

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052022\
 Data File : VY008922.D
 Acq On : 20 May 2022 23:18
 Operator : KP/MD
 Sample : N2907-02
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GC-2

Quant Time: May 20 23:57:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

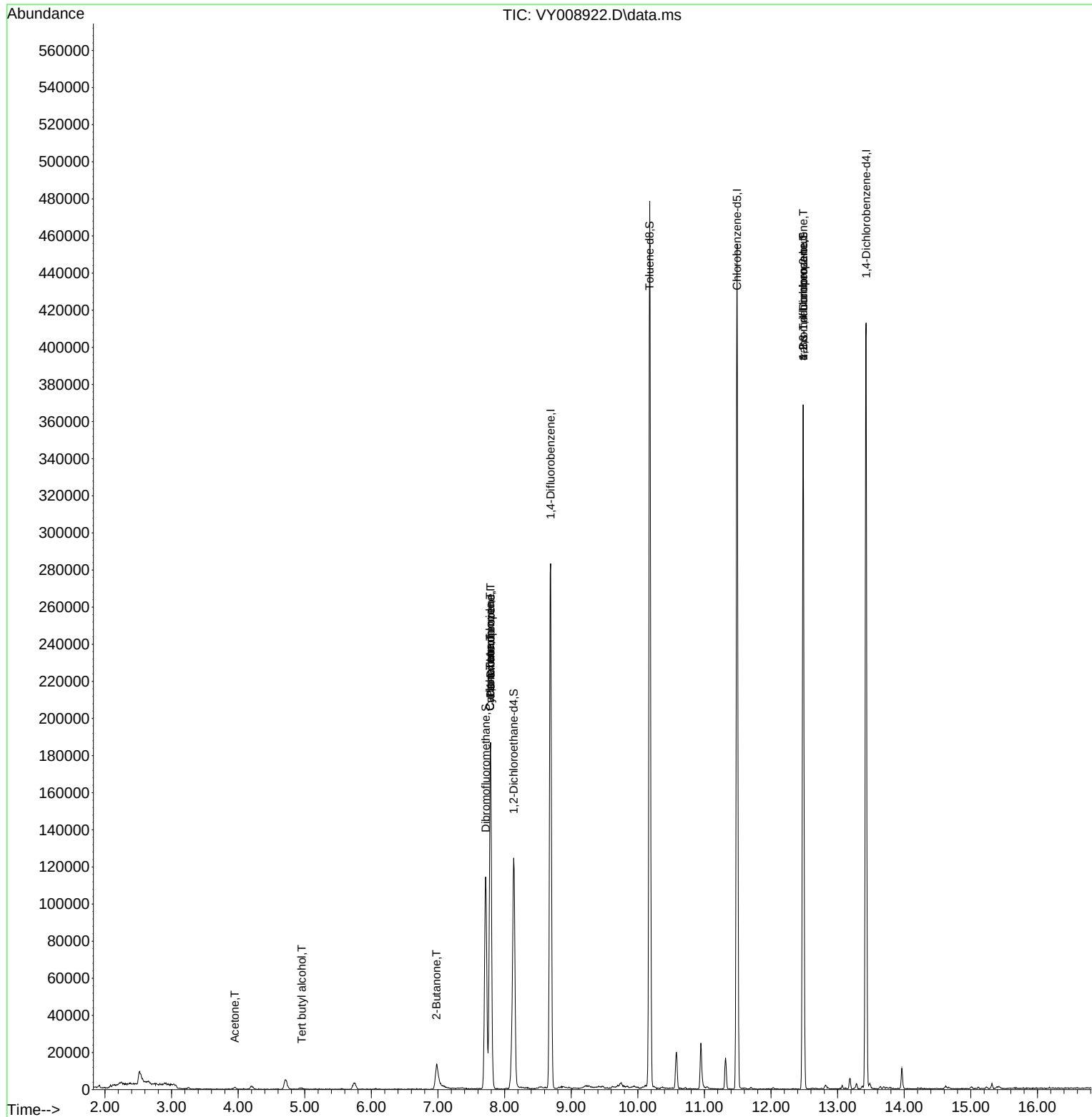
Internal Standards						
1) Pentafluorobenzene	7.789	168	143630	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	248468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	232527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	101594	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	86709	58.658	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.320%
35) Dibromofluoromethane	7.716	113	78344	50.706	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.420%
50) Toluene-d8	10.179	98	304429	53.408	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.820%
62) 4-Bromofluorobenzene	12.483	95	92263	40.126	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.954	59	533	3.555	ug/l #	77
16) Acetone	3.948	43	1725	5.606	ug/l	92
20) Methylene Chloride	4.710	84	3936	Below Cal	#	73
25) 2-Butanone	6.978	43	824	1.499	ug/l #	91
31) Cyclohexane	7.783	56	3499	1.210	ug/l #	50
36) 1,1-Dichloropropene	7.789	75	12220	4.647	ug/l #	50
38) Carbon Tetrachloride	7.783	117	14318	5.205	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	51846	47.522	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	51846	97.538	ug/l #	7

