

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027313.D
 Acq On : 04 Mar 2022 19:48
 Operator : JC/MD
 Sample : N1783-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Mar 05 00:46:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

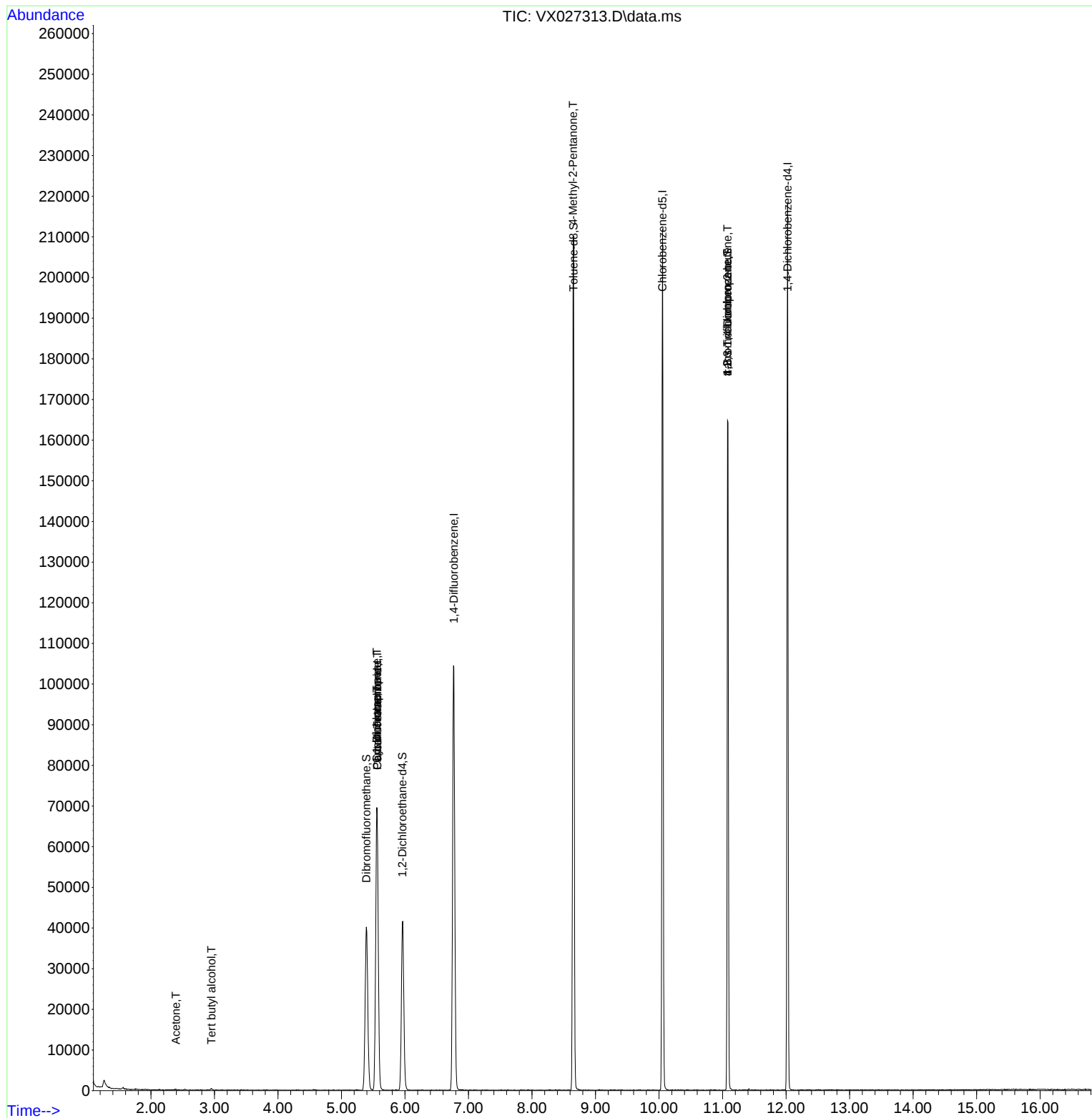
Internal Standards						
1) Pentafluorobenzene	5.562	168	68246	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	110625	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	100475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	44831	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	41470	50.595	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.200%			
35) Dibromofluoromethane	5.391	113	35333	51.456	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.920%			
50) Toluene-d8	8.653	98	127147	49.521	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.040%			
62) 4-Bromofluorobenzene	11.079	95	46182	46.859	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.720%			
Target Compounds						
5) Bromomethane	1.618	94	20	Below Cal	#	2
11) Tert butyl alcohol	2.953	59	183	1.148	ug/l #	75
16) Acetone	2.392	43	226	0.628	ug/l #	89
31) Cyclohexane	5.556	56	1145	0.933	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	4816	4.806	ug/l #	50
38) Carbon Tetrachloride	5.562	117	6720	6.429	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	494	0.449	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	22699	25.137	ug/l #	40
81) trans-1,4-Dichloro-2-b...	11.079	75	22699	71.165	ug/l #	3

