

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112421\
 Data File : VY006888.D
 Acq On : 24 Nov 2021 19:36
 Operator : SY/MD
 Sample : M4843-02
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 L-1A

Quant Time: Nov 26 09:59:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111521S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 16 04:20:03 2021
 Response via : Initial Calibration

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

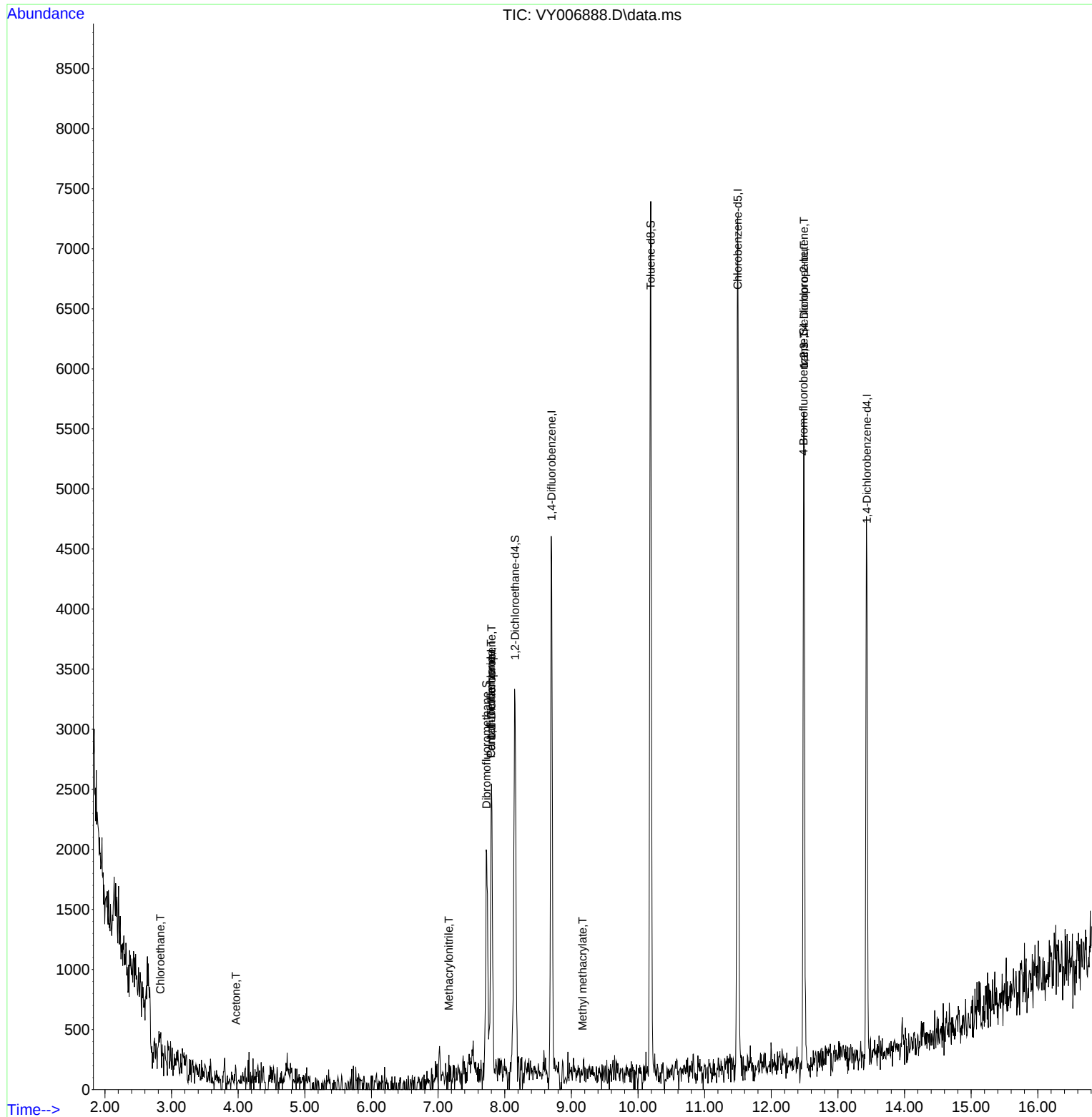
Internal Standards						
1) Pentafluorobenzene	7.795	168	2082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.704	114	3892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	4092	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	1210	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	2558	93.744	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 187.480%#	
35) Dibromofluoromethane	7.728	113	1412	59.064	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 118.120%	
50) Toluene-d8	10.191	98	4848	49.006	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 98.020%	
62) 4-Bromofluorobenzene	12.483	95	1568	47.016	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 94.040%	
Target Compounds						Qvalue
6) Chloroethane	2.833	64	125	6.691	ug/l #	45
16) Acetone	3.967	43	151	18.213	ug/l #	46
20) Methylene Chloride	4.747	84	61	Below Cal	#	3
36) 1,1-Dichloropropene	7.801	75	130	3.073	ug/l #	42
38) Carbon Tetrachloride	7.795	117	214	4.946	ug/l #	12
41) Methacrylonitrile	7.161	41	42	1.769	ug/l #	1
48) Methyl methacrylate	9.167	41	40	1.591	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	969	73.658	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	969	145.951	ug/l #	7

