

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102022\
 Data File : VX032260.D
 Acq On : 20 Oct 2022 14:10
 Operator : JC/MD
 Sample : N5146-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Oct 21 01:24:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 19 16:51:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	156430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	242913	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95590	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	99516	48.902	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.800%
35) Dibromofluoromethane	5.385	113	76413	45.205	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.420%
50) Toluene-d8	8.646	98	288444	47.405	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.800%
62) 4-Bromofluorobenzene	11.079	95	103378	46.397	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.800%

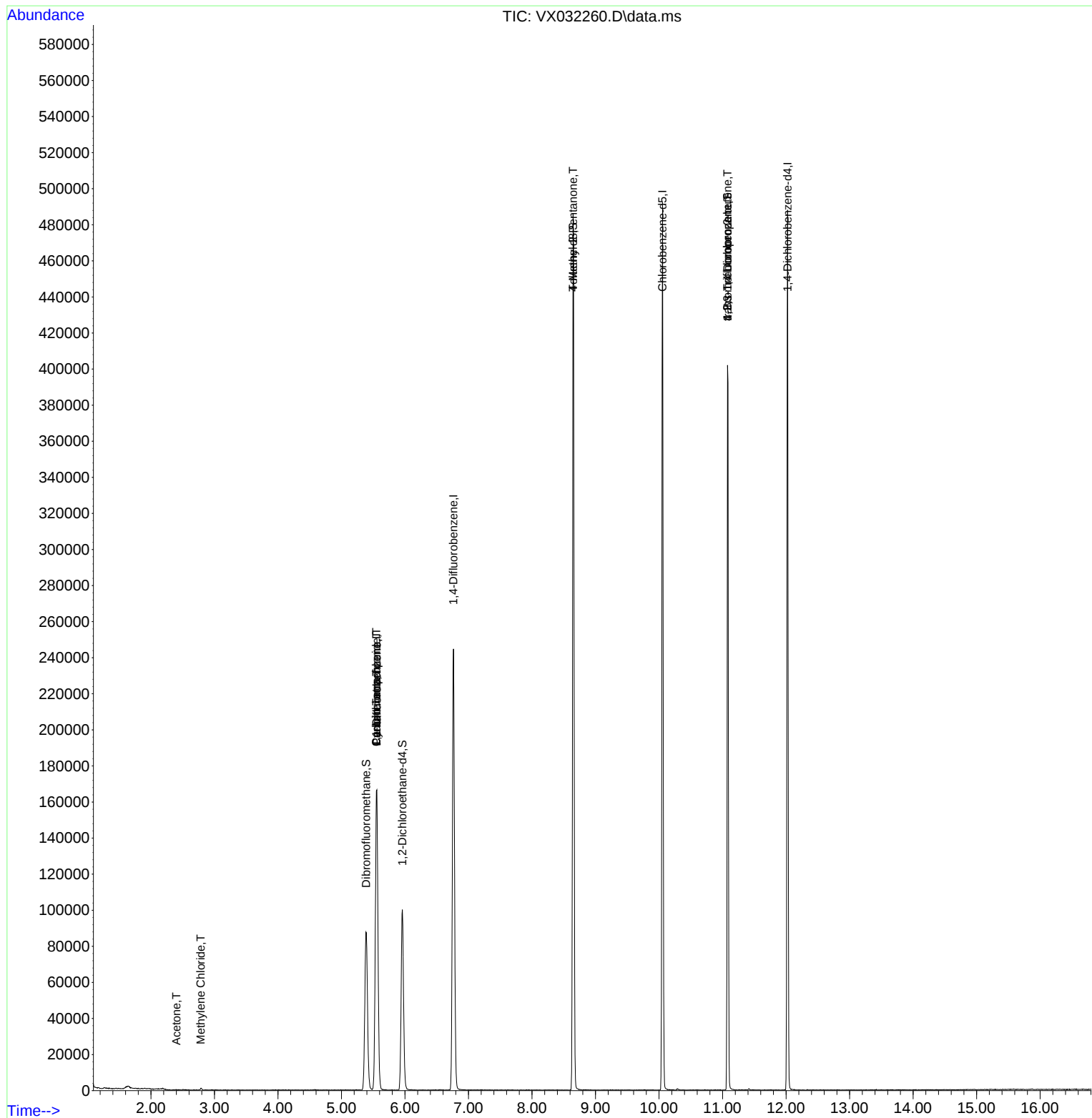
Target Compounds					Qvalue	
3) Chloromethane	1.288	50	85	Below Cal	#	44
16) Acetone	2.398	43	212	0.321	ug/l #	44
20) Methylene Chloride	2.782	84	508	0.300	ug/l #	82
31) Cyclohexane	5.549	56	3525	1.515	ug/l #	16
36) 1,1-Dichloropropene	5.549	75	12658	5.821	ug/l #	49
38) Carbon Tetrachloride	5.549	117	16900	7.362	ug/l #	16
51) 4-Methyl-2-Pentanone	8.646	43	1388	0.663	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	55774	29.447	ug/l #	44
81) trans-1,4-Dichloro-2-b...	11.079	75	55774	90.164	ug/l #	6

