

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010248.D
 Acq On : 31 Aug 2022 16:17
 Operator : KP/MD
 Sample : N4375-01
 Misc : 5.38g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Quant Time: Aug 31 23:41:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

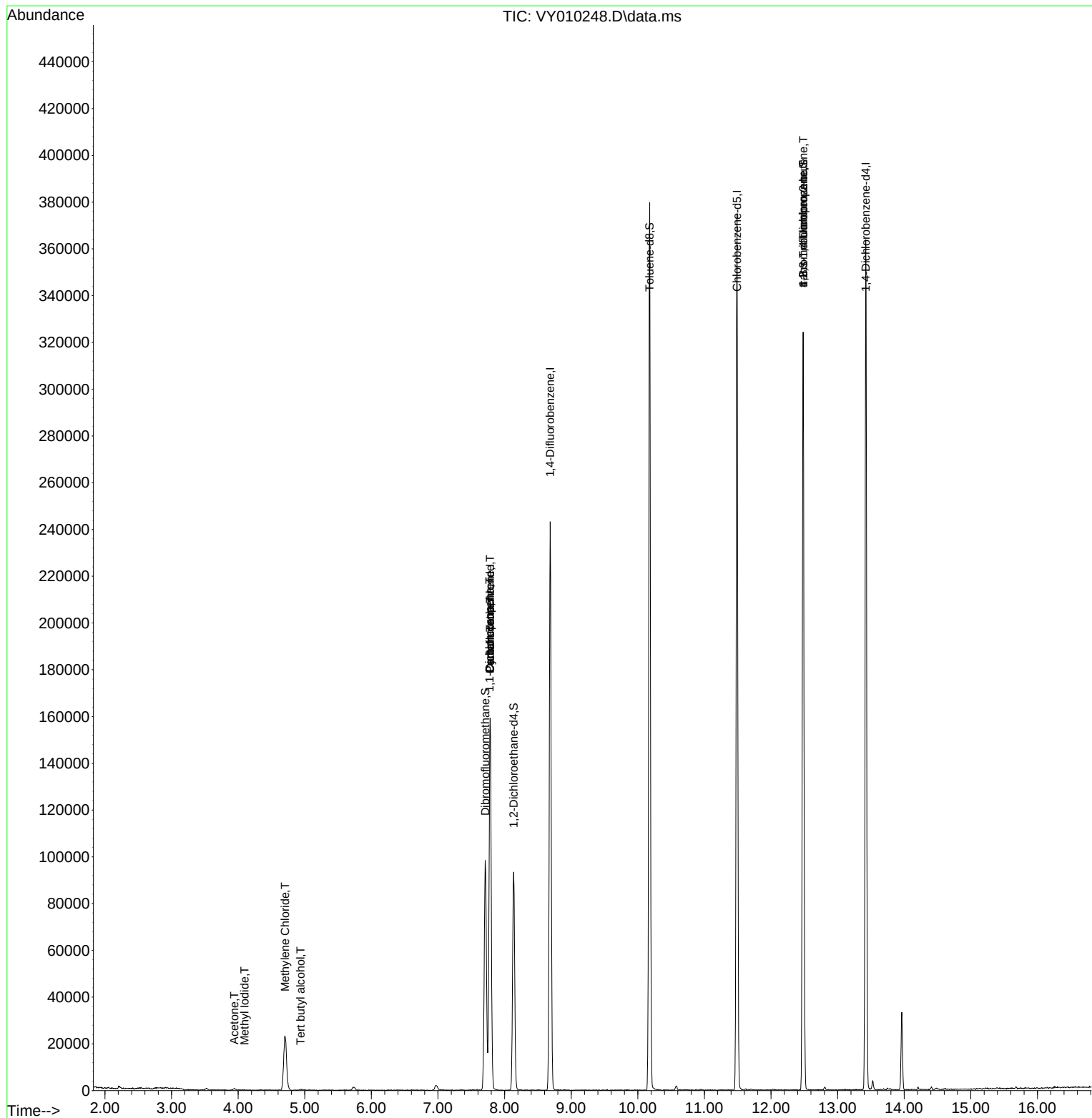
Internal Standards						
1) Pentafluorobenzene	7.783	168	136507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	219772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	213134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	102524	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75642	65.537	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 131.080%		
35) Dibromofluoromethane	7.709	113	68609	54.287	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 108.580%		
50) Toluene-d8	10.178	98	256995	54.663	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 109.320%		
62) 4-Bromofluorobenzene	12.483	95	86540	49.424	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 98.840%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.094	142	205	1.565	ug/l #	35
11) Tert butyl alcohol	4.936	59	538	4.679	ug/l #	77
16) Acetone	3.942	43	1216	5.032	ug/l	95
20) Methylene Chloride	4.704	84	19010	13.360	ug/l #	79
31) Cyclohexane	7.783	56	2077	1.012	ug/l #	1
36) 1,1-Dichloropropene	7.776	75	8260	4.310	ug/l #	52
38) Carbon Tetrachloride	7.783	117	11861	5.393	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	42506	42.164	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42506	87.967	ug/l #	7

