

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008750.D
 Acq On : 13 May 2022 15:38
 Operator : KP/MD
 Sample : N2781-15
 Misc : 6.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS004-0006-01

Quant Time: May 16 05:52:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 2022
 Response via : Initial Calibration

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

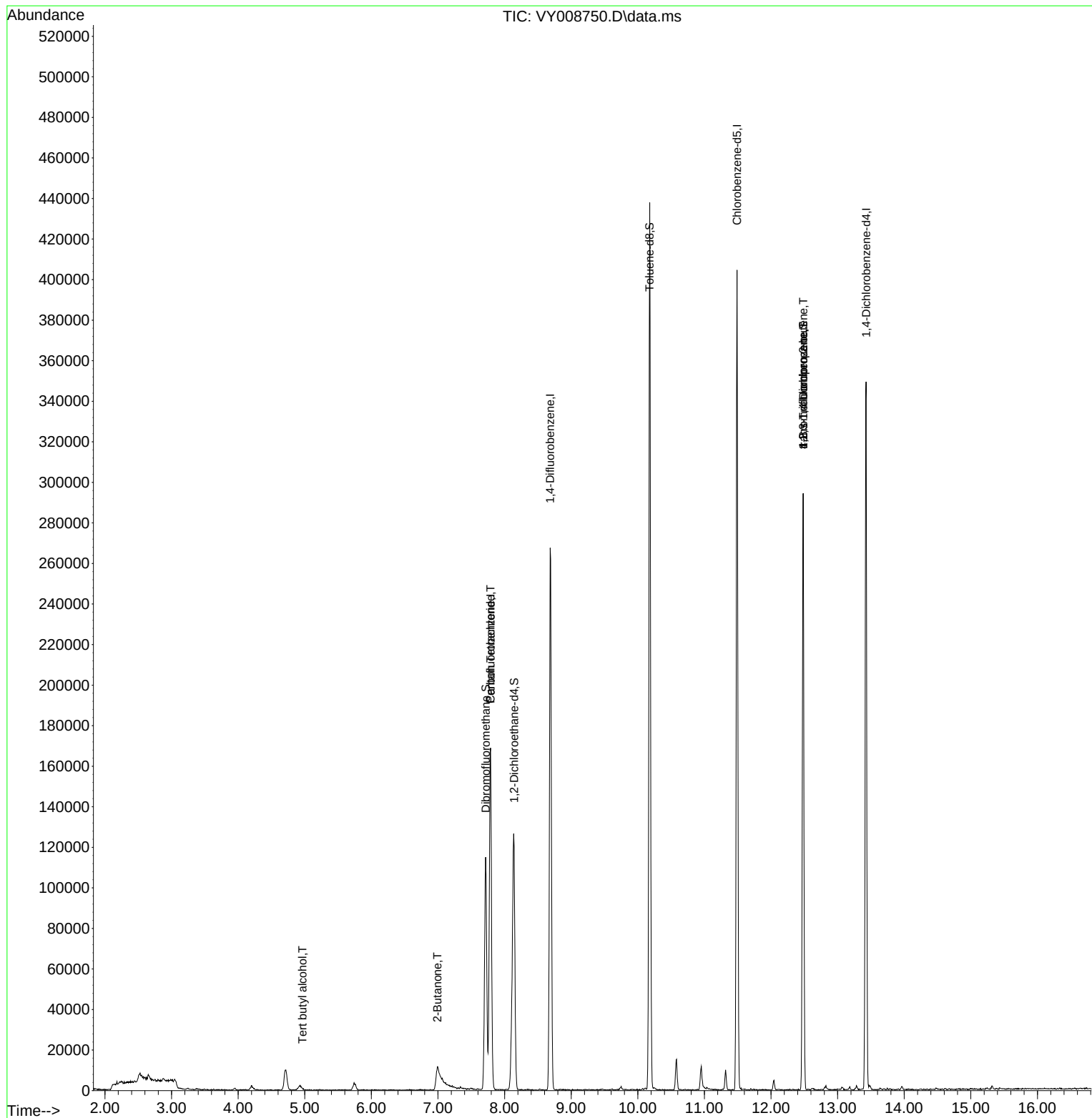
Internal Standards						
1) Pentafluorobenzene	7.789	168	128671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	233839	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	211512	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	84014	65.563	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.120%			
35) Dibromofluoromethane	7.716	113	77096	54.932	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.860%			
50) Toluene-d8	10.179	98	277386	52.408	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.820%			
62) 4-Bromofluorobenzene	12.483	95	81855	44.637	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 89.280%			
Target Compounds						
2) Dichlorodifluoromethane	1.906	85	118	Below Cal	#	42
3) Chloromethane	2.119	50	428	Below Cal	#	41
4) Vinyl Chloride	2.266	62	21	Below Cal	#	1
5) Bromomethane	2.656	94	1062	Below Cal	#	73
6) Chloroethane	2.796	64	26	Below Cal	#	42
11) Tert butyl alcohol	4.966	59	840	2.814 ug/l	#	76
18) Methyl Acetate	4.497	43	27	Below Cal	#	49
20) Methylene Chloride	4.710	84	7670	Below Cal		95
25) 2-Butanone	6.990	43	948	2.086 ug/l	#	43
31) Cyclohexane	7.783	56	3086	Below Cal	#	17
38) Carbon Tetrachloride	7.789	117	13140	5.549 ug/l	#	14
76) 1,2,3-Trichloropropane	12.483	75	46297	52.719 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.483	75	46297	101.848 ug/l	#	16

