

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
 Data File : VY012388.D
 Acq On : 30 Jan 2023 11:30
 Operator : KP/MD
 Sample : VY0130SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBL01

Quant Time: Jan 31 01:46:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

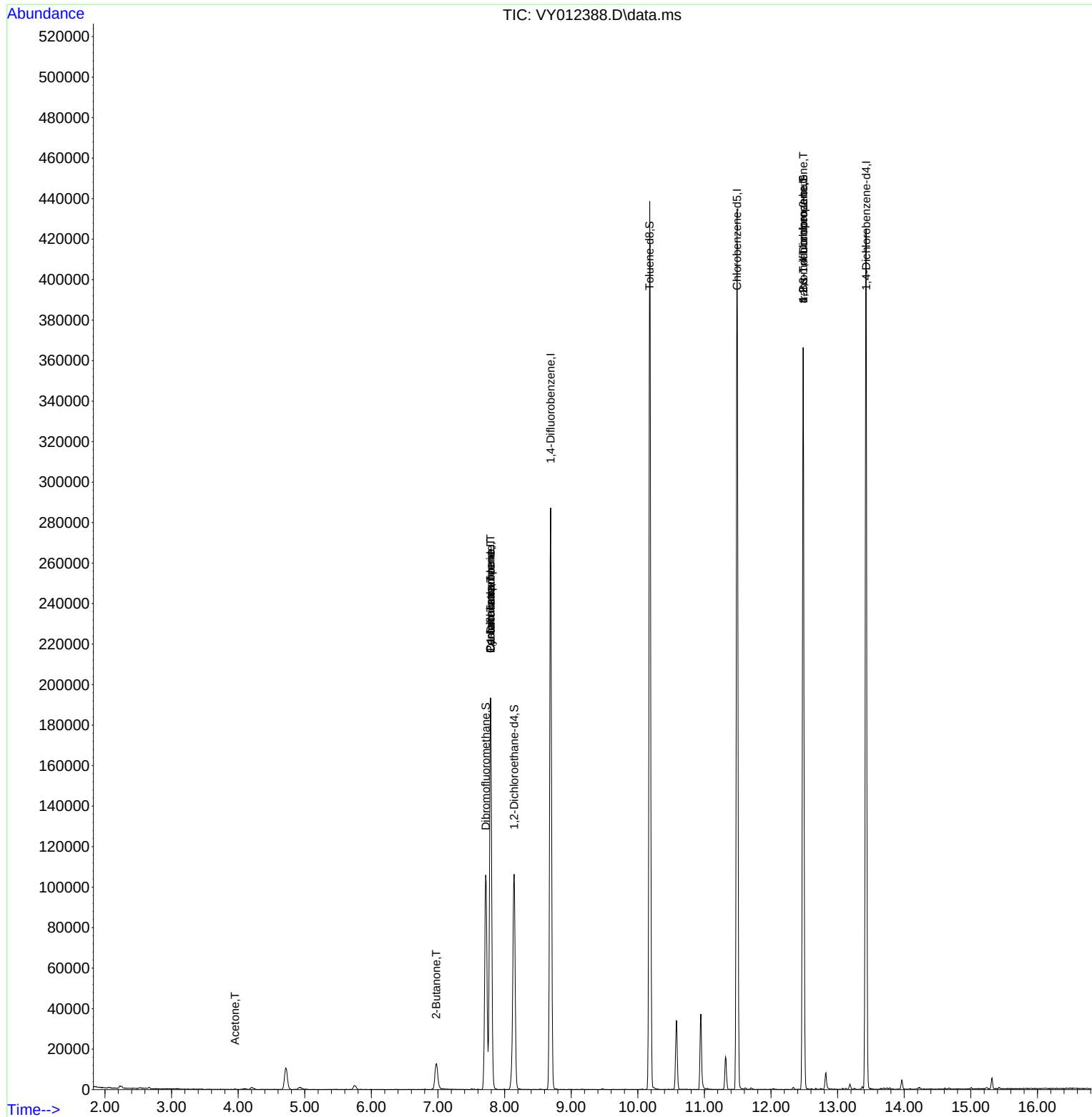
Internal Standards						
1) Pentafluorobenzene	7.789	168	151378	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	248749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	239811	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	90442	73.964	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 147.920%	
35) Dibromofluoromethane	7.715	113	71876	54.570	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.140%	
50) Toluene-d8	10.178	98	291226	65.125	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 130.260%	
62) 4-Bromofluorobenzene	12.483	95	99446	53.559	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 107.120%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	818	Below Cal	#	74
16) Acetone	3.954	43	432	1.025	ug/l #	40
20) Methylene Chloride	4.716	84	9157	Below Cal		89
25) 2-Butanone	6.972	43	664	1.427	ug/l #	46
31) Cyclohexane	7.789	56	2868	1.299	ug/l #	43
36) 1,1-Dichloropropene	7.789	75	10314	4.608	ug/l #	51
38) Carbon Tetrachloride	7.789	117	15508	5.364	ug/l #	19
76) 1,2,3-Trichloropropane	12.483	75	55228	52.253	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55228	107.664	ug/l #	13

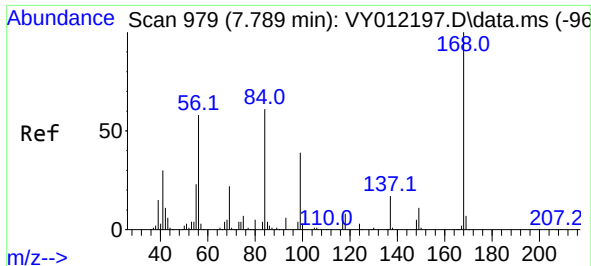
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013023\
Data File : VY012388.D
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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBL01

