

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110122\
 Data File : VY011230.D
 Acq On : 01 Nov 2022 18:21
 Operator : KP/MD
 Sample : N5392-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-1-103122

Quant Time: Nov 02 01:43:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 01 11:56:18 2022
 Response via : Initial Calibration

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

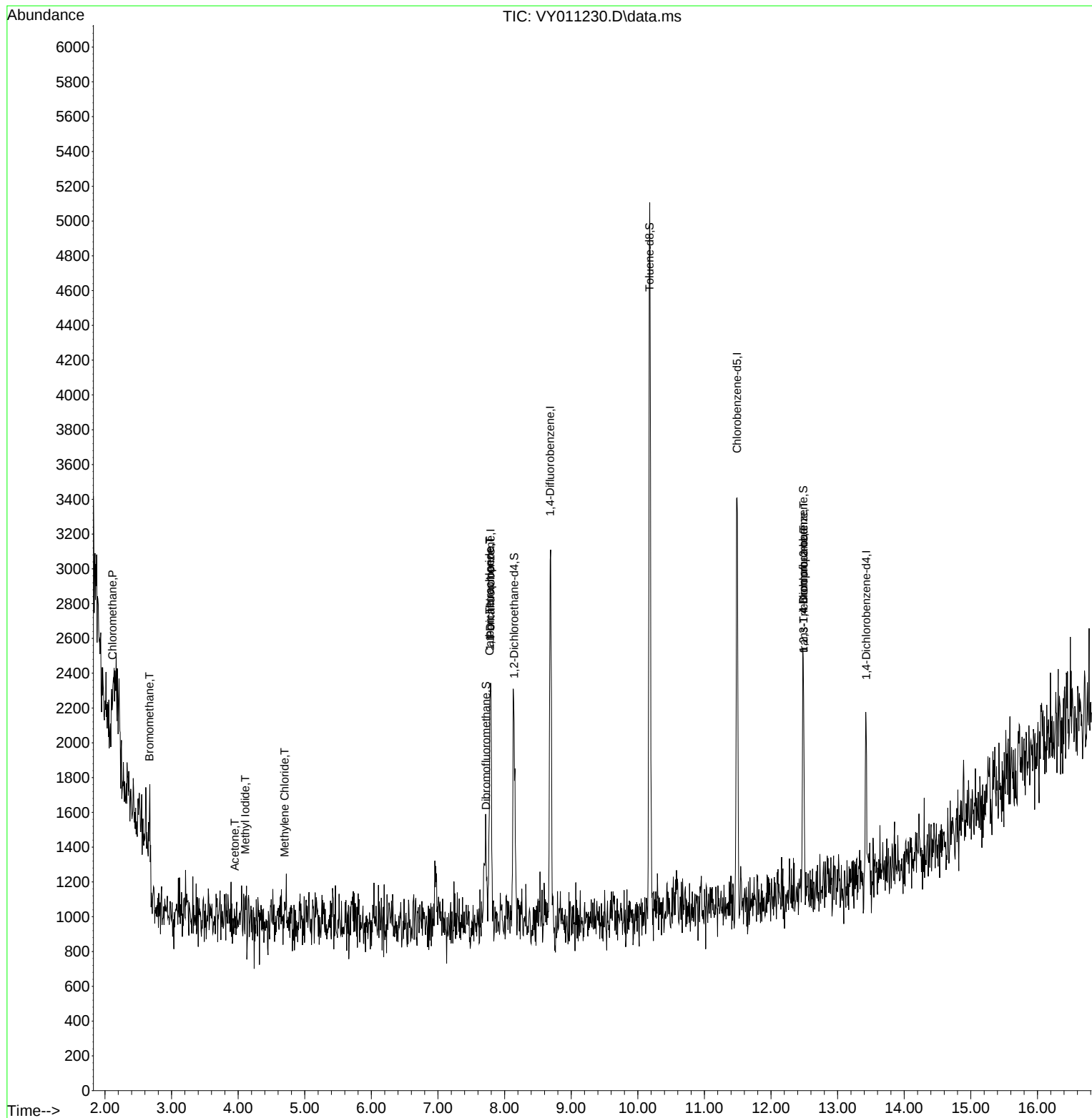
Internal Standards						
1) Pentafluorobenzene	7.789	168	1461	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	2469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	1722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	1162	74.366	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 148.740%		
35) Dibromofluoromethane	7.722	113	533	33.600	ug/l	0.01
Spiked Amount	50.000	Range 54 - 147	Recovery	= 67.200%		
50) Toluene-d8	10.179	98	3250	52.768	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 105.540%		
62) 4-Bromofluorobenzene	12.483	95	481	22.496	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 45.000%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	49	3.025	ug/l	# 44
5) Bromomethane	2.668	94	61	5.053	ug/l	# 4
10) Methyl Iodide	4.107	142	255	12.324	ug/l	# 43
16) Acetone	3.948	43	19	4.028	ug/l	# 47
20) Methylene Chloride	4.698	84	129	1.844	ug/l	# 1
36) 1,1-Dichloropropene	7.783	75	102	3.937	ug/l	# 42
38) Carbon Tetrachloride	7.777	117	136	5.060	ug/l	# 11
76) 1,2,3-Trichloropropane	12.489	75	235	43.281	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.489	75	235	92.626	ug/l	# 7