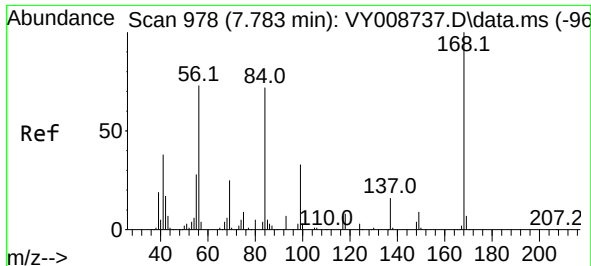
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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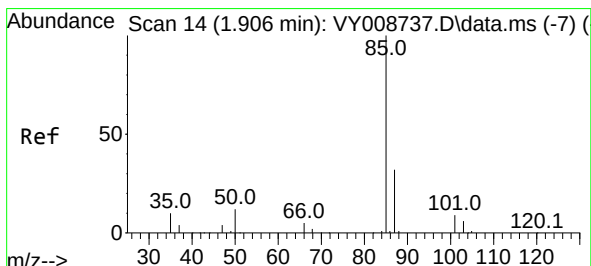
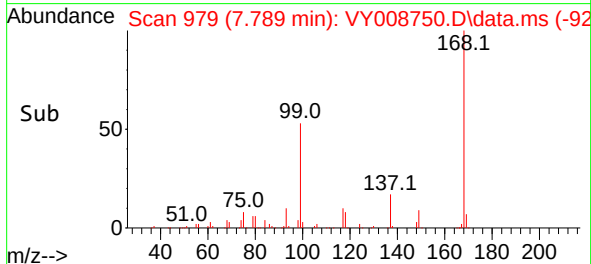
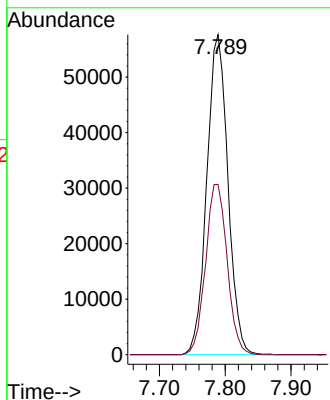
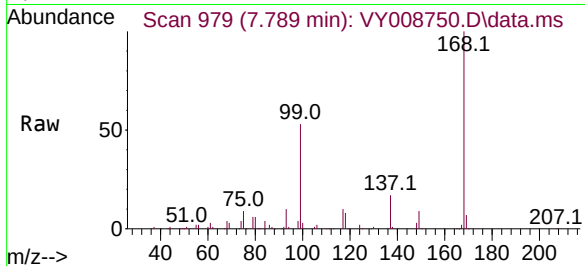




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

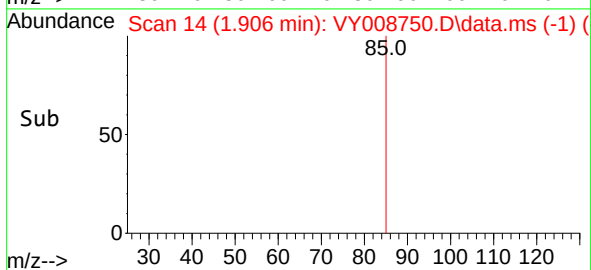
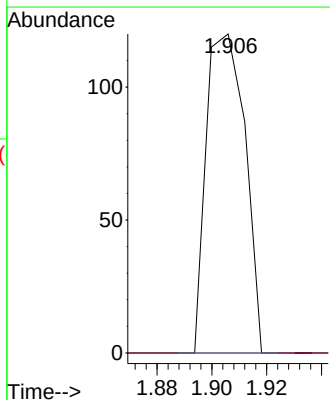
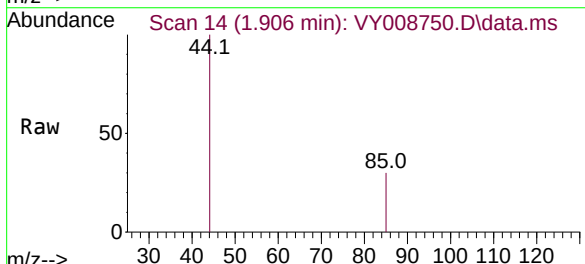
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS004-0006-01

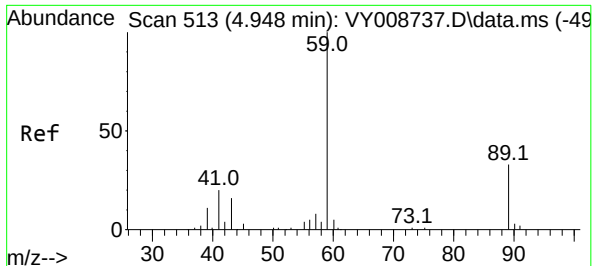
Tgt Ion:168 Resp: 128671
Ion Ratio Lower Upper
168 100
99 53.2 42.3 63.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