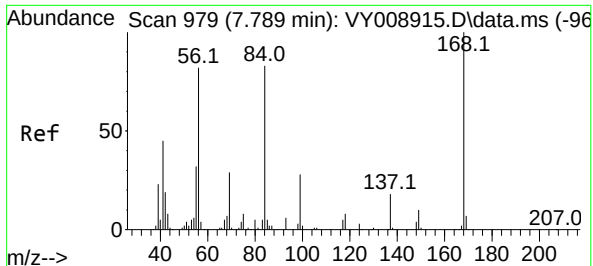
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

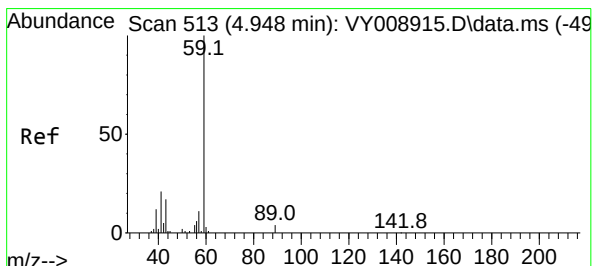
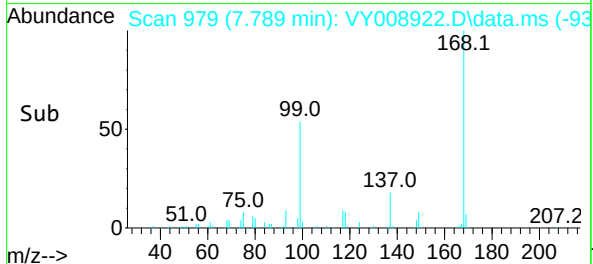
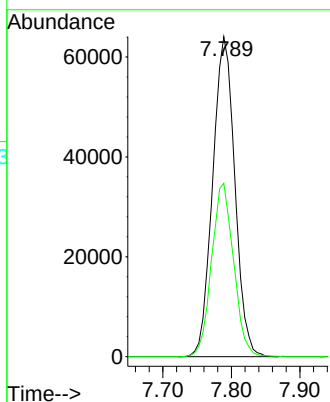
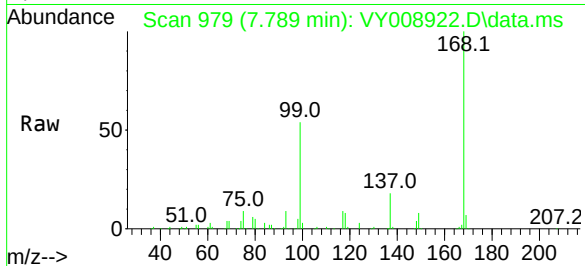




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

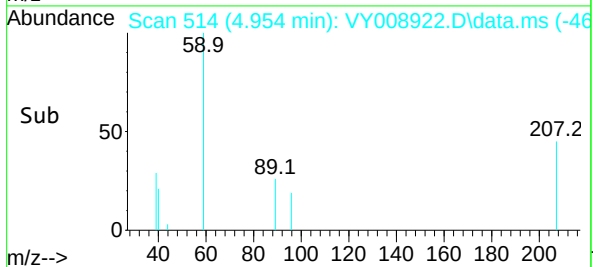
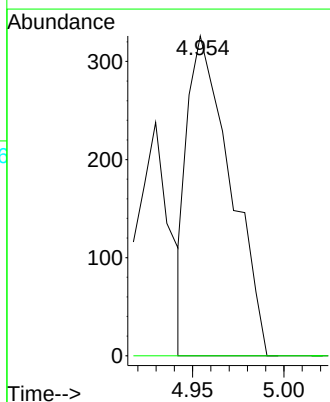
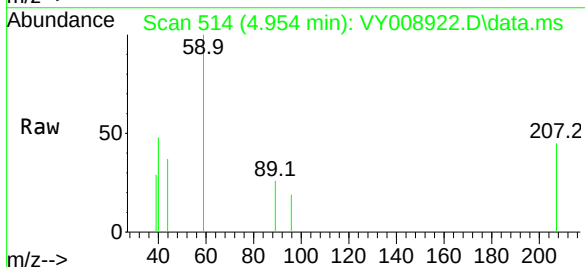
Instrument :
MSVOA_Y
ClientSampleId :
GC-2

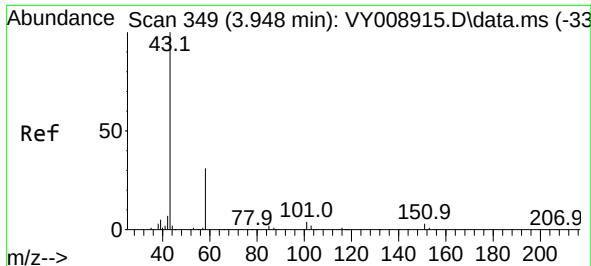
Tgt Ion:168 Resp: 143630
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.555 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

