

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060222\
 Data File : VY009129.D
 Acq On : 02 Jun 2022 15:51
 Operator : KP/MD
 Sample : N3139-03
 Misc : 3.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Quant Time: Jun 03 03:12:48 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)

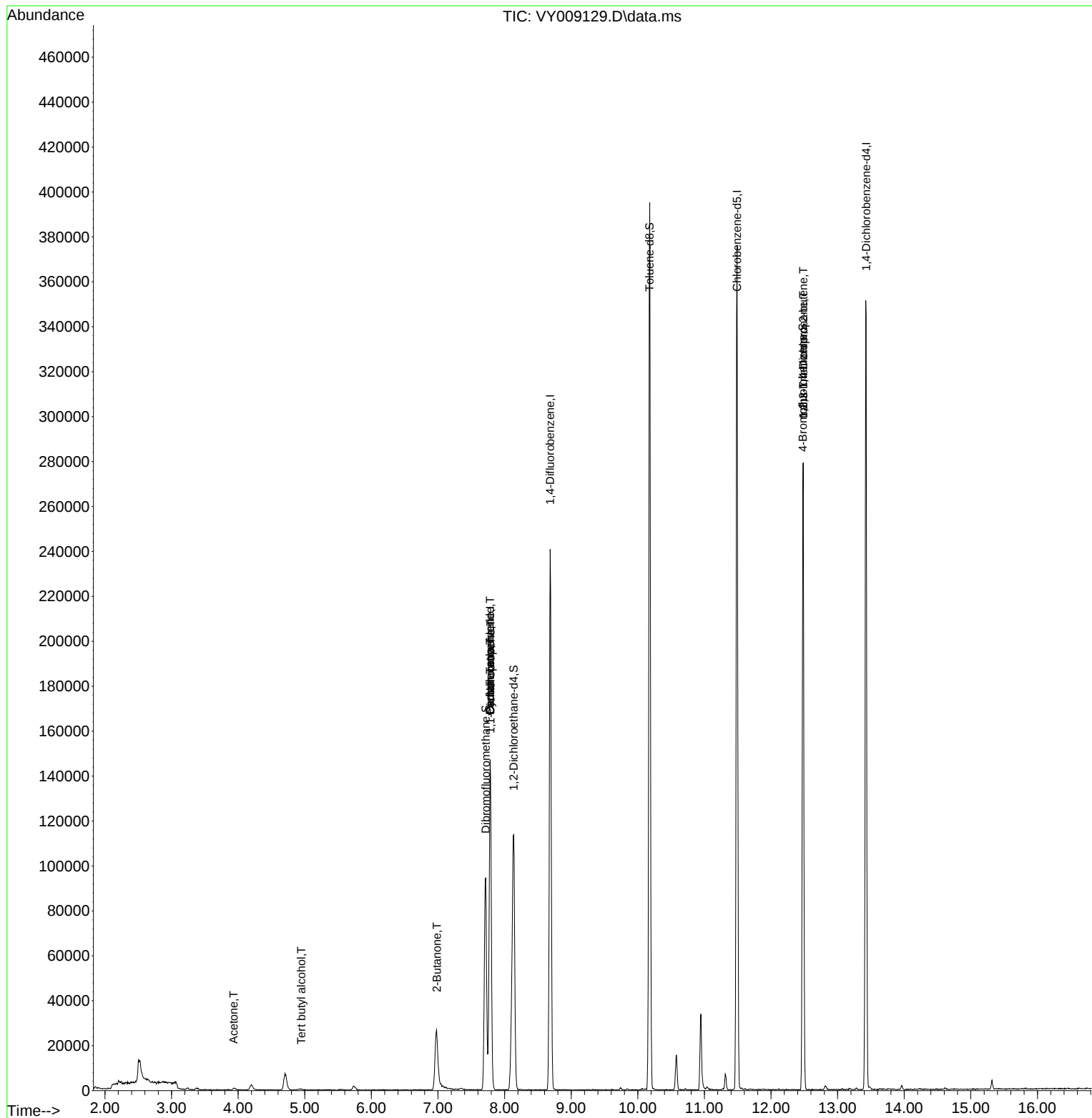
Internal Standards						
1) Pentafluorobenzene	7.783	168	111017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	199609	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	192283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84022	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74435	65.147	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 130.300%		
35) Dibromofluoromethane	7.716	113	64573	52.022	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.040%		
50) Toluene-d8	10.179	98	247736	54.101	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 108.200%		
62) 4-Bromofluorobenzene	12.477	95	72539	39.270	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 78.540%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.948	59	499	4.306	ug/l #	77
16) Acetone	3.930	43	1552	6.526	ug/l	100
20) Methylene Chloride	4.704	84	5367	Below Cal		90
25) 2-Butanone	6.984	43	1821	4.287	ug/l #	81
31) Cyclohexane	7.783	56	2712	1.213	ug/l #	15
36) 1,1-Dichloropropene	7.789	75	9573	4.532	ug/l #	51
38) Carbon Tetrachloride	7.783	117	11363	5.142	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	42724	47.350	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	42724	97.187	ug/l #	7