Tgt Ion: 85 Resp: 118
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#





#11

Tert butyl alcohol

Concen: 2.814 ug/l

RT: 4.966 min Scan# 51

Delta R.T. 0.018 min

Lab File: VY008750.D

Acq: 13 May 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

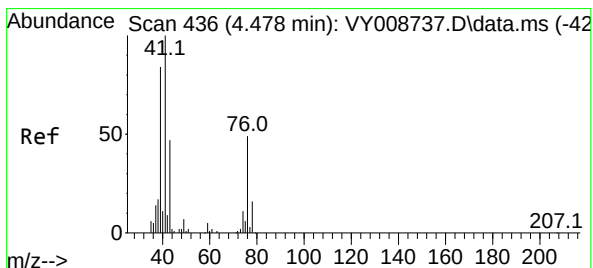
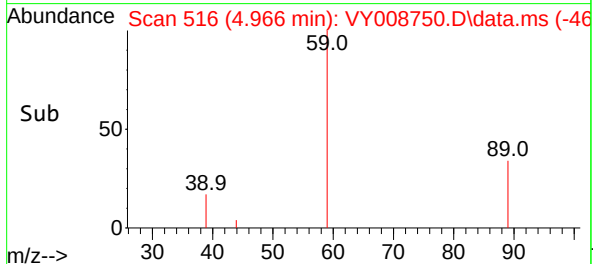
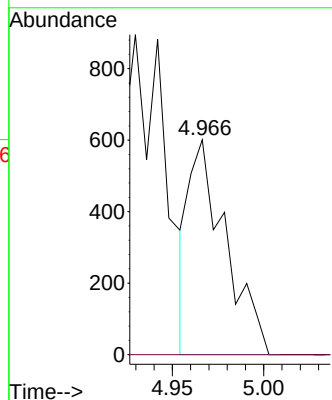
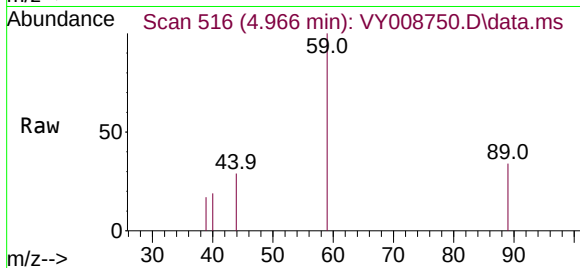
P011-SS004-0006-01

Tgt Ion: 59 Resp: 840

Ion Ratio Lower Upper

59 100

57 0.0 6.7 10.1#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.497 min Scan# 439

Delta R.T. 0.019 min

Lab File: VY008750.D

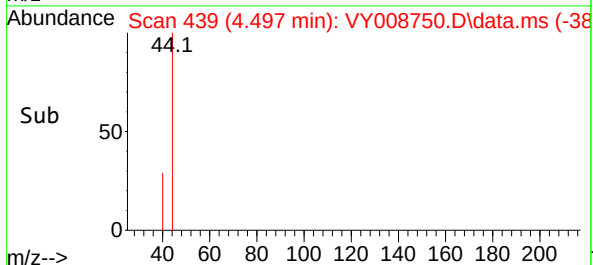
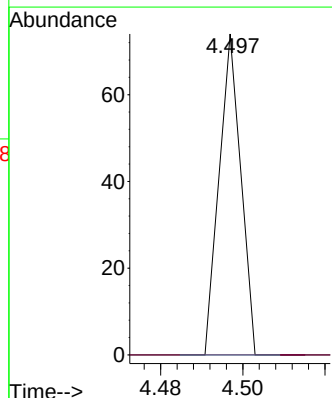
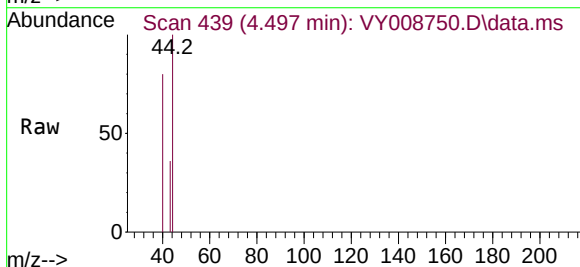
Acq: 13 May 2022 15:38

