

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050123\
 Data File : VY013536.D
 Acq On : 01 May 2023 13:52
 Operator : KP/MD
 Sample : 02557-03
 Misc : 5.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-042823-B

Quant Time: May 01 22:48:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	38212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	58842	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	56262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	22834	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	28570	68.204	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.400%
35) Dibromofluoromethane	7.716	113	22272	60.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.360%
50) Toluene-d8	10.179	98	70950	53.890	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.780%
62) 4-Bromofluorobenzene	12.483	95	20751	46.753	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	93.500%

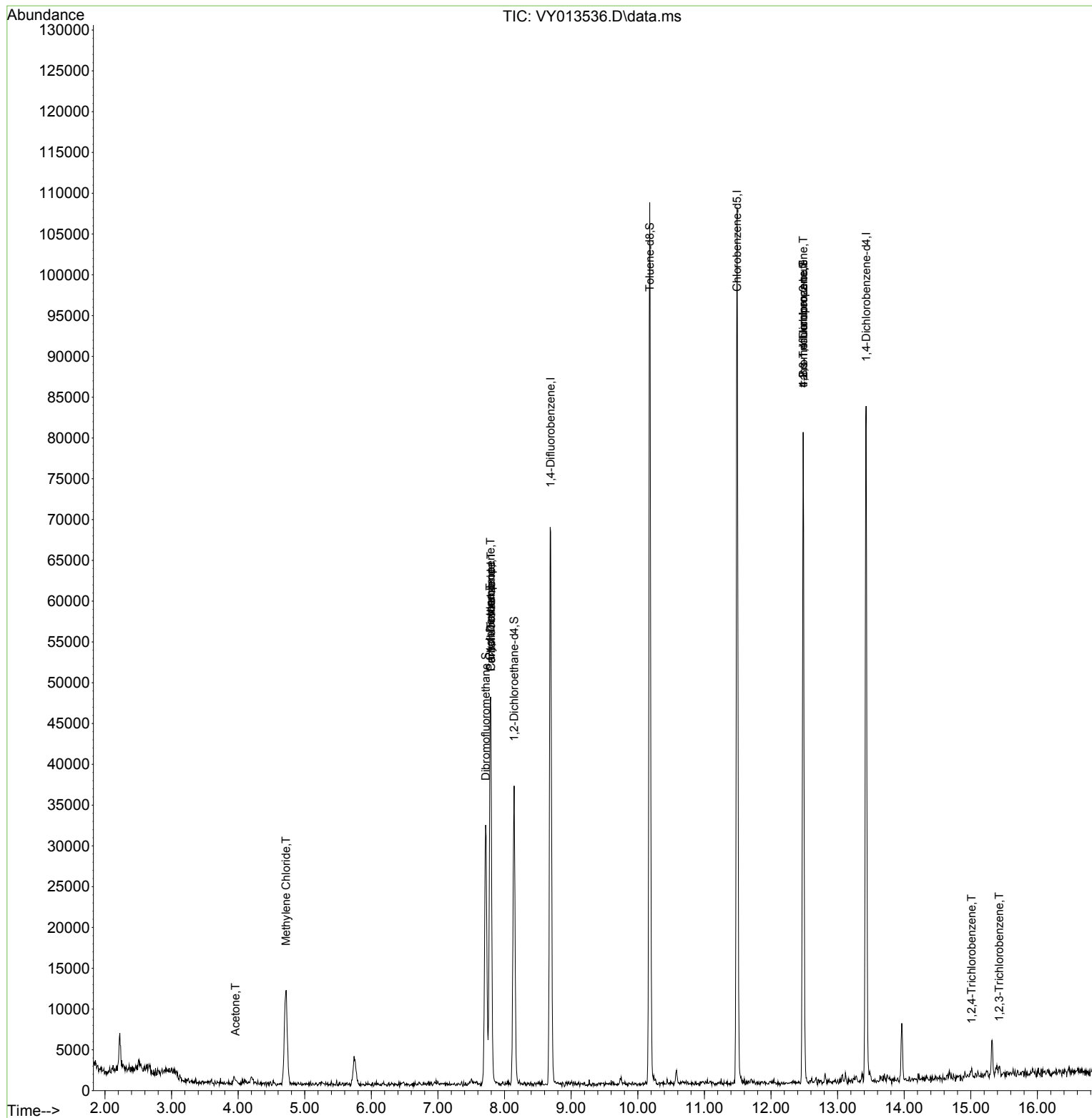
Target Compounds					Qvalue	
16) Acetone	3.960	43	1561	9.463	ug/l #	73
20) Methylene Chloride	4.716	84	8299	9.508	ug/l	91
31) Cyclohexane	7.783	56	973	1.297	ug/l #	38
36) 1,1-Dichloropropene	7.789	75	3130	5.096	ug/l #	46
38) Carbon Tetrachloride	7.795	117	3617	5.618	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	11460	37.215	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	11460	76.124	ug/l #	13
93) 1,2,4-Trichlorobenzene	15.013	180	443	1.032	ug/l	91
96) 1,2,3-Trichlorobenzene	15.428	180	392	1.025	ug/l #	55