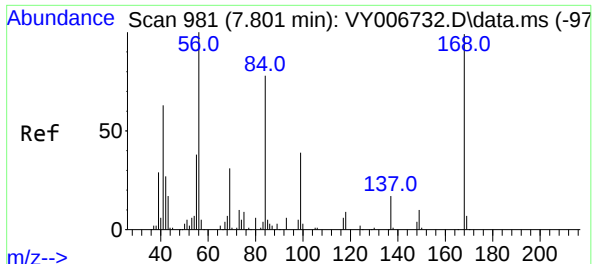
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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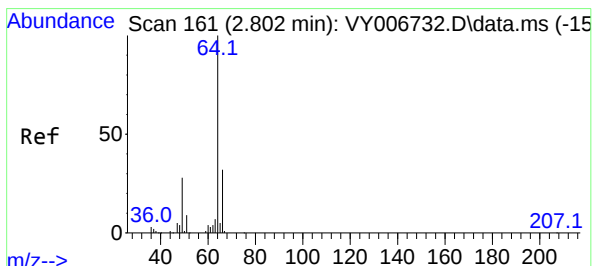
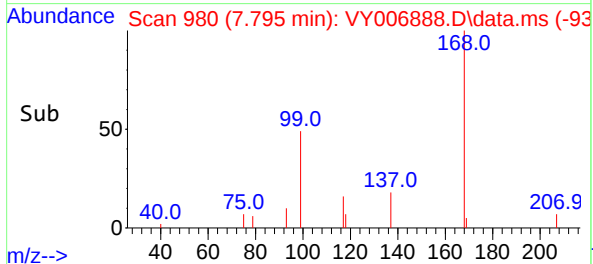
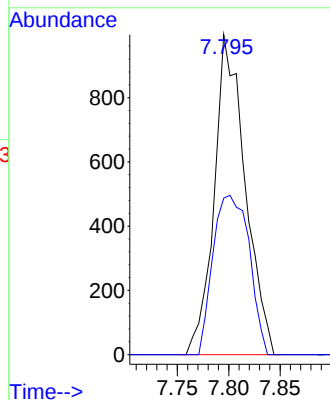
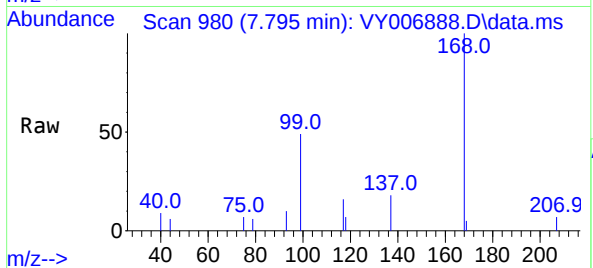




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

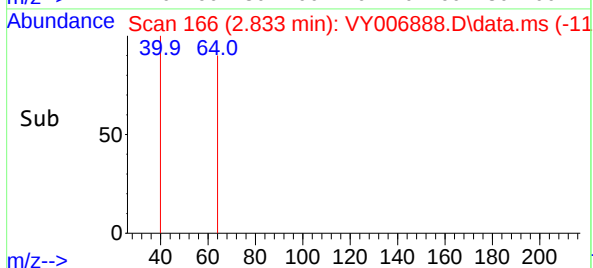
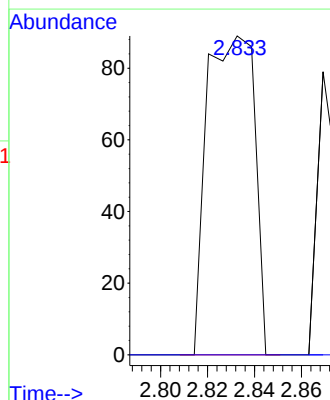
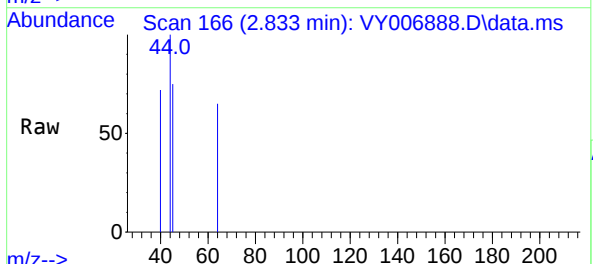
Instrument :
MSVOA_Y
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L-1A

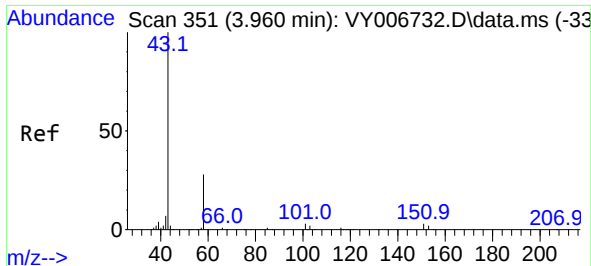
Tgt Ion:168 Resp: 2082
Ion Ratio Lower Upper
168 100
99 48.9 44.8 67.2



#6
Chloroethane
Concen: 6.691 ug/l
RT: 2.833 min Scan# 166
Delta R.T. 0.030 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