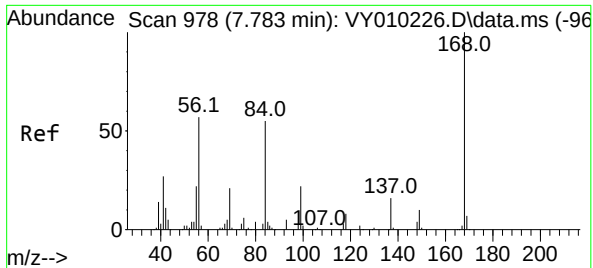
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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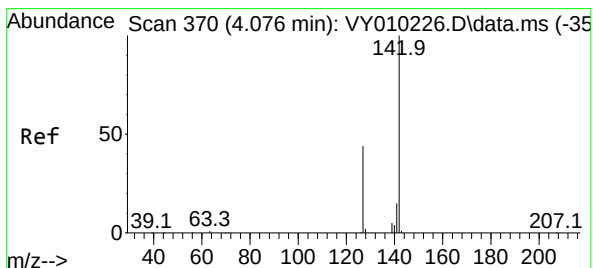
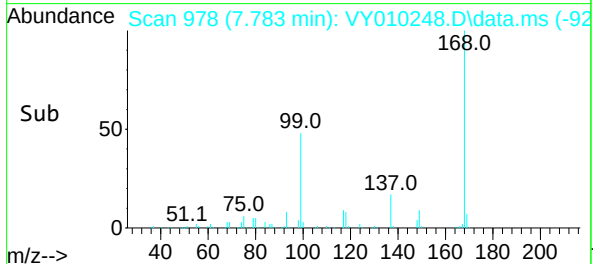
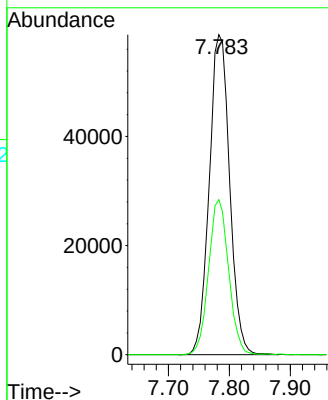
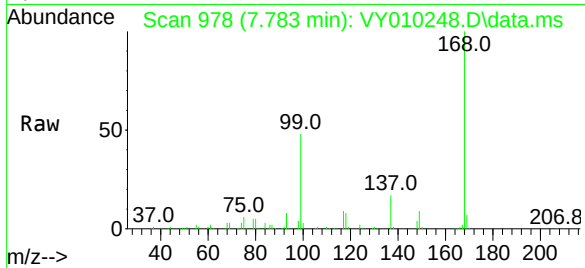




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010248.D
Acq: 31 Aug 2022 16:17

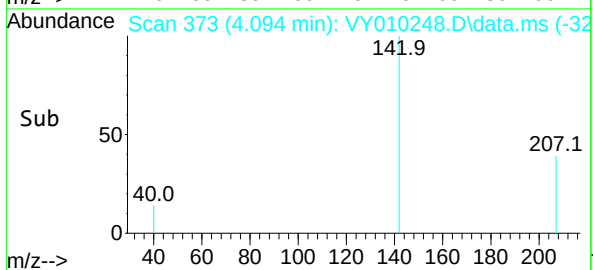
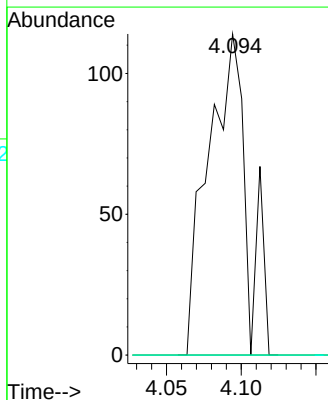
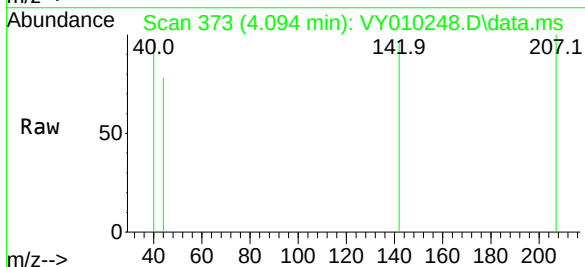
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

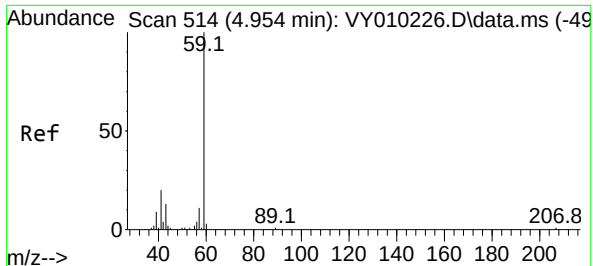
Tgt Ion:168 Resp: 136507
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#10
Methyl Iodide
Concen: 1.565 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.018 min
Lab File: VY010248.D
Acq: 31 Aug 2022 16:17