Quant Time: Jan 31 01:46:37 2023
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Response via : Initial Calibration

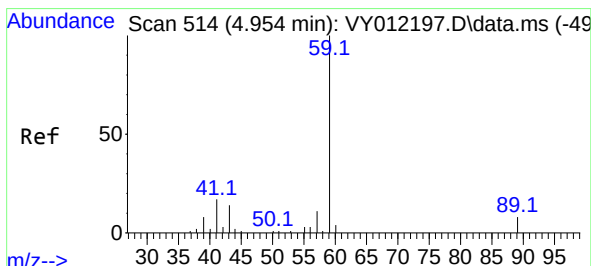
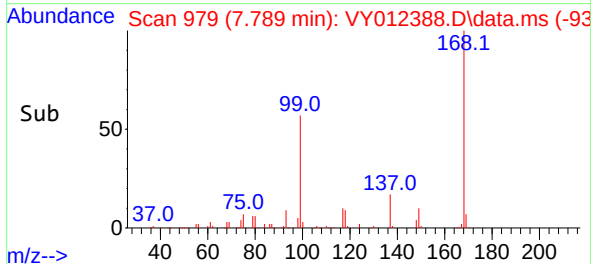
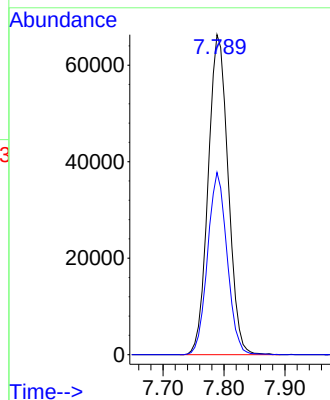
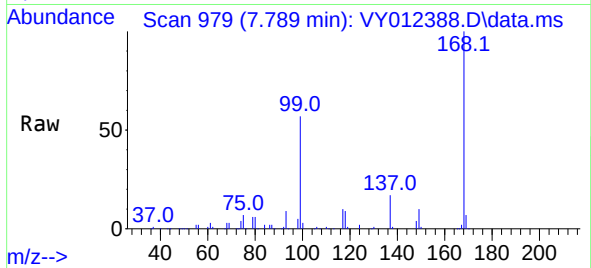




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012388.D
Acq: 30 Jan 2023 11:30

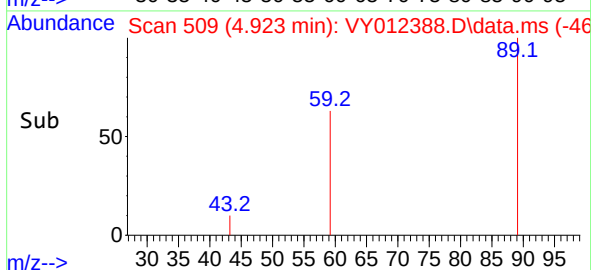
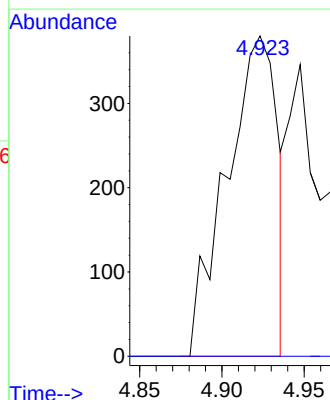
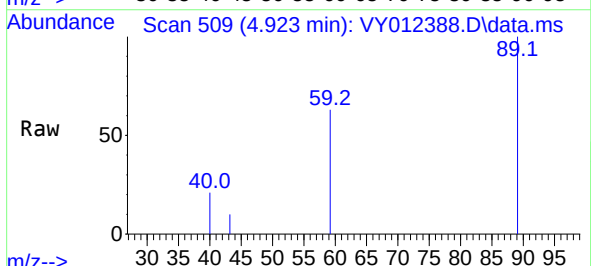
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBL01

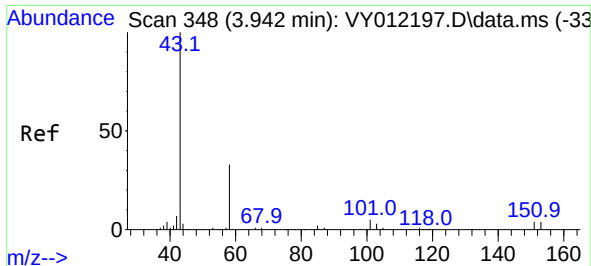
Tgt Ion:168 Resp: 151378
Ion Ratio Lower Upper
168 100
99 56.9 44.0 66.0



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.025 min
Lab File: VY012388.D
Acq: 30 Jan 2023 11:30