Tgt Ion: 59 Resp: 533
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

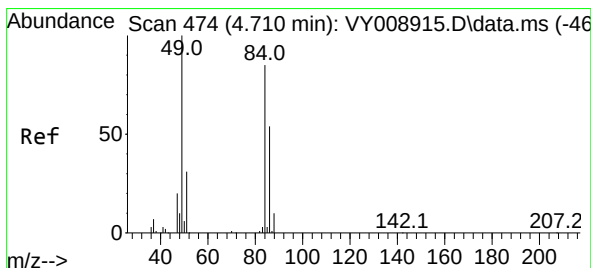
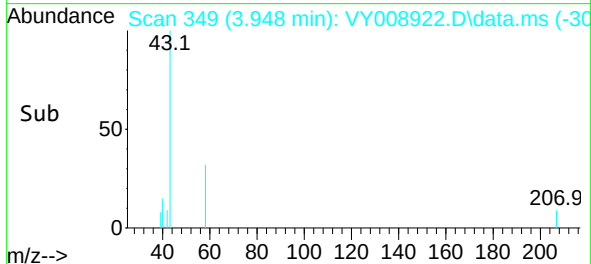
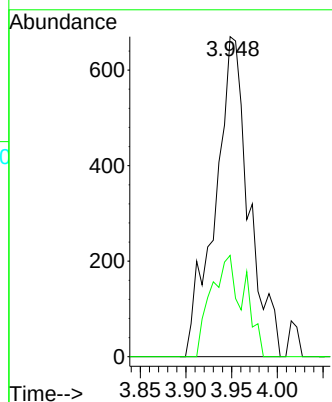
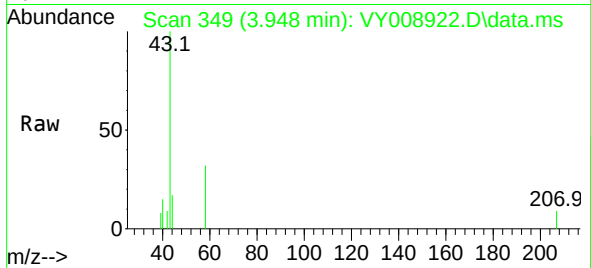




#16
Acetone
Concen: 5.606 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

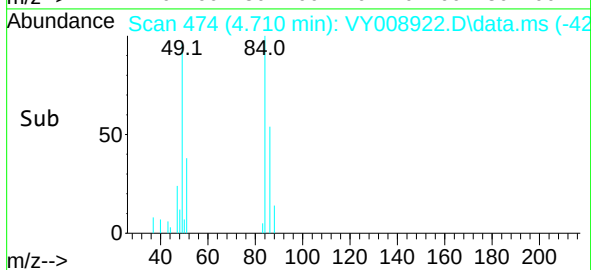
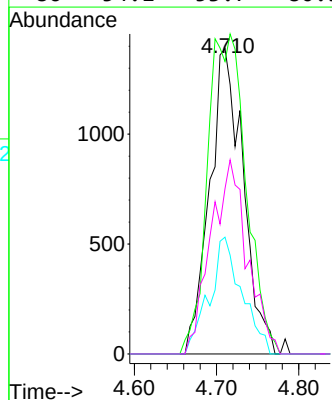
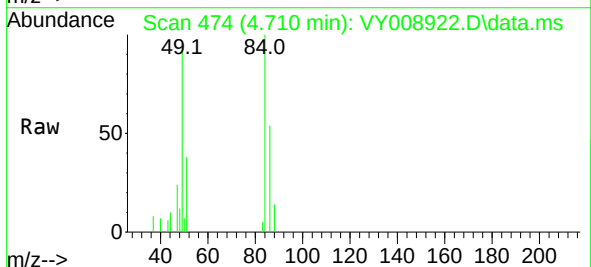
Instrument :
MSVOA_Y
ClientSampleId :
GC-2

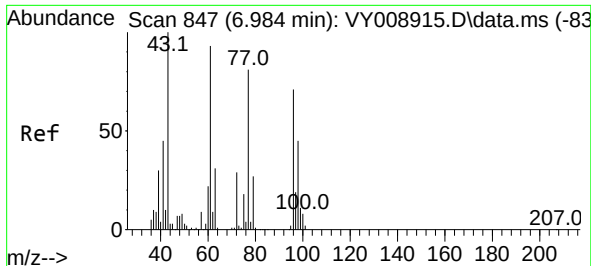
Tgt Ion: 43 Resp: 1725
Ion Ratio Lower Upper
43 100
58 31.6 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

Tgt Ion: 84 Resp: 3936
Ion Ratio Lower Upper
84 100
49 95.8 114.4 171.6#
51 38.2 35.3 52.9
86 54.1 53.7 80.5

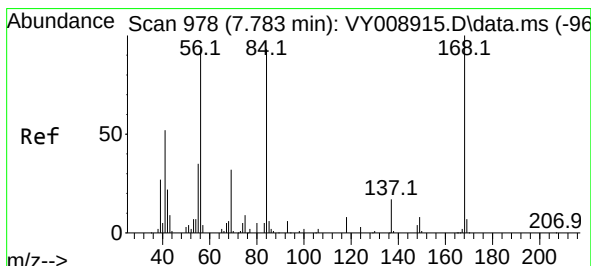
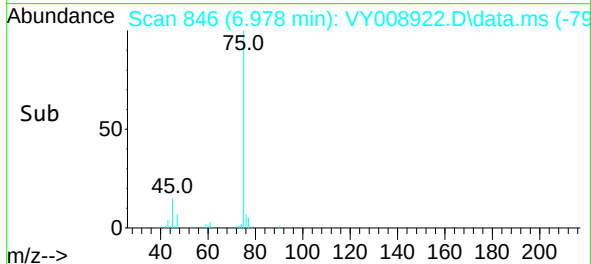
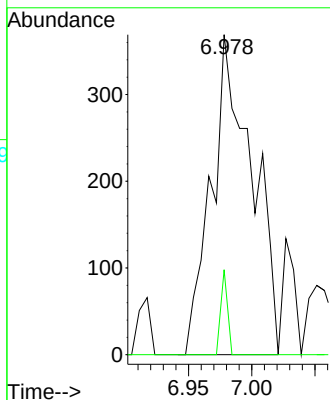
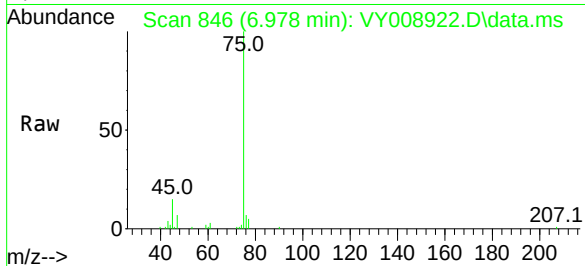