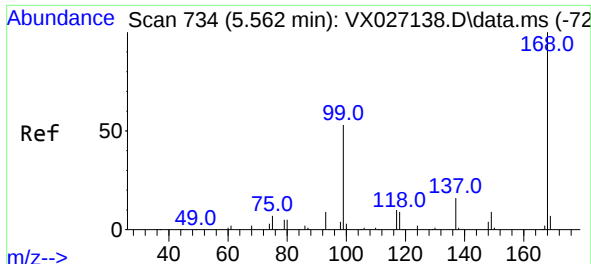
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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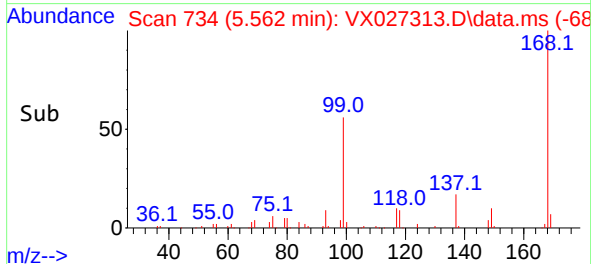
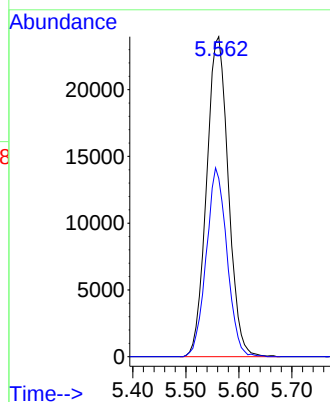
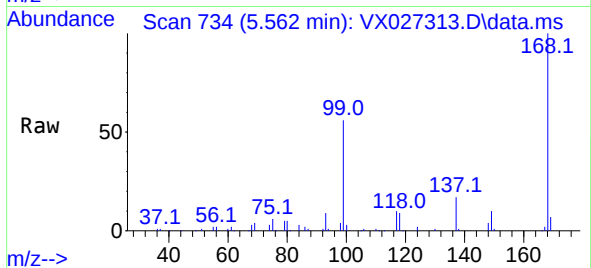




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027313.D
Acq: 04 Mar 2022 19:48

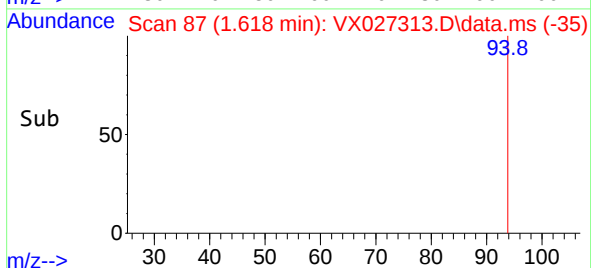
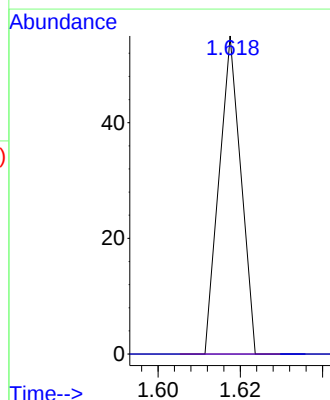
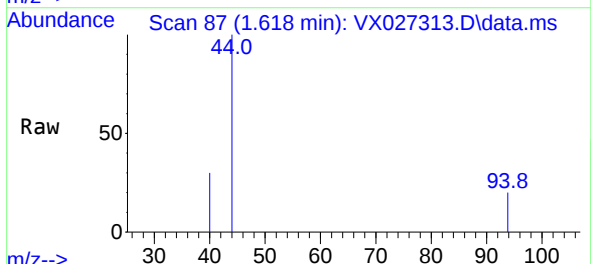
Instrument :
MSVOA_X
ClientSampleId :
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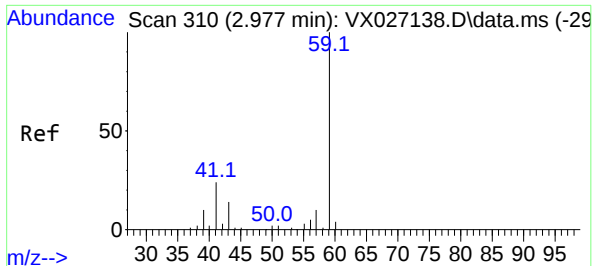
Tgt Ion:168 Resp: 68246
Ion Ratio Lower Upper
168 100
99 55.7 50.3 75.5



#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027313.D
Acq: 04 Mar 2022 19:48

Tgt Ion: 94 Resp: 20
Ion Ratio Lower Upper
94 100
96 0.0 75.9 113.9#





#11

Tert butyl alcohol

Concen: 1.148 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.024 min

Lab File: VX027313.D

Acq: 04 Mar 2022 19:48

Instrument :

MSVOA_X

ClientSampleId :