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

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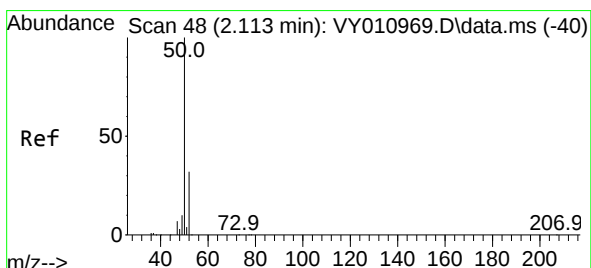
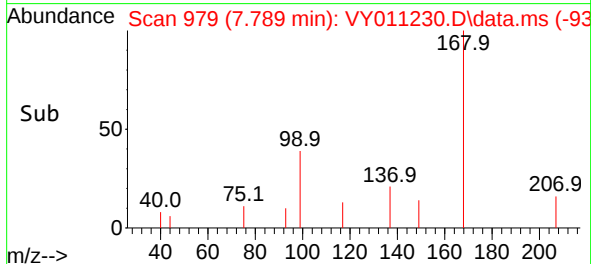
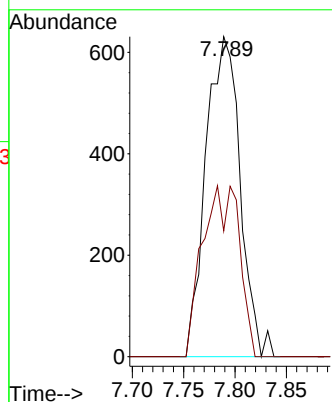
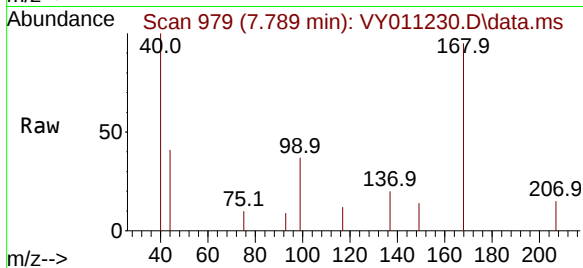




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY011230.D
Acq: 01 Nov 2022 18:21

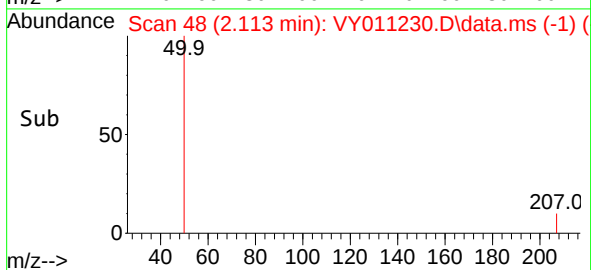
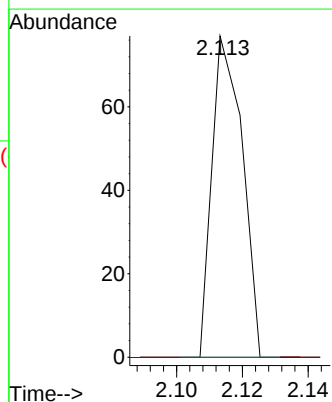
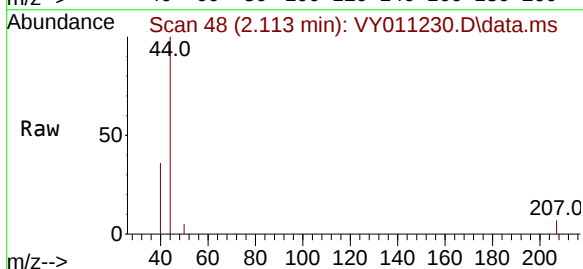
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-103122

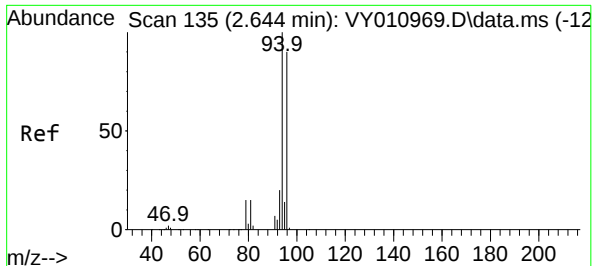
Tgt Ion:168 Resp: 1461
Ion Ratio Lower Upper
168 100
99 39.3 46.9 70.3#



#3
Chloromethane
Concen: 3.025 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY011230.D
Acq: 01 Nov 2022 18:21