Tgt Ion:142 Resp: 205
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#





#11

Tert butyl alcohol

Concen: 4.679 ug/l

RT: 4.936 min Scan# 511

Delta R.T. -0.019 min

Lab File: VY010248.D

Acq: 31 Aug 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

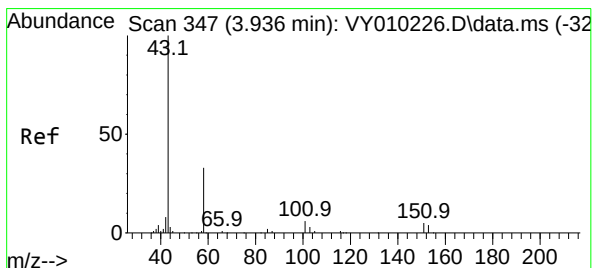
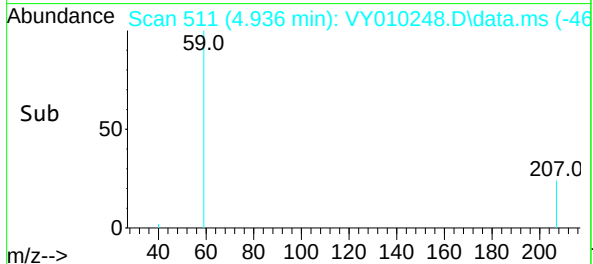
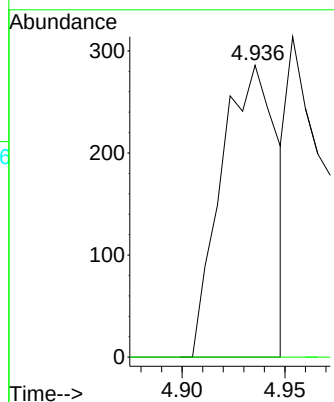
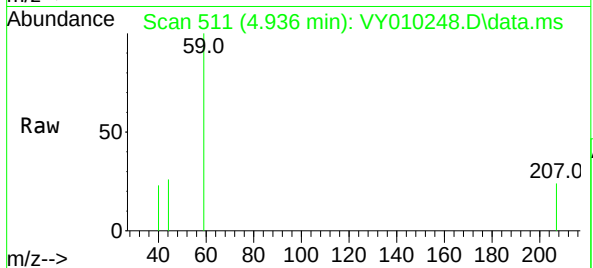
WC-1

Tgt Ion: 59 Resp: 538

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 5.032 ug/l

RT: 3.942 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY010248.D

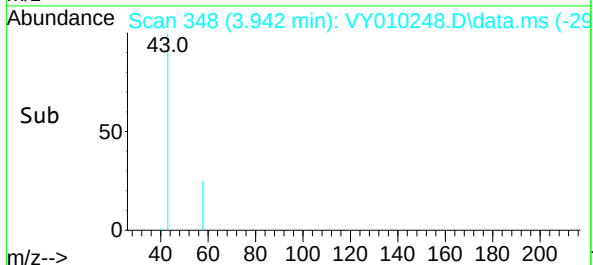
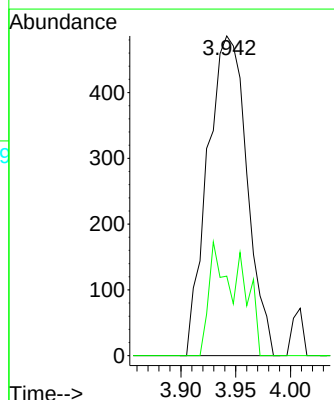
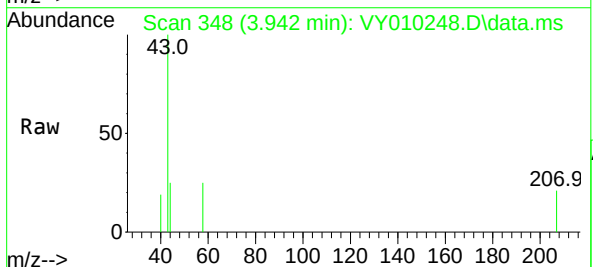
Acq: 31 Aug 2022 16:17

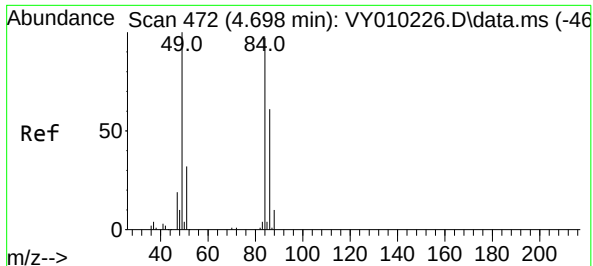
Tgt Ion: 43 Resp: 1216

Ion Ratio Lower Upper

43 100

58 24.9 22.0 33.0

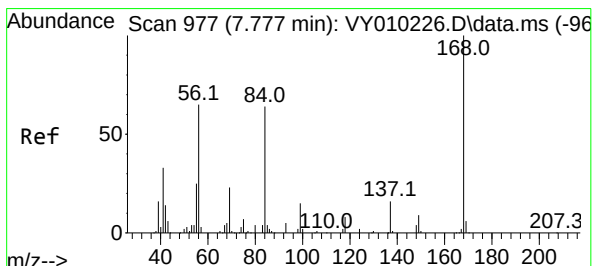
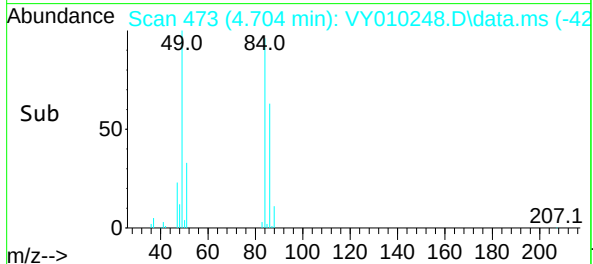
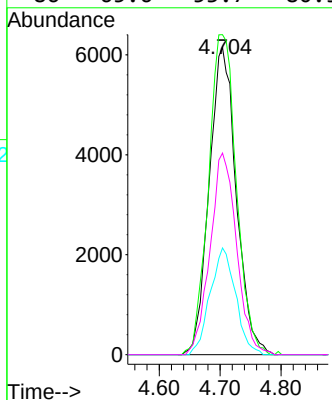
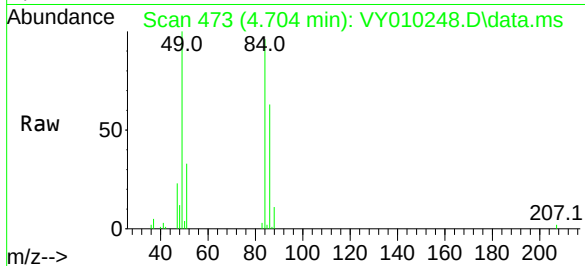