Tgt Ion: 59 Resp: 818
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

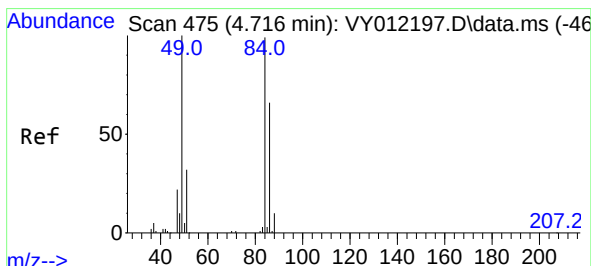
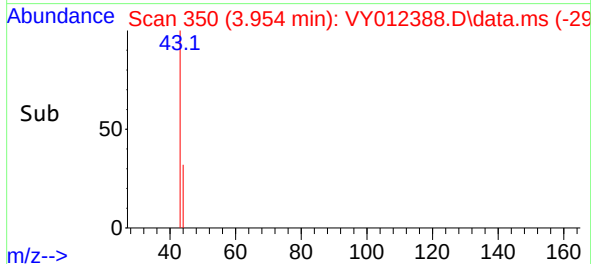
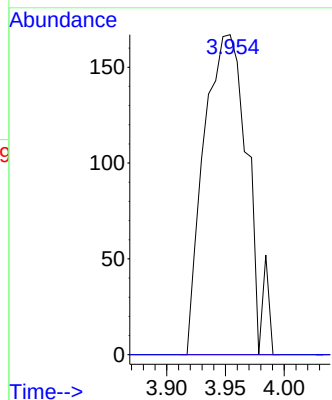
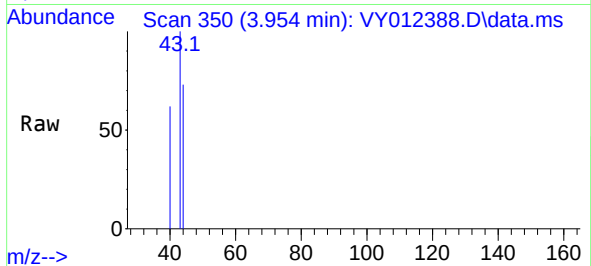




#16
Acetone
Concen: 1.025 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.012 min
Lab File: VY012388.D
Acq: 30 Jan 2023 11:30

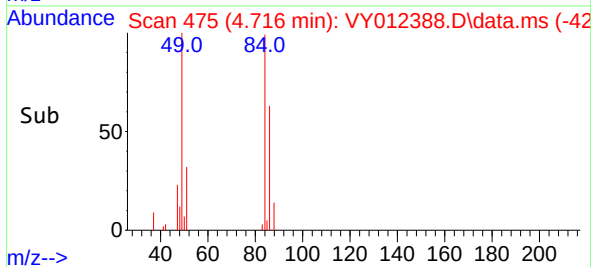
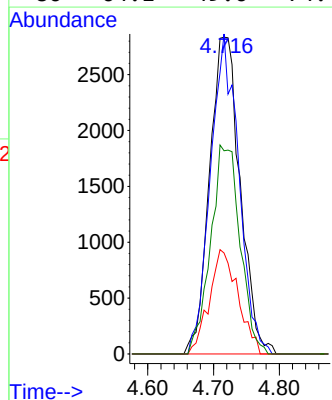
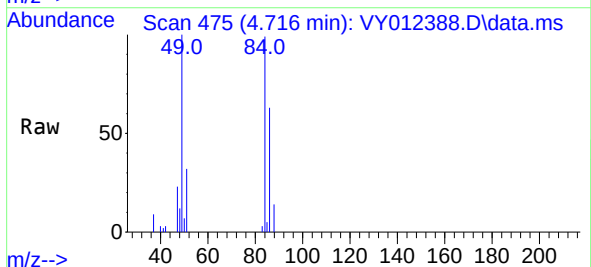
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBL01

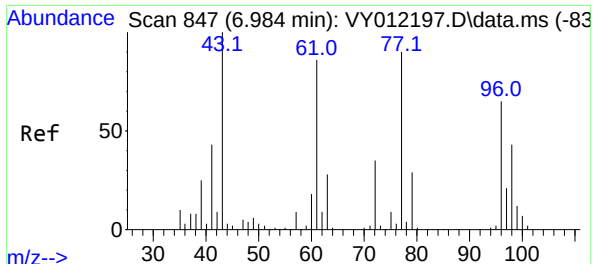
Tgt Ion: 43 Resp: 432
Ion Ratio Lower Upper
43 100
58 0.0 27.9 41.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.000 min
Lab File: VY012388.D
Acq: 30 Jan 2023 11:30

Tgt Ion: 84 Resp: 9157
Ion Ratio Lower Upper
84 100
49 101.0 95.4 143.2
51 31.9 29.9 44.9
86 64.1 49.6 74.4





#25

2-Butanone

Concen: 1.427 ug/l

RT: 6.972 min Scan# 847

Delta R.T. -0.012 min

Lab File: VY012388.D

Acq: 30 Jan 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

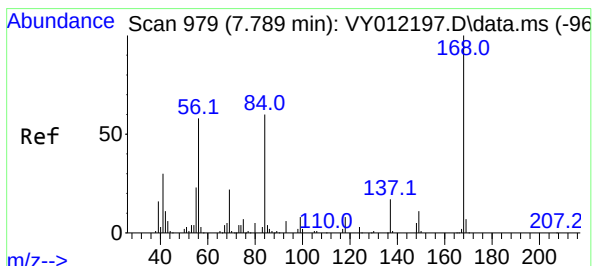
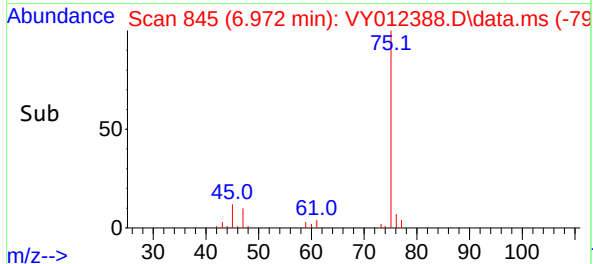
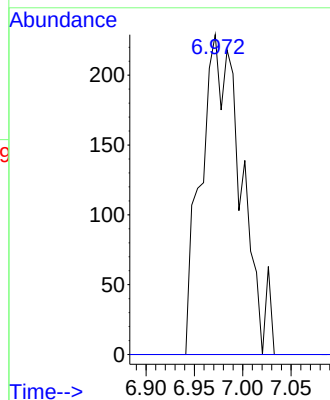
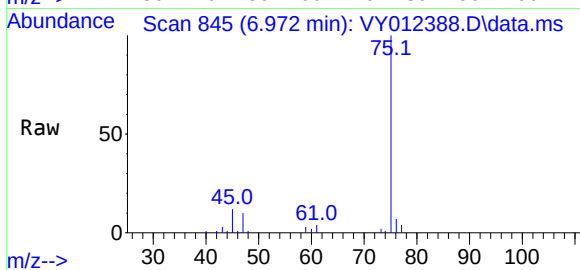
VY0130SBL01