Tgt Ion: 50 Resp: 49
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

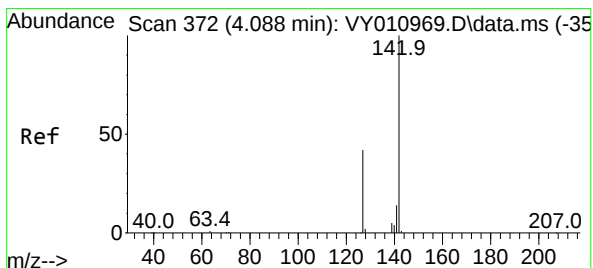
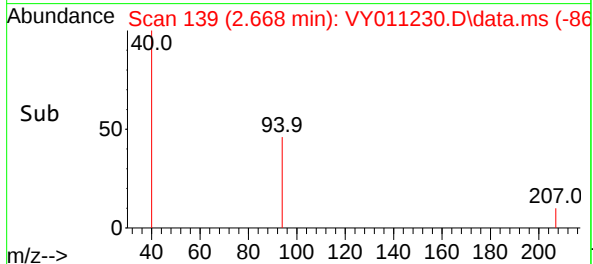
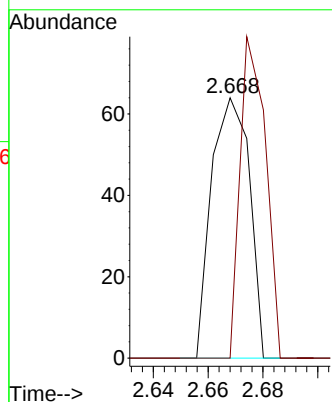
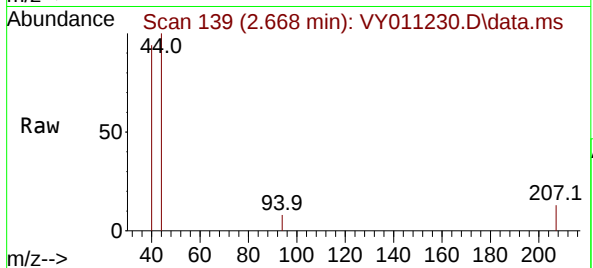




#5
Bromomethane
Concen: 5.053 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY011230.D
Acq: 01 Nov 2022 18:21

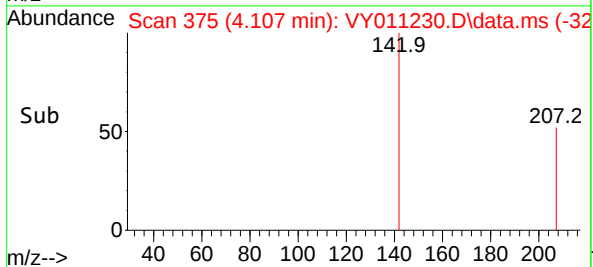
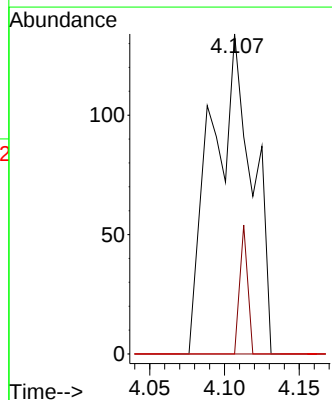
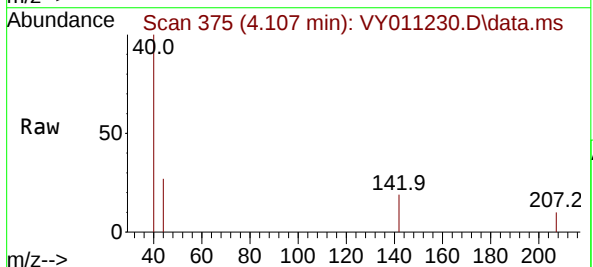
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-103122

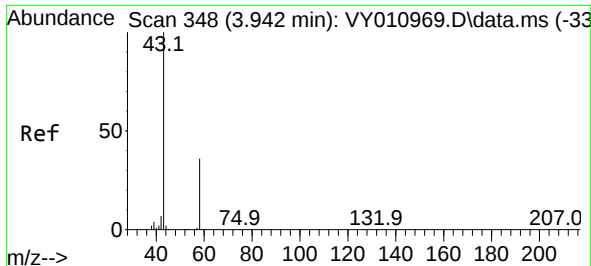
Tgt Ion: 94 Resp: 61
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#10
Methyl Iodide
Concen: 12.324 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.019 min
Lab File: VY011230.D
Acq: 01 Nov 2022 18:21

Tgt Ion:142 Resp: 255
Ion Ratio Lower Upper
142 100
127 7.8 41.5 62.3#
141 0.0 11.9 17.9#

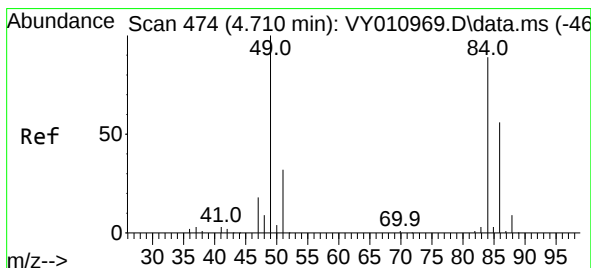
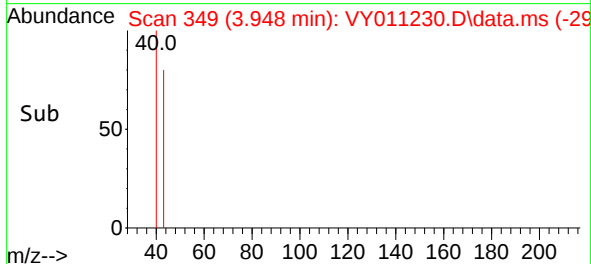
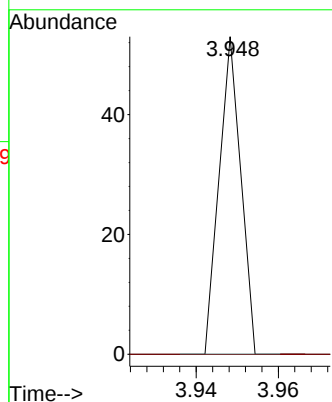
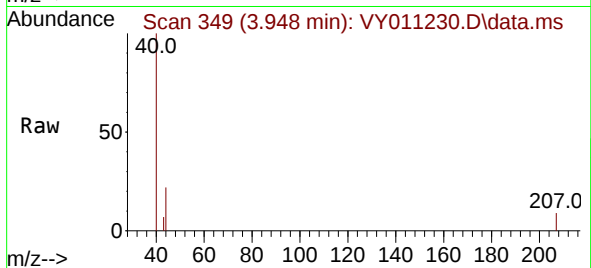