#20
Methylene Chloride
Concen: 13.360 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY010248.D
Acq: 31 Aug 2022 16:17

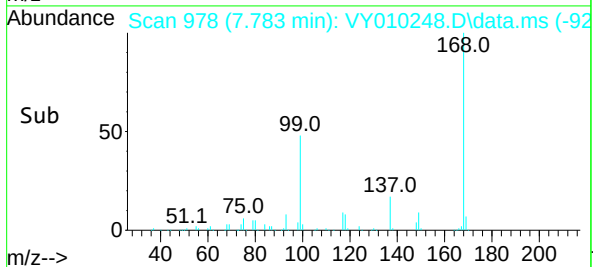
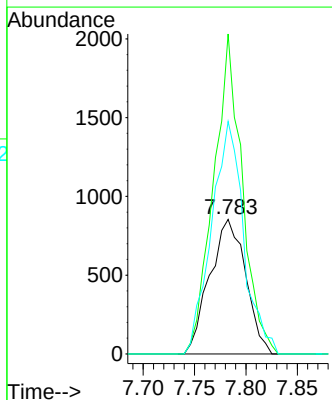
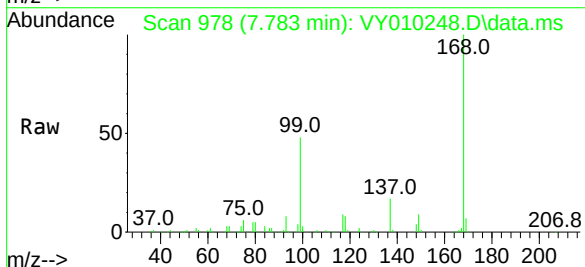
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

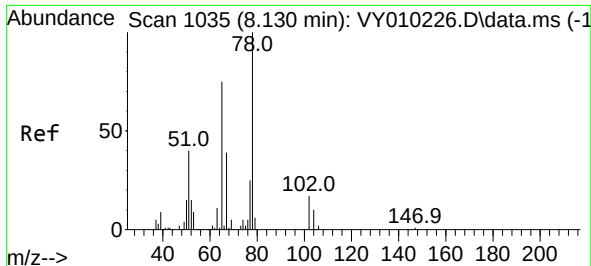
Tgt Ion:	84	Resp:	19010
Ion	Ratio	Lower	Upper
84	100		
49	104.2	114.4	171.6#
51	34.7	35.3	52.9#
86	65.6	53.7	80.5



#31
Cyclohexane
Concen: 1.012 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY010248.D
Acq: 31 Aug 2022 16:17

Tgt Ion:	56	Resp:	2077
Ion	Ratio	Lower	Upper
56	100		
69	237.8	26.7	40.1#
84	172.8	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 65.537 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010248.D

Acq: 31 Aug 2022 16:17

Instrument :

MSVOA_Y

ClientSampleId :

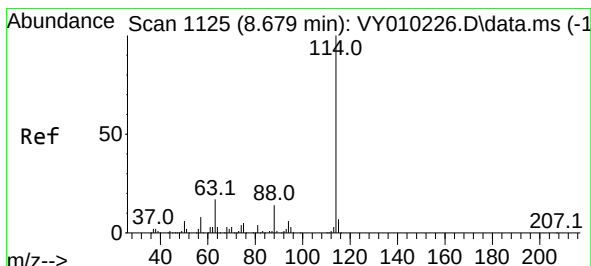
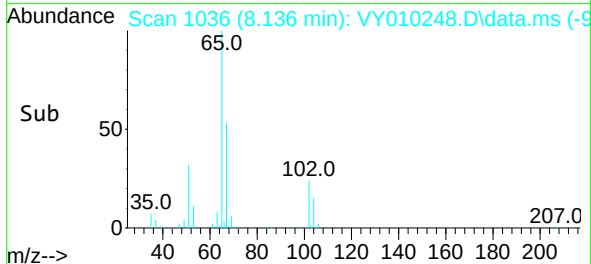
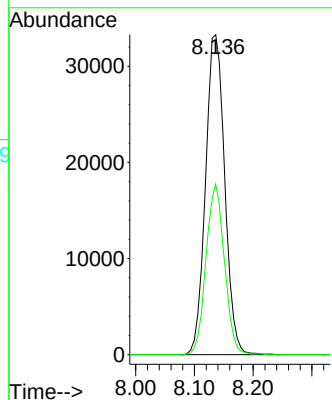
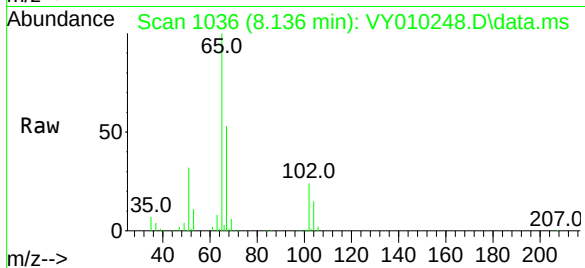
WC-1