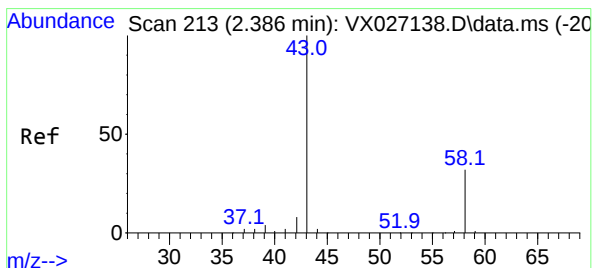
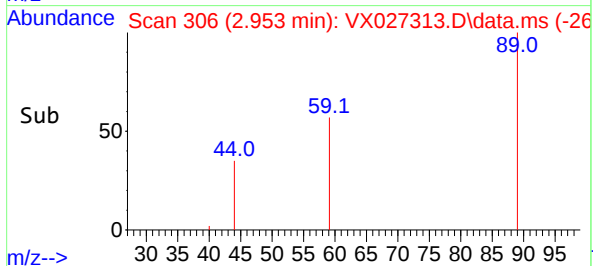
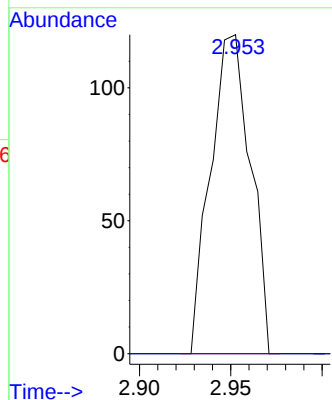
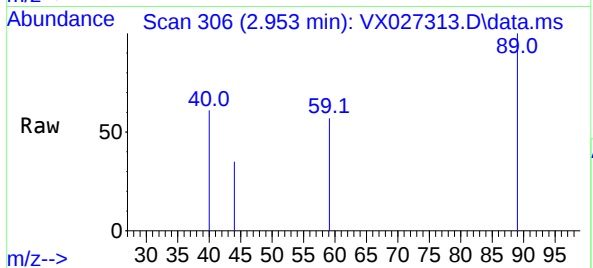
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Tgt Ion: 59 Resp: 183

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#16

Acetone

Concen: 0.628 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX027313.D

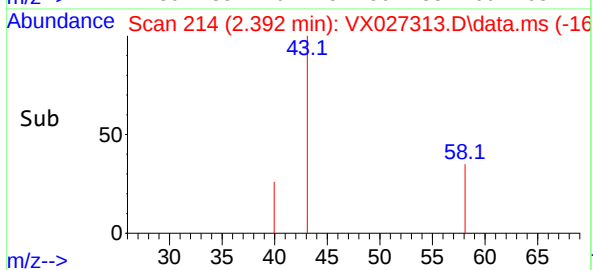
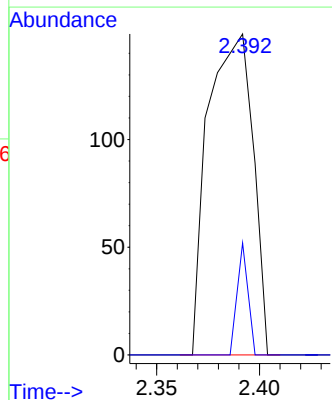
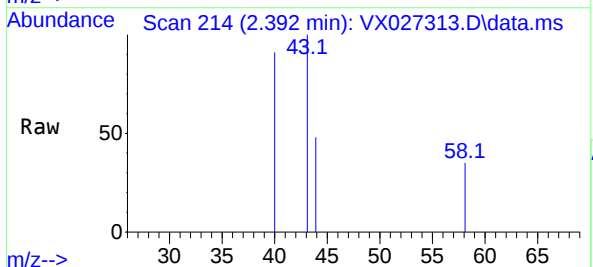
Acq: 04 Mar 2022 19:48

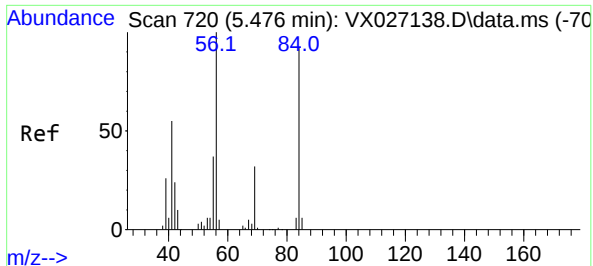
Tgt Ion: 43 Resp: 226

Ion Ratio Lower Upper

43 100

58 34.9 23.0 34.6#

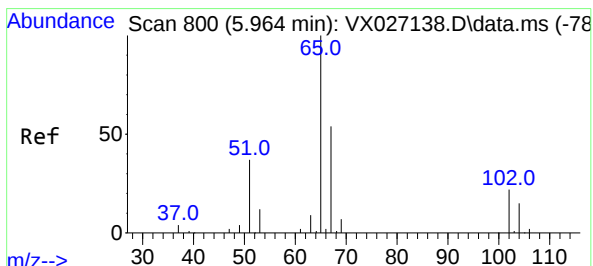
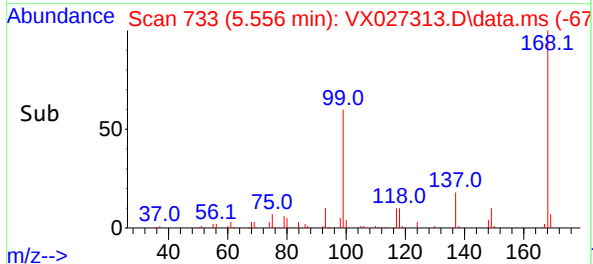
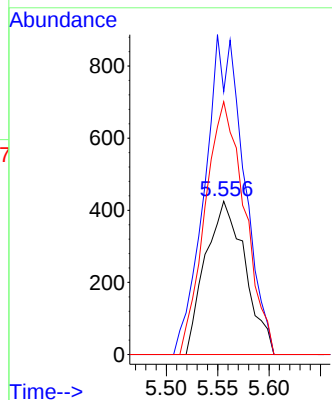
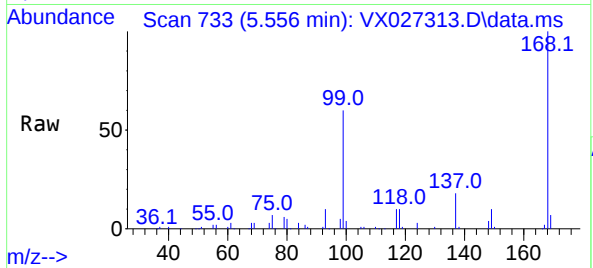