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

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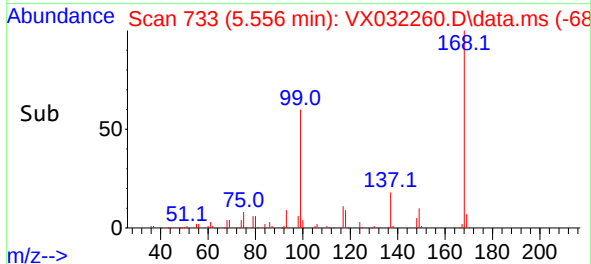
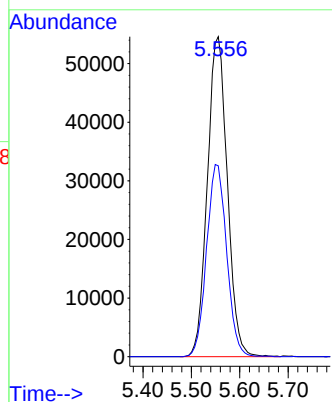
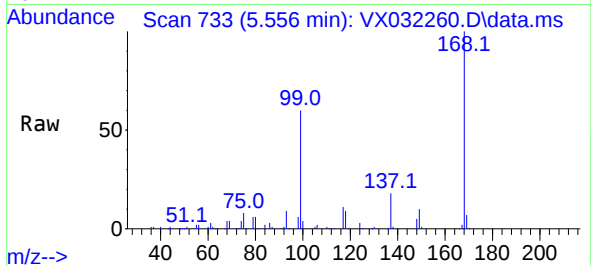




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

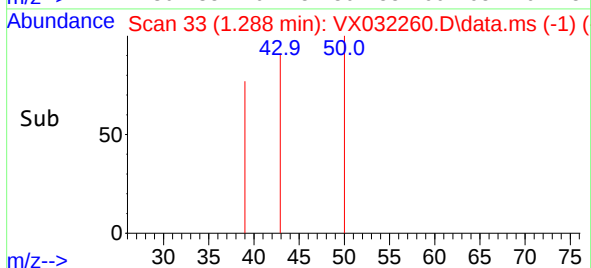
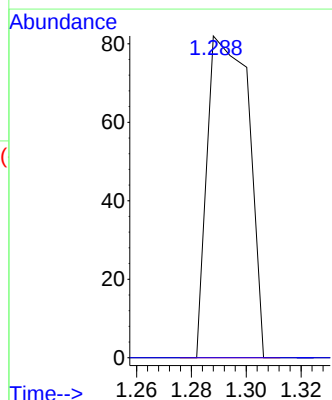
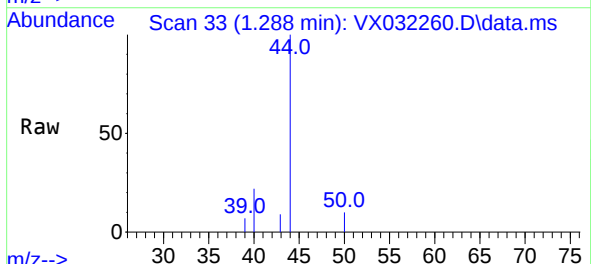
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

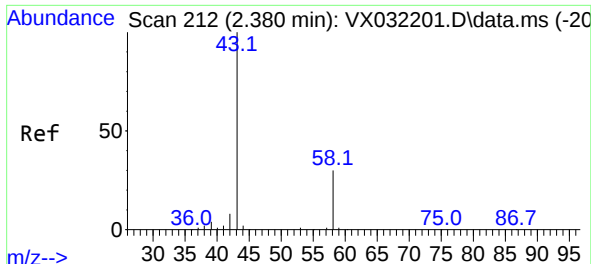
Tgt Ion:168 Resp: 156430
Ion Ratio Lower Upper
168 100
99 59.6 44.8 67.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. -0.007 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

Tgt Ion: 50 Resp: 85
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#

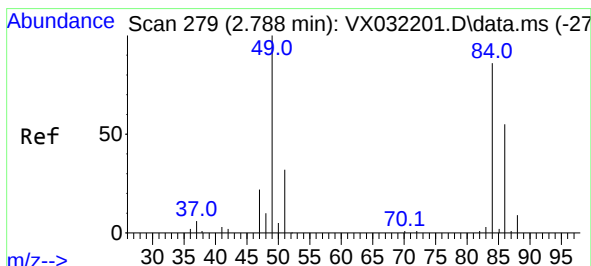
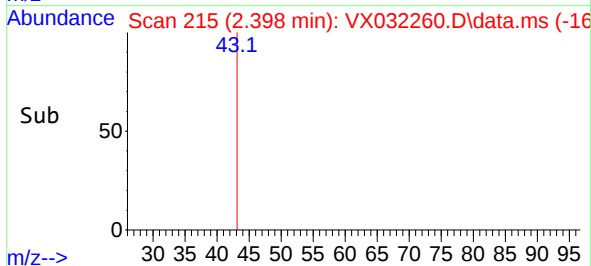
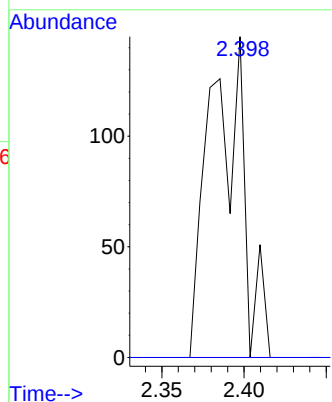
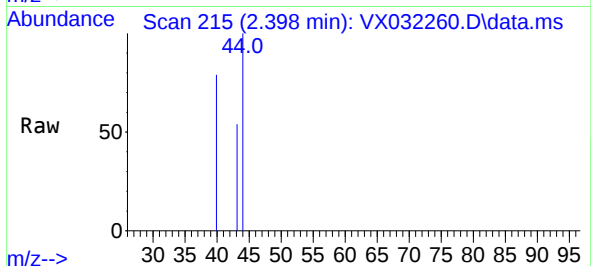