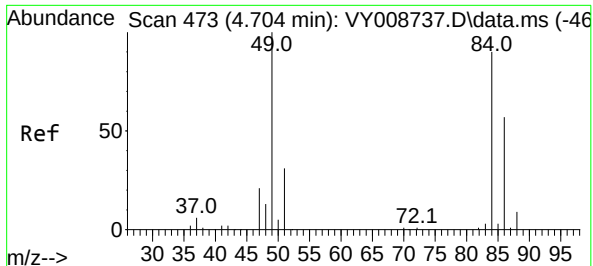
Tgt Ion: 43 Resp: 27

Ion Ratio Lower Upper

43 100

74 0.0 20.6 31.0#



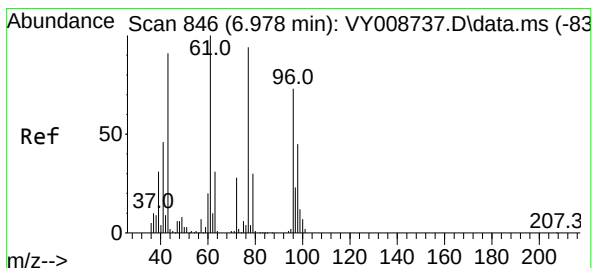
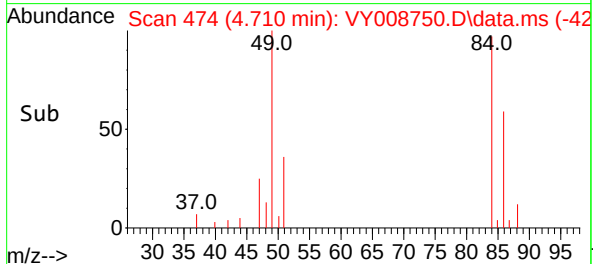
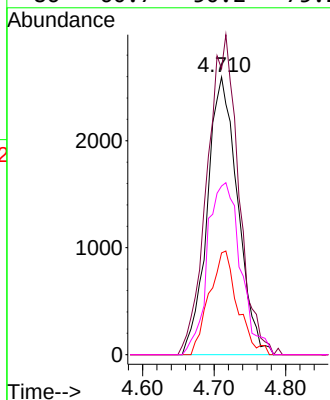
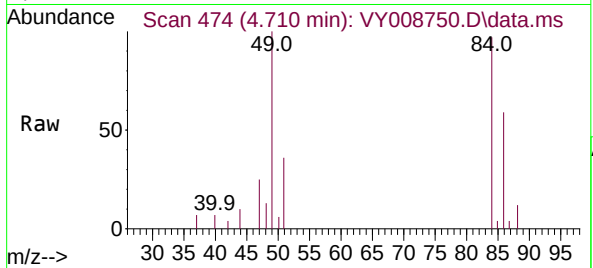


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

Instrument :
MSVOA_Y
ClientSampleId :
P011-SS004-0006-01

Tgt Ion: 84 Resp: 7670

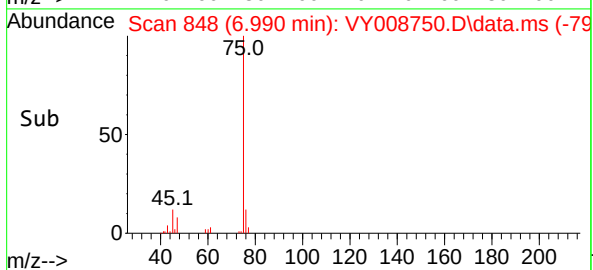
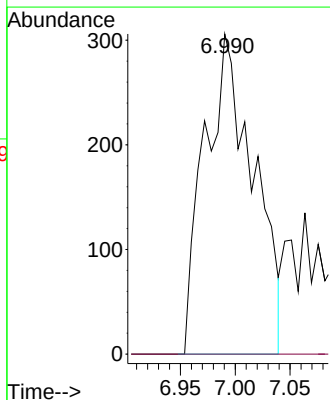
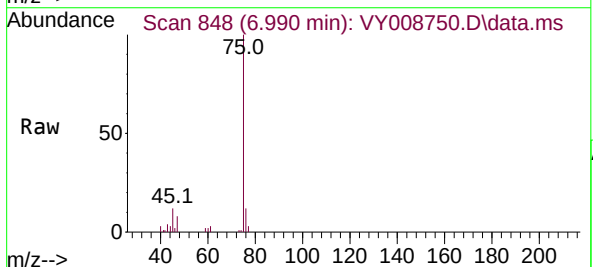
Ion	Ratio	Lower	Upper
84	100		
49	103.0	88.6	133.0
51	36.7	27.4	41.0
86	60.7	50.2	75.2

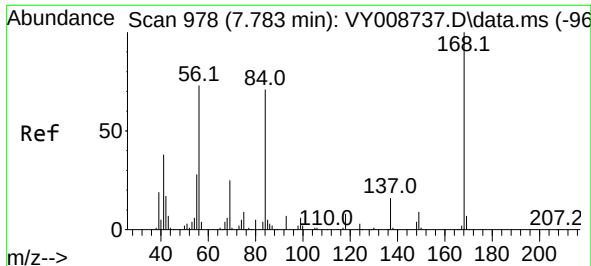


#25
2-Butanone
Concen: 2.086 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.012 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

Tgt Ion: 43 Resp: 948

Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.0	37.4#

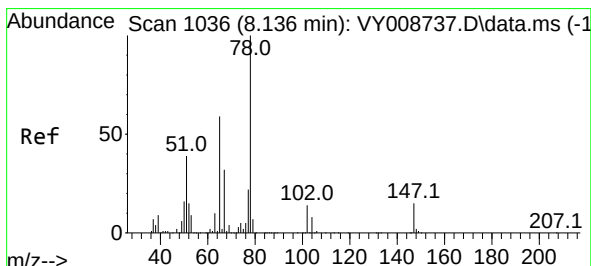
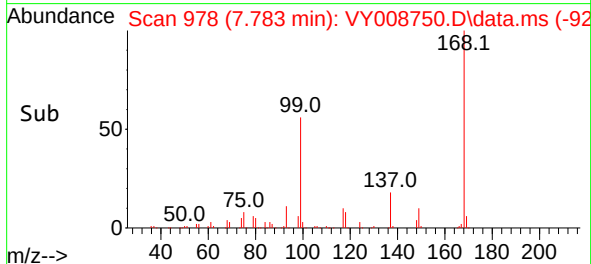
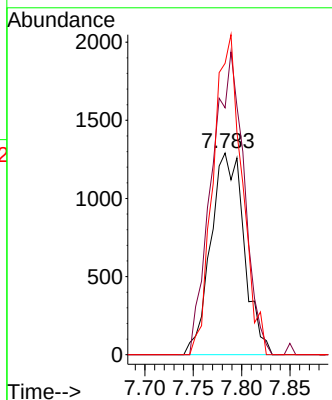
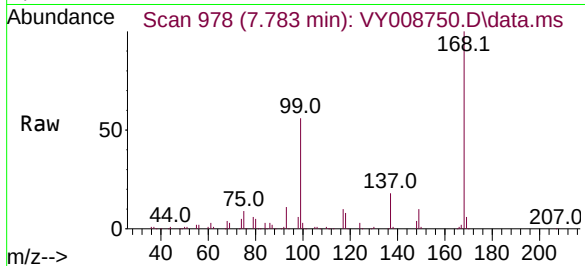