#25
2-Butanone
Concen: 1.499 ug/l
RT: 6.978 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

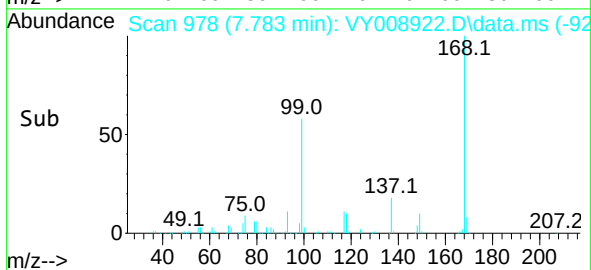
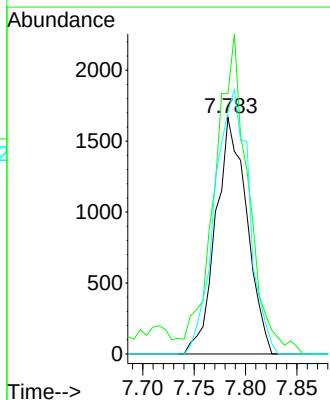
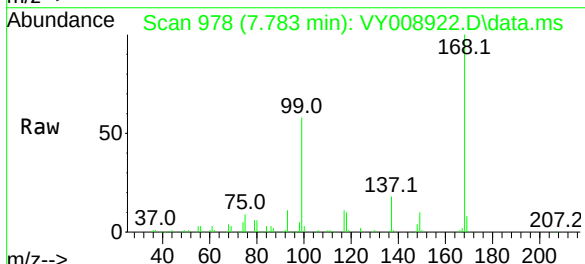
Instrument :
MSVOA_Y
ClientSampleId :
GC-2

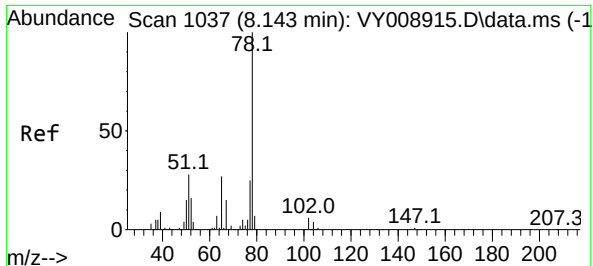
Tgt Ion: 43 Resp: 824
Ion Ratio Lower Upper
43 100
72 26.6 17.7 26.5#



#31
Cyclohexane
Concen: 1.210 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

Tgt Ion: 56 Resp: 3499
Ion Ratio Lower Upper
56 100
69 103.6 26.7 40.1#
84 102.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 58.658 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY008922.D

Acq: 20 May 2022 23:18

Instrument :

MSVOA_Y

ClientSampleId :

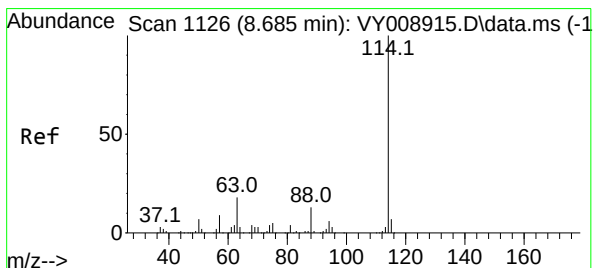
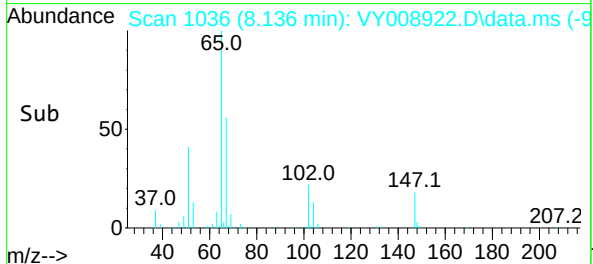
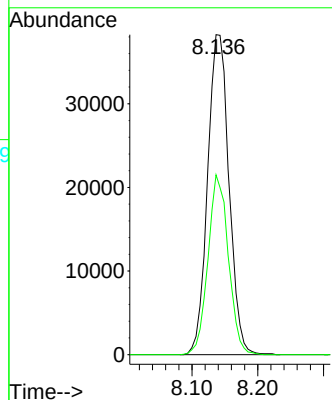
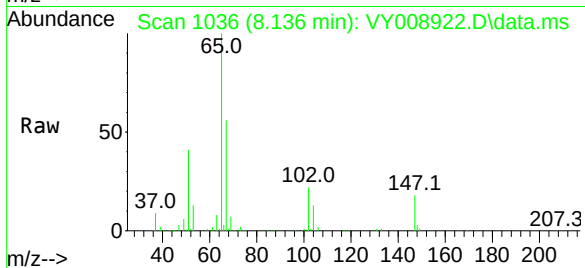
GC-2