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

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

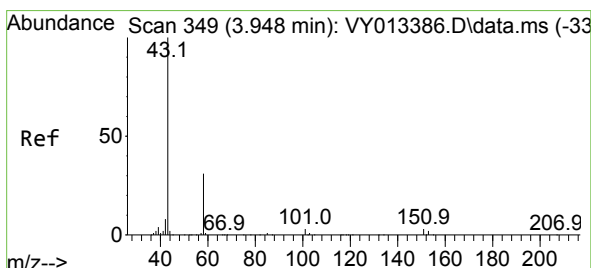
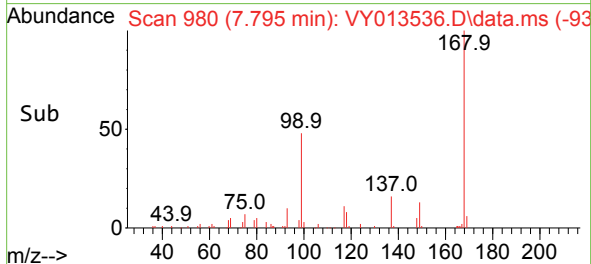
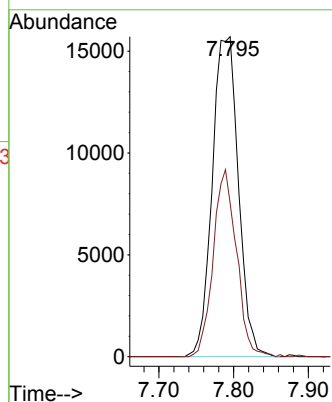
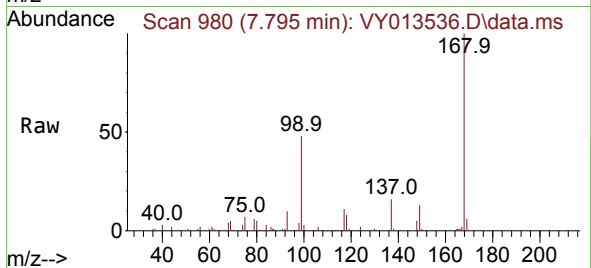




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

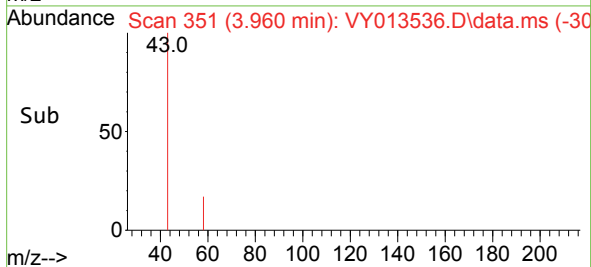
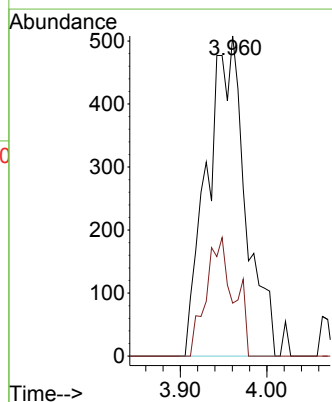
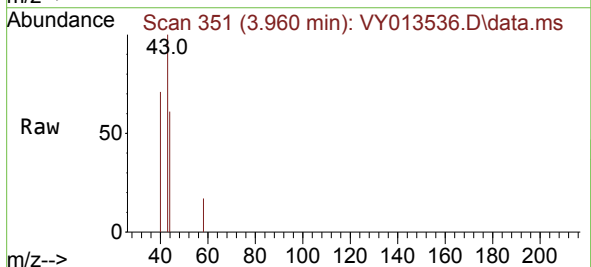
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-B

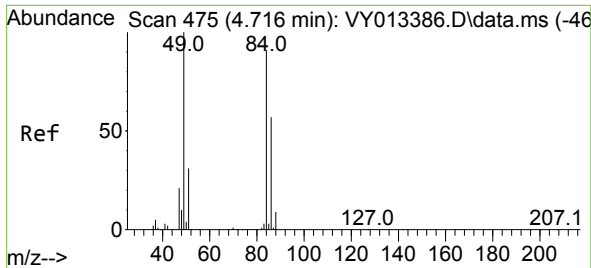
Tgt Ion:168 Resp: 38212
Ion Ratio Lower Upper
168 100
99 48.0 41.8 62.6