Tgt Ion: 64 Resp: 125
Ion Ratio Lower Upper
64 100
66 0.0 23.8 35.6#

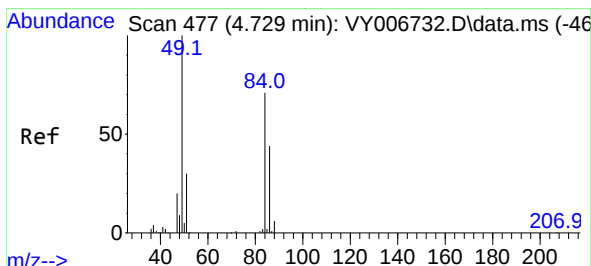
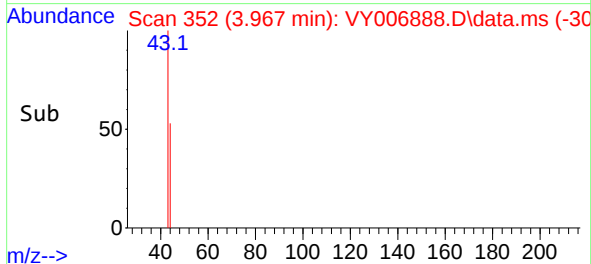
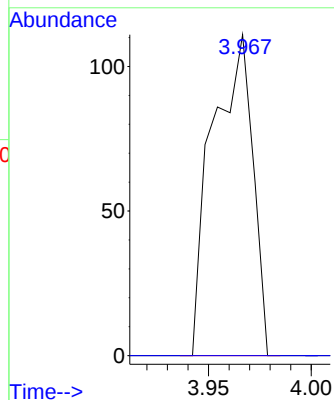
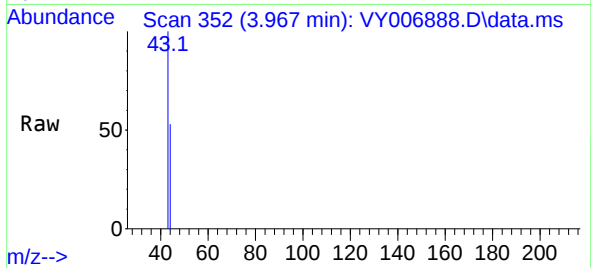




#16
Acetone
Concen: 18.213 ug/l
RT: 3.967 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

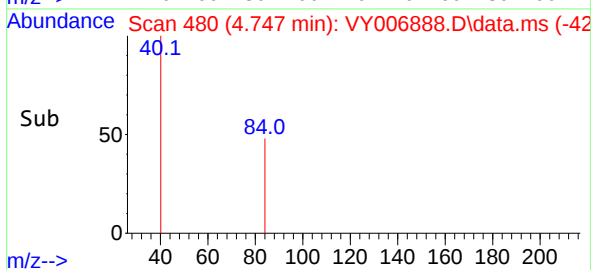
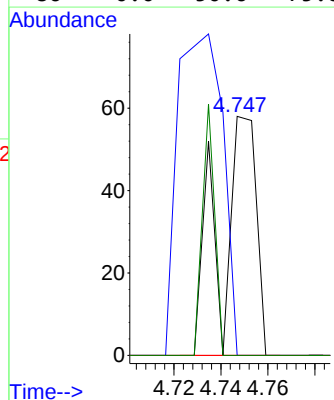
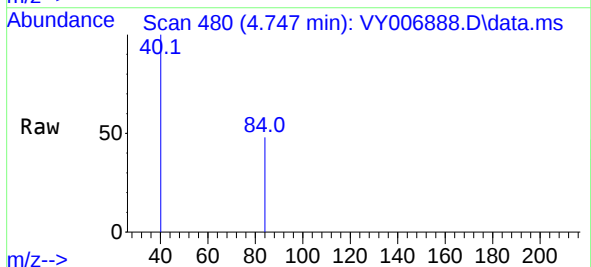
Instrument :
MSVOA_Y
ClientSampleId :
L-1A

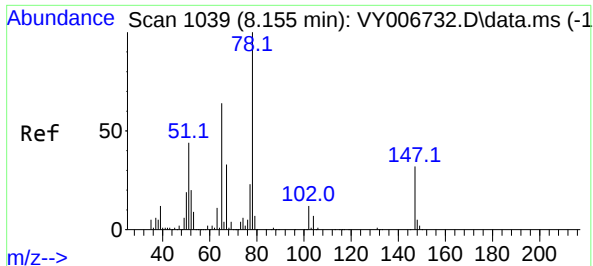
Tgt Ion: 43 Resp: 151
Ion Ratio Lower Upper
43 100
58 0.0 22.9 34.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.747 min Scan# 480
Delta R.T. 0.018 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

Tgt Ion: 84 Resp: 61
Ion Ratio Lower Upper
84 100
49 0.0 107.8 161.8#
51 0.0 32.8 49.2#
86 0.0 50.6 75.8#





#33

1,2-Dichloroethane-d4

Concen: 93.744 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY006888.D

Acq: 24 Nov 2021 19:36

Instrument :

MSVOA_Y

ClientSampleId :

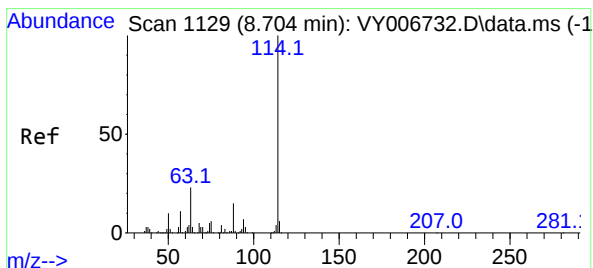
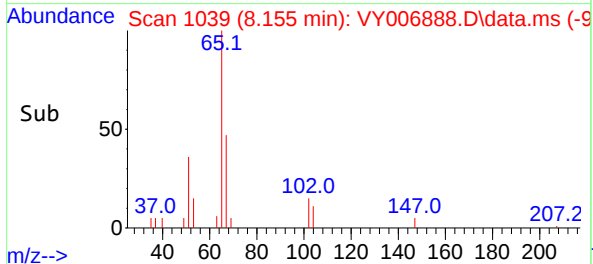
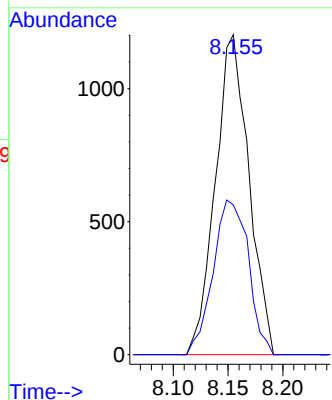
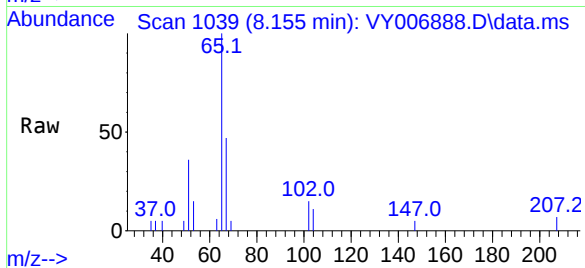
L-1A