#16
Acetone
Concen: 0.321 ug/l
RT: 2.398 min Scan# 212
Delta R.T. 0.018 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

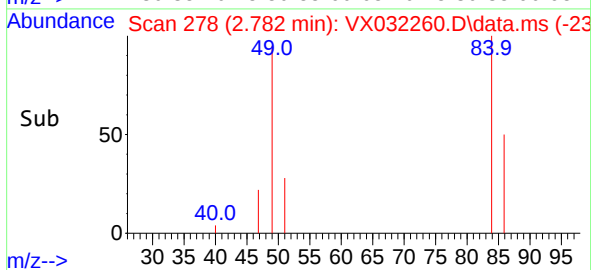
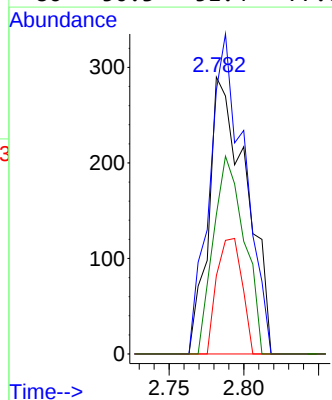
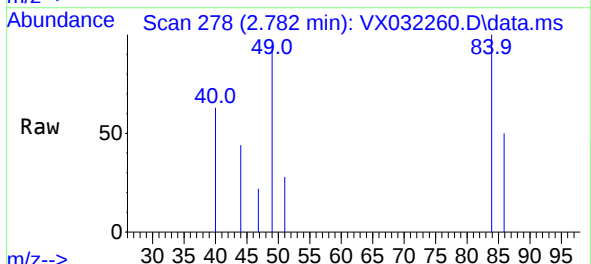
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

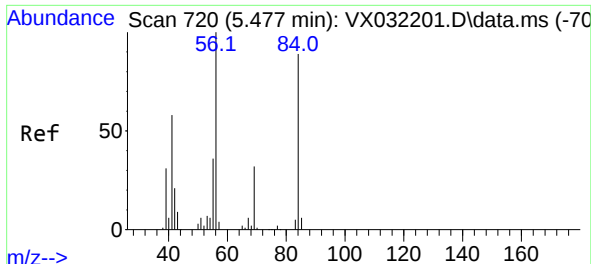
Tgt Ion: 43 Resp: 212
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.2#



#20
Methylene Chloride
Concen: 0.300 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

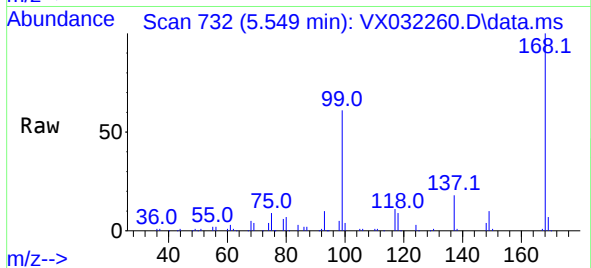
Tgt Ion: 84 Resp: 508
Ion Ratio Lower Upper
84 100
49 95.2 92.6 139.0
51 28.3 29.2 43.8#
86 50.3 51.4 77.0#



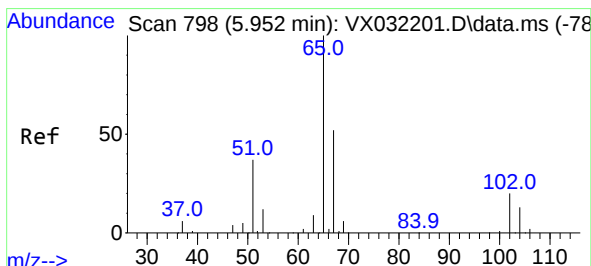
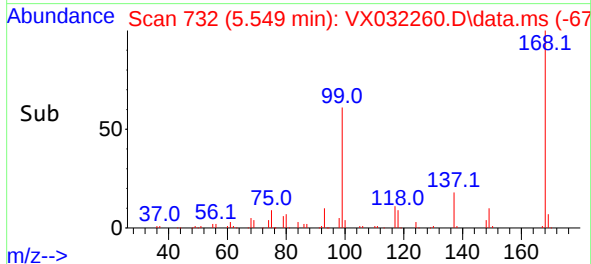
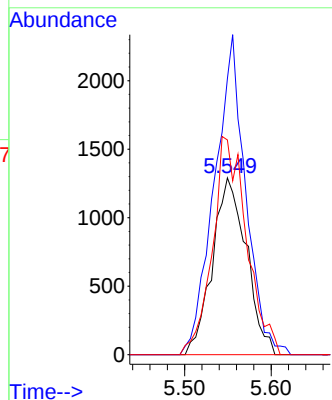