Tgt Ion: 65 Resp: 75642

Ion Ratio Lower Upper

65 100

67 51.1 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010248.D

Acq: 31 Aug 2022 16:17

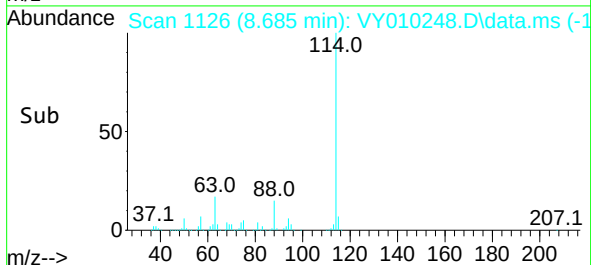
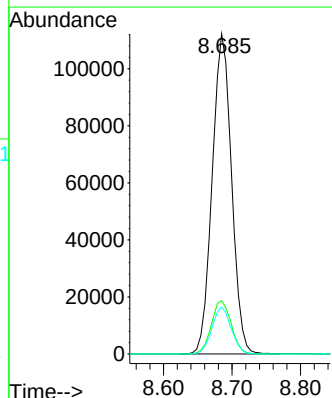
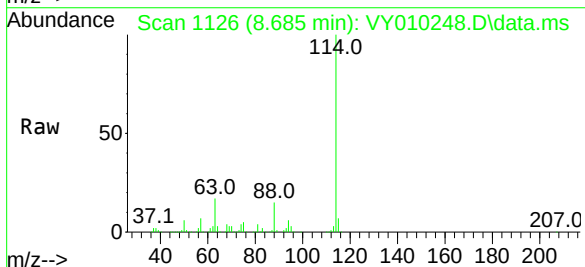
Tgt Ion: 114 Resp: 219772

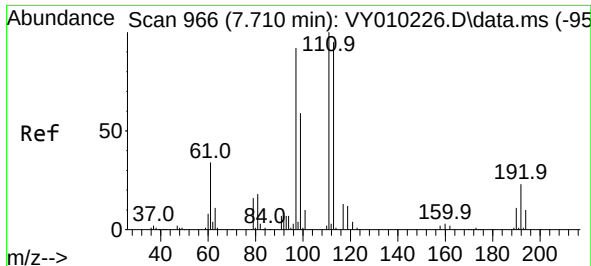
Ion Ratio Lower Upper

114 100

63 16.6 0.0 43.2

88 14.6 0.0 31.8

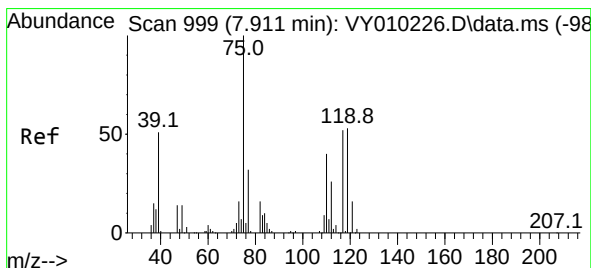
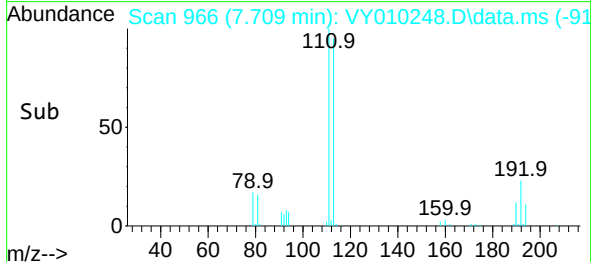
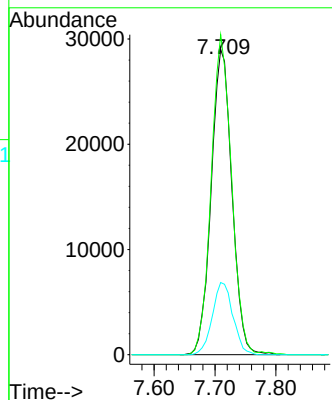
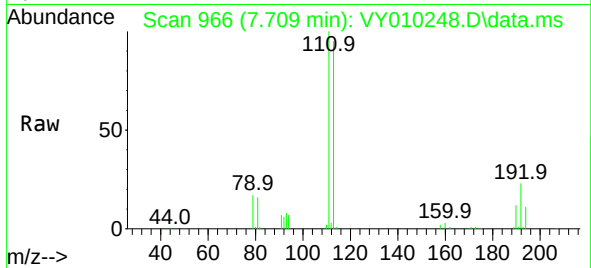




#35
Dibromofluoromethane
Concen: 54.287 ug/l
RT: 7.709 min Scan# 911
Delta R.T. -0.001 min
Lab File: VY010248.D
Acq: 31 Aug 2022 16:17