Tgt Ion: 65 Resp: 86709

Ion Ratio Lower Upper

65 100

67 53.6 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008922.D

Acq: 20 May 2022 23:18

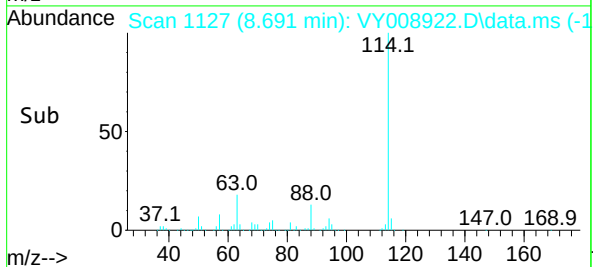
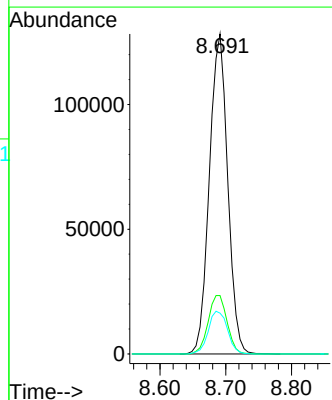
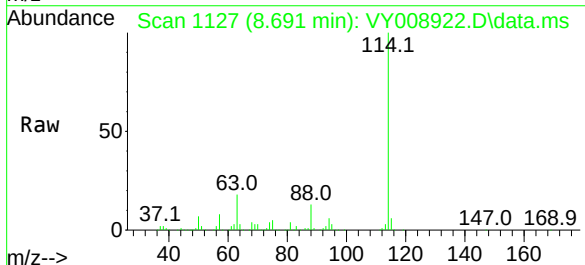
Tgt Ion: 114 Resp: 248468

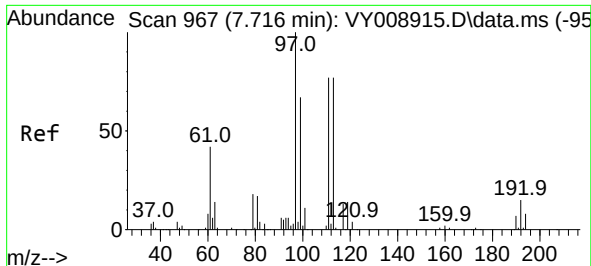
Ion Ratio Lower Upper

114 100

63 18.3 0.0 43.2

88 12.8 0.0 31.8

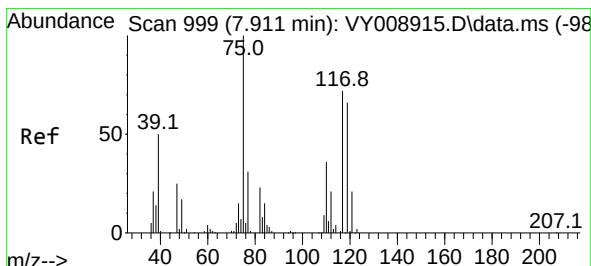
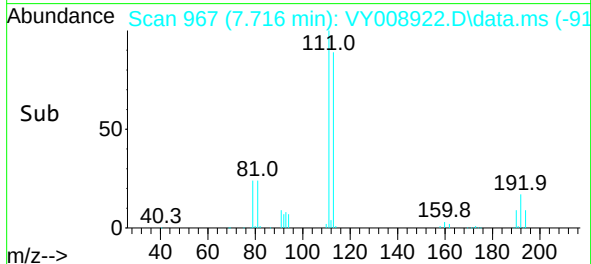
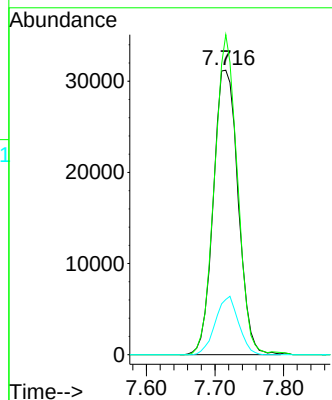
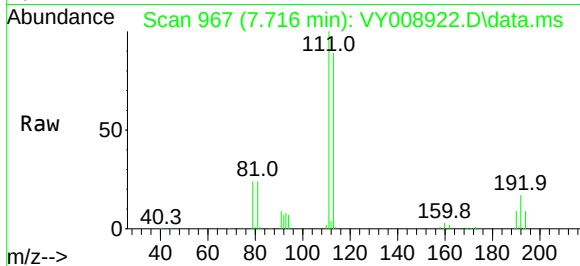




#35
Dibromofluoromethane
Concen: 50.706 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