#31
Cyclohexane
Concen: 1.515 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.072 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

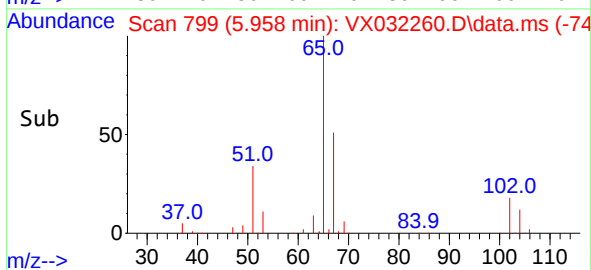
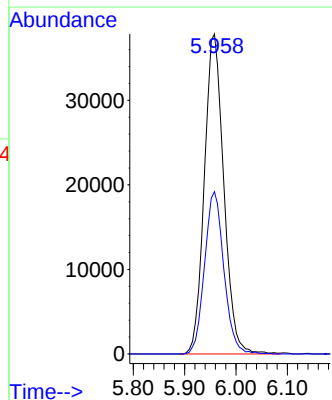
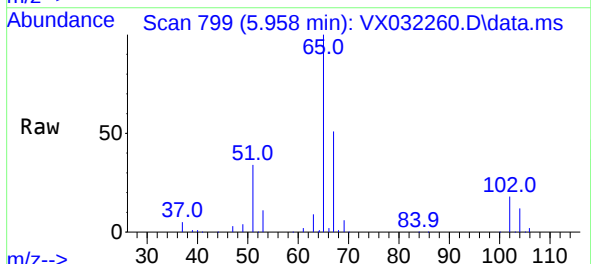


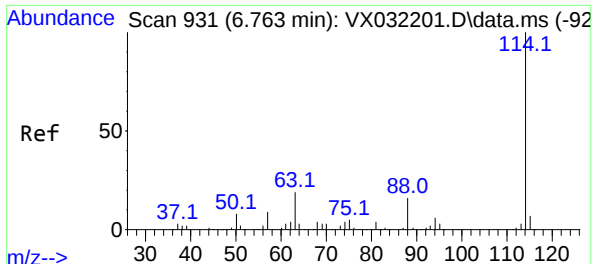
Tgt Ion: 56 Resp: 3525
Ion Ratio Lower Upper
56 100
69 156.1 25.4 38.0#
84 121.5 71.2 106.8#



#33
1,2-Dichloroethane-d4
Concen: 48.902 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

Tgt Ion: 65 Resp: 99516
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.6

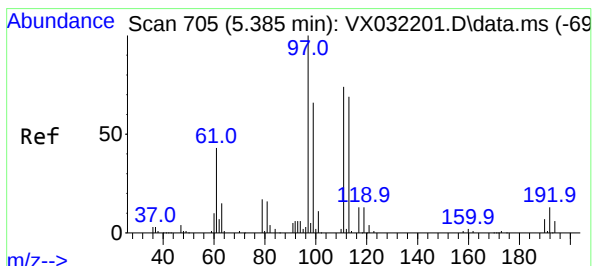
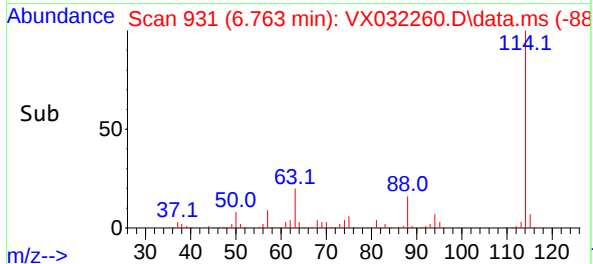
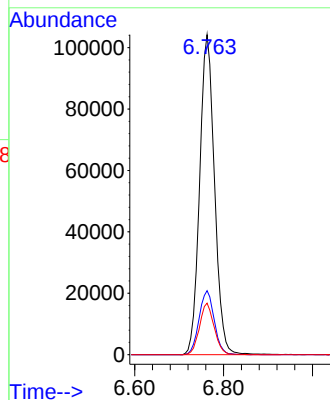
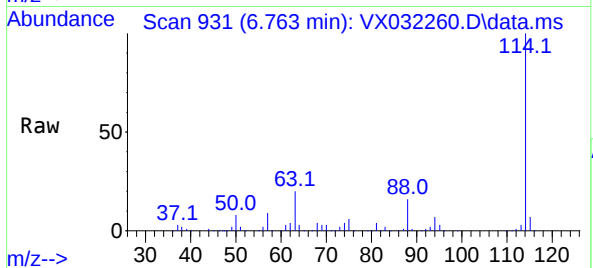