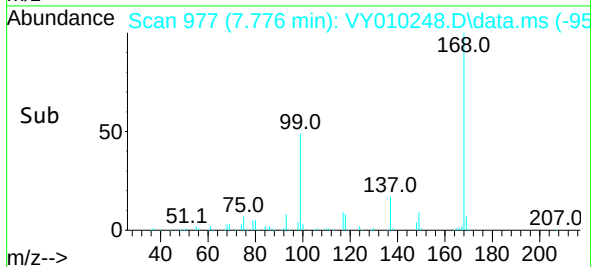
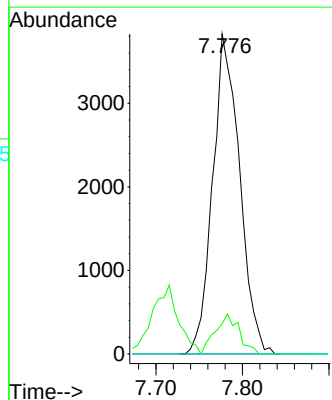
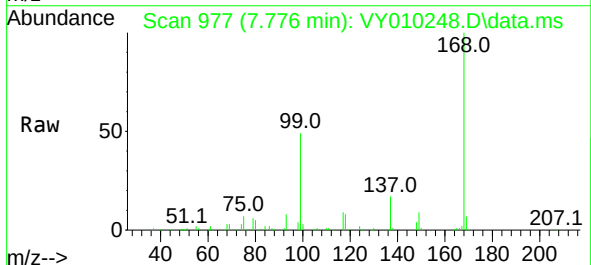
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ClientSampleId :
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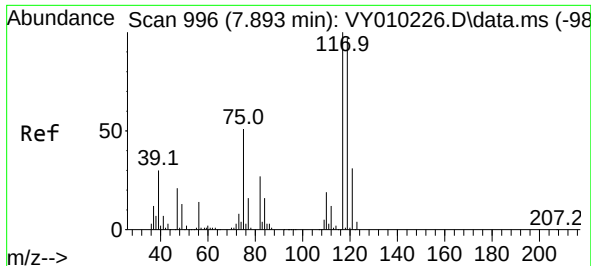
Tgt Ion:113 Resp: 68609
Ion Ratio Lower Upper
113 100
111 102.3 82.6 124.0
192 23.4 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.310 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.135 min
Lab File: VY010248.D
Acq: 31 Aug 2022 16:17

Tgt Ion: 75 Resp: 8260
Ion Ratio Lower Upper
75 100
110 11.0 17.1 51.2#
77 0.0 24.4 36.6#

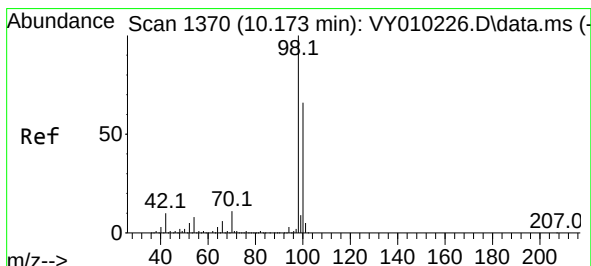
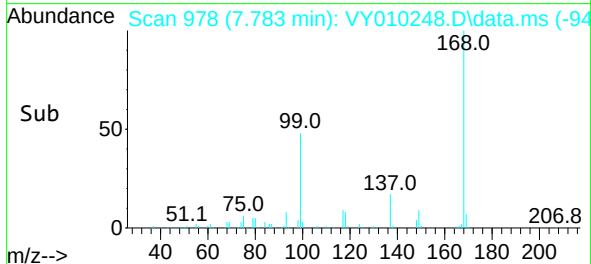
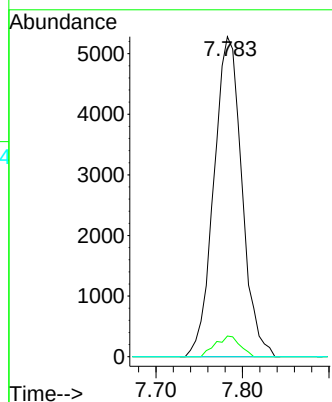
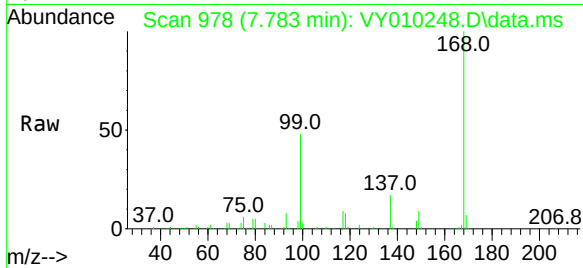




#38
Carbon Tetrachloride
Concen: 5.393 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY010248.D
Acq: 31 Aug 2022 16:17