#16
Acetone
Concen: 4.028 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY011230.D
Acq: 01 Nov 2022 18:21

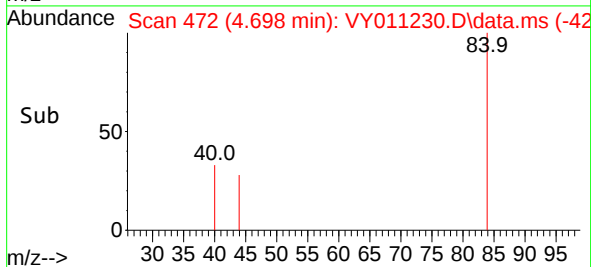
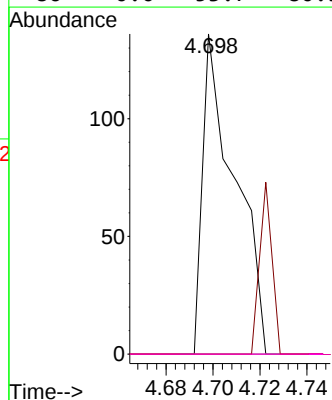
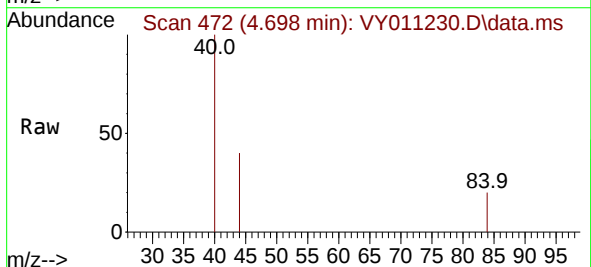
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-103122

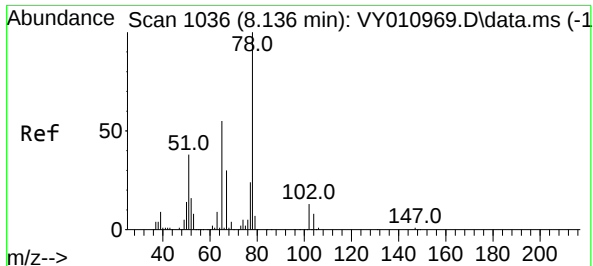
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: 1.844 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY011230.D
Acq: 01 Nov 2022 18:21

Tgt Ion: 84 Resp: 129
Ion Ratio Lower Upper
84 100
49 0.0 114.4 171.6#
51 0.0 35.3 52.9#
86 0.0 53.7 80.5#





#33

1,2-Dichloroethane-d4

Concen: 74.366 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY011230.D

Acq: 01 Nov 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

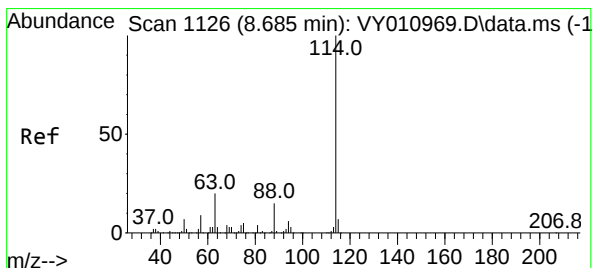
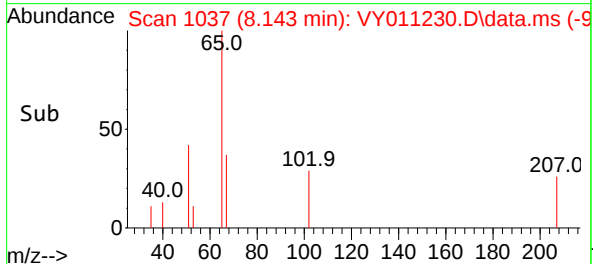
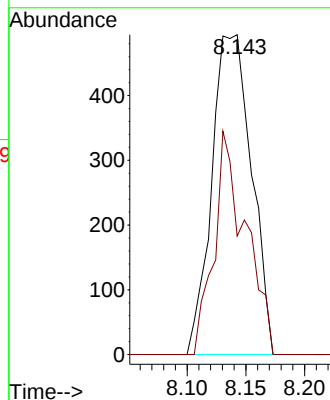
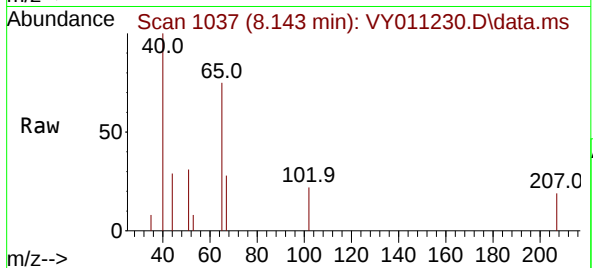
OE-1-103122

