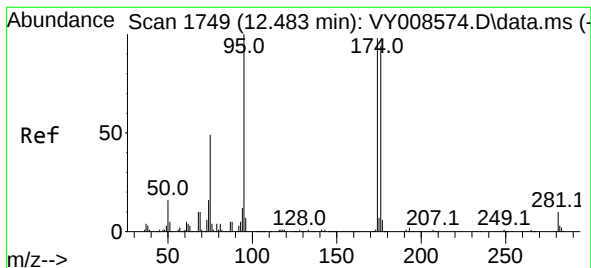
Tgt Ion:117 Resp: 12375
Ion Ratio Lower Upper
117 100
119 2.9 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 51.247 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008629.D
Acq: 04 May 2022 22:57

Tgt Ion: 98 Resp: 277583
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2

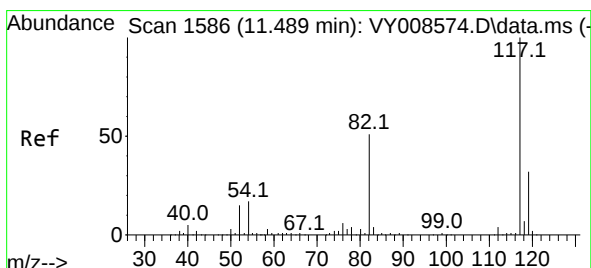
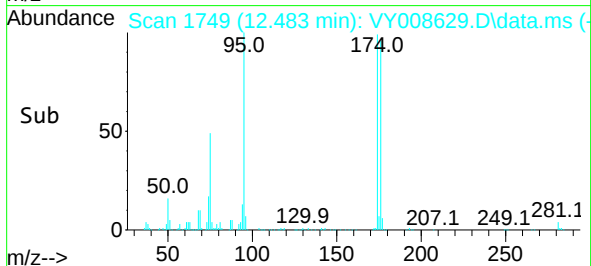
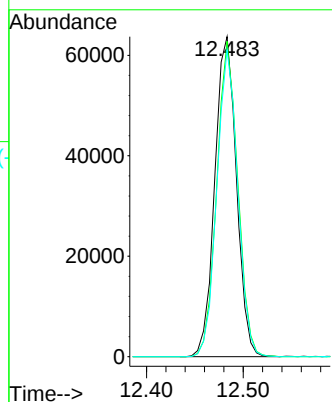
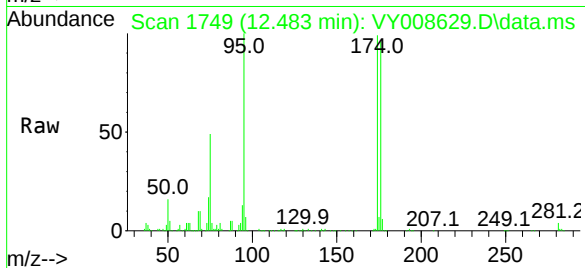




#62
4-Bromofluorobenzene
Concen: 49.765 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008629.D
Acq: 04 May 2022 22:57

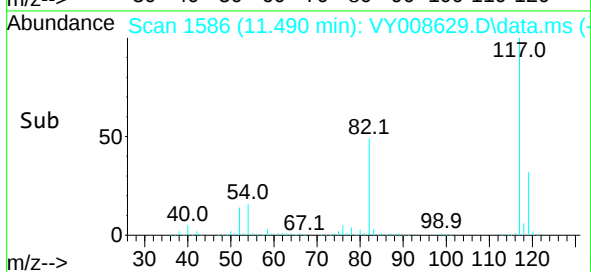
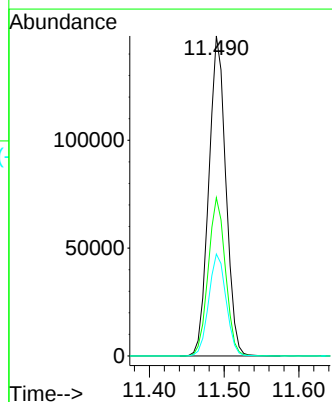
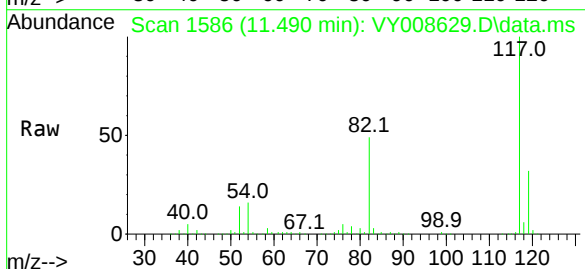
Instrument :
MSVOA_Y
ClientSampleId :
VY0504SBL02

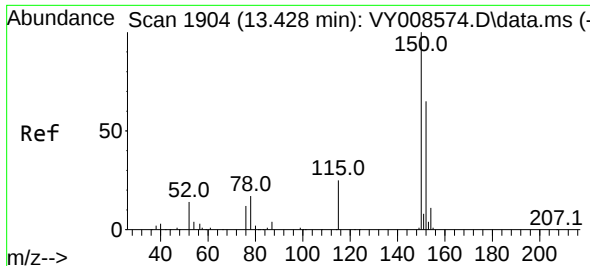
Tgt Ion: 95 Resp: 98799
Ion Ratio Lower Upper
95 100
174 95.4 0.0 177.0
176 92.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008629.D
Acq: 04 May 2022 22:57