#31
Cyclohexane
Concen: 0.933 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.080 min
Lab File: VX027313.D
Acq: 04 Mar 2022 19:48

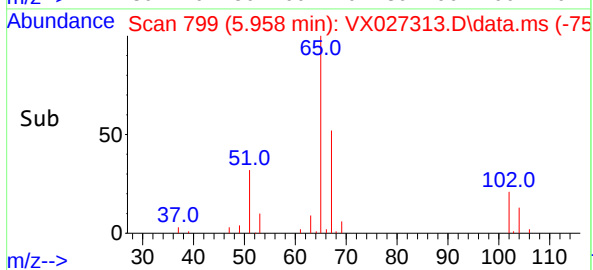
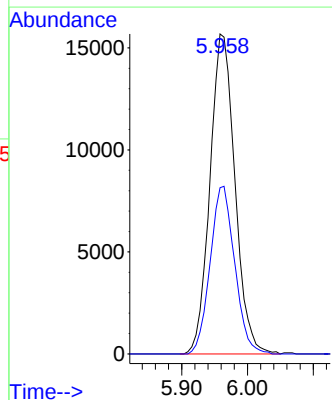
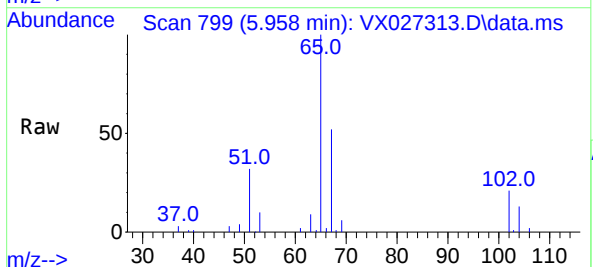
Instrument :
MSVOA_X
ClientSampleId :
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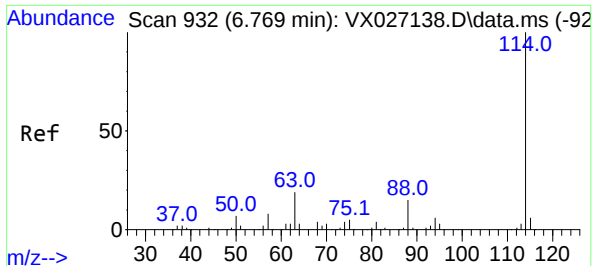
Tgt Ion: 56 Resp: 1145
Ion Ratio Lower Upper
56 100
69 171.5 25.8 38.6#
84 164.9 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.595 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX027313.D
Acq: 04 Mar 2022 19:48

Tgt Ion: 65 Resp: 41470
Ion Ratio Lower Upper
65 100
67 51.5 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX027313.D

Acq: 04 Mar 2022 19:48

Instrument :

MSVOA_X

ClientSampleId :

FIELD-BLANK

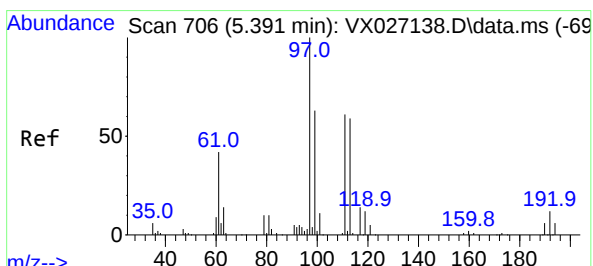
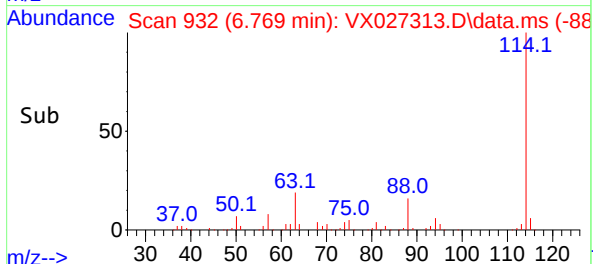
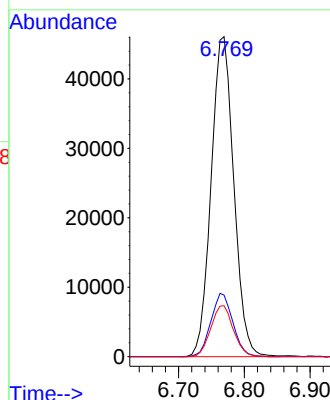
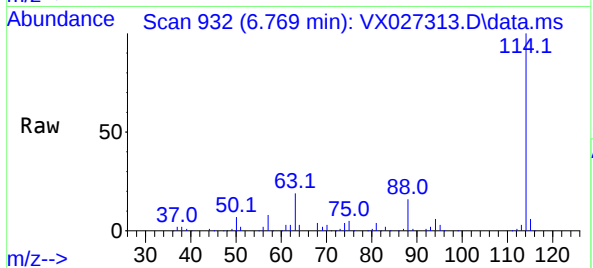
Tgt Ion:114 Resp: 110625