Tgt Ion: 65 Resp: 1162

Ion Ratio Lower Upper

65 100

67 55.5 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: VY011230.D

Acq: 01 Nov 2022 18:21

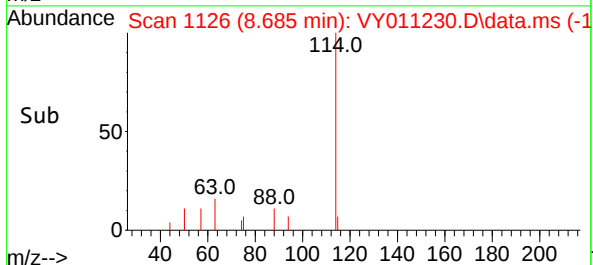
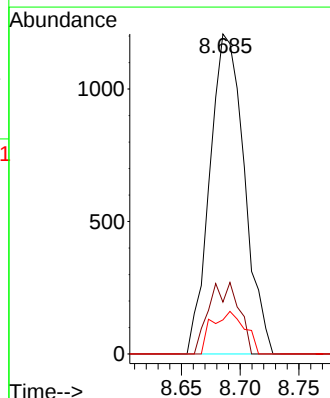
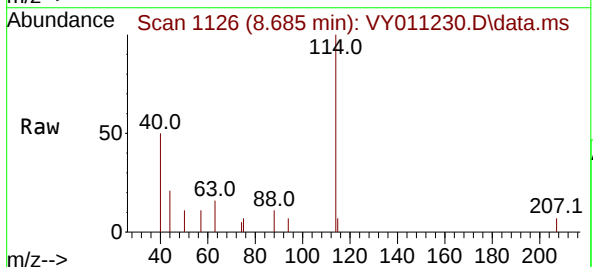
Tgt Ion: 114 Resp: 2469

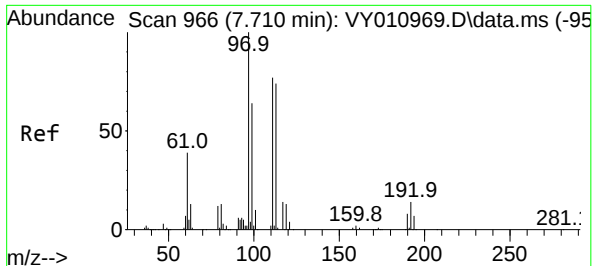
Ion Ratio Lower Upper

114 100

63 16.2 0.0 43.2

88 10.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 33.600 ug/l

RT: 7.722 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY011230.D

Acq: 01 Nov 2022 18:21

Instrument :

MSVOA_Y

ClientSampleId :

OE-1-103122

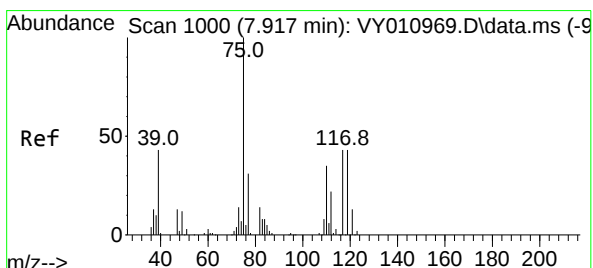
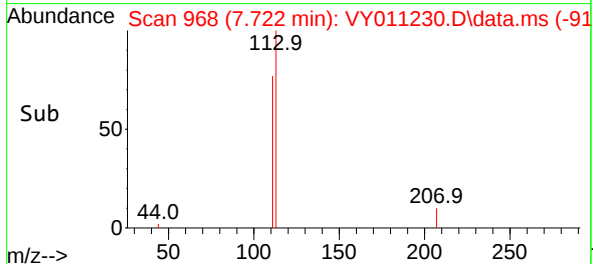
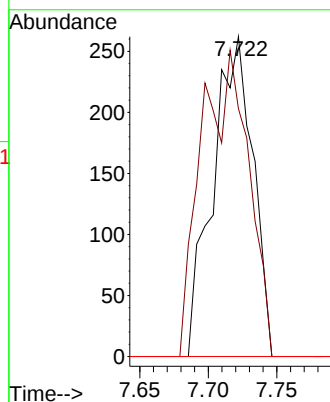
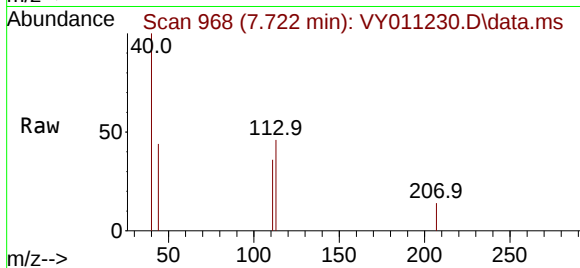
Tgt Ion:113 Resp: 533