Tgt Ion: 43 Resp: 664

Ion Ratio Lower Upper

43 100

72 0.0 22.6 34.0#



#31

Cyclohexane

Concen: 1.299 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY012388.D

Acq: 30 Jan 2023 11:30

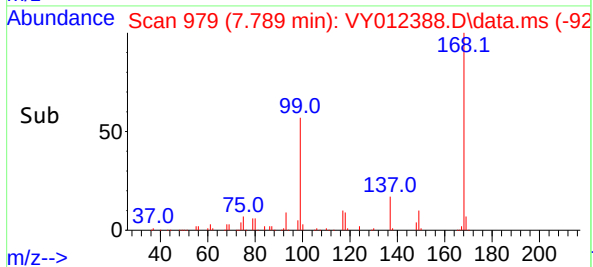
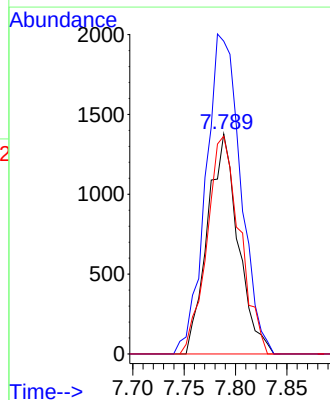
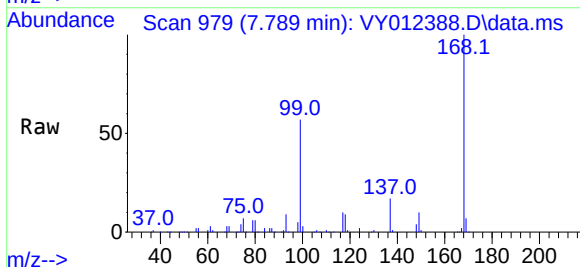
Tgt Ion: 56 Resp: 2868

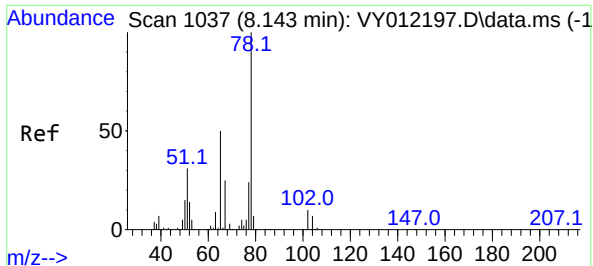
Ion Ratio Lower Upper

56 100

69 142.2 29.2 43.8#

84 99.0 72.6 108.8





#33

1,2-Dichloroethane-d4

Concen: 73.964 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. -0.001 min

Lab File: VY012388.D

Acq: 30 Jan 2023 11:30

Instrument :

MSVOA_Y

ClientSampleId :

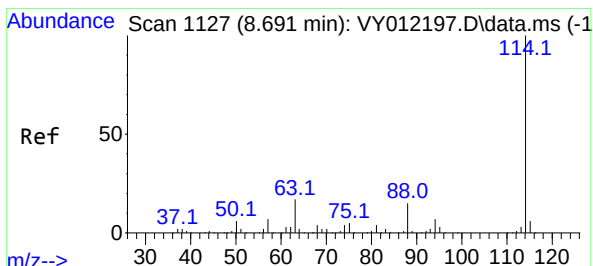
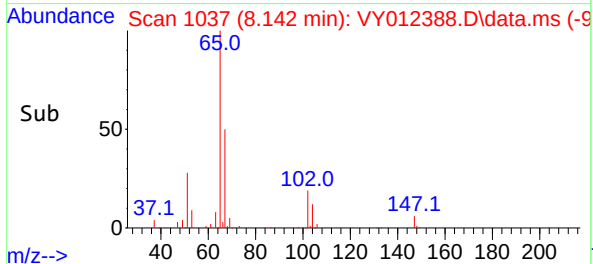
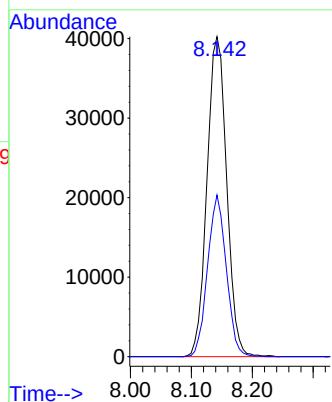
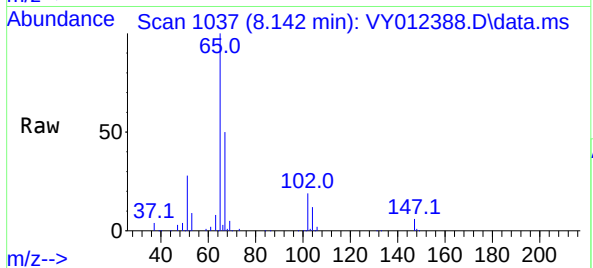
VY0130SBL01