#16
Acetone
Concen: 9.463 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

Tgt Ion: 43 Resp: 1561
Ion Ratio Lower Upper
43 100
58 16.5 25.4 38.0#

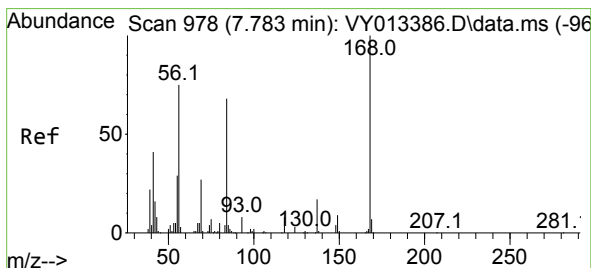
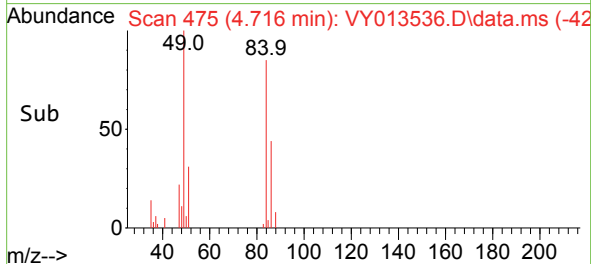
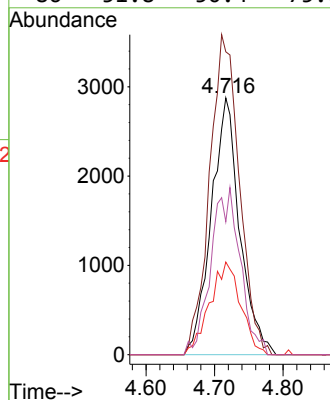
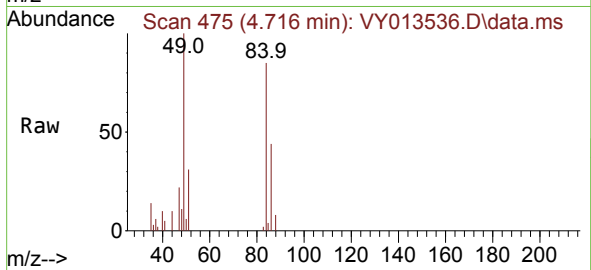




#20
Methylene Chloride
Concen: 9.508 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

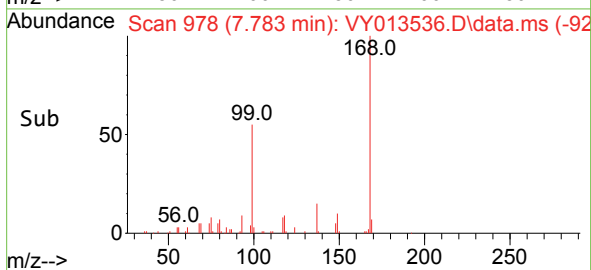
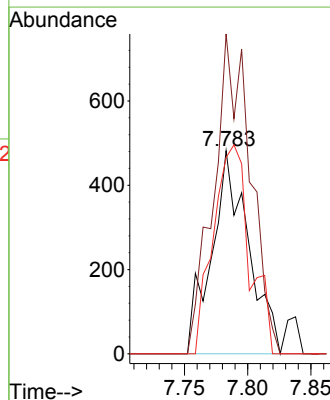
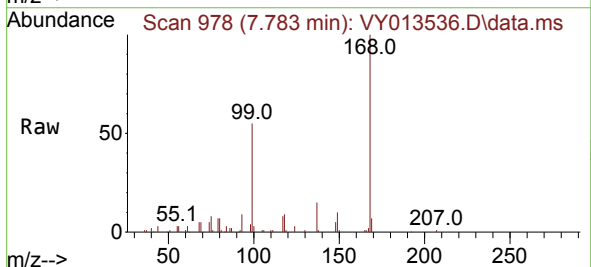
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-B

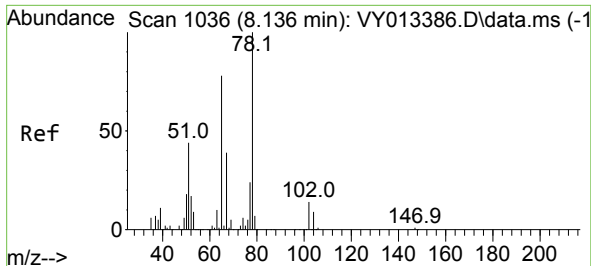
Tgt Ion:	84	Resp:	8299
Ion	Ratio	Lower	Upper
84	100		
49	117.9	88.0	132.0
51	36.0	27.4	41.0
86	51.8	50.4	75.6



#31
Cyclohexane
Concen: 1.297 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.000 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

Tgt Ion:	56	Resp:	973
Ion	Ratio	Lower	Upper
56	100		
69	157.5	29.2	43.8#
84	96.7	73.0	109.6

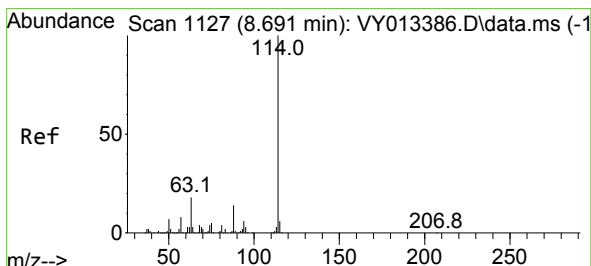
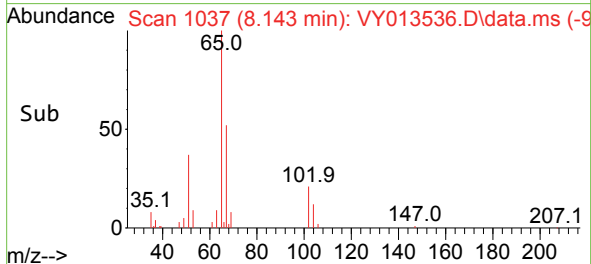
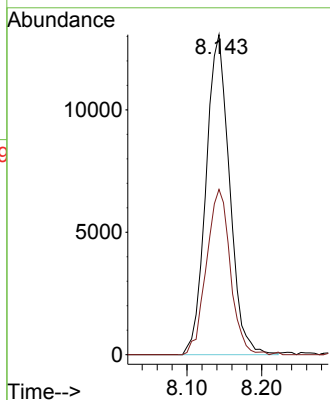
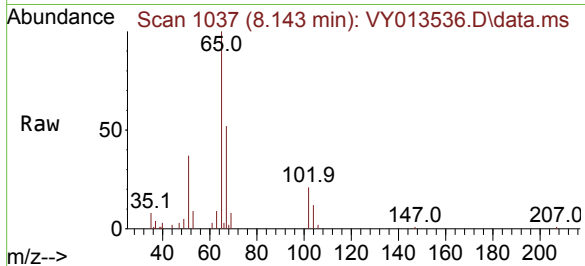