Ion Ratio Lower Upper

113 100

111 0.0 82.6 124.0#

192 0.0 17.6 26.4#



#36

1,1-Dichloropropene

Concen: 3.937 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.134 min

Lab File: VY011230.D

Acq: 01 Nov 2022 18:21

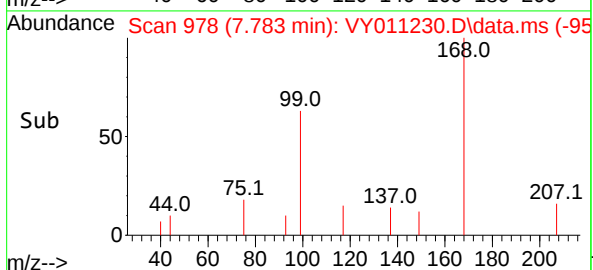
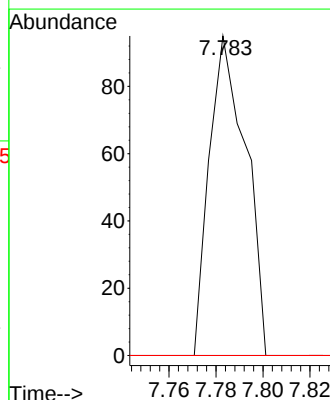
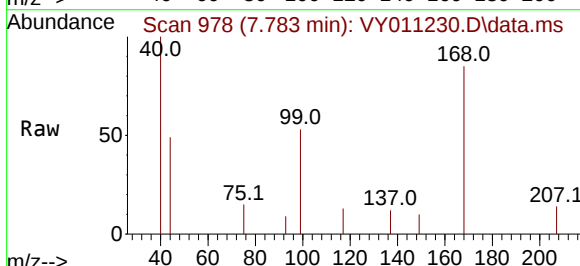
Tgt Ion: 75 Resp: 102

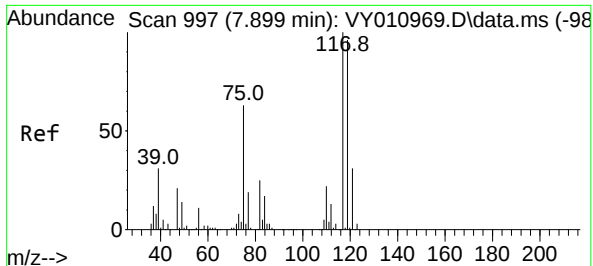
Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#

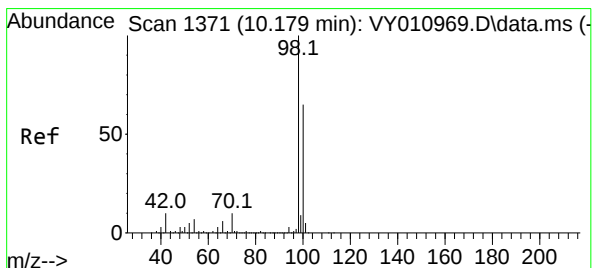
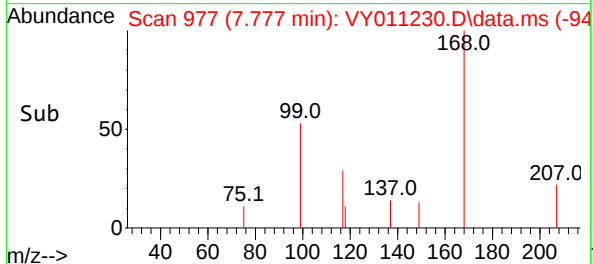
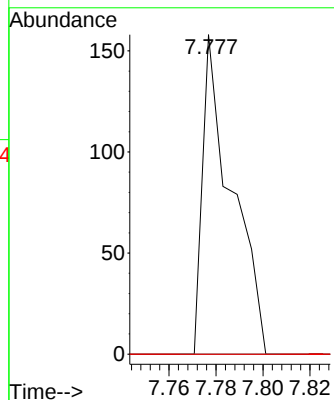
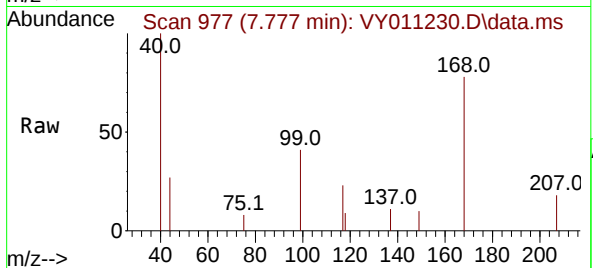




#38
Carbon Tetrachloride
Concen: 5.060 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.122 min
Lab File: VY011230.D
Acq: 01 Nov 2022 18:21

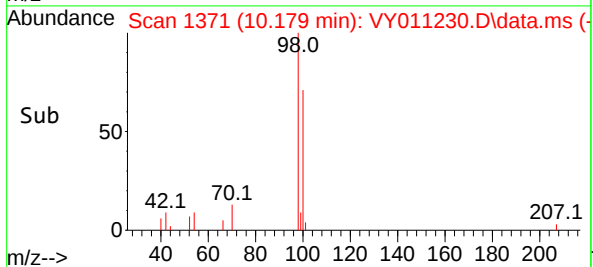
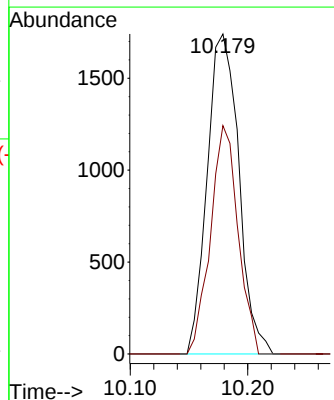
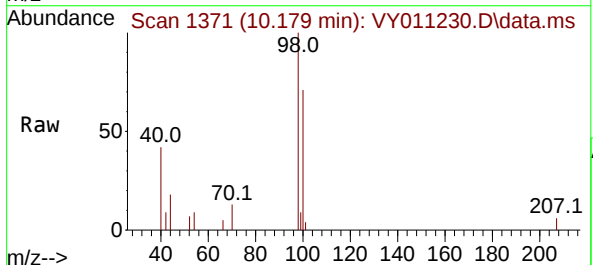
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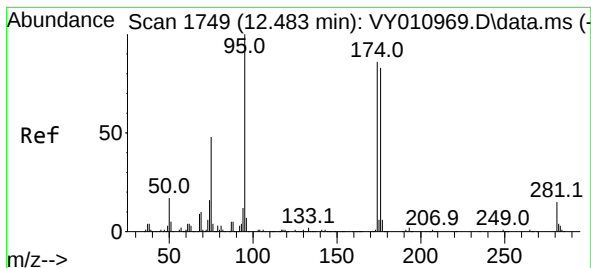
Tgt Ion:117 Resp: 136
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.768 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY011230.D
Acq: 01 Nov 2022 18:21