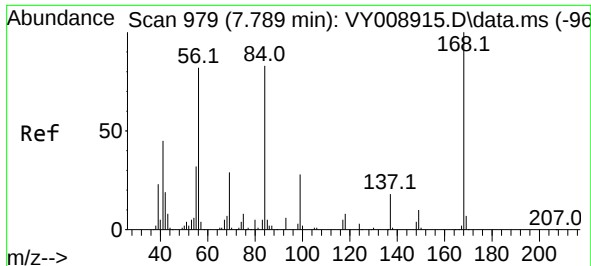
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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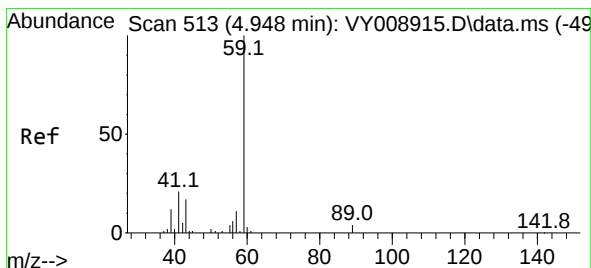
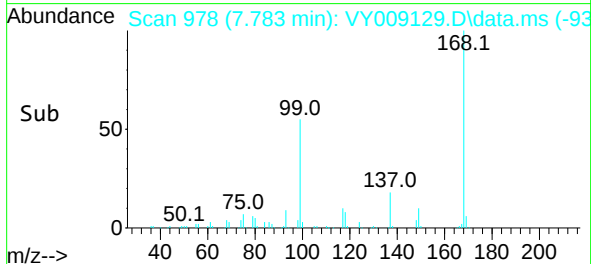
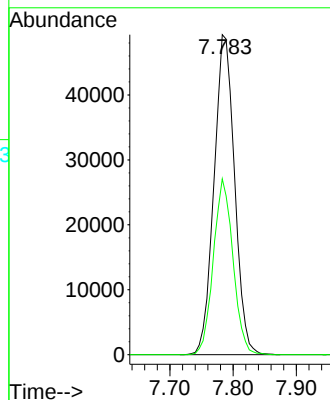
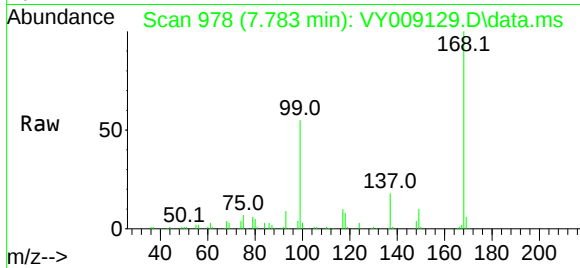




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009129.D
Acq: 02 Jun 2022 15:51

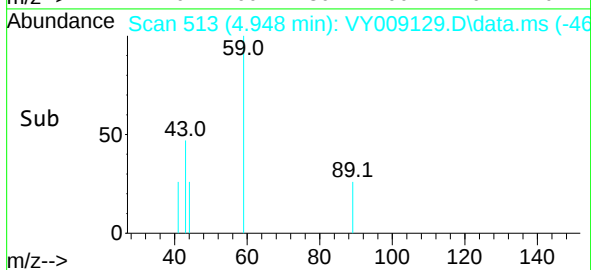
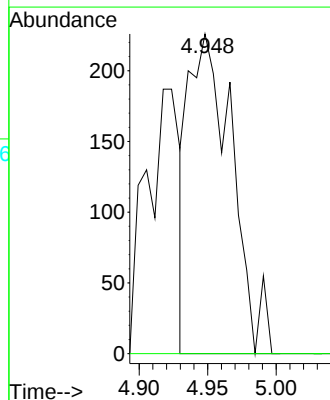
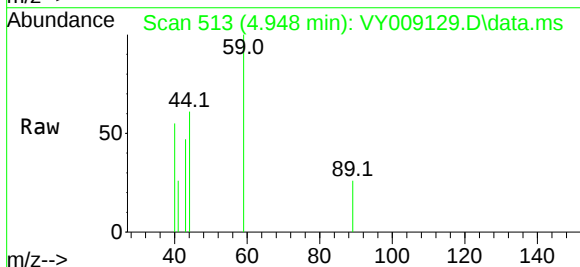
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

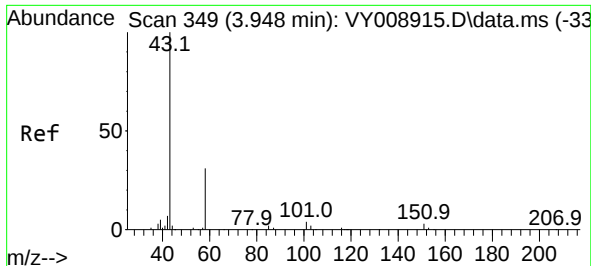
Tgt Ion:168 Resp: 111017
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#11
Tert butyl alcohol
Concen: 4.306 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY009129.D
Acq: 02 Jun 2022 15:51