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

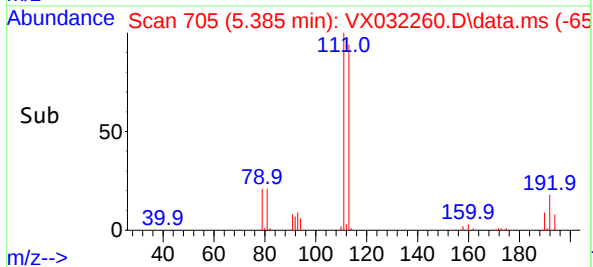
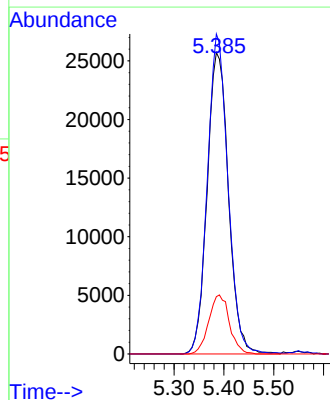
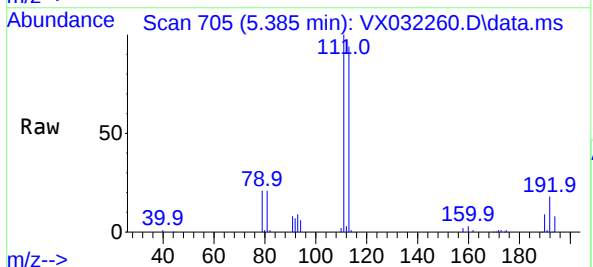
Instrument :
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ClientSampleId :
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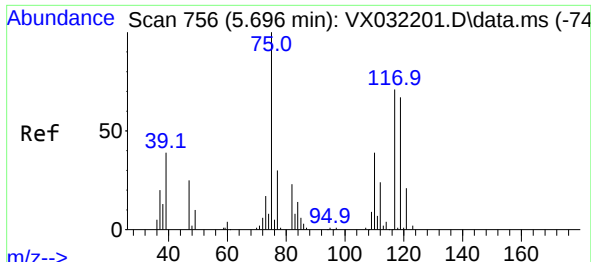
Tgt Ion:114 Resp: 242913
Ion Ratio Lower Upper
114 100
63 20.0 0.0 38.6
88 16.1 0.0 32.6



#35
Dibromofluoromethane
Concen: 45.205 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

Tgt Ion:113 Resp: 76413
Ion Ratio Lower Upper
113 100
111 102.4 82.8 124.2
192 19.0 15.5 23.3

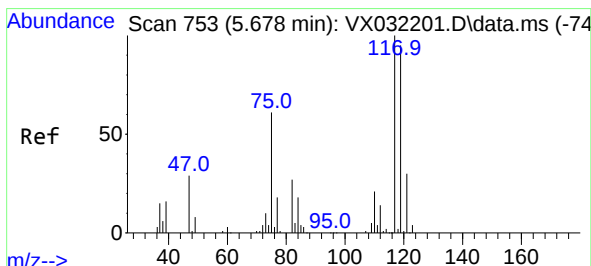
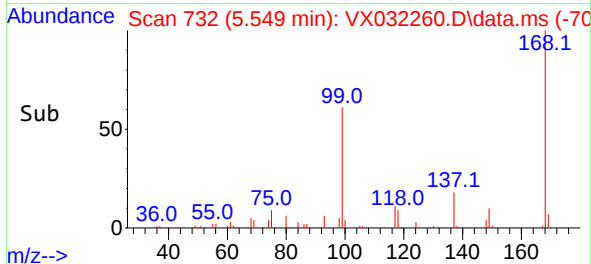
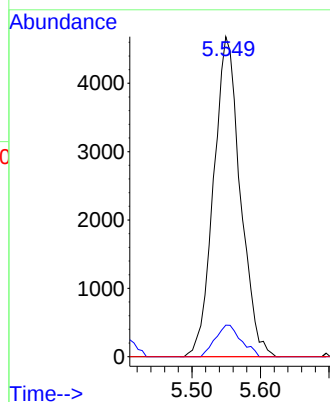
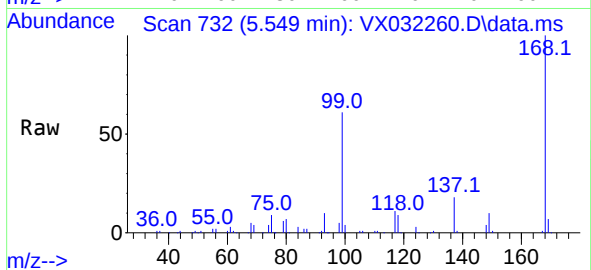




#36
1,1-Dichloropropene
Concen: 5.821 ug/l
RT: 5.549 min Scan# 712
Delta R.T. -0.147 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