#33
1,2-Dichloroethane-d4
Concen: 68.204 ug/l
RT: 8.143 min Scan# 1036
Delta R.T. 0.007 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

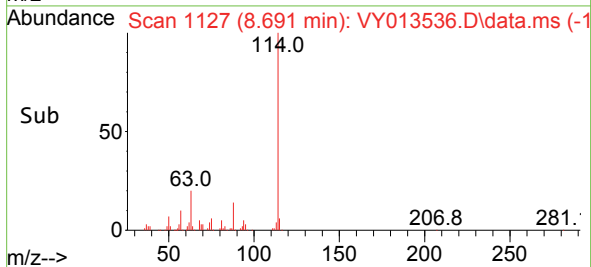
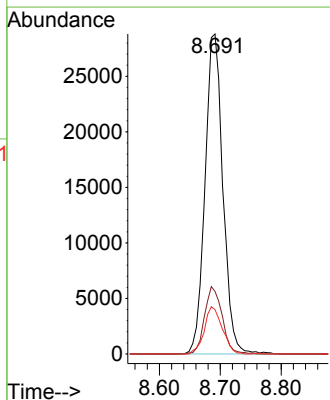
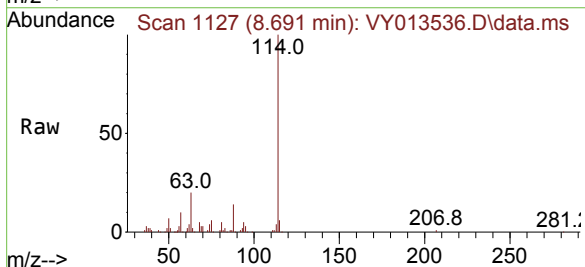
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-B

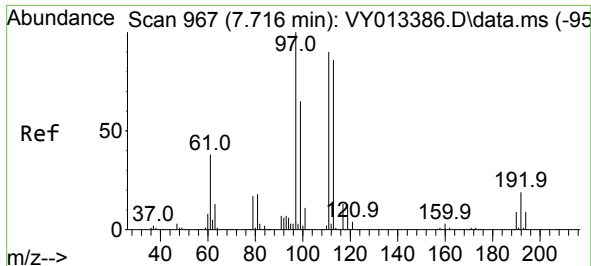
Tgt Ion: 65 Resp: 28570
Ion Ratio Lower Upper
65 100
67 52.3 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

Tgt Ion:114 Resp: 58842
Ion Ratio Lower Upper
114 100
63 19.5 0.0 36.6
88 13.9 0.0 28.8

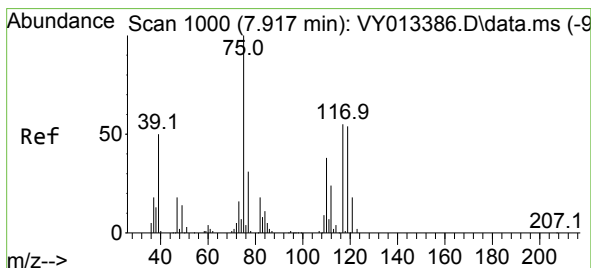
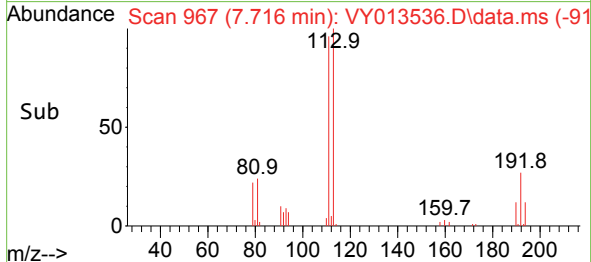
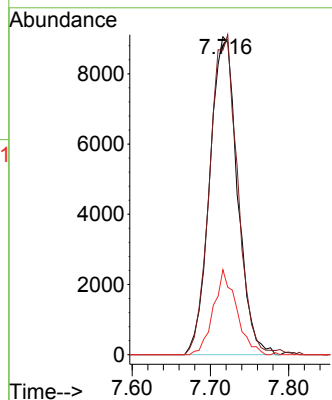
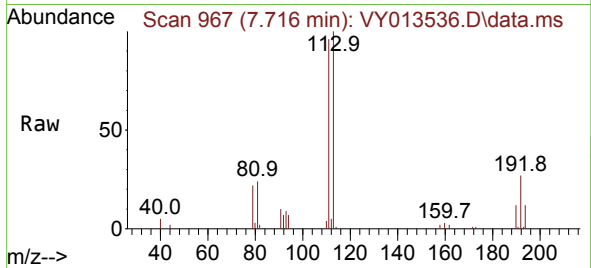




#35
Dibromofluoromethane
Concen: 60.180 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