Tgt Ion: 59 Resp: 499
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

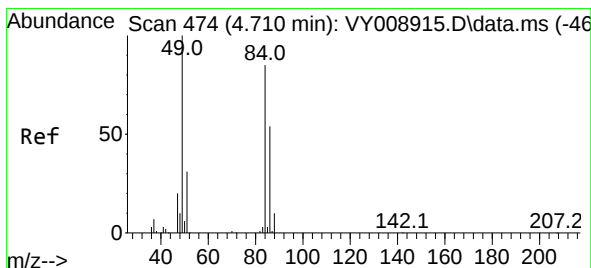
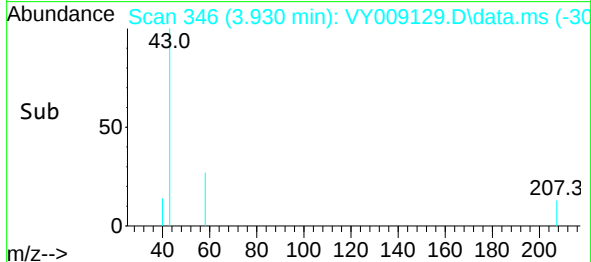
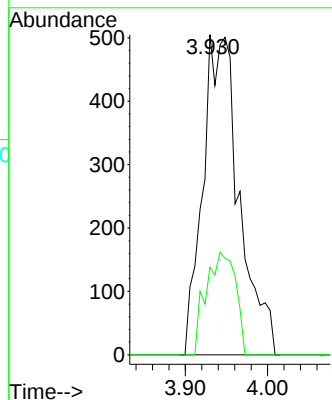
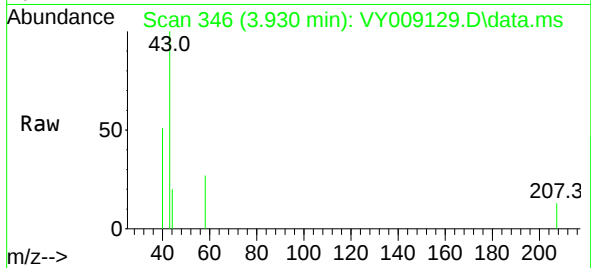




#16
Acetone
Concen: 6.526 ug/l
RT: 3.930 min Scan# 349
Delta R.T. -0.018 min
Lab File: VY009129.D
Acq: 02 Jun 2022 15:51

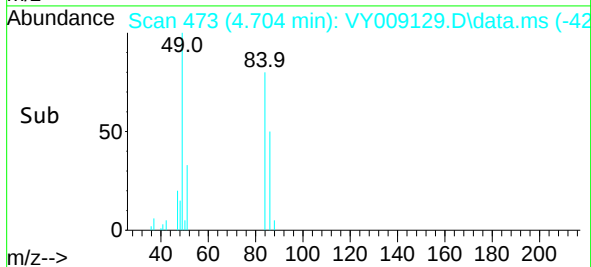
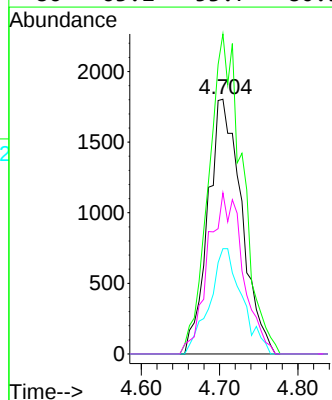
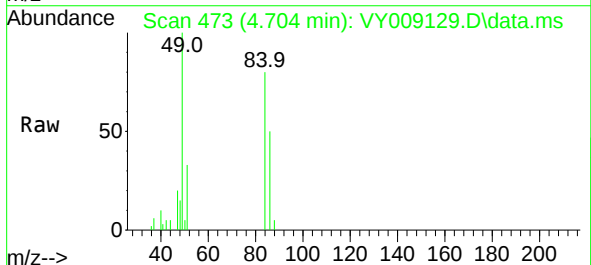
Instrument :
MSVOA_Y
ClientSampleId :
COMP-3

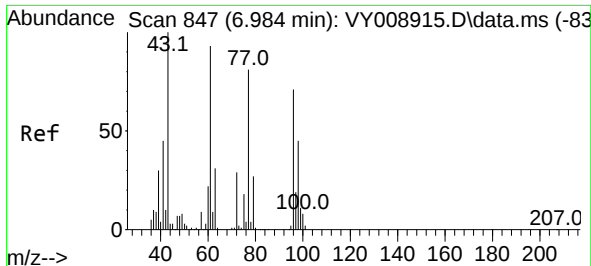
Tgt Ion: 43 Resp: 1552
Ion Ratio Lower Upper
43 100
58 27.3 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY009129.D
Acq: 02 Jun 2022 15:51

Tgt Ion: 84 Resp: 5367
Ion Ratio Lower Upper
84 100
49 125.6 114.4 171.6
51 41.4 35.3 52.9
86 63.2 53.7 80.5





#25

2-Butanone

Concen: 4.287 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY009129.D

Acq: 02 Jun 2022 15:51

Instrument :

MSVOA_Y

ClientSampleId :