Ion Ratio Lower Upper

114 100

63 19.2 0.0 42.8

88 15.9 0.0 33.0



#35

Dibromofluoromethane

Concen: 51.456 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027313.D

Acq: 04 Mar 2022 19:48

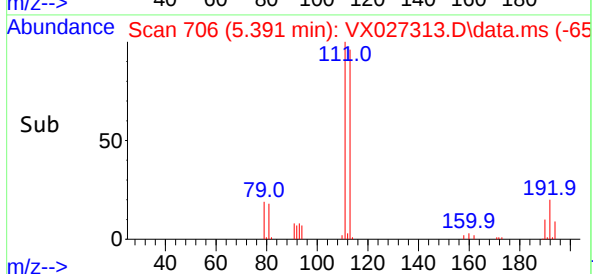
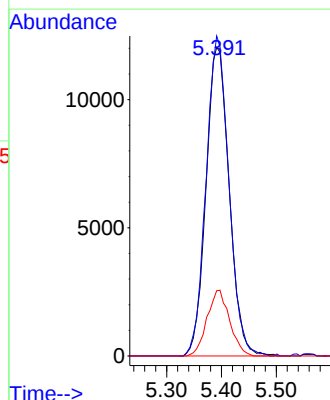
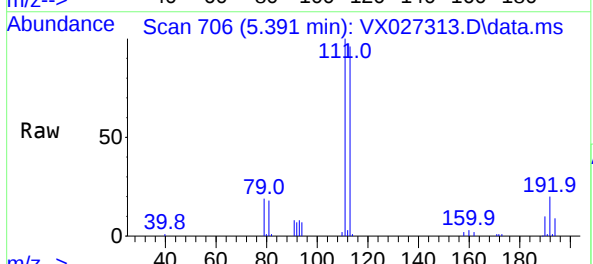
Tgt Ion:113 Resp: 35333

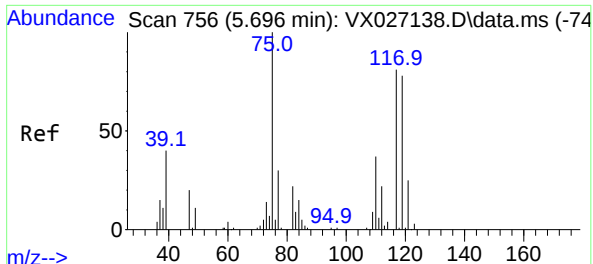
Ion Ratio Lower Upper

113 100

111 102.1 81.2 121.8

192 20.7 15.0 22.4

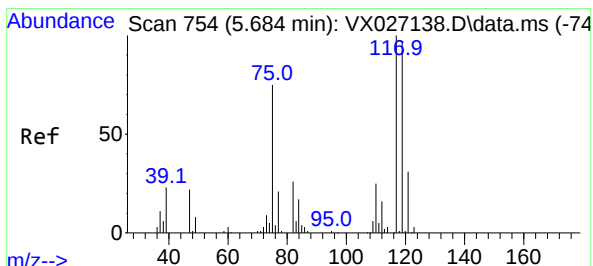
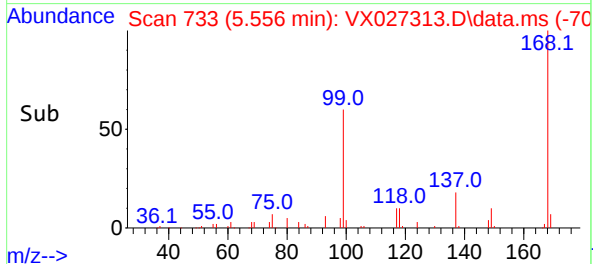
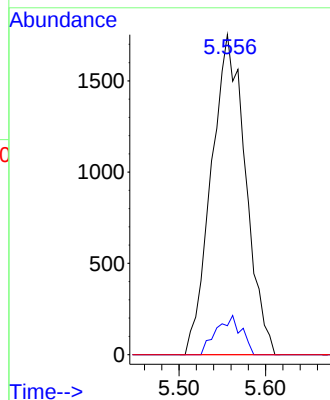
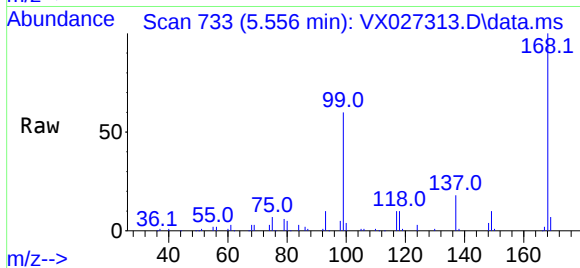




#36
1,1-Dichloropropene
Concen: 4.806 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027313.D
Acq: 04 Mar 2022 19:48