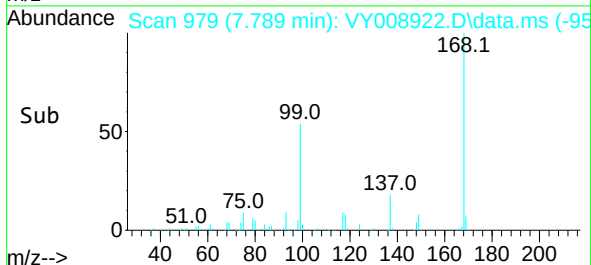
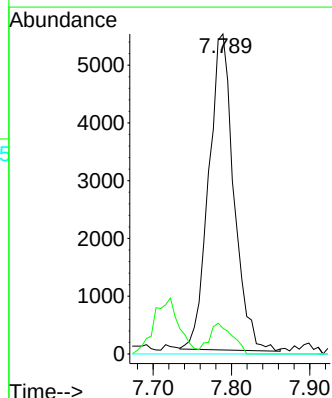
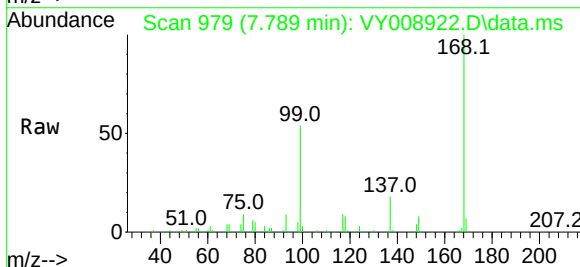
Instrument :
MSVOA_Y
ClientSampleId :
GC-2

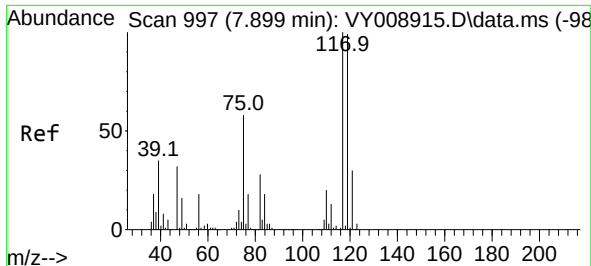
Tgt Ion:113 Resp: 78344
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 19.1 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.647 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

Tgt Ion: 75 Resp: 12220
Ion Ratio Lower Upper
75 100
110 8.8 17.1 51.2#
77 0.0 24.4 36.6#

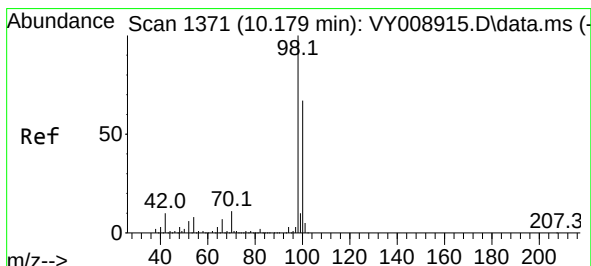
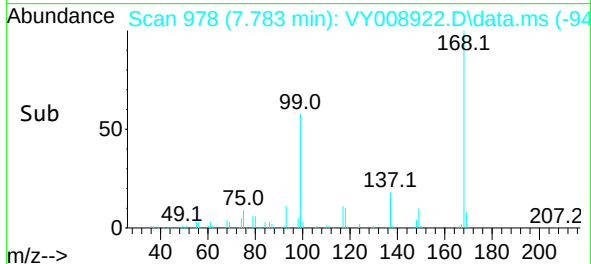
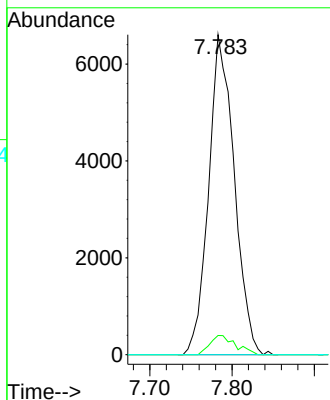
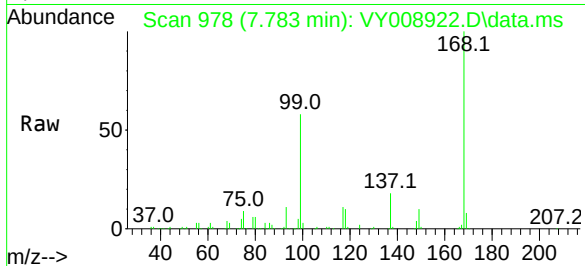




#38
Carbon Tetrachloride
Concen: 5.205 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

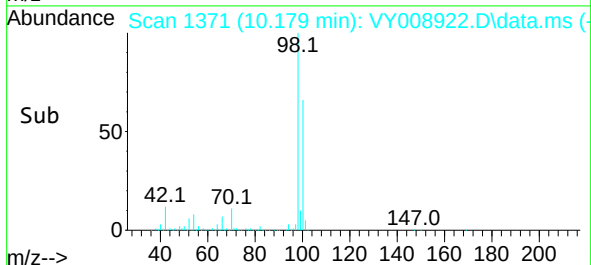
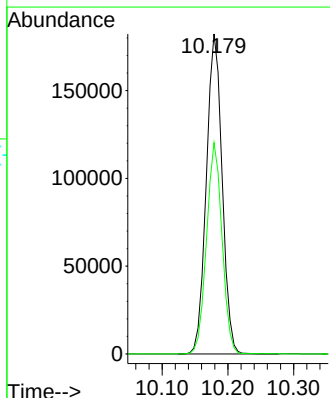
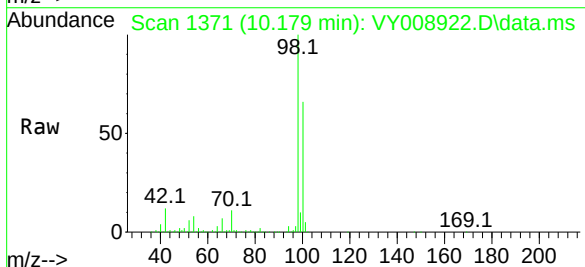
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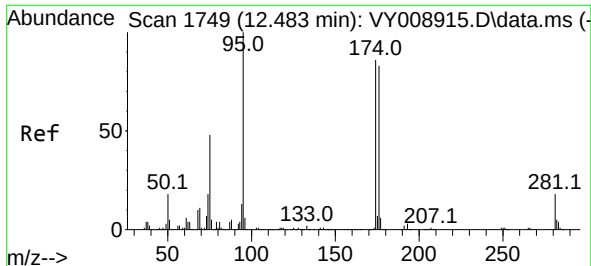
Tgt Ion:117 Resp: 14318
Ion Ratio Lower Upper
117 100
119 6.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.408 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