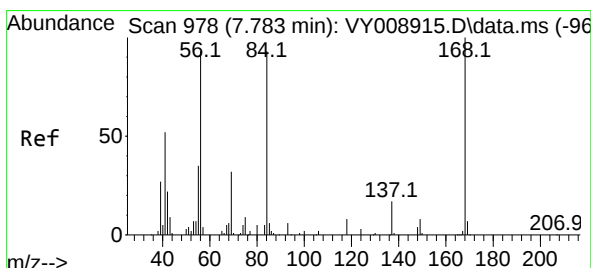
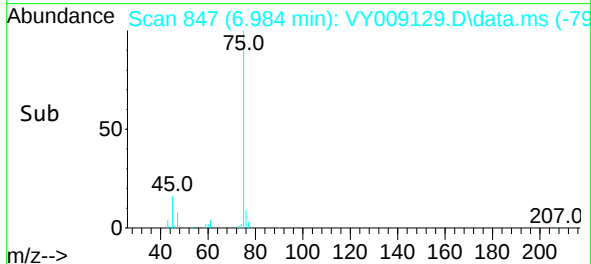
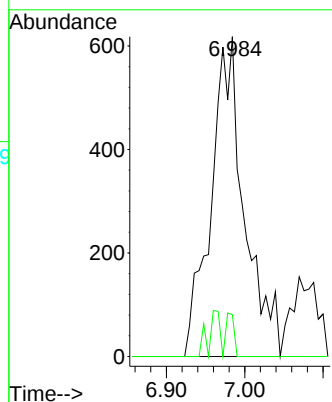
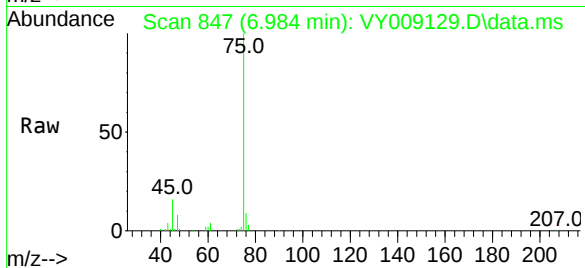
COMP-3

Tgt Ion: 43 Resp: 1821

Ion Ratio Lower Upper

43 100

72 13.1 17.7 26.5#



#31

Cyclohexane

Concen: 1.213 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY009129.D

Acq: 02 Jun 2022 15:51

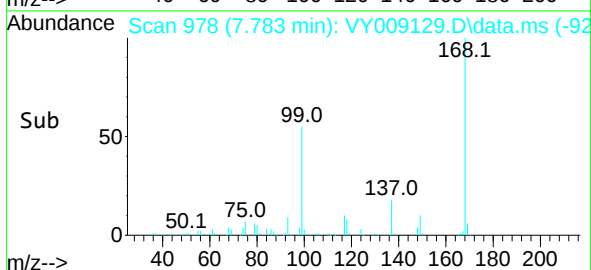
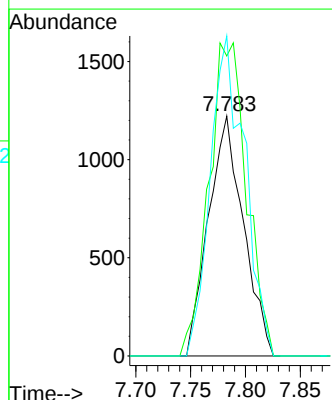
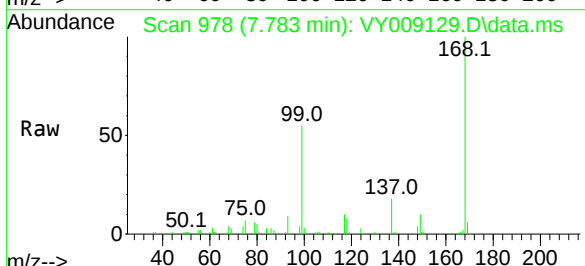
Tgt Ion: 56 Resp: 2712

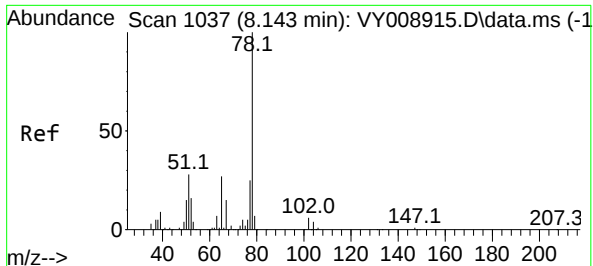
Ion Ratio Lower Upper

56 100

69 125.0 26.7 40.1#

84 133.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 65.147 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY009129.D

Acq: 02 Jun 2022 15:51

Instrument :

MSVOA_Y

ClientSampleId :

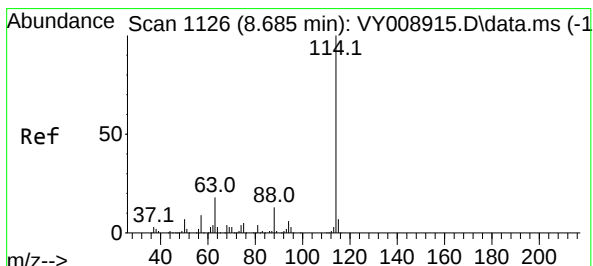
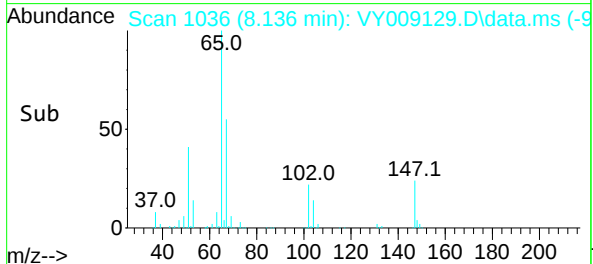
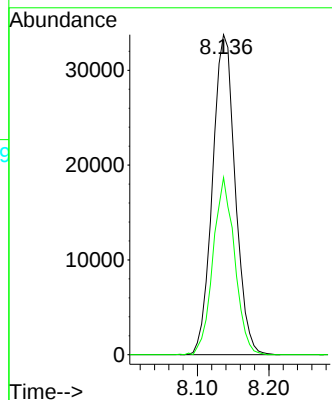
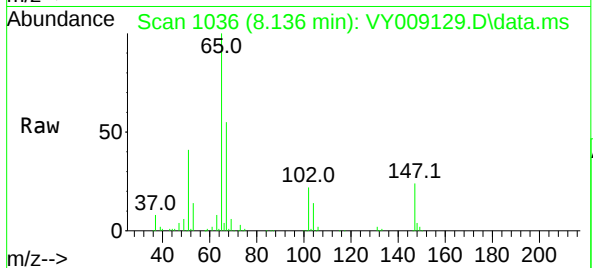
COMP-3