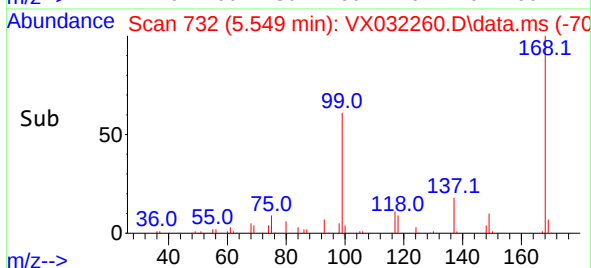
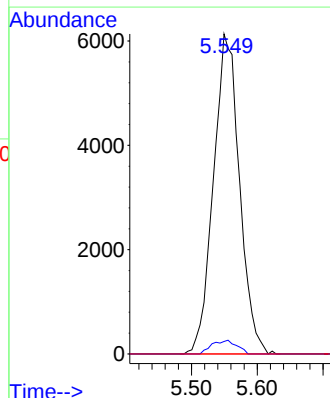
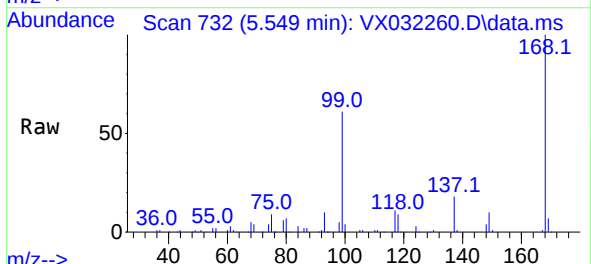
Instrument :
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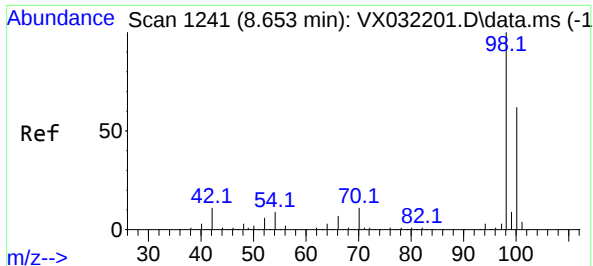
Tgt Ion: 75 Resp: 12658
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.0#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 7.362 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.129 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

Tgt Ion: 117 Resp: 16900
Ion Ratio Lower Upper
117 100
119 3.9 75.4 113.0#
121 0.0 23.9 35.9#

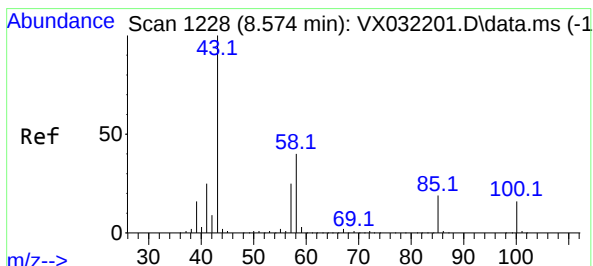
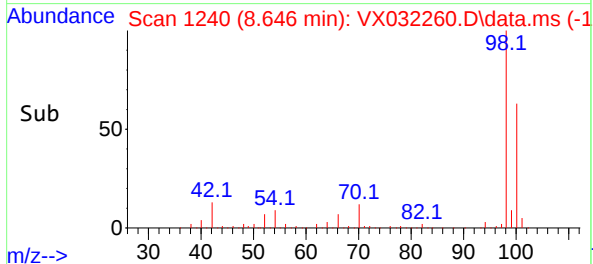
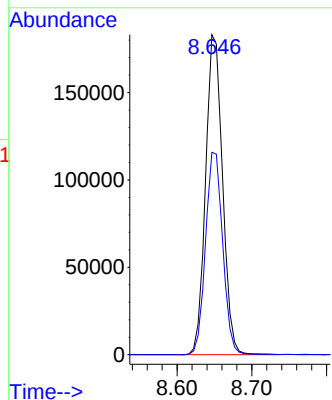
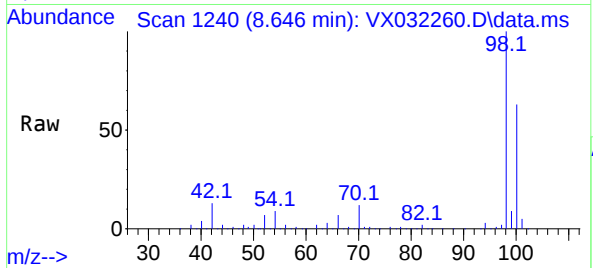




#50
Toluene-d8
Concen: 47.405 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.007 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

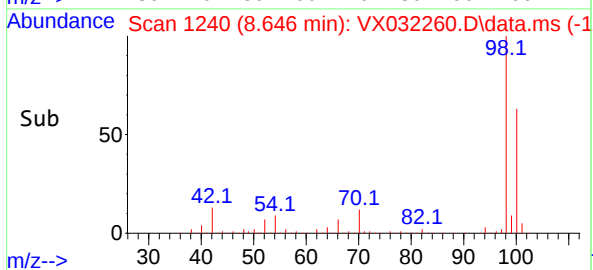
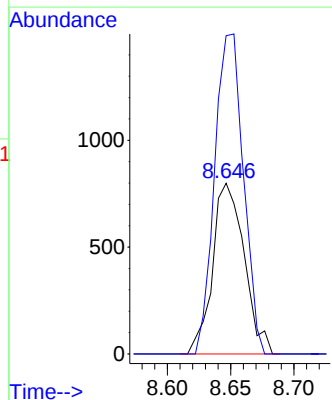
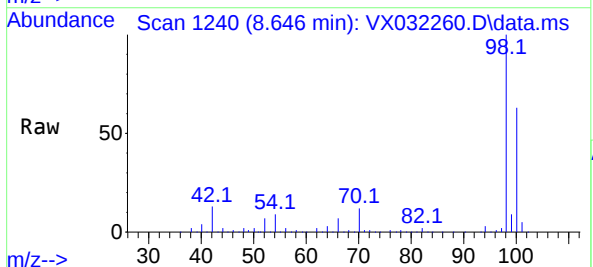
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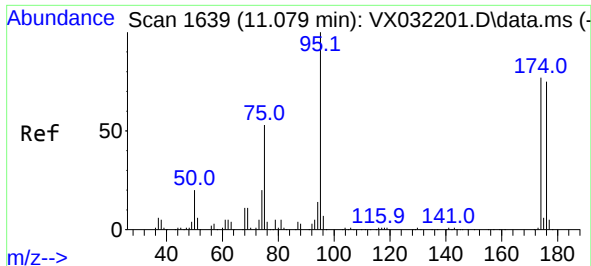
Tgt Ion: 98 Resp: 288444
Ion Ratio Lower Upper
98 100
100 64.1 50.7 76.1