Tgt Ion: 65 Resp: 90442

Ion Ratio Lower Upper

65 100

67 48.0 0.0 103.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012388.D

Acq: 30 Jan 2023 11:30

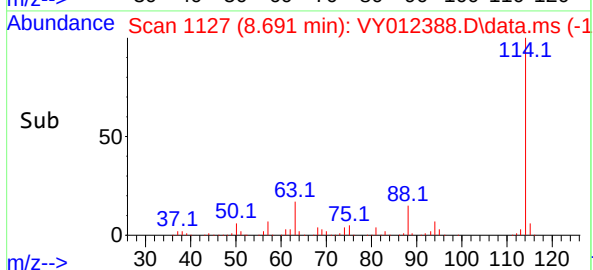
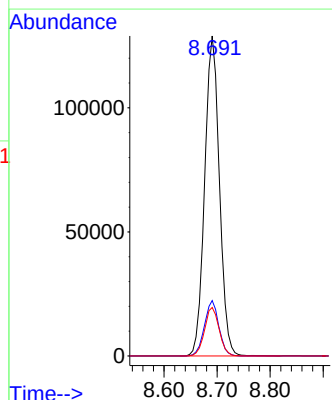
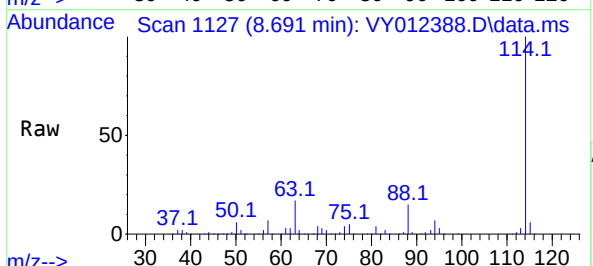
Tgt Ion: 114 Resp: 248749

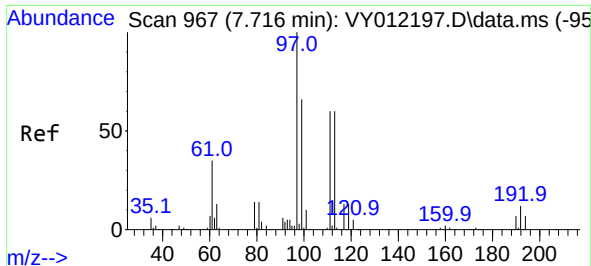
Ion Ratio Lower Upper

114 100

63 17.3 0.0 39.6

88 15.1 0.0 32.2

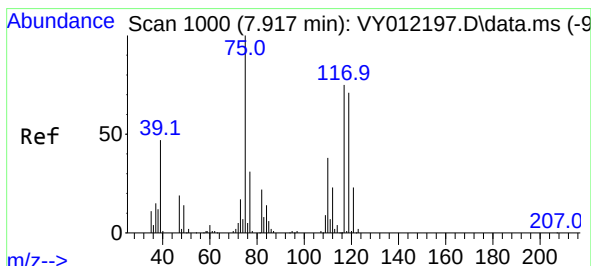
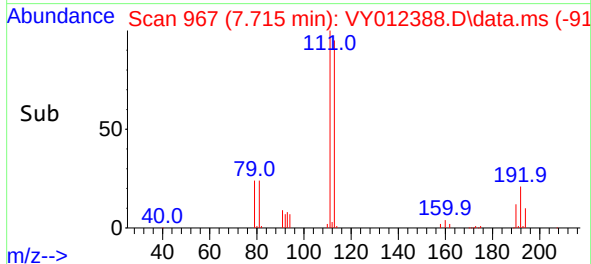
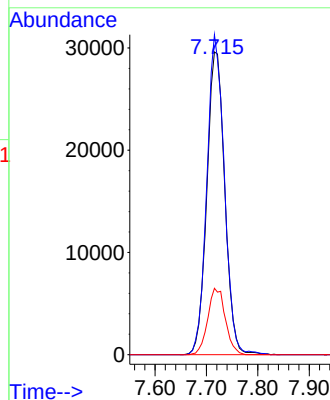
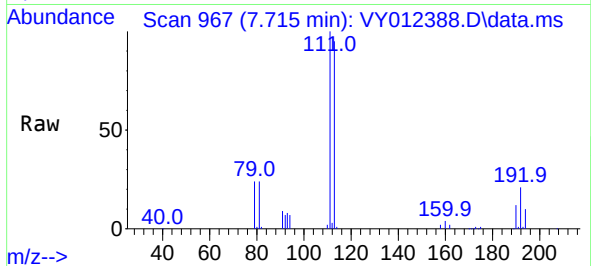




#35
Dibromofluoromethane
Concen: 54.570 ug/l
RT: 7.715 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY012388.D
Acq: 30 Jan 2023 11:30

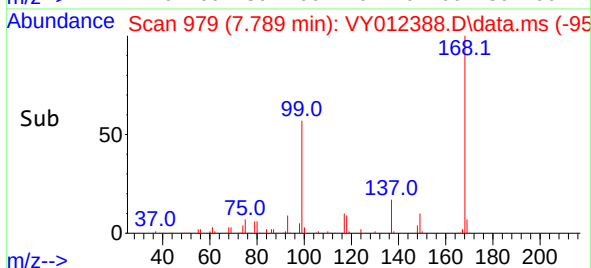
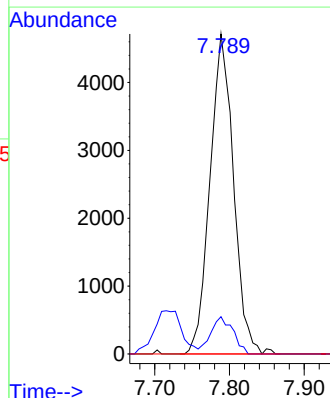
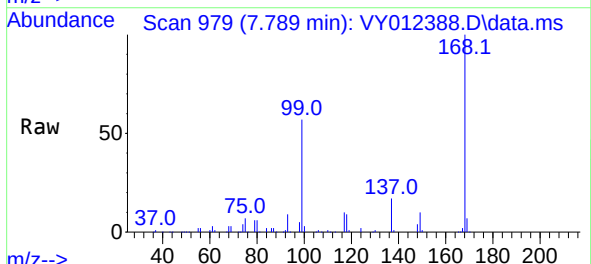
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBL01