Tgt Ion: 65 Resp: 74435

Ion Ratio Lower Upper

65 100

67 52.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009129.D

Acq: 02 Jun 2022 15:51

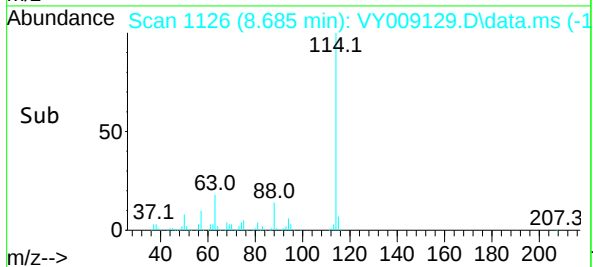
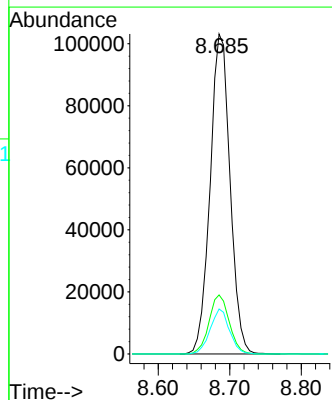
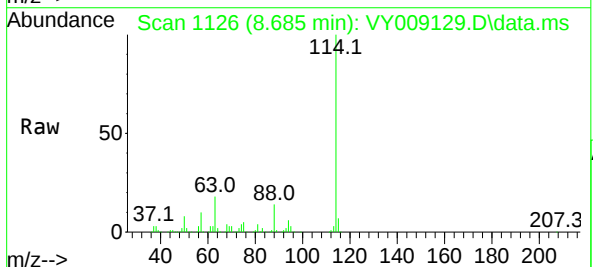
Tgt Ion:114 Resp: 199609

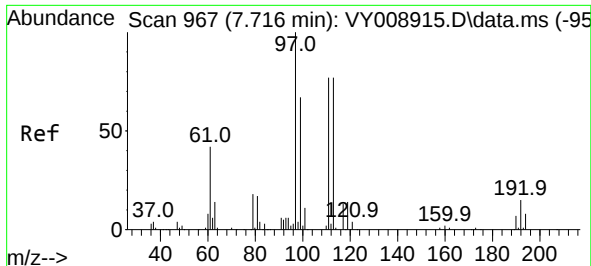
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 14.1 0.0 31.8

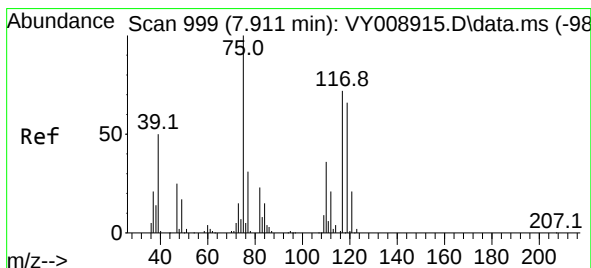
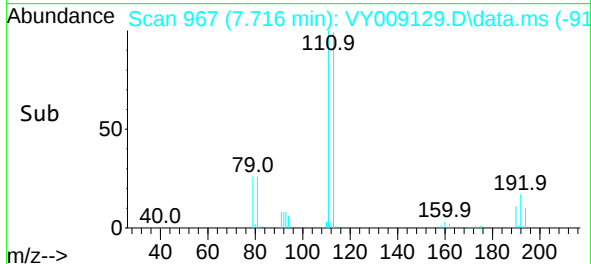
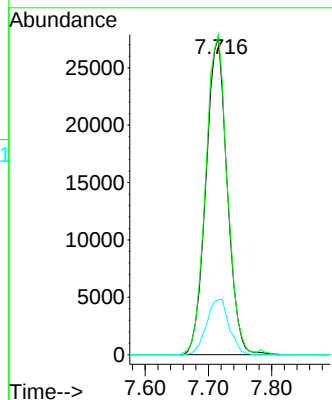
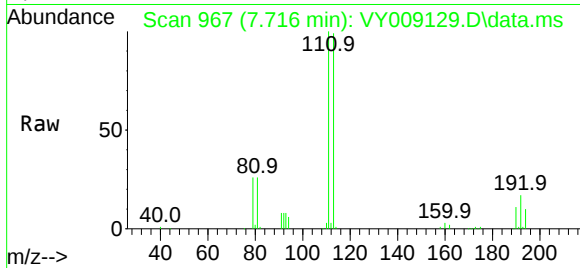




#35
Dibromofluoromethane
Concen: 52.022 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY009129.D
Acq: 02 Jun 2022 15:51