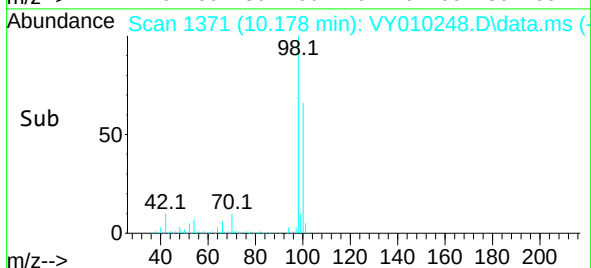
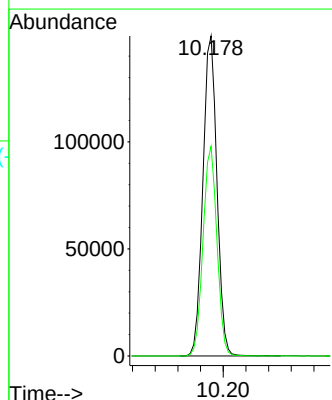
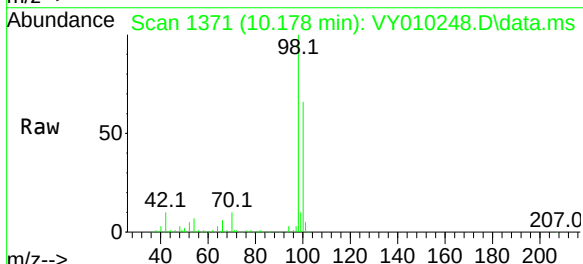
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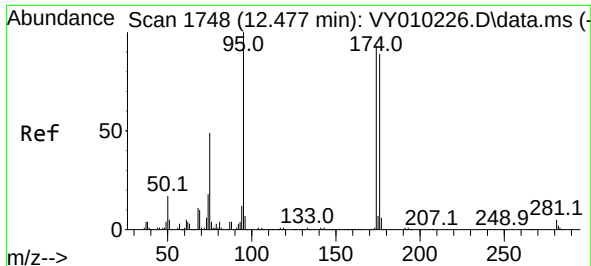
Tgt Ion:117 Resp: 11861
Ion Ratio Lower Upper
117 100
119 6.5 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.663 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. 0.005 min
Lab File: VY010248.D
Acq: 31 Aug 2022 16:17

Tgt Ion: 98 Resp: 256995
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

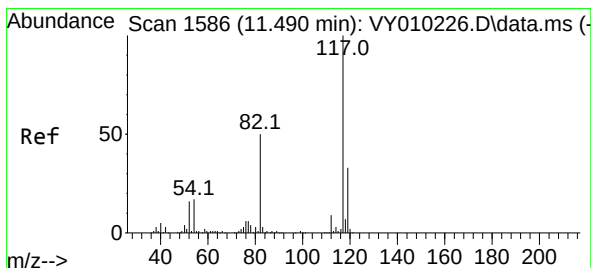
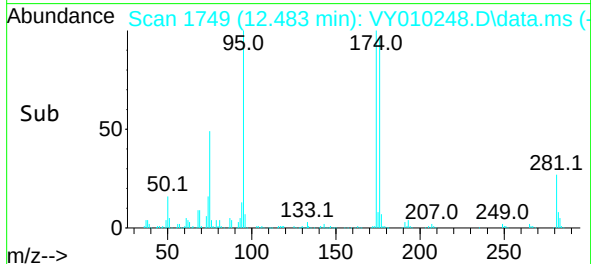
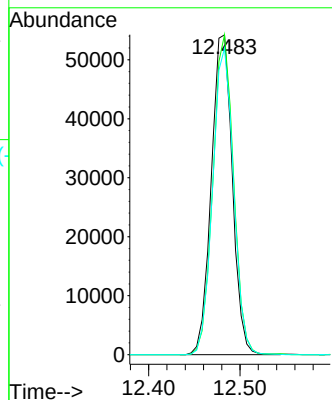
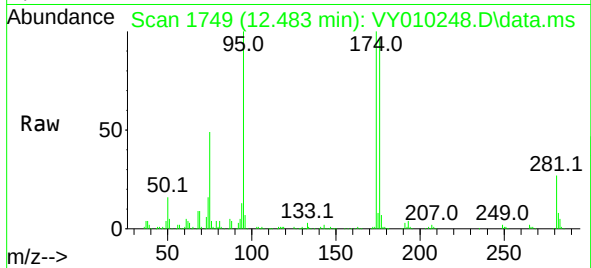




#62
4-Bromofluorobenzene
Concen: 49.424 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010248.D
Acq: 31 Aug 2022 16:17

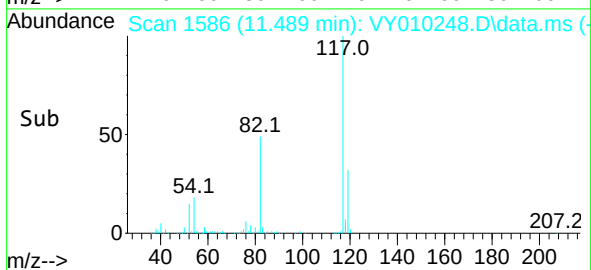
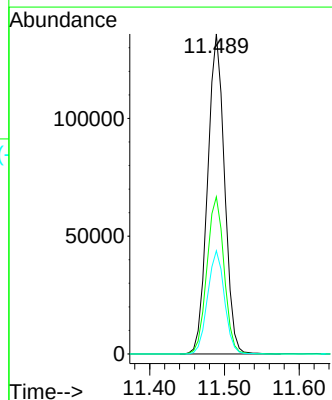
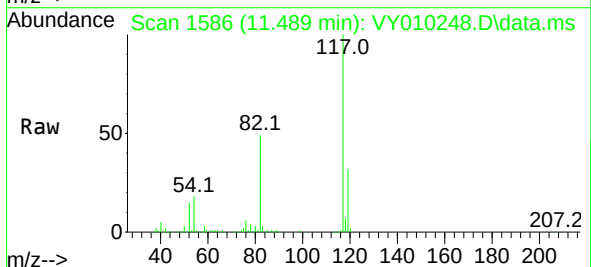
Instrument :
MSVOA_Y
ClientSampleId :
WC-1