Tgt Ion: 98 Resp: 3250
Ion Ratio Lower Upper
98 100
100 62.5 50.2 75.2

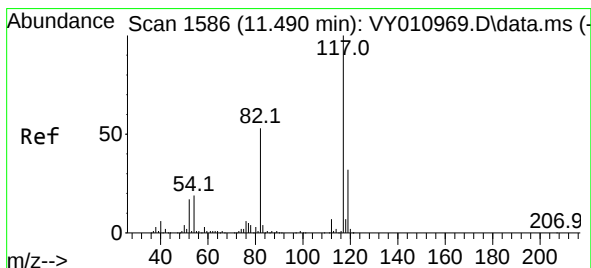
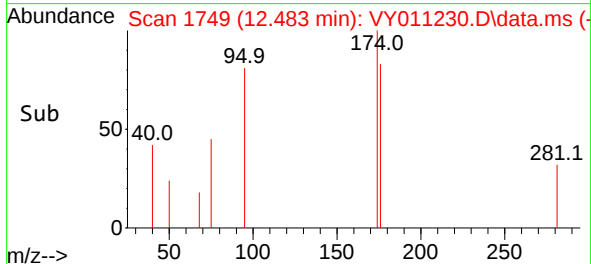
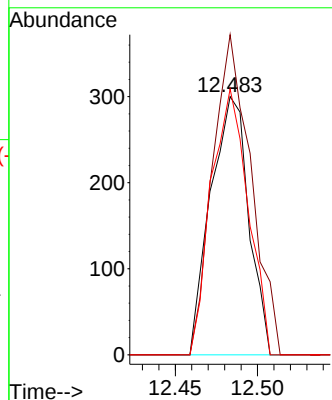
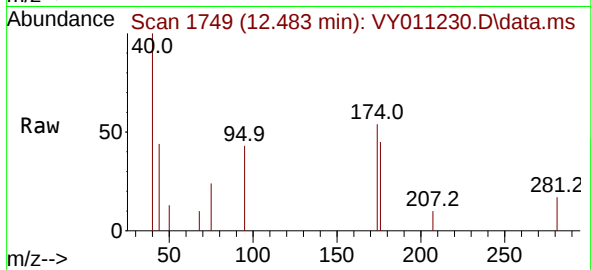




#62
4-Bromofluorobenzene
Concen: 22.496 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY011230.D
Acq: 01 Nov 2022 18:21

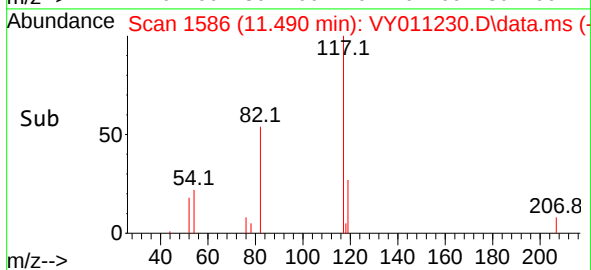
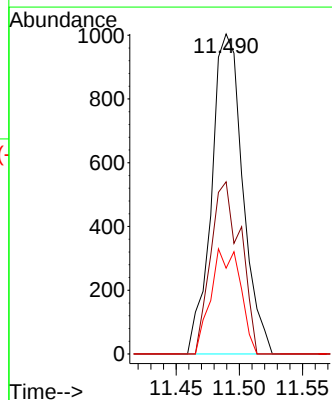
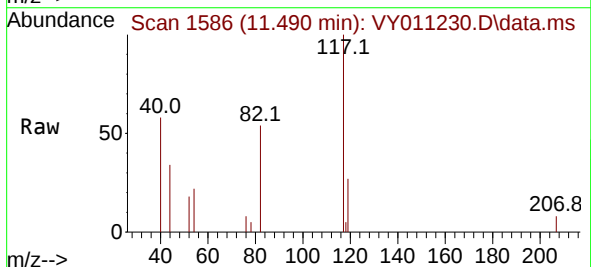
Instrument :
MSVOA_Y
ClientSampleId :
OE-1-103122