Tgt Ion: 65 Resp: 2558

Ion Ratio Lower Upper

65 100

67 50.9 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.704 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY006888.D

Acq: 24 Nov 2021 19:36

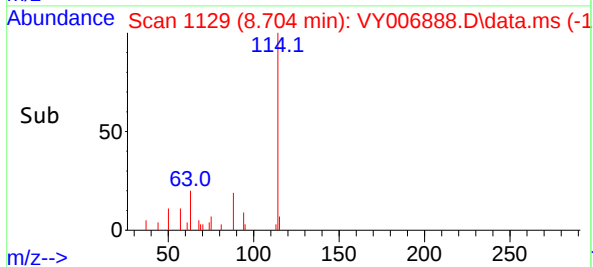
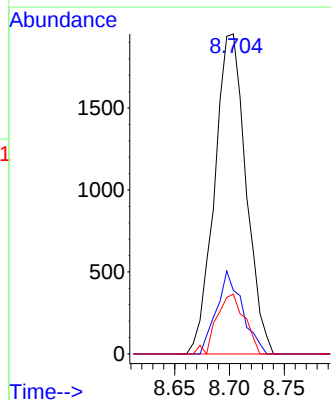
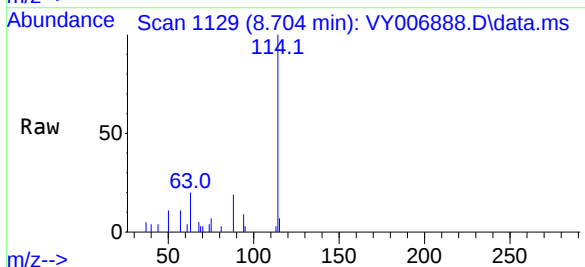
Tgt Ion: 114 Resp: 3892

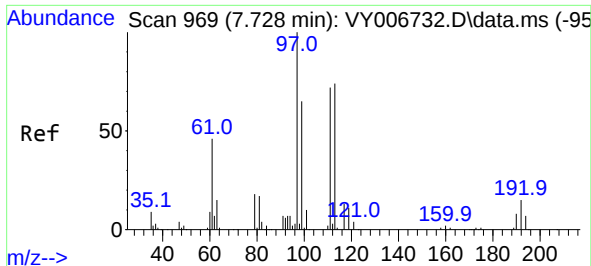
Ion Ratio Lower Upper

114 100

63 19.9 0.0 45.0

88 18.7 0.0 30.6

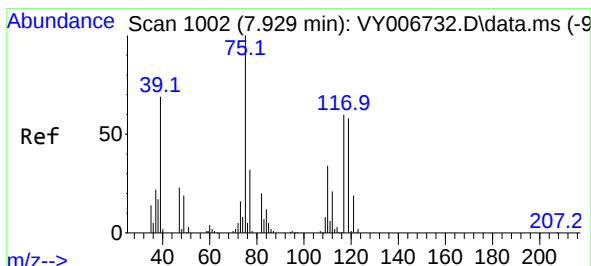
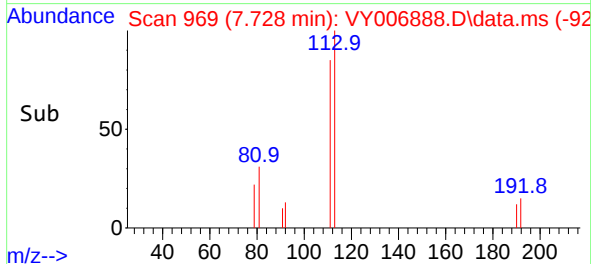
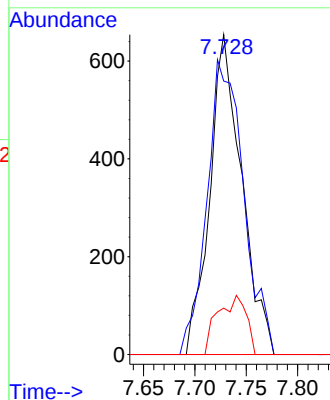
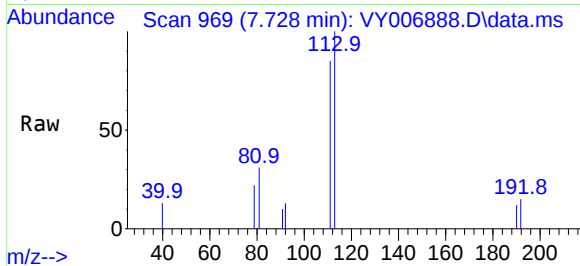




#35
Dibromofluoromethane
Concen: 59.064 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