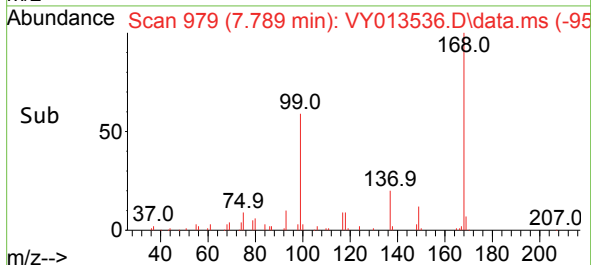
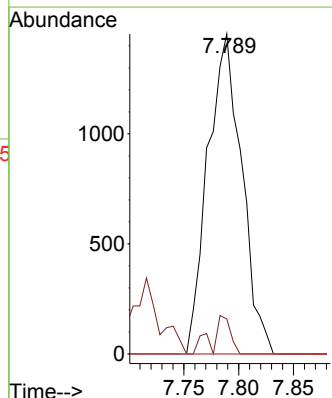
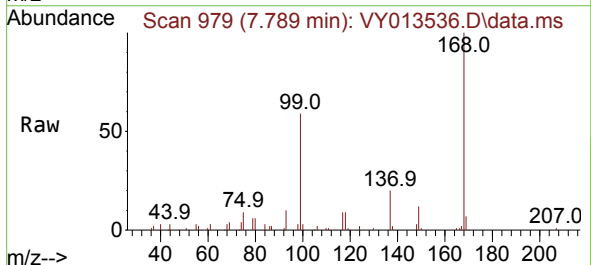
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-B

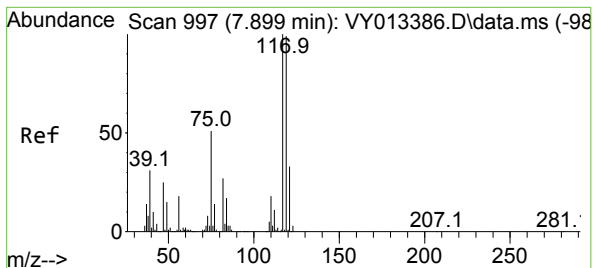
Tgt Ion:113 Resp: 22272
Ion Ratio Lower Upper
113 100
111 101.2 82.2 123.2
192 22.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 5.096 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

Tgt Ion: 75 Resp: 3130
Ion Ratio Lower Upper
75 100
110 6.6 18.7 56.1#
77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.618 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.104 min

Lab File: VY013536.D

Acq: 01 May 2023 13:52

Instrument :

MSVOA_Y

ClientSampleId :

JC-03-042823-B

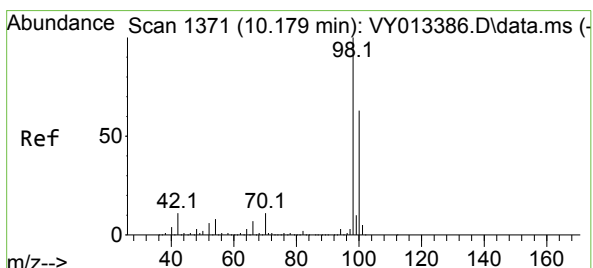
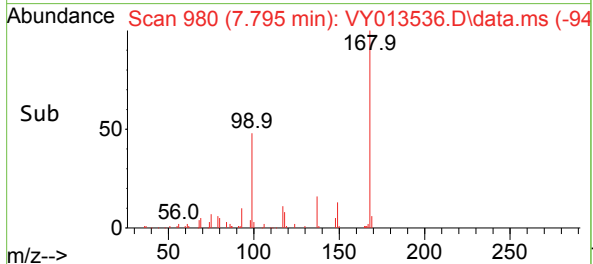
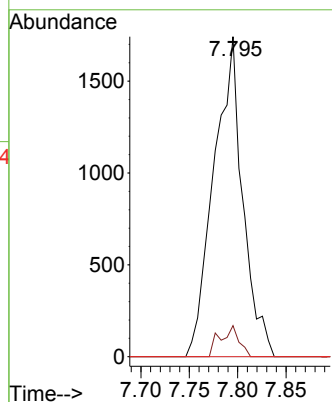
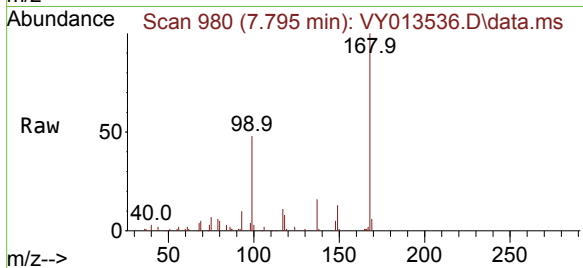
Tgt Ion:117 Resp: 3617