#31
Cyclohexane
Concen: Below Cal
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

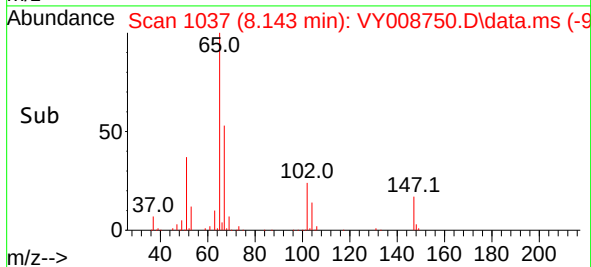
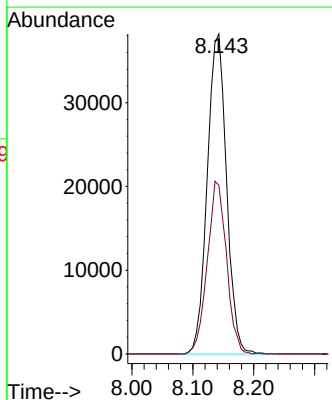
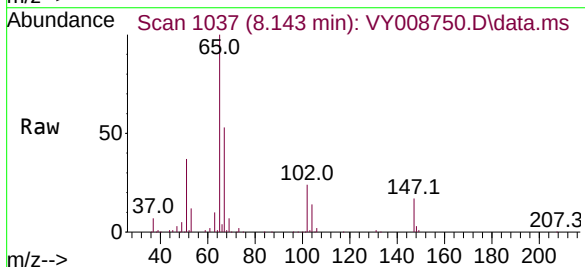
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS004-0006-01

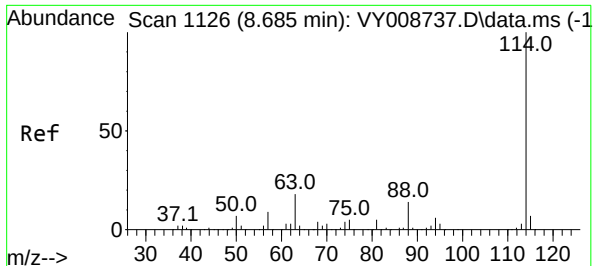
Tgt Ion: 56 Resp: 3086
Ion Ratio Lower Upper
56 100
69 122.5 27.4 41.0#
84 153.4 77.5 116.3#



#33
1,2-Dichloroethane-d4
Concen: 65.563 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

Tgt Ion: 65 Resp: 84014
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.0

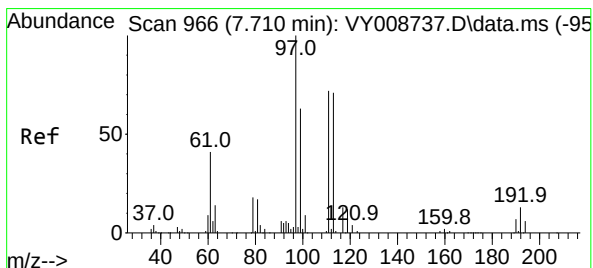
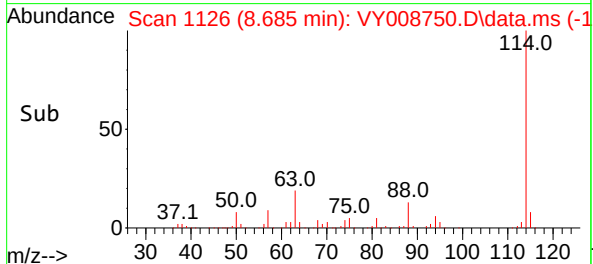
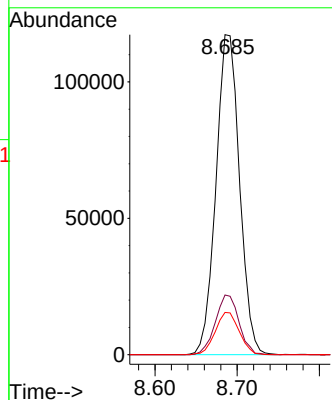
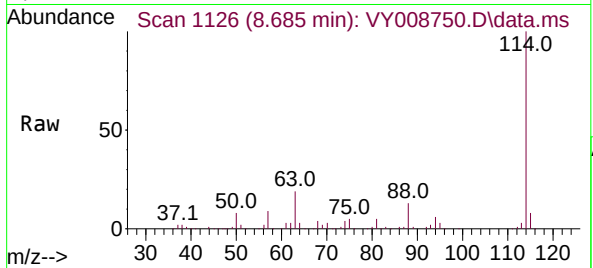