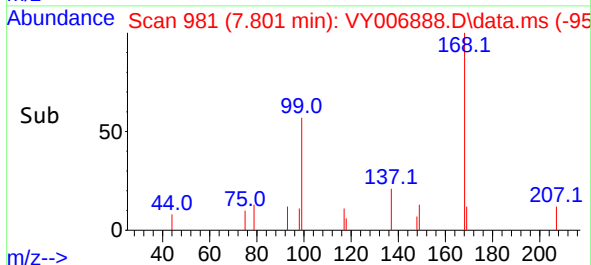
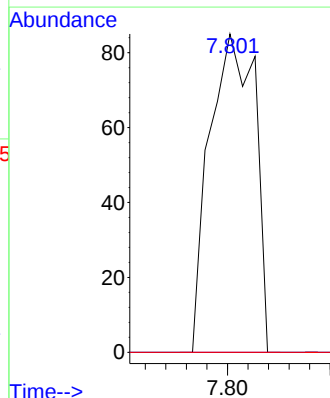
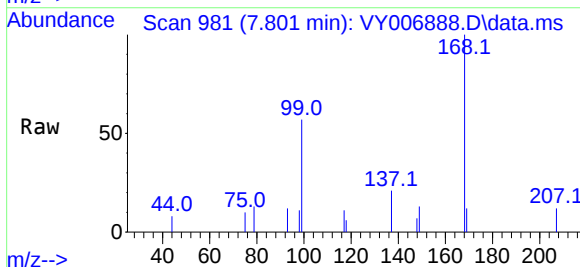
Instrument :
MSVOA_Y
ClientSampleId :
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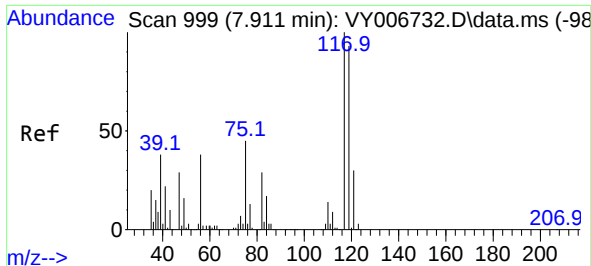
Tgt Ion:113 Resp: 1412
Ion Ratio Lower Upper
113 100
111 105.7 82.3 123.5
192 16.4 17.4 26.2#



#36
1,1-Dichloropropene
Concen: 3.073 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.128 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

Tgt Ion: 75 Resp: 130
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.3#
77 0.0 24.9 37.3#

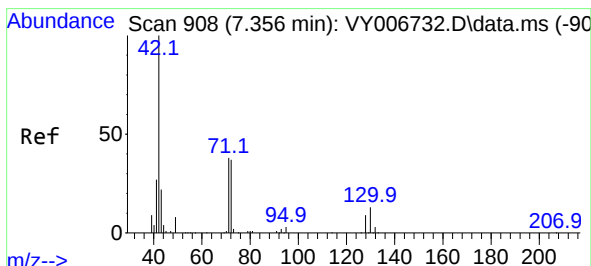
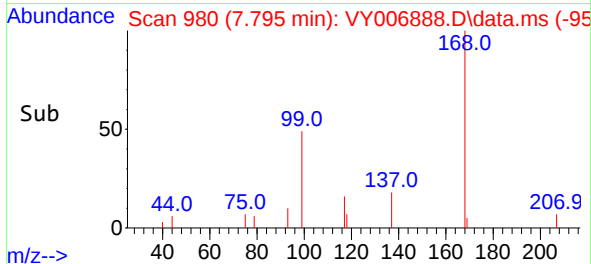
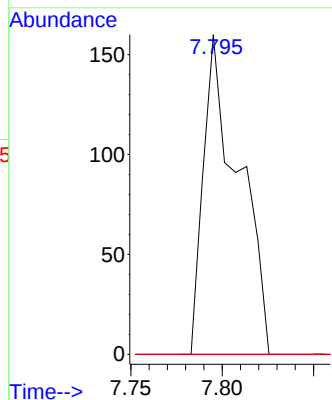
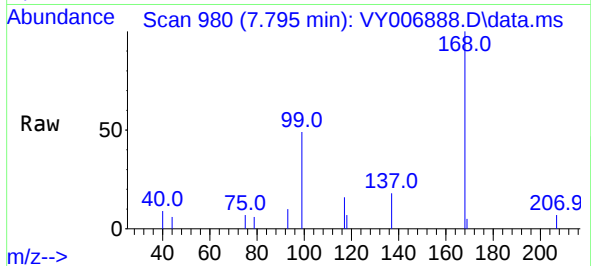




#38
Carbon Tetrachloride
Concen: 4.946 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