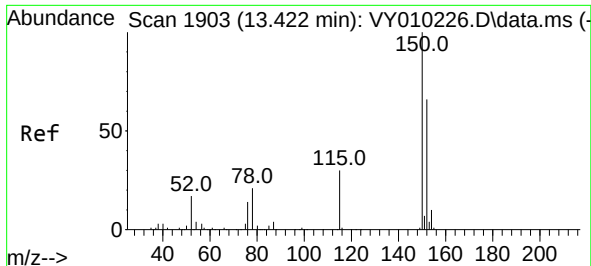
Tgt Ion: 95 Resp: 86540
Ion Ratio Lower Upper
95 100
174 98.3 0.0 177.0
176 95.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010248.D
Acq: 31 Aug 2022 16:17

Tgt Ion: 117 Resp: 213134
Ion Ratio Lower Upper
117 100
82 49.1 43.0 64.4
119 32.2 25.4 38.0

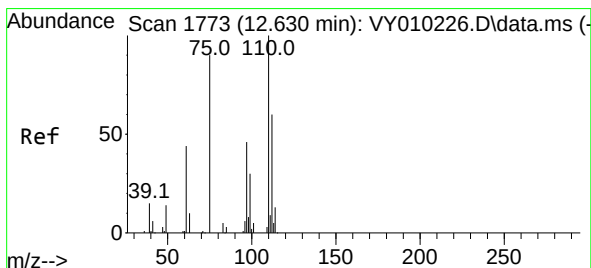
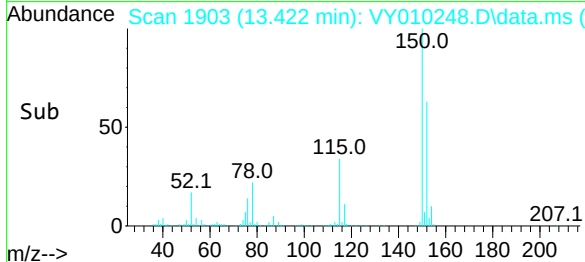
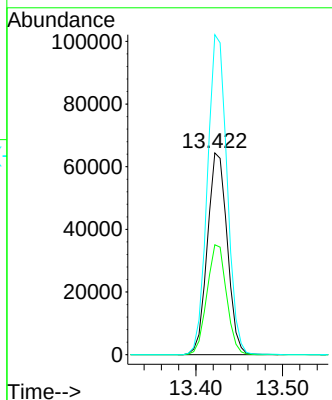
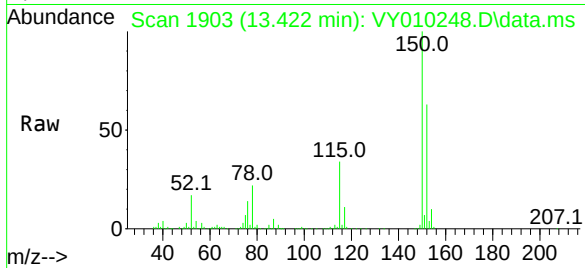




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY010248.D
 Acq: 31 Aug 2022 16:17

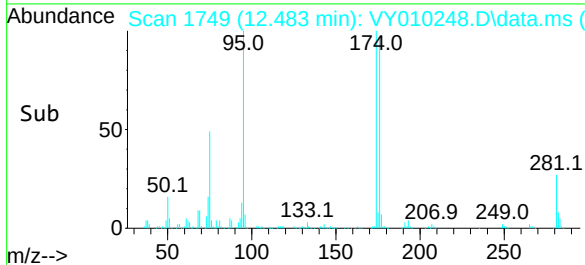
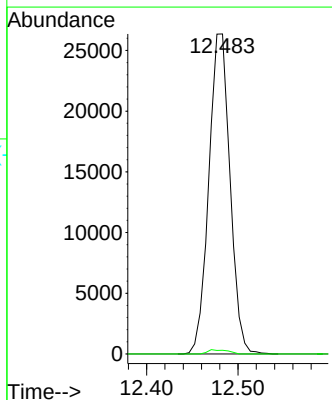
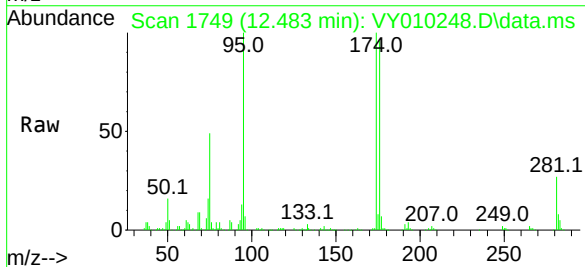
Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

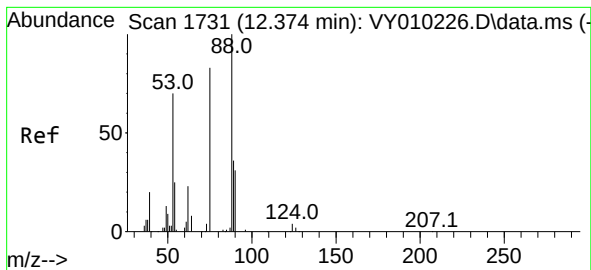
Tgt Ion:152 Resp: 102524
 Ion Ratio Lower Upper
 152 100
 115 53.7 28.2 84.7
 150 157.0 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 42.164 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY010248.D
 Acq: 31 Aug 2022 16:17

Tgt Ion: 75 Resp: 42506
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.967 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY010248.D
 Acq: 31 Aug 2022 16:17

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-1

Tgt Ion: 75 Resp: 42506
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.4 37.0 55.4#