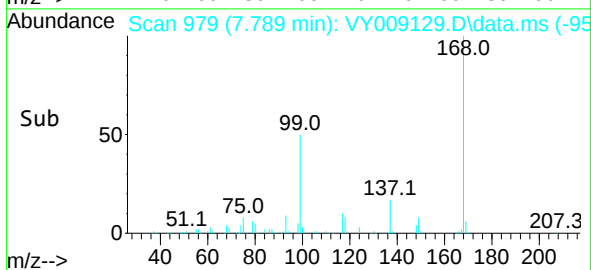
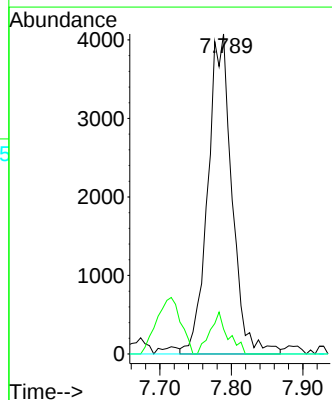
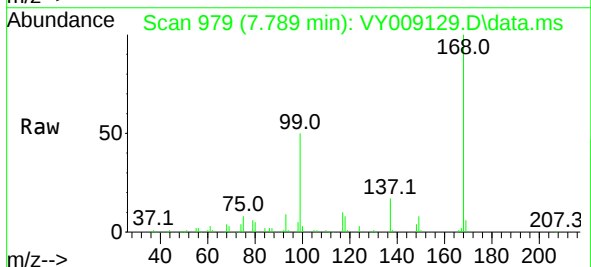
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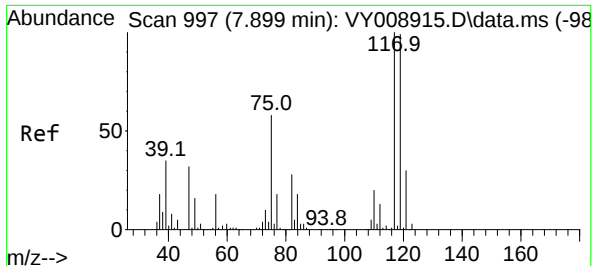
Tgt Ion:113 Resp: 64573
Ion Ratio Lower Upper
113 100
111 102.6 82.6 124.0
192 18.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.532 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.122 min
Lab File: VY009129.D
Acq: 02 Jun 2022 15:51

Tgt Ion: 75 Resp: 9573
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#

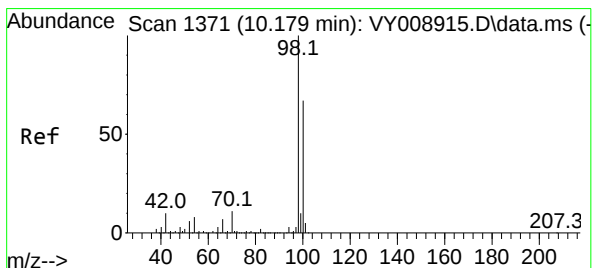
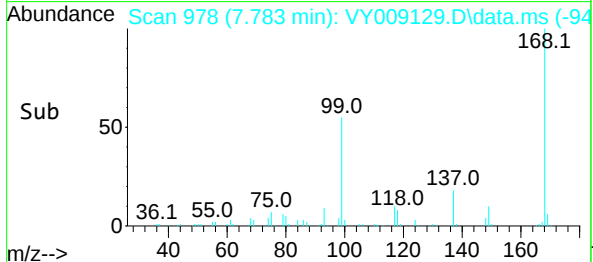
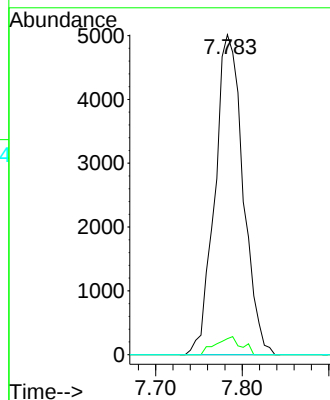
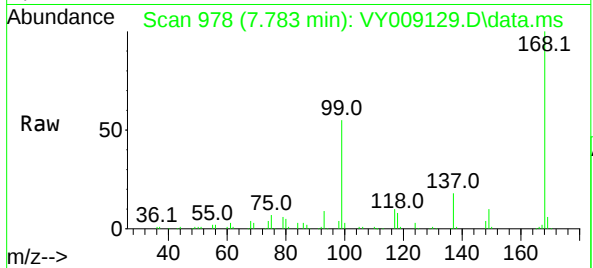




#38
Carbon Tetrachloride
Concen: 5.142 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY009129.D
Acq: 02 Jun 2022 15:51