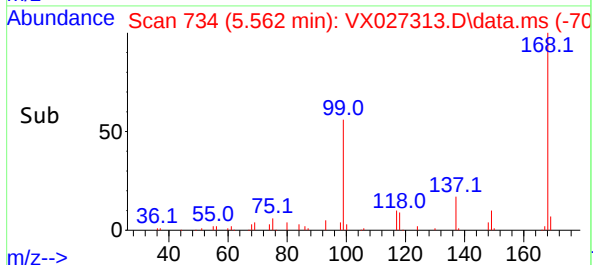
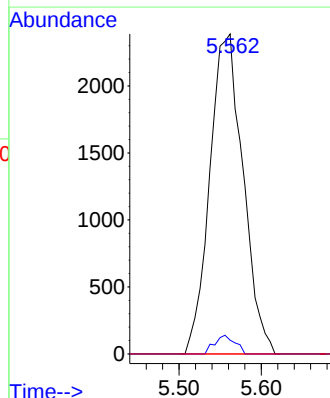
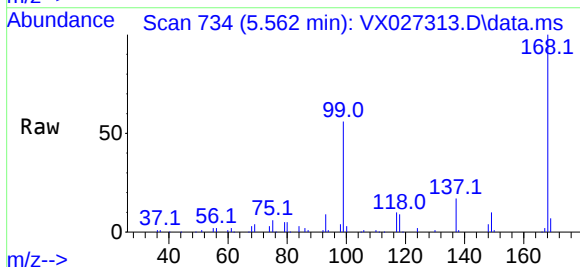
Instrument :
MSVOA_X
ClientSampleId :
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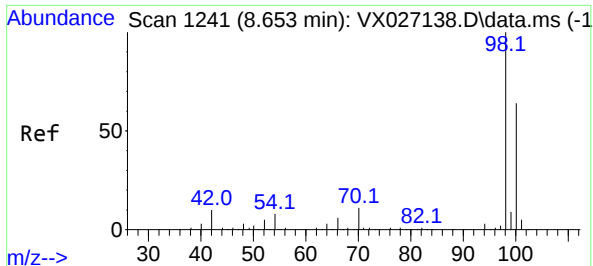
Tgt Ion: 75 Resp: 4816
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.429 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX027313.D
Acq: 04 Mar 2022 19:48

Tgt Ion: 117 Resp: 6720
Ion Ratio Lower Upper
117 100
119 4.3 74.7 112.1#
121 0.0 25.4 38.0#





#50

Toluene-d8

Concen: 49.521 ug/l

RT: 8.653 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX027313.D

Acq: 04 Mar 2022 19:48

Instrument :

MSVOA_X

ClientSampleId :

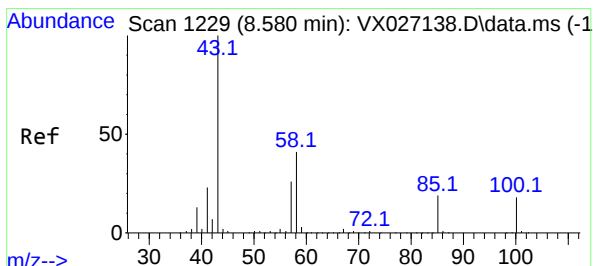
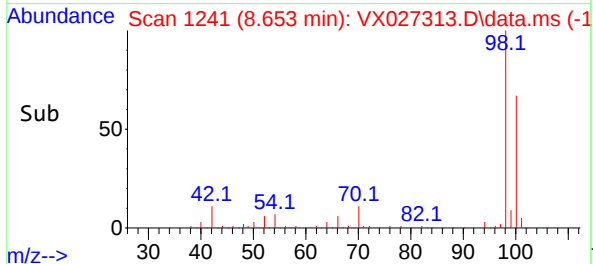
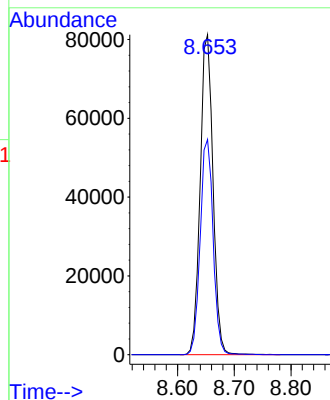
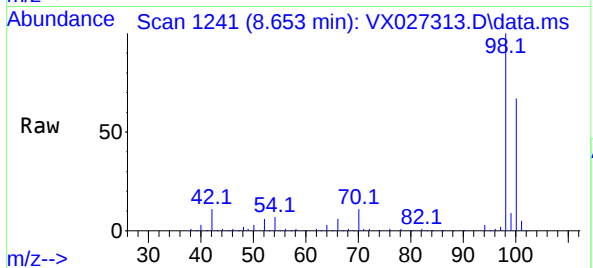
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Tgt Ion: 98 Resp: 127147

Ion Ratio Lower Upper

98 100

100 67.8 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 0.449 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.067 min