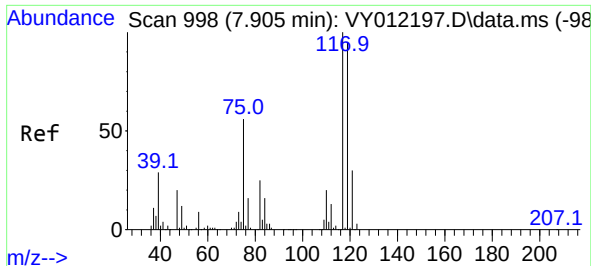
Tgt Ion:113 Resp: 71876
Ion Ratio Lower Upper
113 100
111 102.9 83.0 124.4
192 21.6 16.0 24.0



#36
1,1-Dichloropropene
Concen: 4.608 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY012388.D
Acq: 30 Jan 2023 11:30

Tgt Ion: 75 Resp: 10314
Ion Ratio Lower Upper
75 100
110 11.0 18.1 54.1#
77 0.0 25.1 37.7#

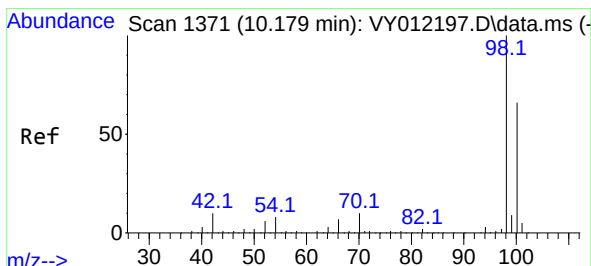
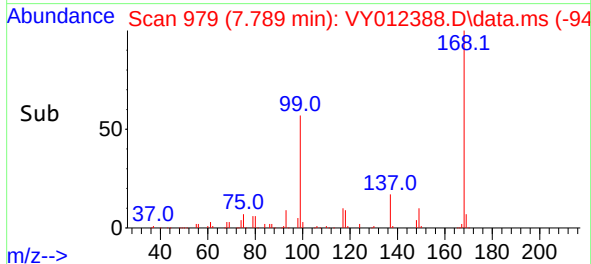
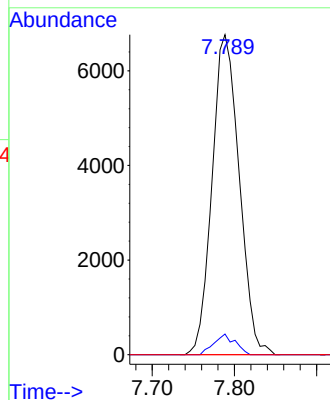
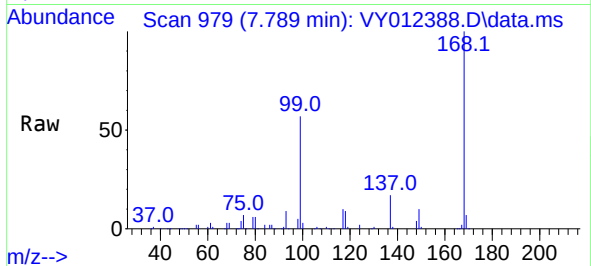




#38
Carbon Tetrachloride
Concen: 5.364 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY012388.D
Acq: 30 Jan 2023 11:30

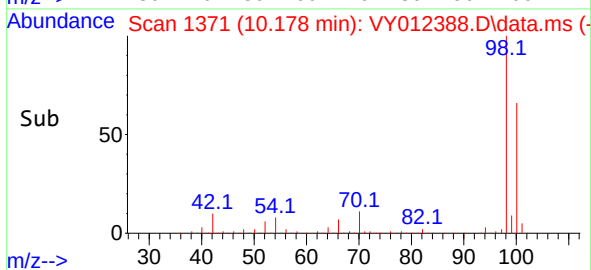
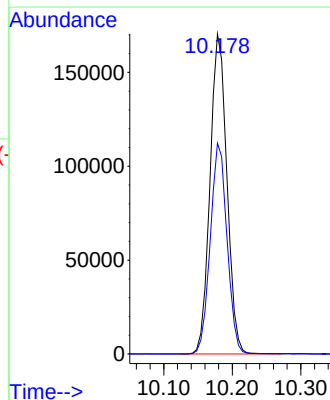
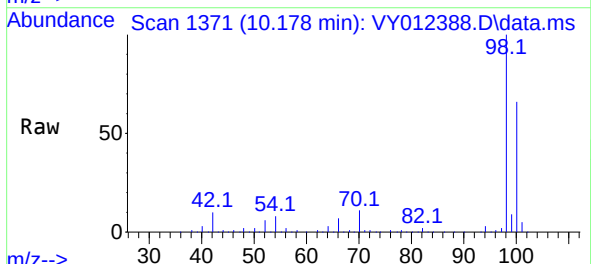
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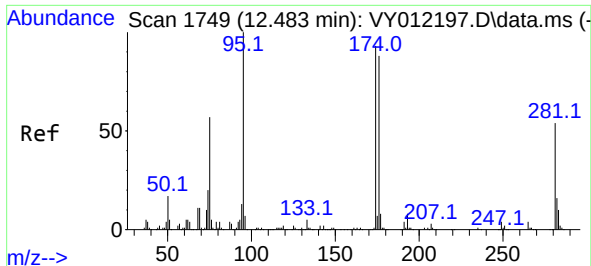
Tgt Ion:117 Resp: 15508
Ion Ratio Lower Upper
117 100
119 6.4 73.8 110.8#
121 0.0 25.2 37.8#