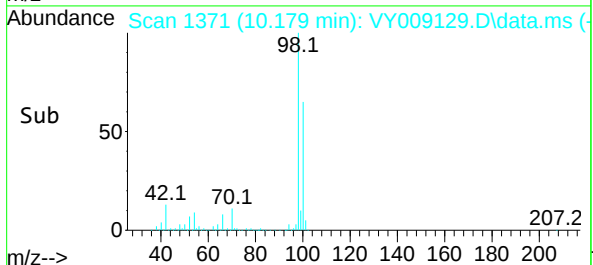
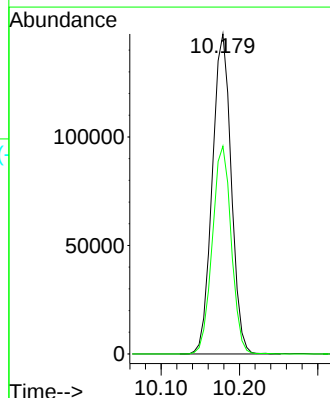
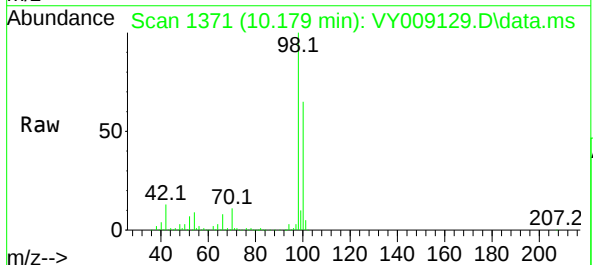
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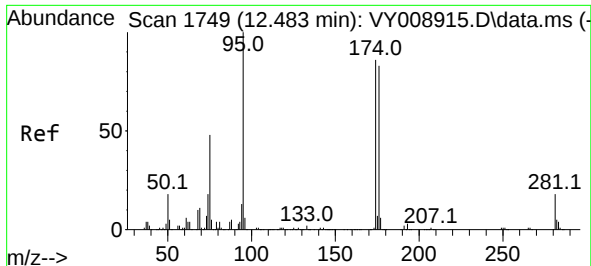
Tgt Ion:117 Resp: 11363
Ion Ratio Lower Upper
117 100
119 5.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.101 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009129.D
Acq: 02 Jun 2022 15:51

Tgt Ion: 98 Resp: 247736
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2

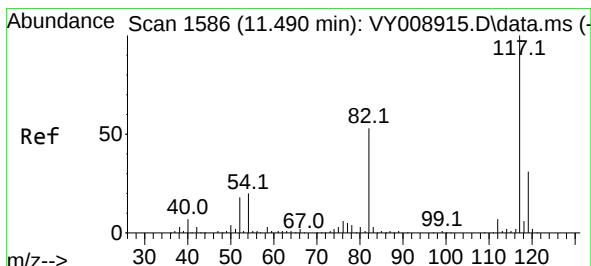
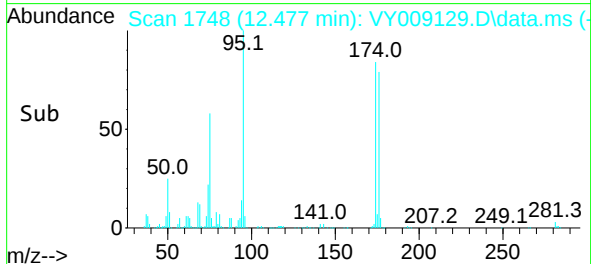
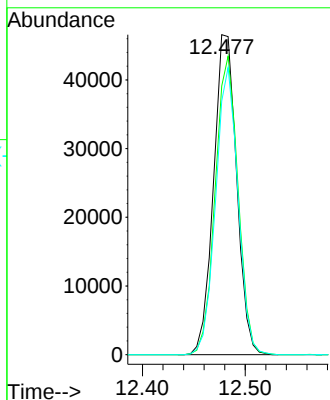
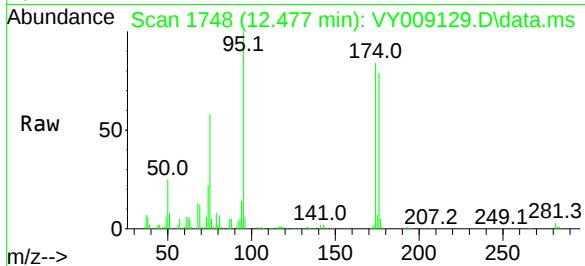




#62
4-Bromofluorobenzene
Concen: 39.270 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009129.D
Acq: 02 Jun 2022 15:51

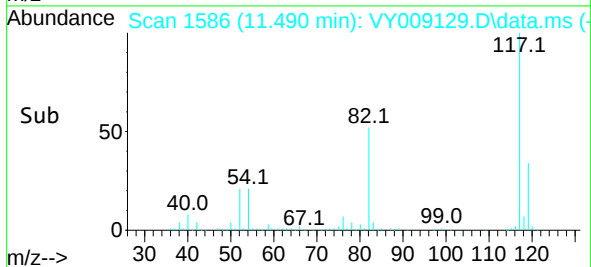
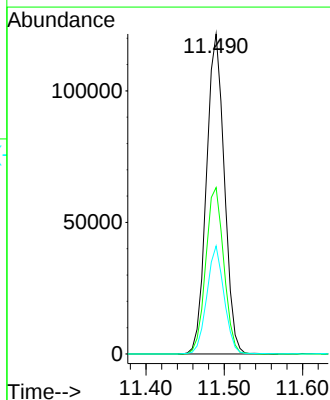
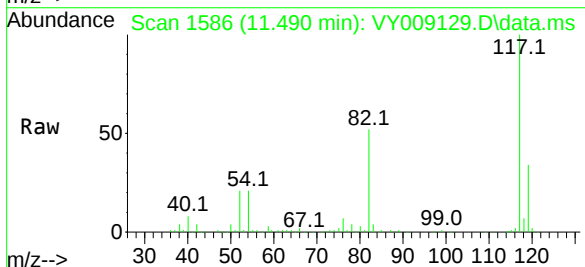
Instrument :
MSVOA_Y
ClientSampleId :
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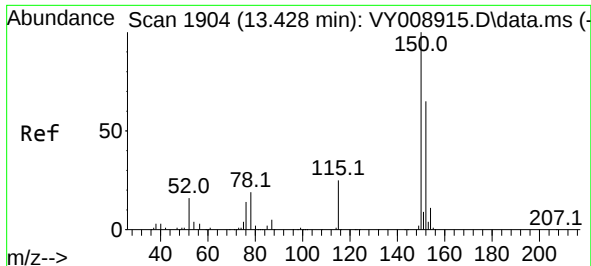
Tgt Ion: 95 Resp: 72539
Ion Ratio Lower Upper
95 100
174 91.9 0.0 177.0
176 86.9 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009129.D
Acq: 02 Jun 2022 15:51