Tgt Ion: 98 Resp: 304429
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

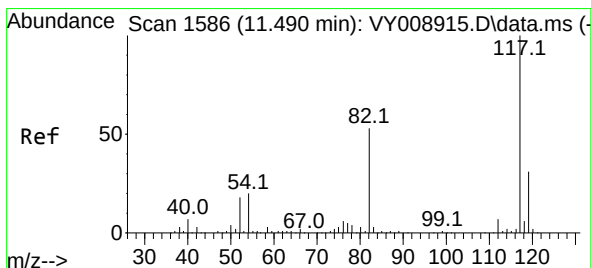
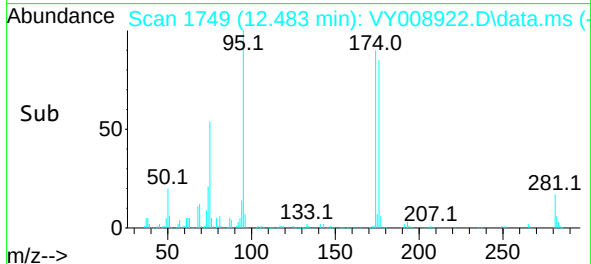
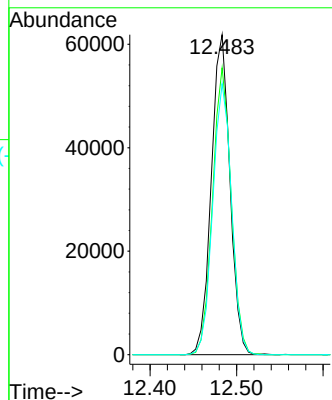
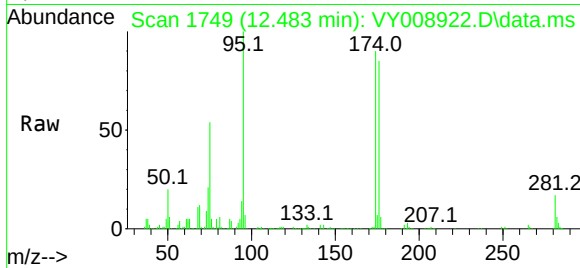




#62
4-Bromofluorobenzene
Concen: 40.126 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

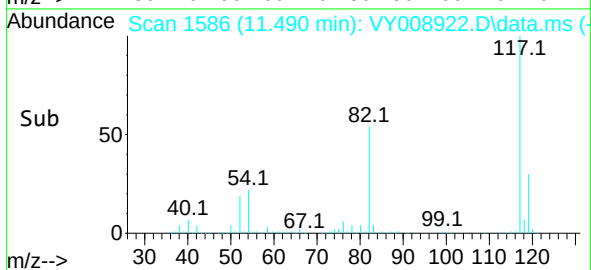
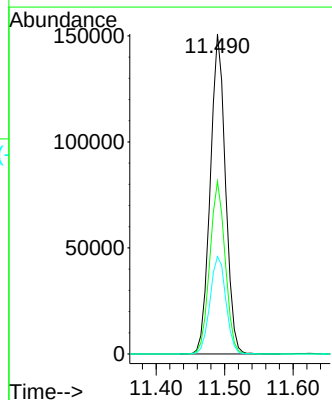
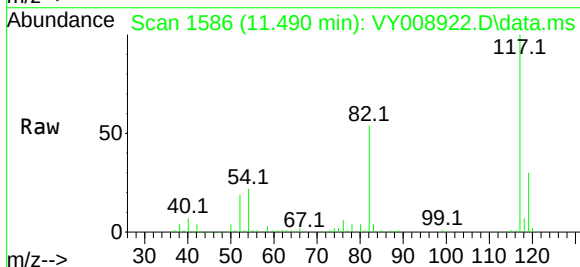
Instrument :
MSVOA_Y
ClientSampleId :
GC-2

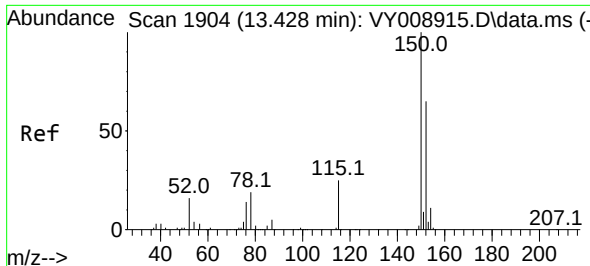
Tgt Ion: 95 Resp: 92263
Ion Ratio Lower Upper
95 100
174 89.6 0.0 177.0
176 85.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY008922.D
Acq: 20 May 2022 23:18