Lab File: VX027313.D

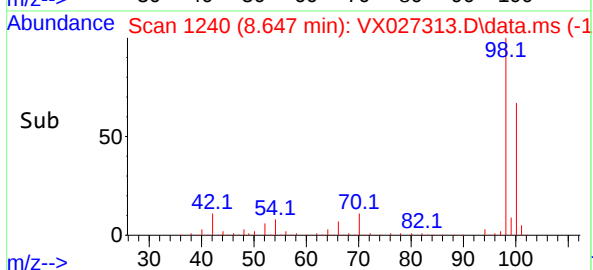
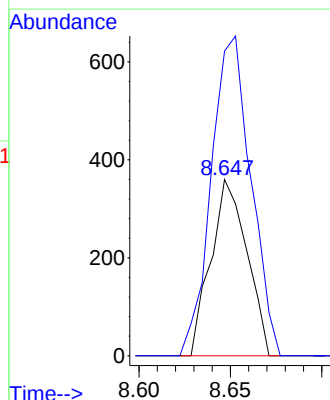
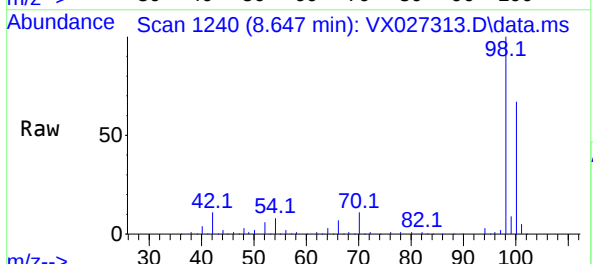
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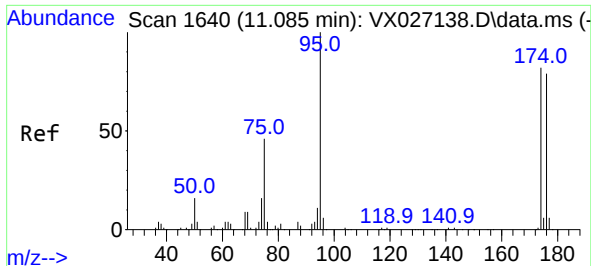
Tgt Ion: 43 Resp: 494

Ion Ratio Lower Upper

43 100

58 199.6 30.5 45.7#

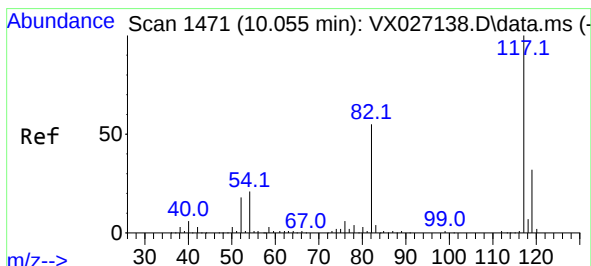
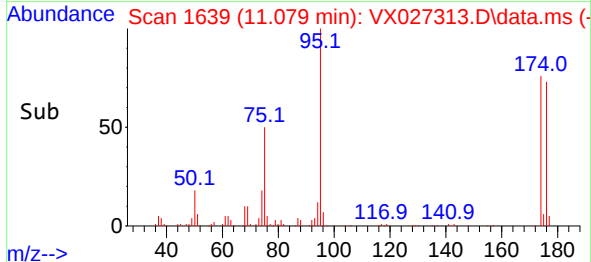
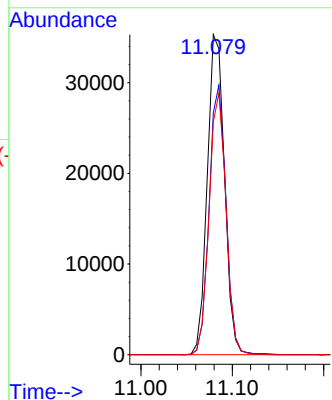
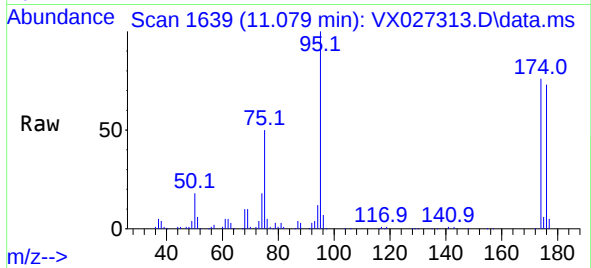




#62
4-Bromofluorobenzene
Concen: 46.859 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027313.D
Acq: 04 Mar 2022 19:48

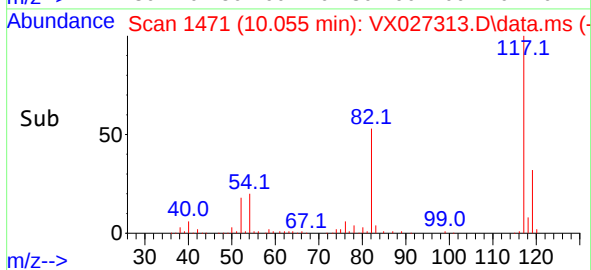
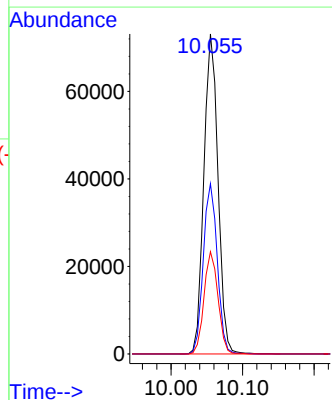
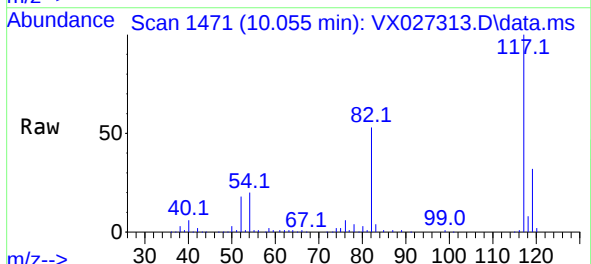
Instrument :
MSVOA_X
ClientSampleId :
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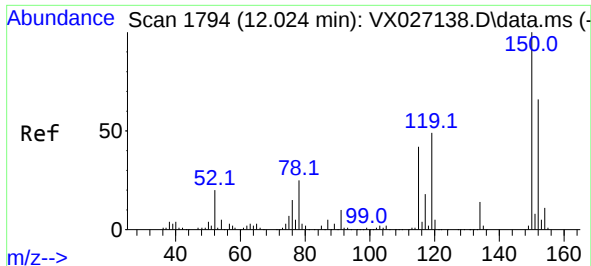
Tgt Ion: 95 Resp: 46182
Ion Ratio Lower Upper
95 100
174 82.4 0.0 148.6
176 79.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027313.D
Acq: 04 Mar 2022 19:48