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

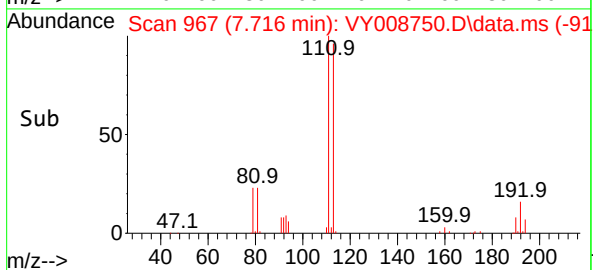
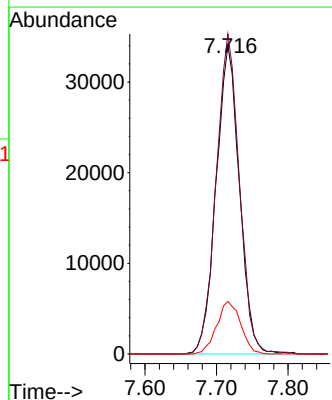
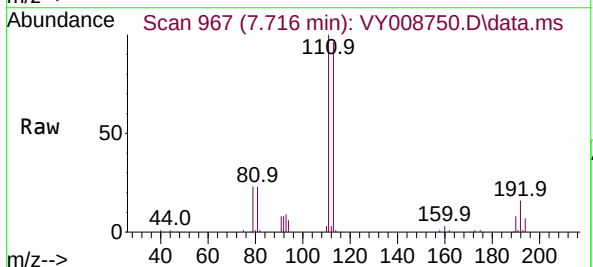
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS004-0006-01

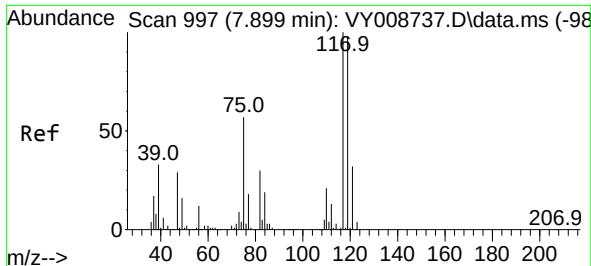
Tgt Ion:114 Resp: 233839
Ion Ratio Lower Upper
114 100
63 18.6 0.0 36.4
88 13.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 54.932 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

Tgt Ion:113 Resp: 77096
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 17.4 14.5 21.7

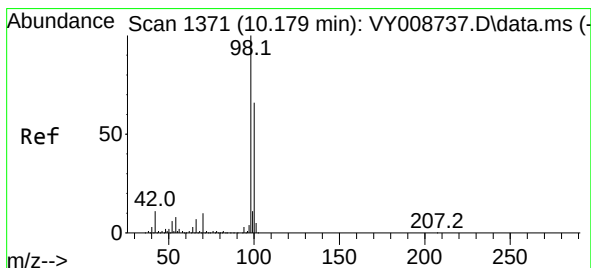
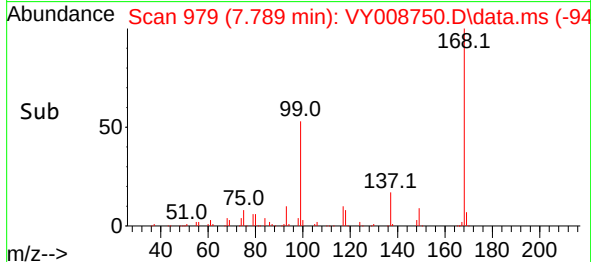
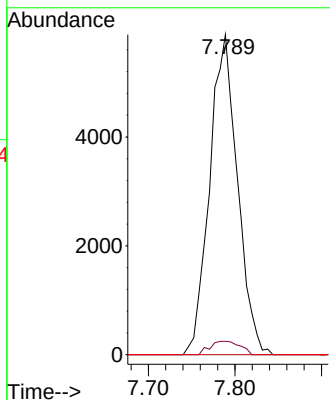
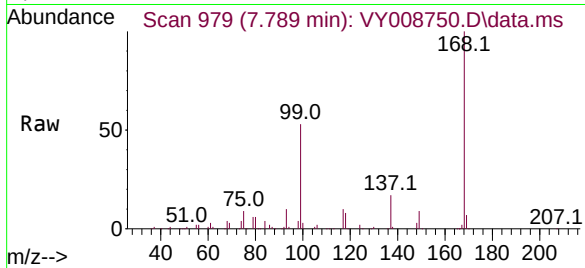




#38
Carbon Tetrachloride
Concen: 5.549 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

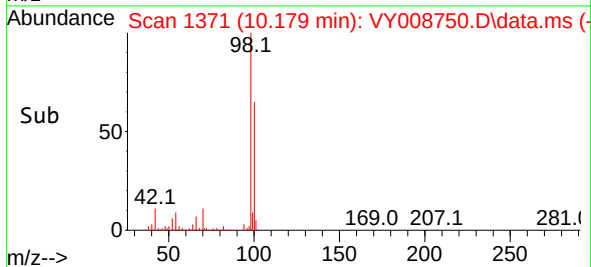
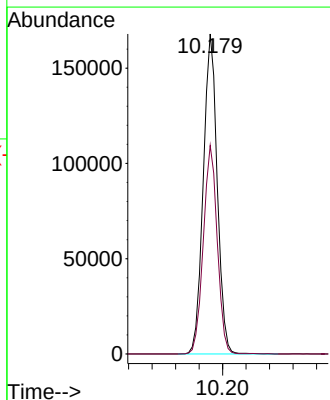
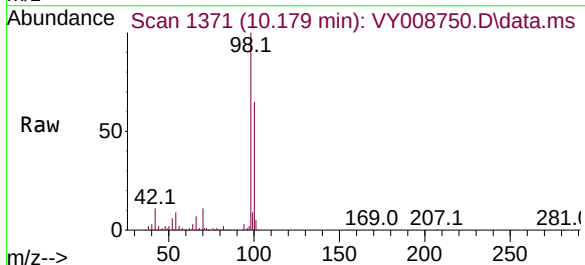
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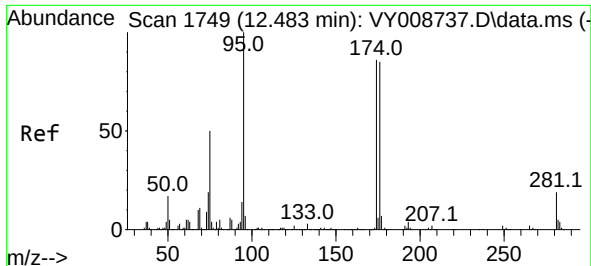
Tgt Ion:117 Resp: 13140
Ion Ratio Lower Upper
117 100
119 4.2 78.5 117.7#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 52.408 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