Tgt Ion: 117 Resp: 232527
Ion Ratio Lower Upper
117 100
82 53.9 43.0 64.4
119 30.4 25.4 38.0

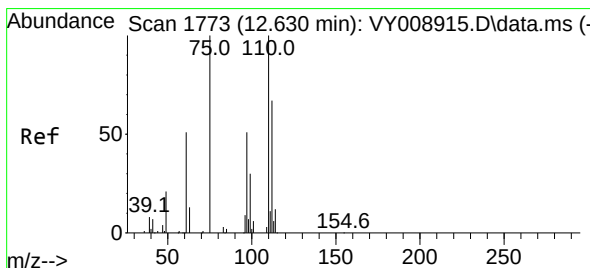
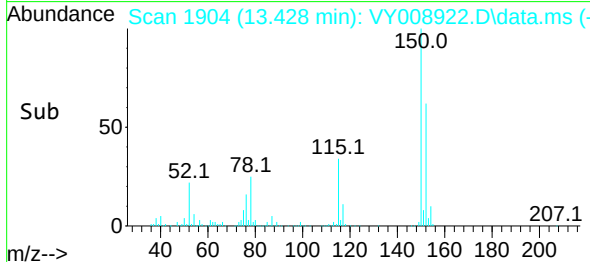
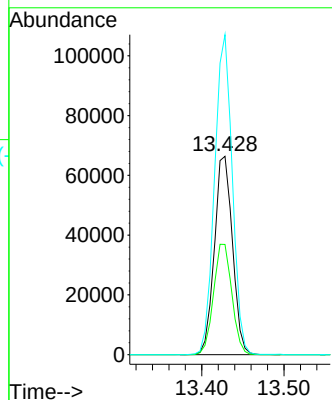
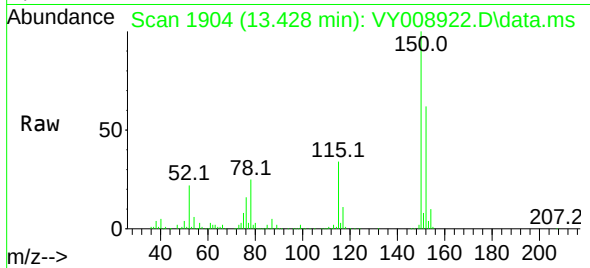




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008922.D
 Acq: 20 May 2022 23:18

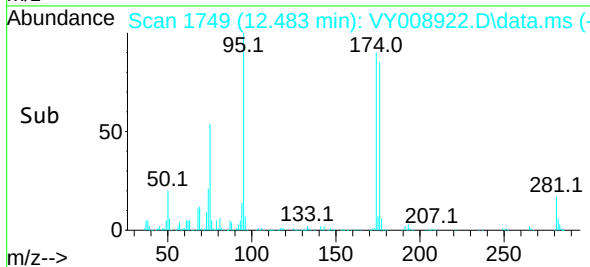
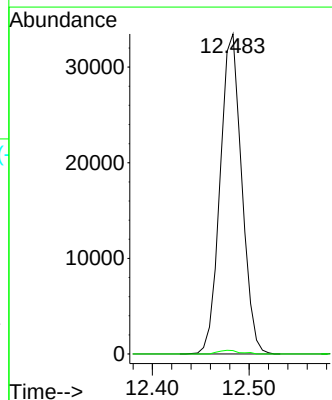
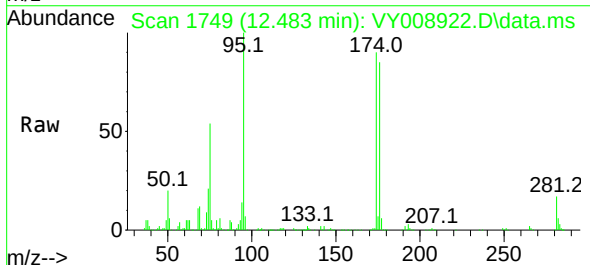
Instrument :
 MSVOA_Y
 ClientSampleId :
 GC-2

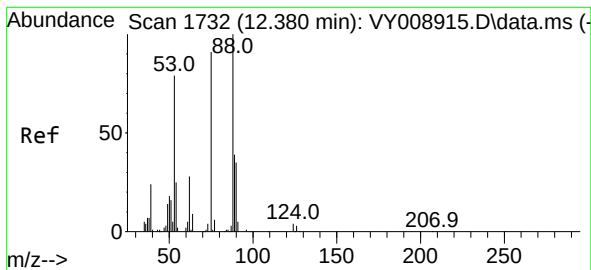
Tgt Ion:152 Resp: 101594
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 157.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.522 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY008922.D
 Acq: 20 May 2022 23:18

Tgt Ion: 75 Resp: 51846
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.538 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY008922.D
 Acq: 20 May 2022 23:18

Instrument :
 MSVOA_Y
 ClientSampleId :
 GC-2

Tgt Ion: 75 Resp: 51846
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.5 37.0 55.4#