Tgt Ion: 117 Resp: 192283
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 33.8 25.4 38.0

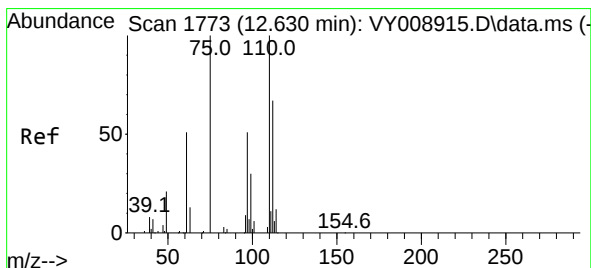
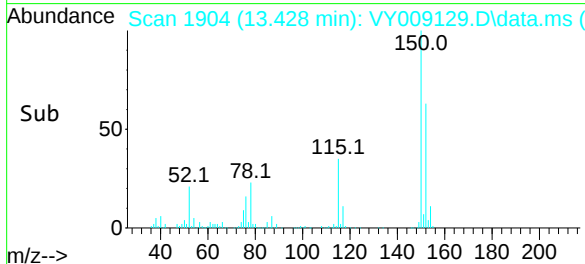
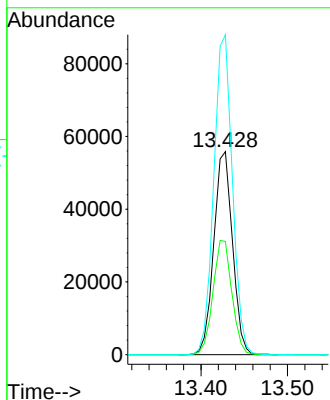
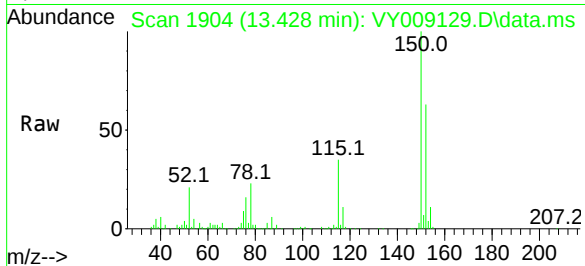




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009129.D
 Acq: 02 Jun 2022 15:51

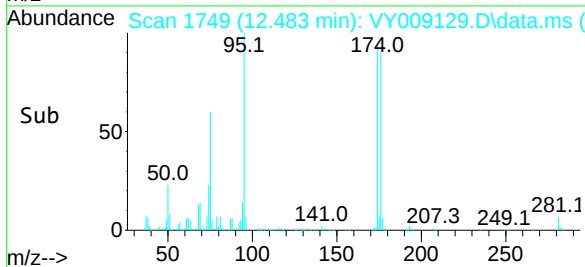
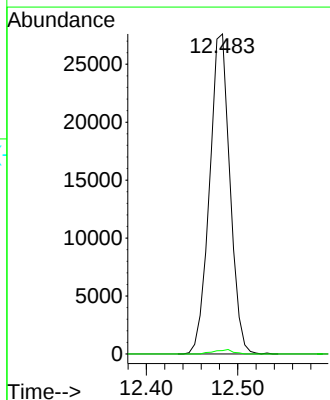
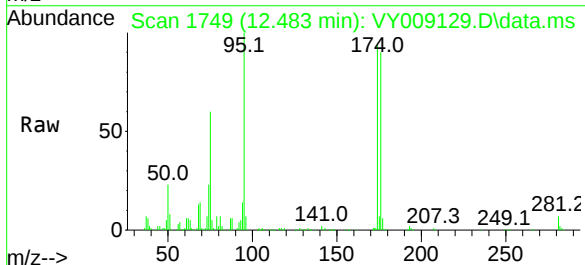
Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

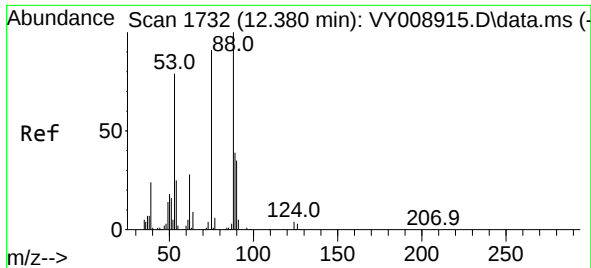
Tgt Ion:152 Resp: 84022
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.7
 150 156.4 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 47.350 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.147 min
 Lab File: VY009129.D
 Acq: 02 Jun 2022 15:51

Tgt Ion: 75 Resp: 42724
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 97.187 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.103 min
 Lab File: VY009129.D
 Acq: 02 Jun 2022 15:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-3

Tgt Ion: 75 Resp: 42724
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