Tgt Ion: 117 Resp: 235382
Ion Ratio Lower Upper
117 100
82 49.4 43.0 64.4
119 31.9 25.4 38.0

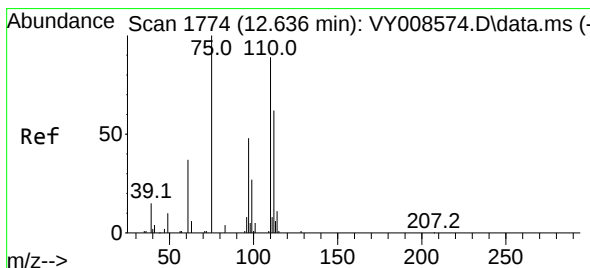
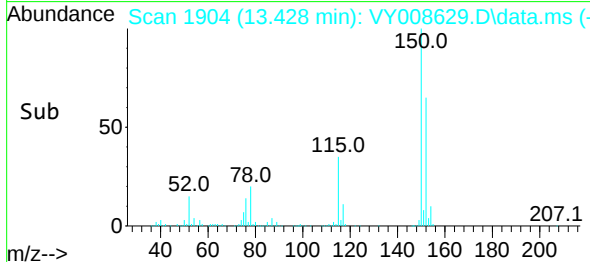
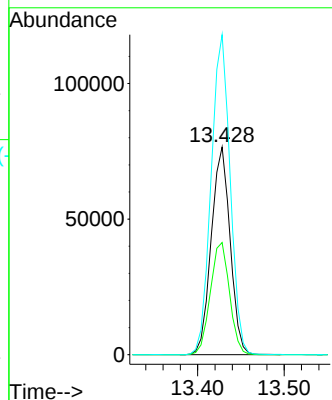
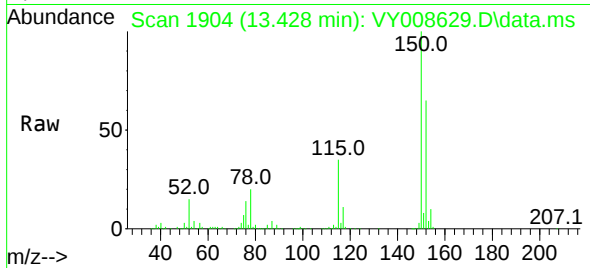




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008629.D
 Acq: 04 May 2022 22:57

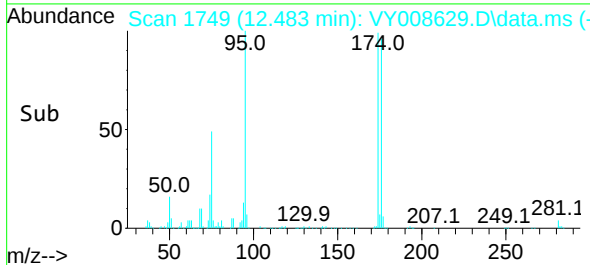
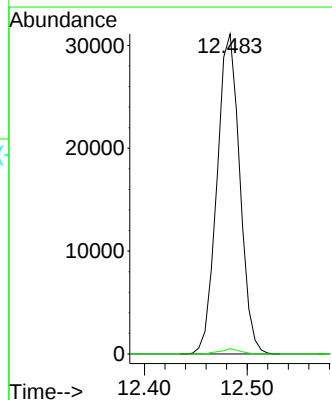
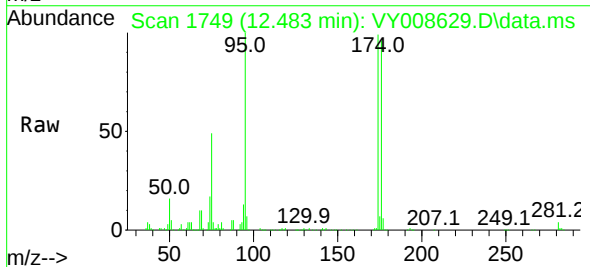
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBL02

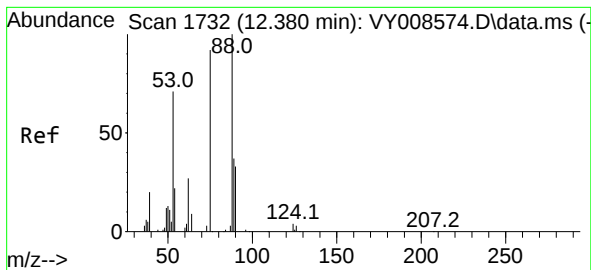
Tgt Ion:152 Resp: 116038
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 155.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 38.655 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY008629.D
 Acq: 04 May 2022 22:57

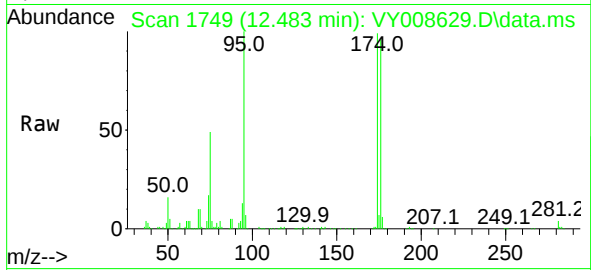
Tgt Ion: 75 Resp: 47881
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 78.369 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008629.D
 Acq: 04 May 2022 22:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0504SBL02



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