Ion Ratio Lower Upper

117 100

119 9.7 79.0 118.6#

121 0.0 26.6 40.0#



#50

Toluene-d8

Concen: 53.890 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013536.D

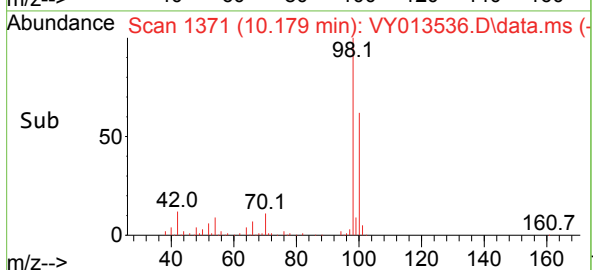
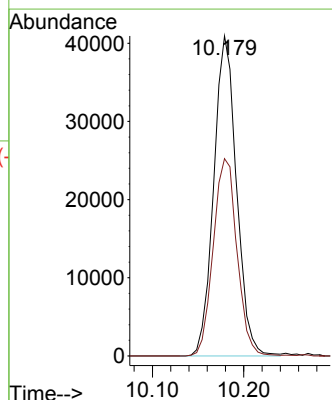
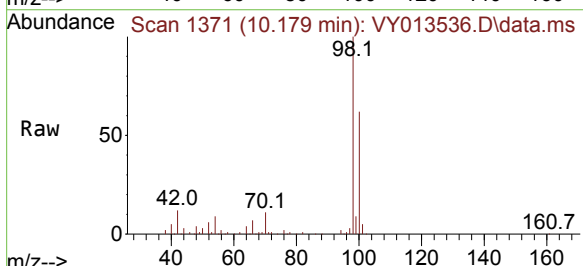
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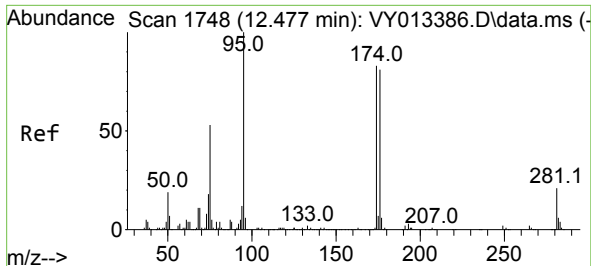
Tgt Ion: 98 Resp: 70950

Ion Ratio Lower Upper

98 100

100 64.3 50.5 75.7

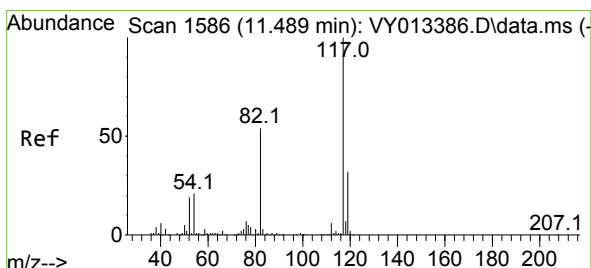
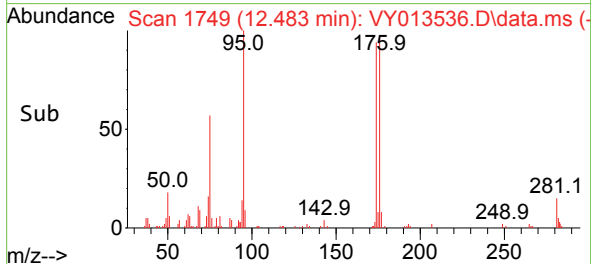
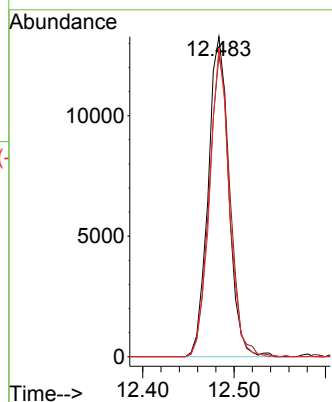
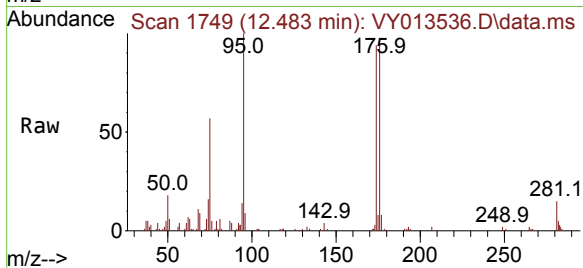




#62
4-Bromofluorobenzene
Concen: 46.753 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

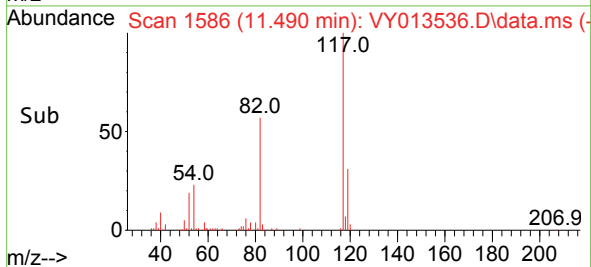
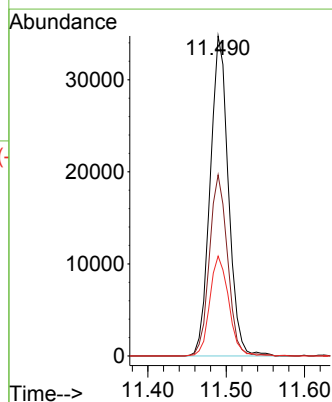
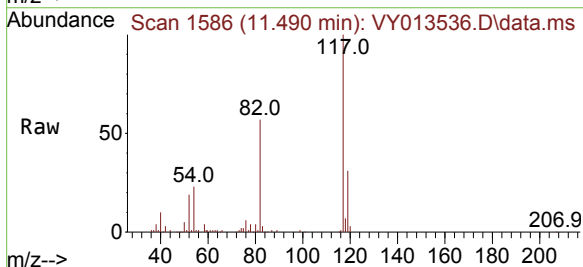
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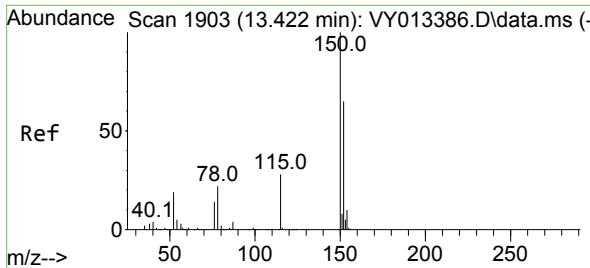
Tgt Ion: 95 Resp: 20751
Ion Ratio Lower Upper
95 100
174 96.2 0.0 182.0
176 92.3 0.0 175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