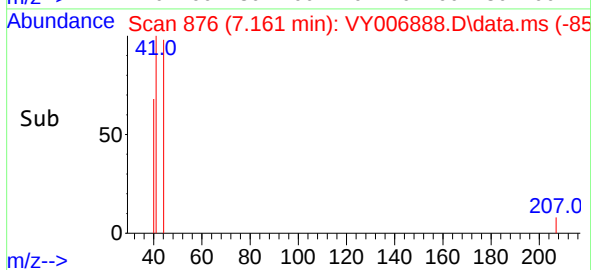
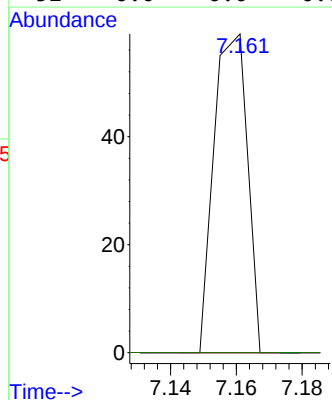
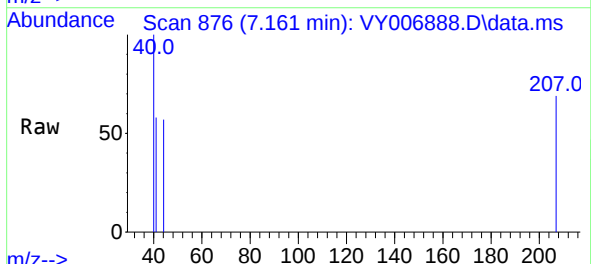
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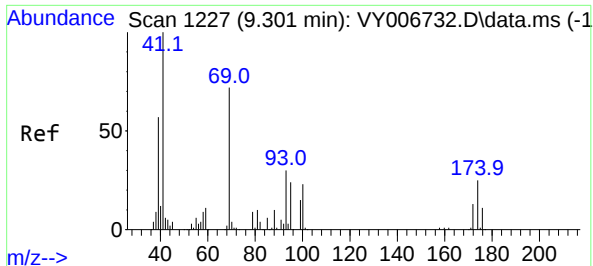
Tgt Ion:117 Resp: 214
Ion Ratio Lower Upper
117 100
119 0.0 76.6 115.0#
121 0.0 24.7 37.1#



#41
Methacrylonitrile
Concen: 1.769 ug/l
RT: 7.161 min Scan# 876
Delta R.T. -0.195 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

Tgt Ion: 41 Resp: 42
Ion Ratio Lower Upper
41 100
39 0.0 109.0 163.6#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#48

Methyl methacrylate

Concen: 1.591 ug/l

RT: 9.167 min Scan# 11

Delta R.T. -0.134 min

Lab File: VY006888.D

Acq: 24 Nov 2021 19:36

Instrument :

MSVOA_Y

ClientSampleId :

L-1A

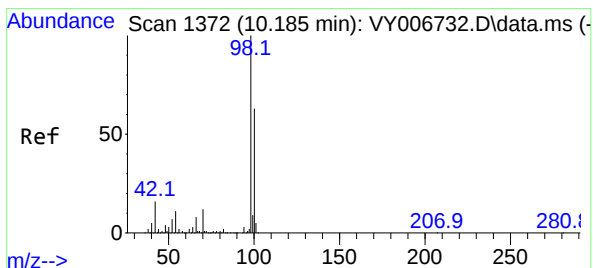
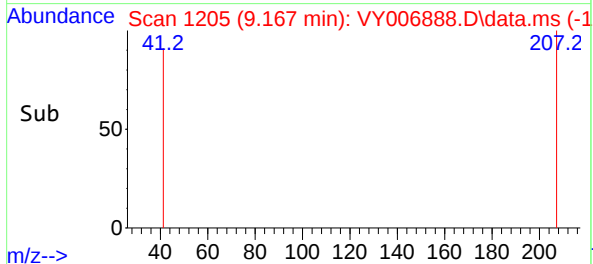
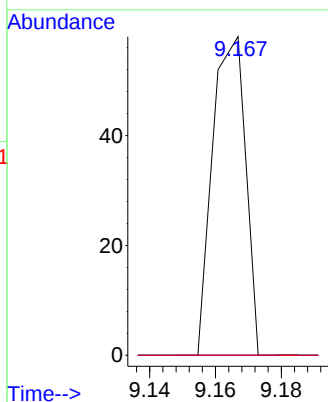
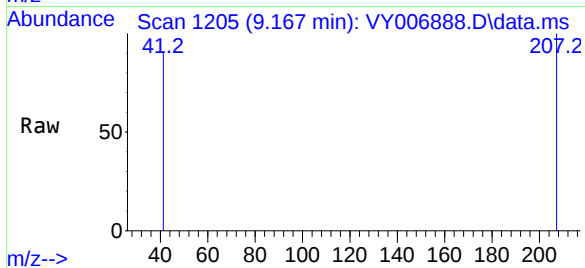
Tgt Ion: 41 Resp: 40

Ion Ratio Lower Upper

41 100

69 0.0 60.4 90.6#

39 0.0 48.2 72.2#



#50

Toluene-d8

Concen: 49.006 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.006 min

Lab File: VY006888.D

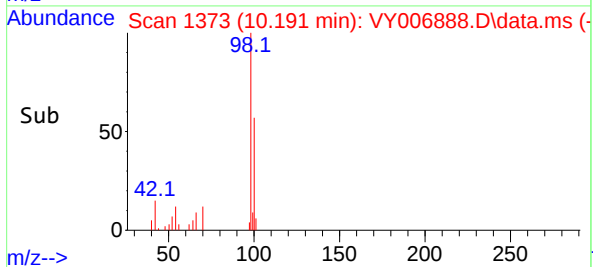
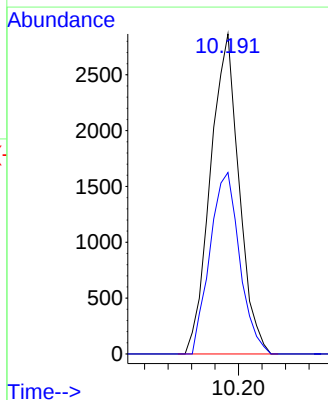
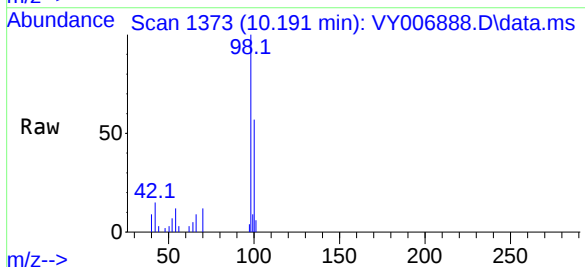
Acq: 24 Nov 2021 19:36