#50
Toluene-d8
Concen: 65.125 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY012388.D
Acq: 30 Jan 2023 11:30

Tgt Ion: 98 Resp: 291226
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

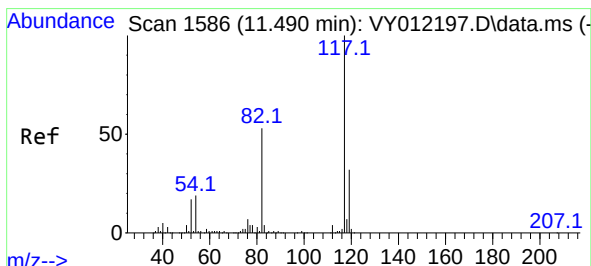
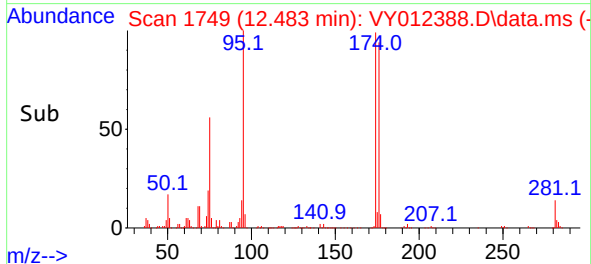
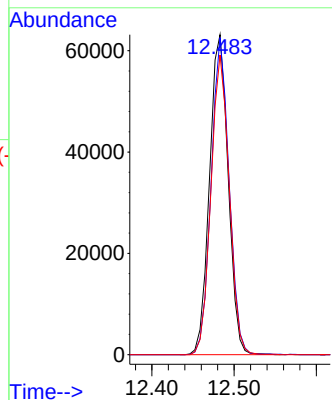
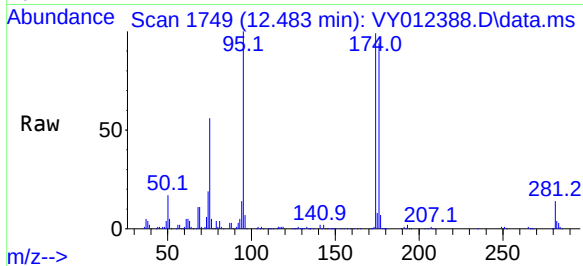




#62
4-Bromofluorobenzene
Concen: 53.559 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012388.D
Acq: 30 Jan 2023 11:30

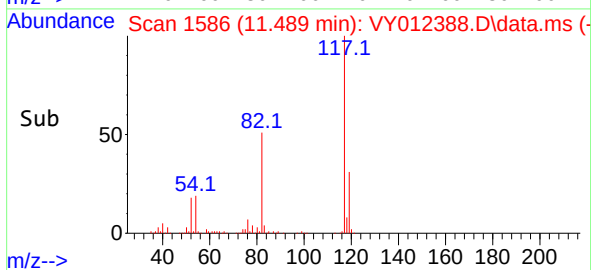
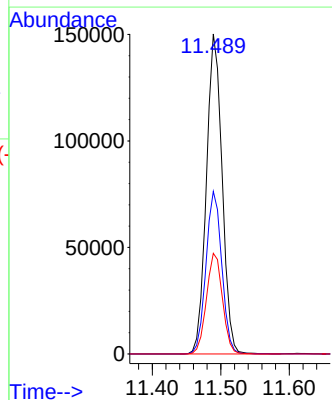
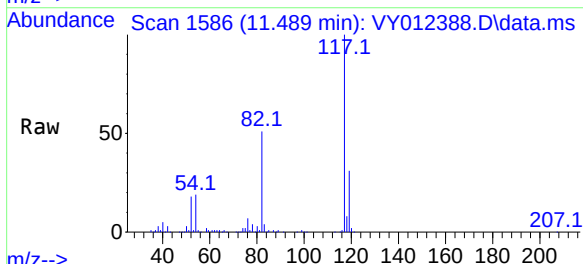
Instrument :
MSVOA_Y
ClientSampleId :
VY0130SBL01

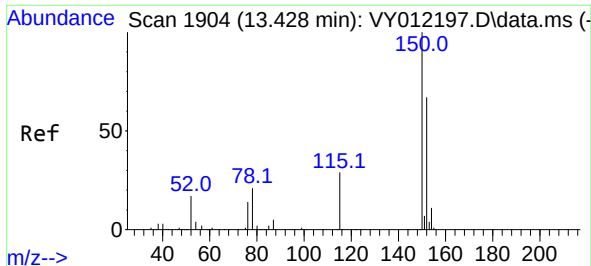
Tgt Ion:	95	Resp:	99446
Ion	Ratio	Lower	Upper
95	100		
174	95.3	0.0	172.0
176	91.8	0.0	167.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY012388.D
Acq: 30 Jan 2023 11:30