Tgt Ion: 117 Resp: 56262
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.6
119 31.2 25.5 38.3

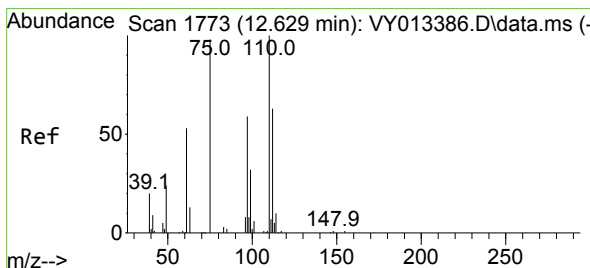
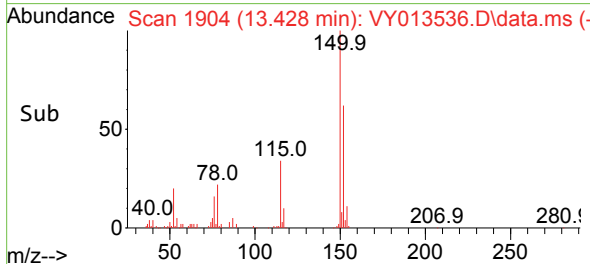
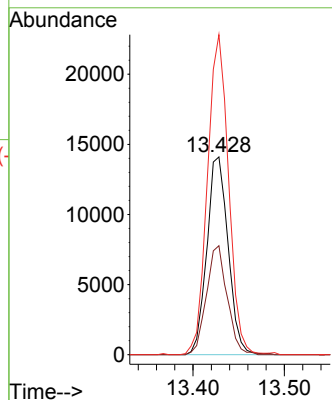
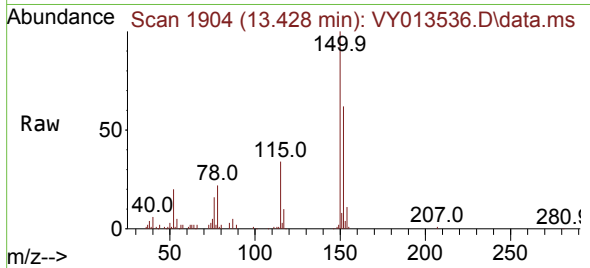




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1903
 Delta R.T. 0.006 min
 Lab File: VY013536.D
 Acq: 01 May 2023 13:52

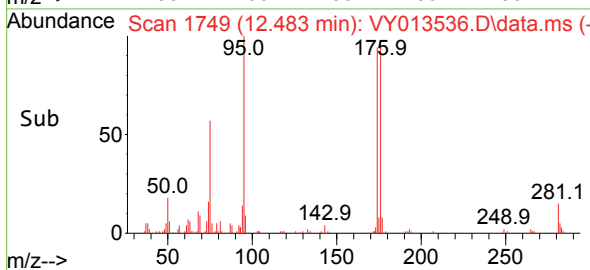
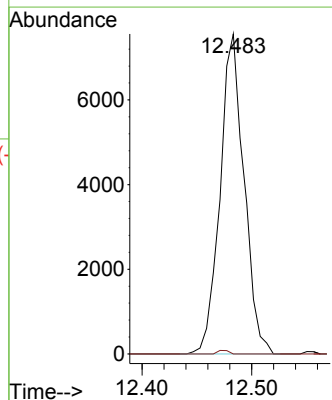
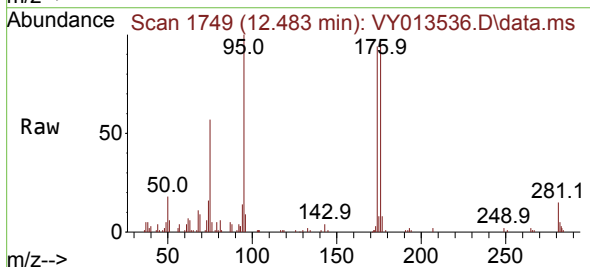
Instrument :
 MSVOA_Y
 ClientSampleId :
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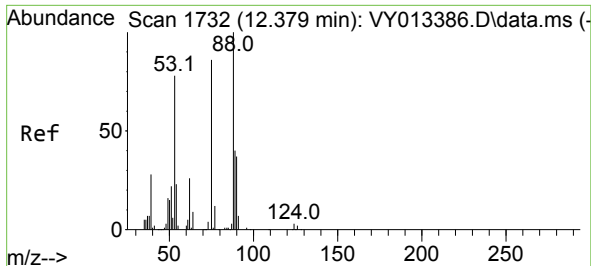
Tgt Ion:152 Resp: 22834
 Ion Ratio Lower Upper
 152 100
 115 53.6 28.1 84.2
 150 160.4 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 37.215 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.146 min
 Lab File: VY013536.D
 Acq: 01 May 2023 13:52