#51
4-Methyl-2-Pentanone
Concen: 0.663 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. 0.072 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

Tgt Ion: 43 Resp: 1388
Ion Ratio Lower Upper
43 100
58 170.6 31.0 46.4#

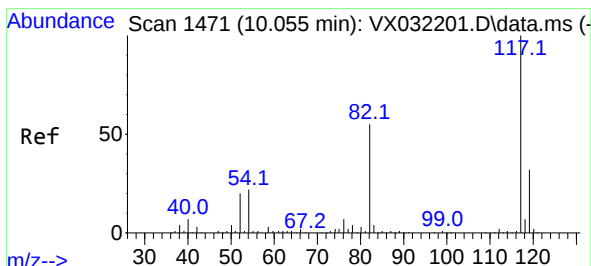
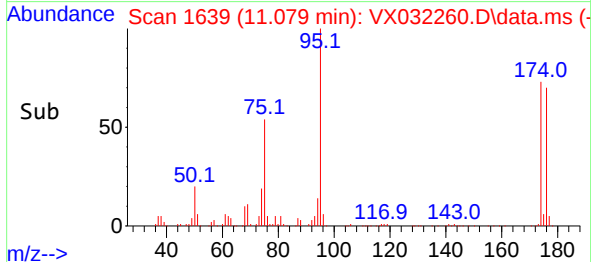
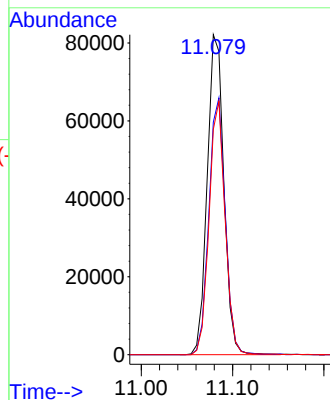
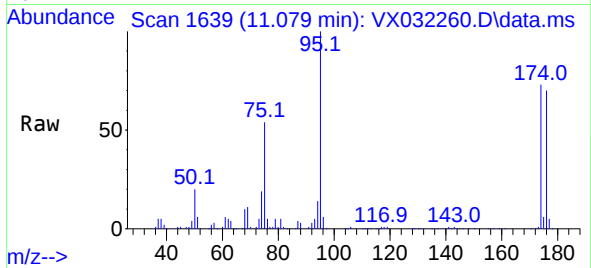




#62
4-Bromofluorobenzene
Concen: 46.397 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

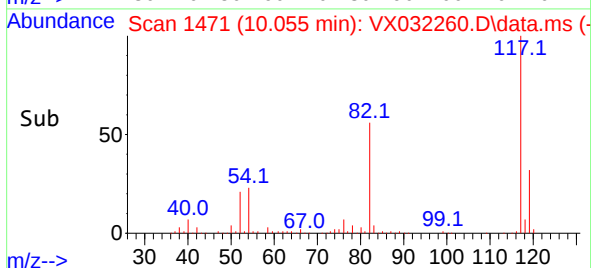
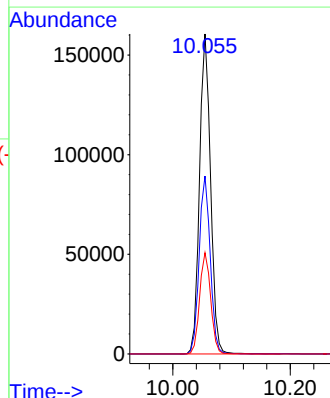
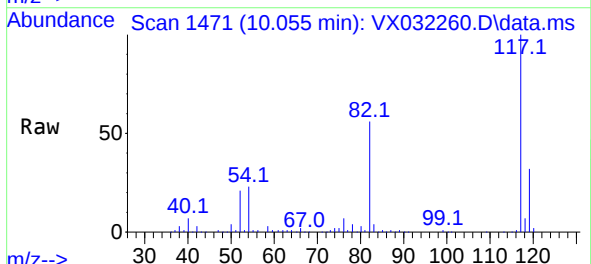
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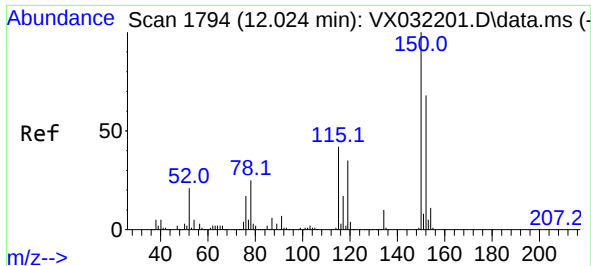
Tgt Ion: 95 Resp: 103378
Ion Ratio Lower Upper
95 100
174 79.5 0.0 166.8
176 76.4 0.0 161.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