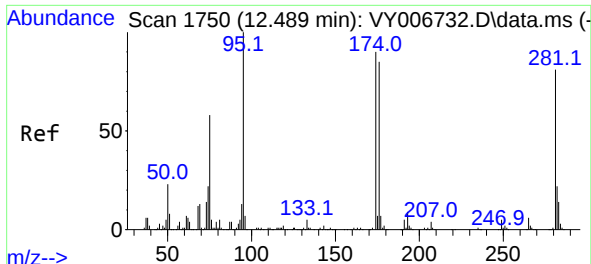
Tgt Ion: 98 Resp: 4848

Ion Ratio Lower Upper

98 100

100 58.9 50.9 76.3

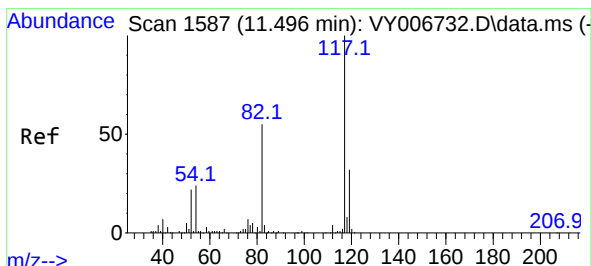
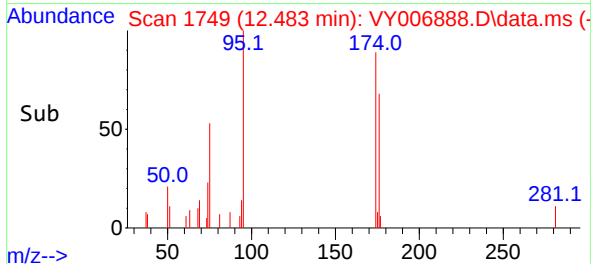
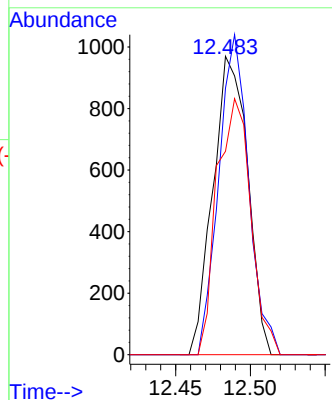
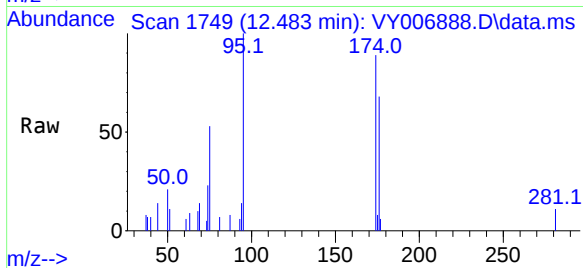




#62
4-Bromofluorobenzene
Concen: 47.016 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

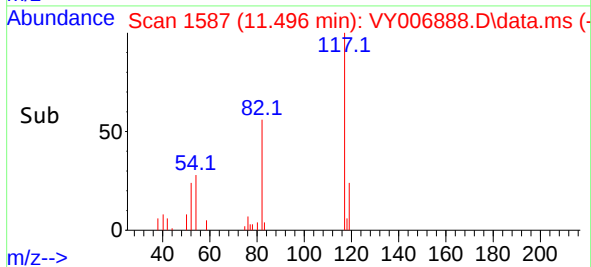
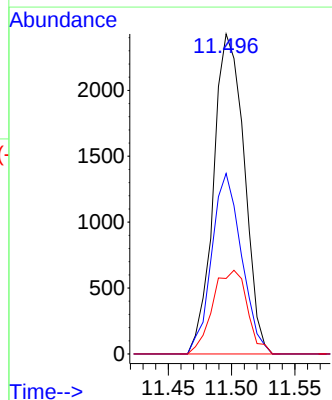
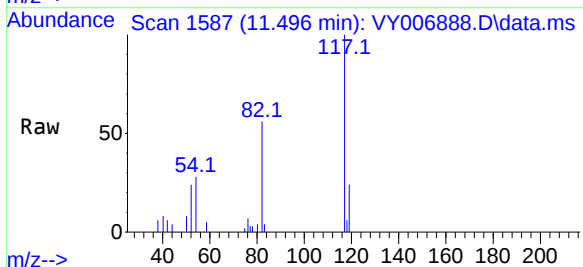
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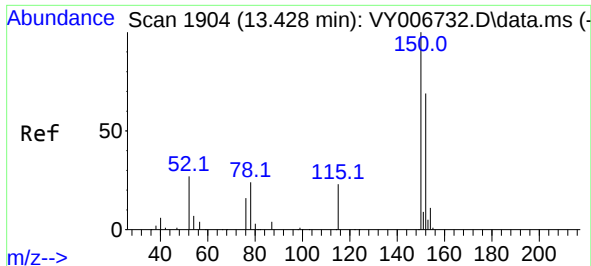
Tgt Ion:	95	Resp:	1568
Ion	Ratio	Lower	Upper
95	100		
174	92.5	0.0	177.0
176	83.3	0.0	169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

Tgt Ion:	117	Resp:	4092
Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.7	68.5
119	23.6	25.5	38.3