Tgt Ion: 75 Resp: 11460
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#

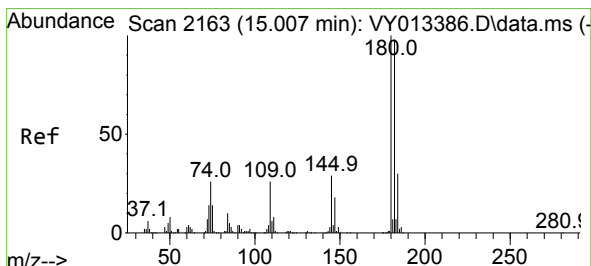
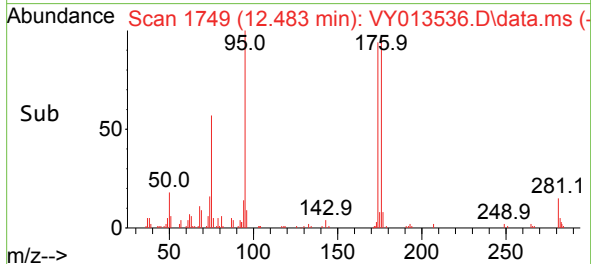
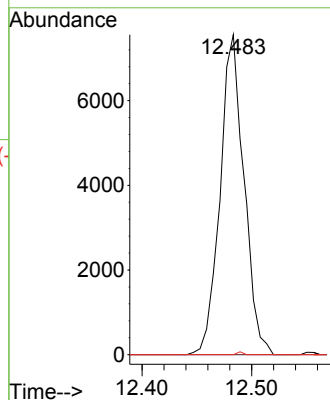
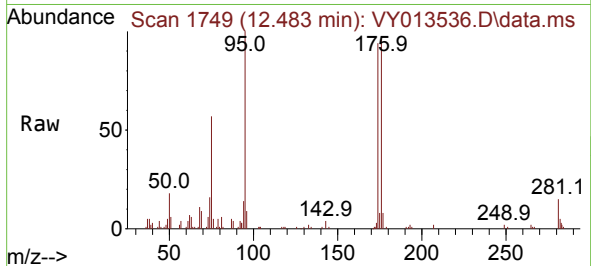




#81
trans-1,4-Dichloro-2-butene
Concen: 76.124 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

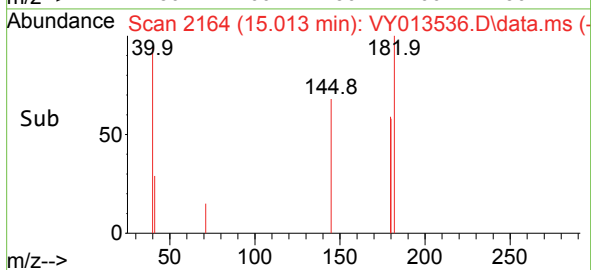
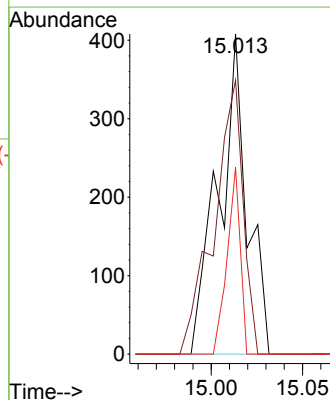
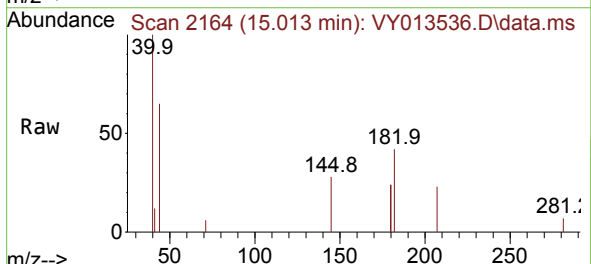
Instrument :
MSVOA_Y
ClientSampleId :
JC-03-042823-B

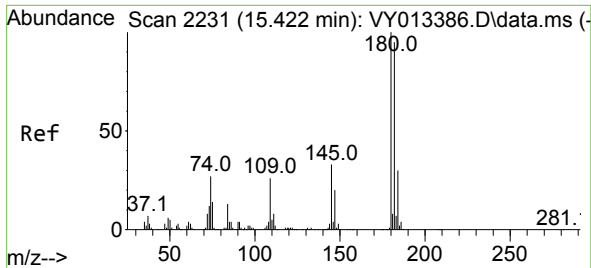
Tgt Ion: 75 Resp: 11460
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 0.2 38.0 57.0#



#93
1,2,4-Trichlorobenzene
Concen: 1.032 ug/l
RT: 15.013 min Scan# 2164
Delta R.T. 0.006 min
Lab File: VY013536.D
Acq: 01 May 2023 13:52

Tgt Ion: 180 Resp: 443
Ion Ratio Lower Upper
180 100
182 86.9 48.5 145.5
145 26.9 15.0 45.0





#96
 1,2,3-Trichlorobenzene
 Concen: 1.025 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY013536.D
 Acq: 01 May 2023 13:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 JC-03-042823-B

Tgt Ion	Ratio	Lower	Upper
180	100		
182	142.6	47.1	141.3#
145	15.3	15.9	47.7#