Tgt Ion: 98 Resp: 277386
Ion Ratio Lower Upper
98 100
100 64.9 52.8 79.2

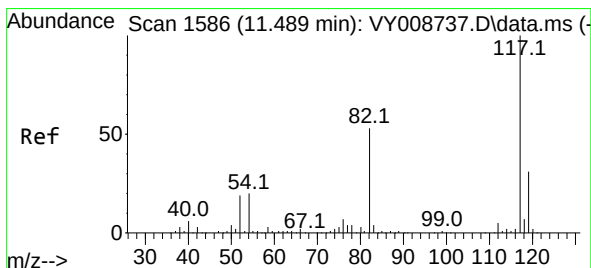
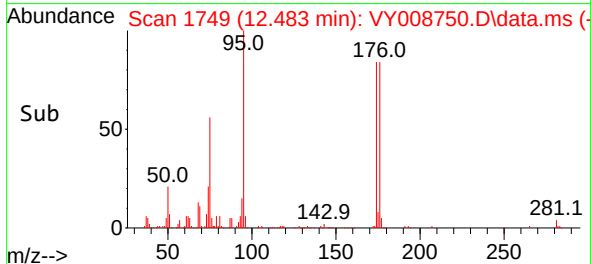
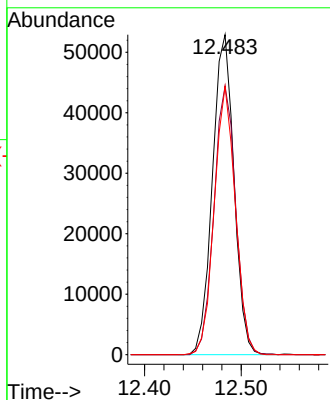
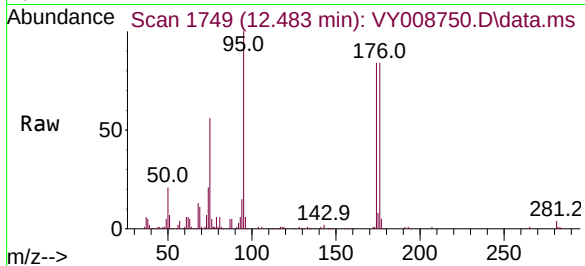




#62
4-Bromofluorobenzene
Concen: 44.637 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

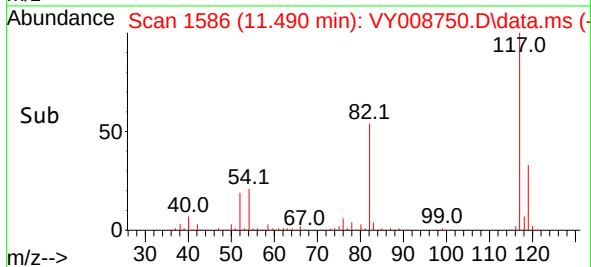
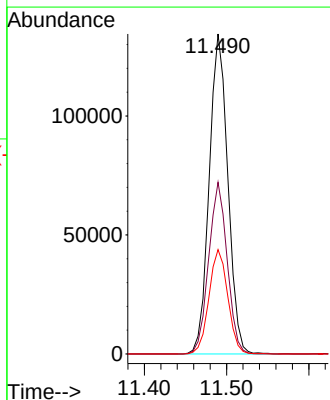
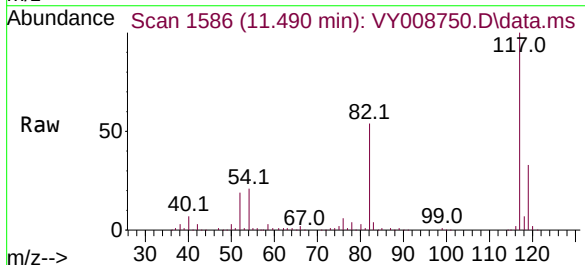
Instrument :
MSVOA_Y
ClientSampleId :
P011-SS004-0006-01

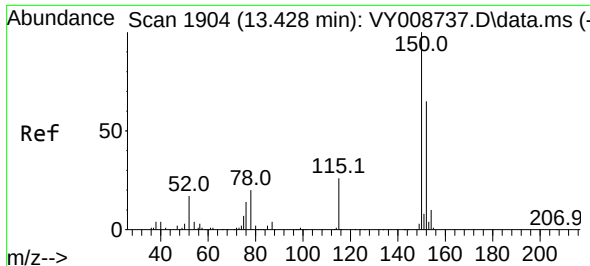
Tgt Ion: 95 Resp: 81855
Ion Ratio Lower Upper
95 100
174 84.7 0.0 171.2
176 82.2 0.0 168.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008750.D
Acq: 13 May 2022 15:38