Tgt Ion: 117 Resp: 100475
Ion Ratio Lower Upper
117 100
82 53.2 45.2 67.8
119 32.0 26.2 39.2

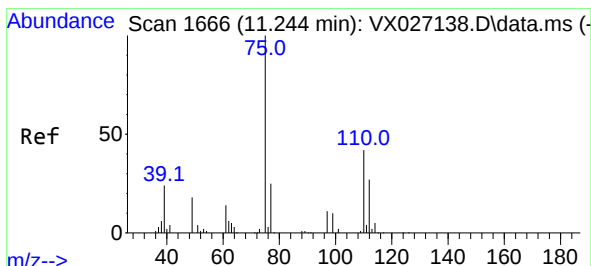
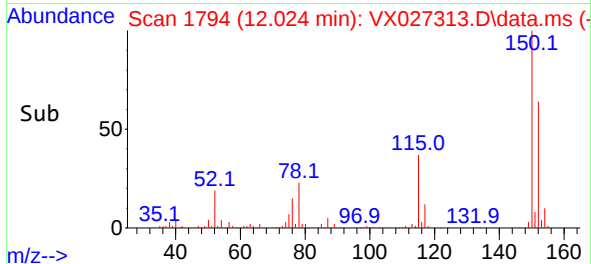
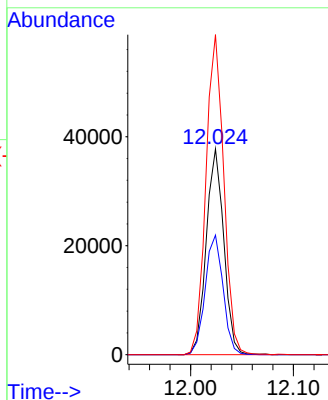
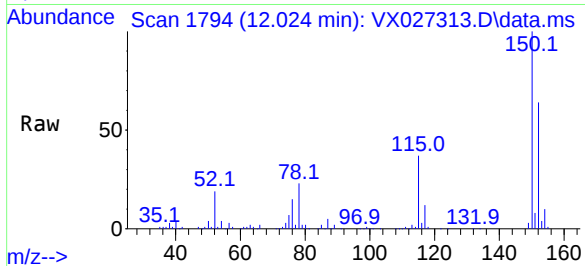




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027313.D
Acq: 04 Mar 2022 19:48

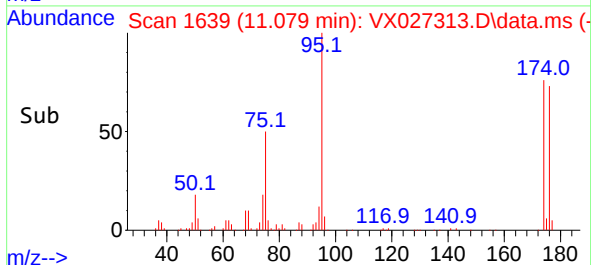
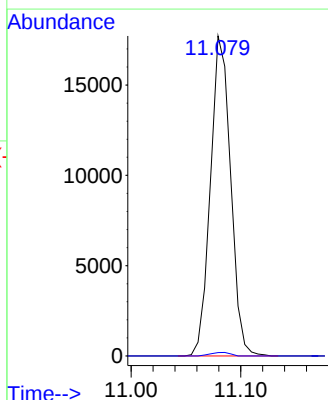
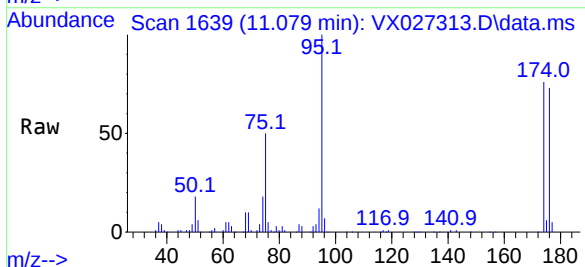
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

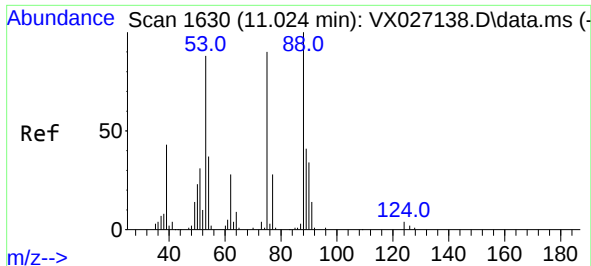
Tgt Ion:152 Resp: 44831
Ion Ratio Lower Upper
152 100
115 59.5 44.2 132.6
150 158.2 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 25.137 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027313.D
Acq: 04 Mar 2022 19:48

Tgt Ion: 75 Resp: 22699
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 71.165 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.055 min
Lab File: VX027313.D
Acq: 04 Mar 2022 19:48

Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

Tgt Ion: 75 Resp: 22699
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#