Tgt Ion: 117 Resp: 208349
Ion Ratio Lower Upper
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82 55.6 44.2 66.4
119 31.7 25.8 38.8

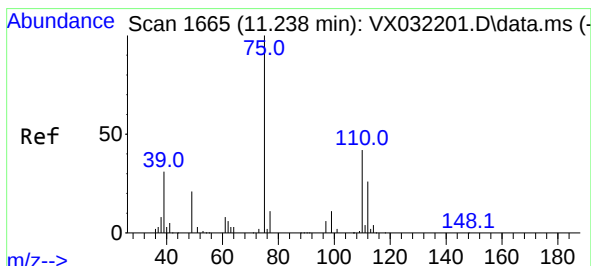
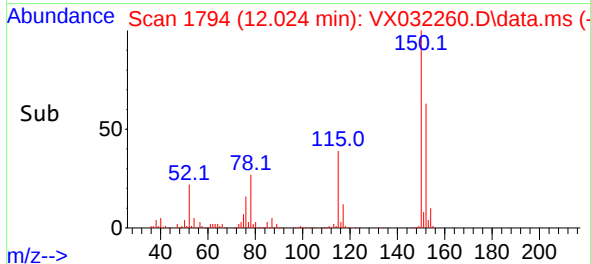
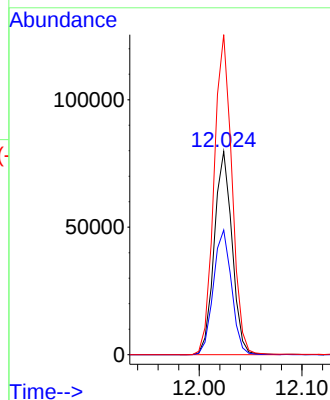
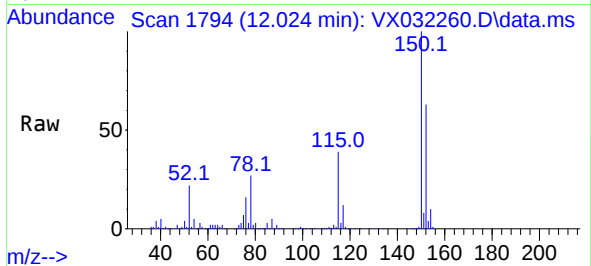




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

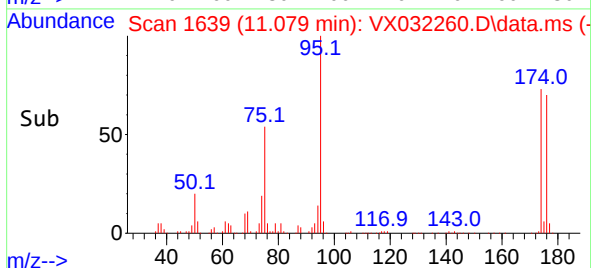
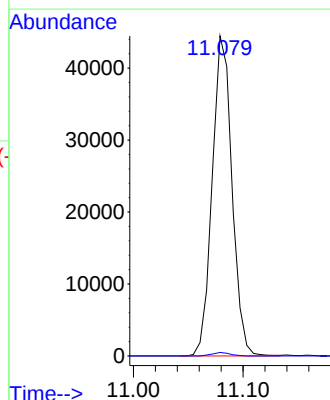
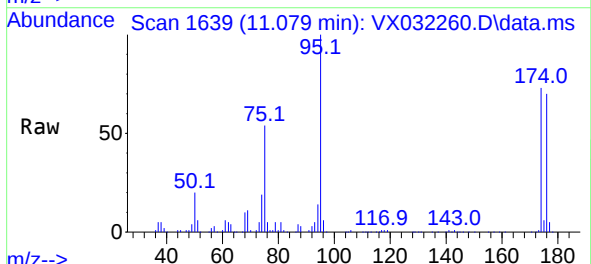
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

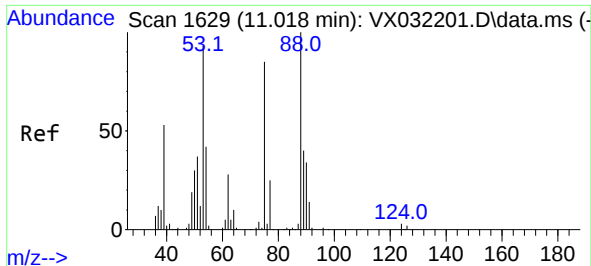
Tgt Ion:152 Resp: 95590
Ion Ratio Lower Upper
152 100
115 62.6 43.1 129.4
150 158.7 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 29.447 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

Tgt Ion: 75 Resp: 55774
Ion Ratio Lower Upper
75 100
77 1.0 16.0 47.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.164 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX032260.D
Acq: 20 Oct 2022 14:10

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 55774
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.0 37.8 56.8#