Tgt Ion:	117	Resp:	239811
Ion	Ratio	Lower	Upper
117	100		
82	50.8	44.8	67.2
119	31.5	25.4	38.2

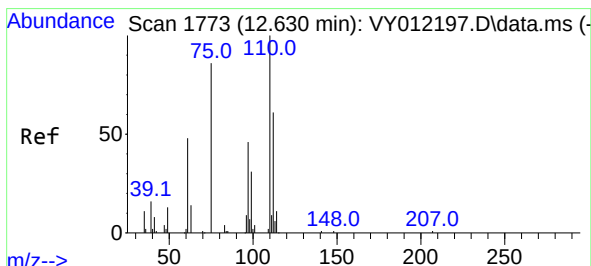
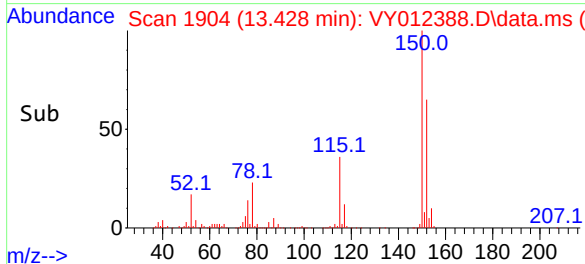
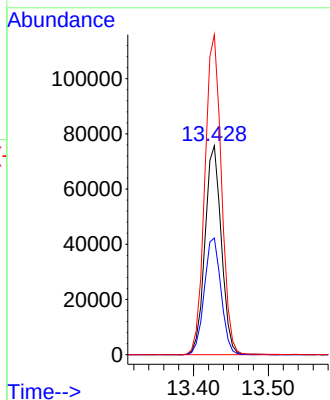
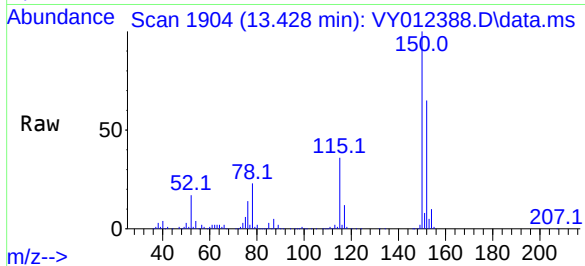




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY012388.D
 Acq: 30 Jan 2023 11:30

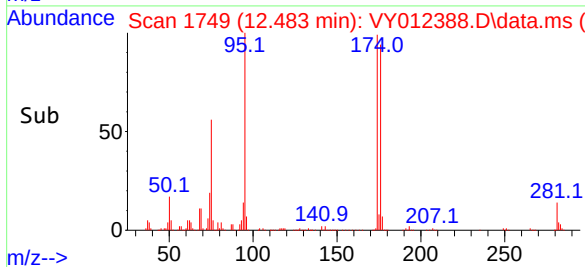
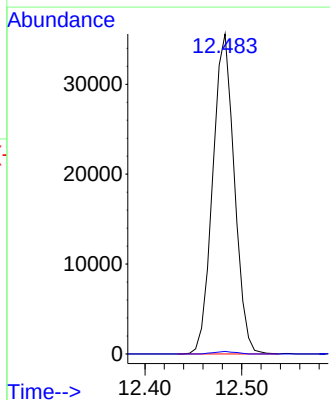
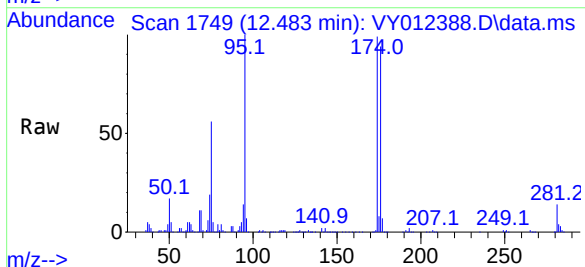
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBL01

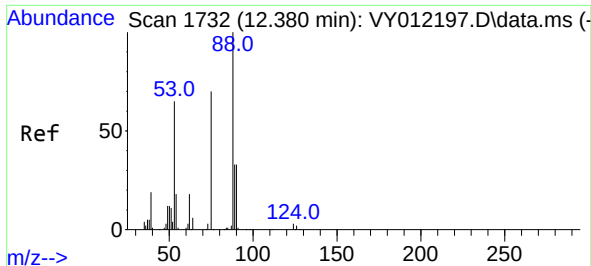
Tgt Ion:152 Resp: 114942
 Ion Ratio Lower Upper
 152 100
 115 57.1 29.1 87.3
 150 155.1 0.0 342.6



#76
 1,2,3-Trichloropropane
 Concen: 52.253 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY012388.D
 Acq: 30 Jan 2023 11:30

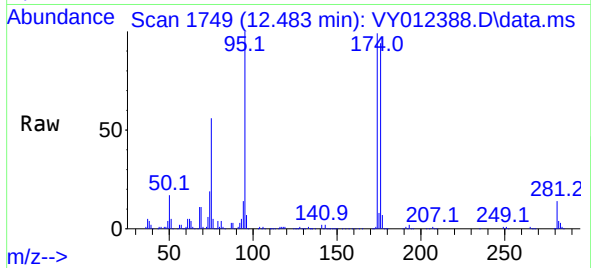
Tgt Ion: 75 Resp: 55228
 Ion Ratio Lower Upper
 75 100
 77 0.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 107.664 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY012388.D
 Acq: 30 Jan 2023 11:30

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0130SBL01



Tgt Ion:	75	Resp:	55228
Ion	Ratio	Lower	Upper
75	100		
53	0.0	72.5	108.7#
89	0.0	37.0	55.4#