Tgt Ion: 117 Resp: 211512
Ion Ratio Lower Upper
117 100
82 53.7 42.3 63.5
119 32.6 24.6 37.0

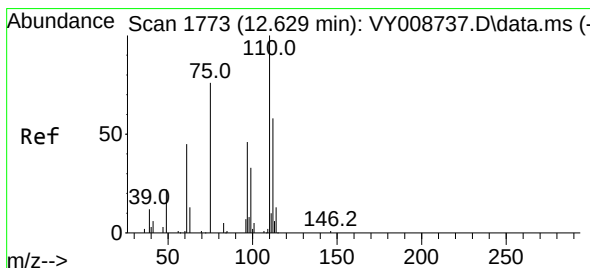
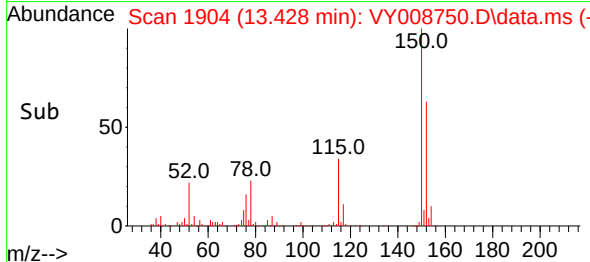
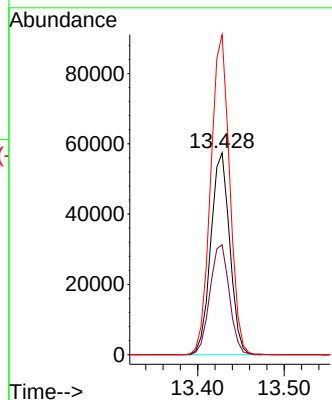
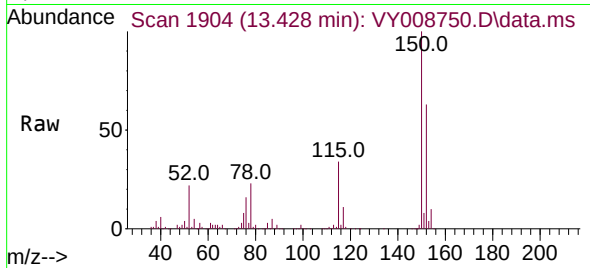




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008750.D
 Acq: 13 May 2022 15:38

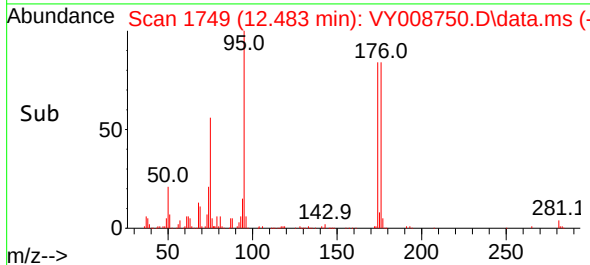
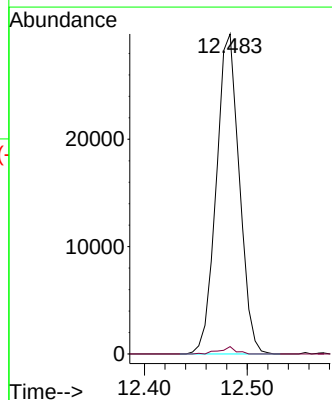
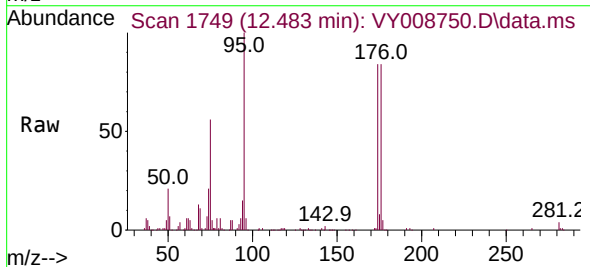
Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS004-0006-01

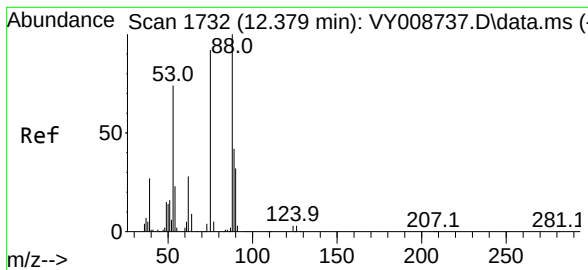
Tgt Ion:152 Resp: 87270
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.2 84.7
 150 158.3 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 52.719 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY008750.D
 Acq: 13 May 2022 15:38

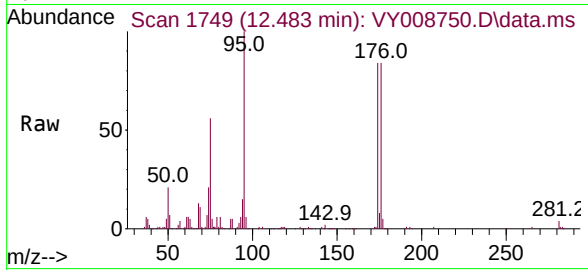
Tgt Ion: 75 Resp: 46297
 Ion Ratio Lower Upper
 75 100
 77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 101.848 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008750.D
 Acq: 13 May 2022 15:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 P011-SS004-0006-01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	66.3	99.5#
89	0.0	36.8	55.2#