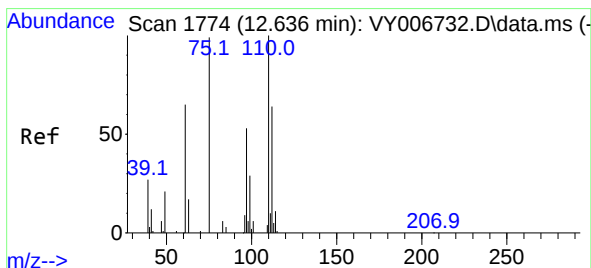
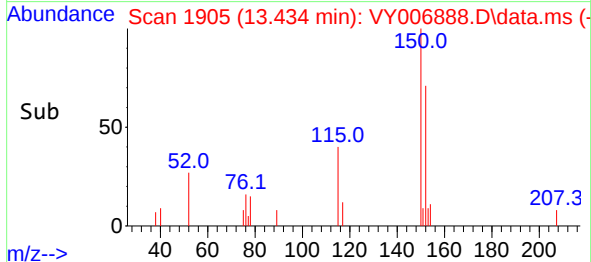
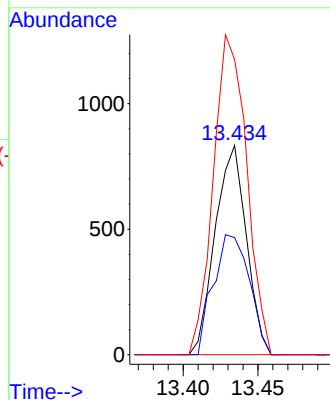
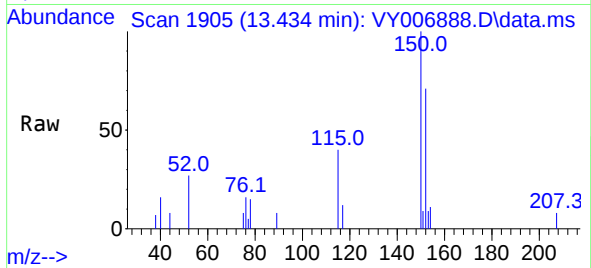




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.434 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY006888.D
 Acq: 24 Nov 2021 19:36

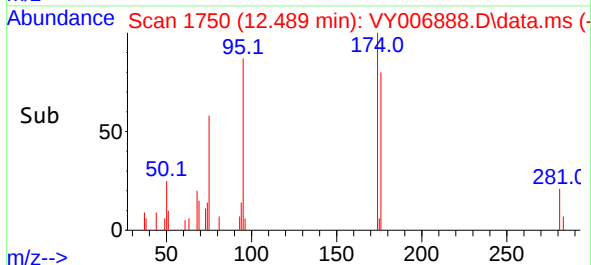
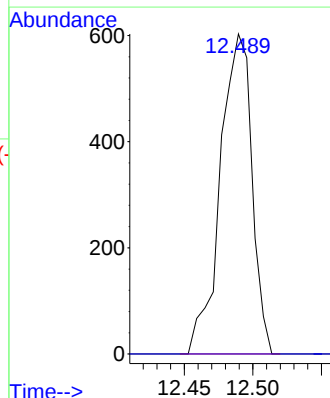
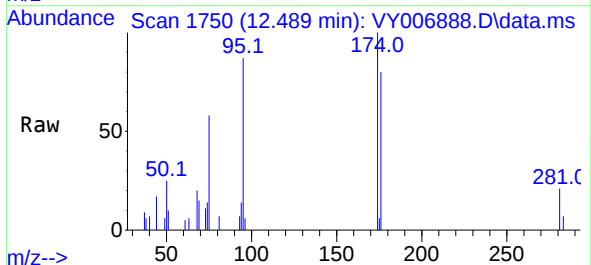
Instrument :
 MSVOA_Y
 ClientSampleId :
 L-1A

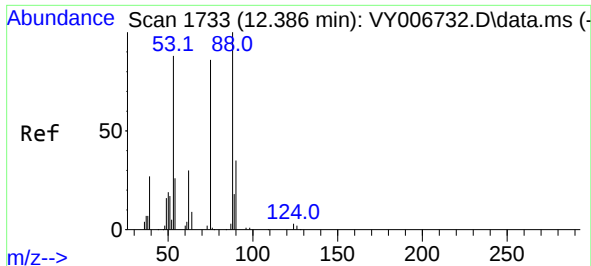
Tgt Ion:152 Resp: 1210
 Ion Ratio Lower Upper
 152 100
 115 66.2 28.5 85.5
 150 163.2 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 73.658 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.147 min
 Lab File: VY006888.D
 Acq: 24 Nov 2021 19:36

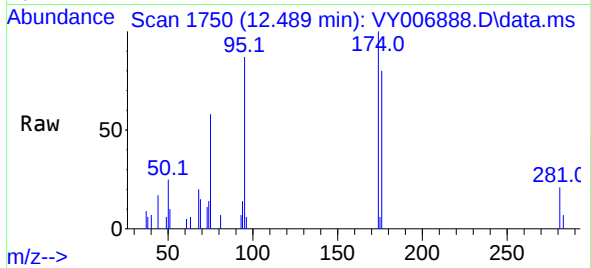
Tgt Ion: 75 Resp: 969
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 145.951 ug/l
RT: 12.489 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY006888.D
Acq: 24 Nov 2021 19:36

Instrument :
MSVOA_Y
ClientSampleId :
L-1A



Tgt Ion: 75 Resp: 969
Ion Ratio Lower Upper
75 100
53 0.0 85.8 128.6#
89 0.0 39.3 58.9#