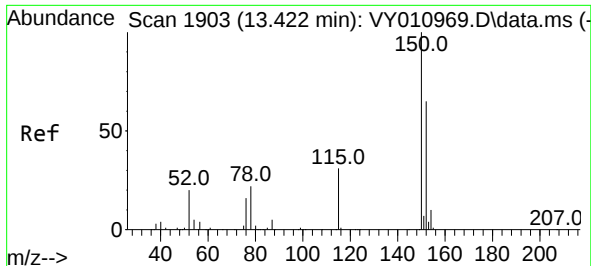
Tgt Ion: 95 Resp: 481
Ion Ratio Lower Upper
95 100
174 124.9 0.0 177.0
176 100.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY011230.D
Acq: 01 Nov 2022 18:21

Tgt Ion: 117 Resp: 1722
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 26.8 25.4 38.0

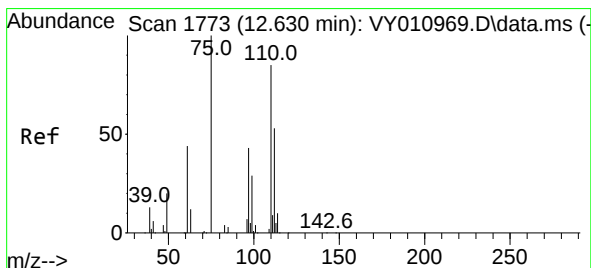
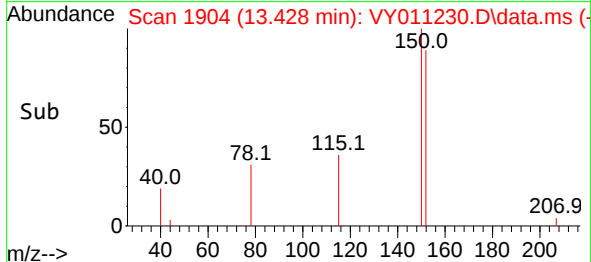
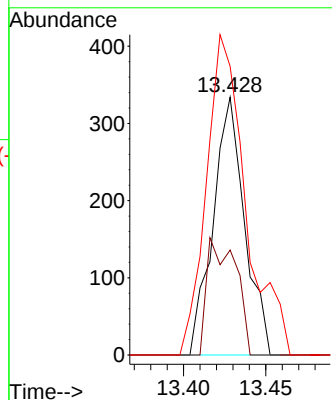
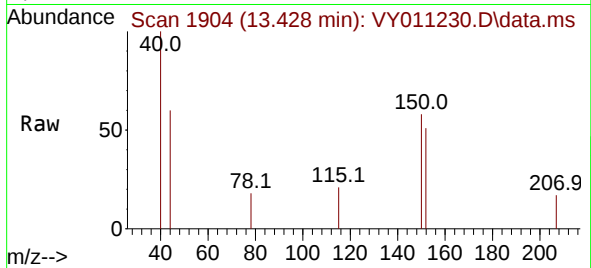




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY011230.D
 Acq: 01 Nov 2022 18:21

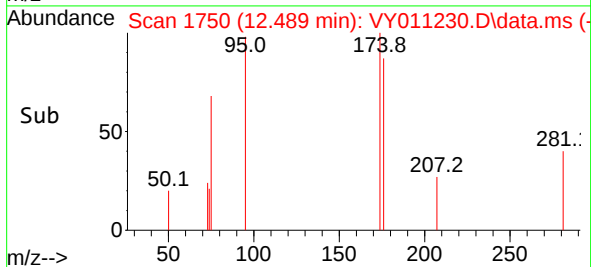
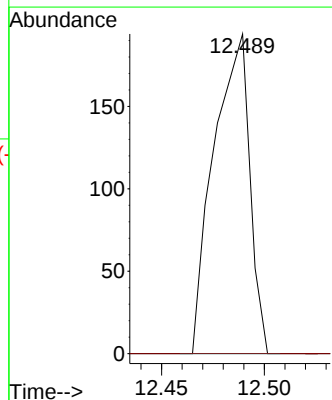
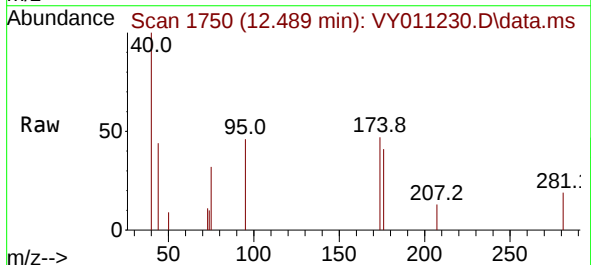
Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-1-103122

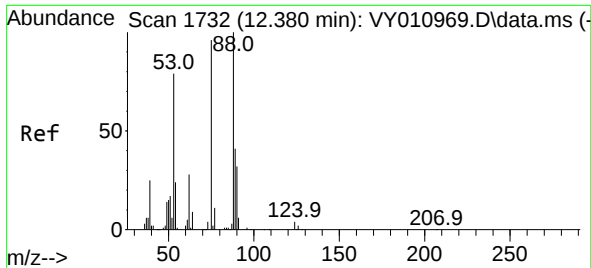
Tgt Ion:152 Resp: 446
 Ion Ratio Lower Upper
 152 100
 115 41.7 28.2 84.7
 150 154.7 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 43.281 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.141 min
 Lab File: VY011230.D
 Acq: 01 Nov 2022 18:21

Tgt Ion: 75 Resp: 235
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 92.626 ug/l
 RT: 12.489 min Scan# 11
 Delta R.T. 0.109 min
 Lab File: VY011230.D
 Acq: 01 Nov 2022 18:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 OE-1-103122

Tgt Ion: 75 Resp: 235
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

