

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047438.D
 Acq On : 10 Mar 2022 06:05
 Operator : SY/MD
 Sample : N1857-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

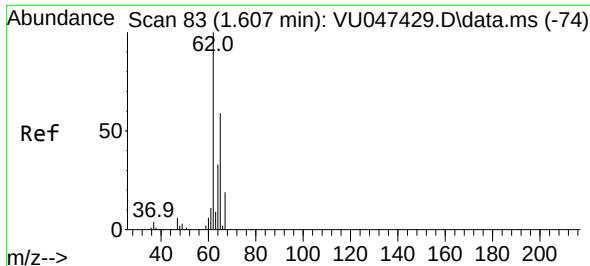
Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH7

Quant Time: Mar 10 06:34:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 03:57:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	159663	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	154329	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81503	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	39008	4.505	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.919	69	30099	4.735	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.600%
11) 1,1-Dichloroethene-d2	2.572	65	17781	4.649	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.000%
20) 2-Butanone-d5	4.649	46	70976	46.037	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.080%
24) Chloroform-d	5.067	84	62868	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.706	65	32949	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.732	84	136365	4.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.694	67	40267	4.689	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.800%
41) Toluene-d8	7.899	98	128643	4.508	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
43) trans-1,3-Dichloroprop...	8.182	79	15041	4.125	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.639	63	73934	46.030	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.060%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	34252	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	51315	4.966	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.400%
Target Compounds						Qvalue
5) Vinyl chloride	1.607	62	5393	0.459	ug/L	84
8) Chloroethane	1.945	64	1229	0.172	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	429	0.045	ug/L #	17
18) trans-1,2-Dichloroethene	3.359	96	885	0.088	ug/L	75
22) cis-1,2-Dichloroethene	4.674	96	19927	1.792	ug/L	97
33) Benzene	5.780	78	6479	0.155	ug/L	100
35) Methylcyclohexane	6.694	83	9419	0.536	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	4137	0.399	ug/L #	88
61) 1,2,3-Trichloropropane	11.812	75	8704	1.153	ug/L #	68

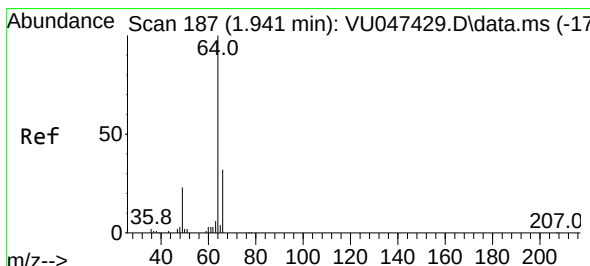
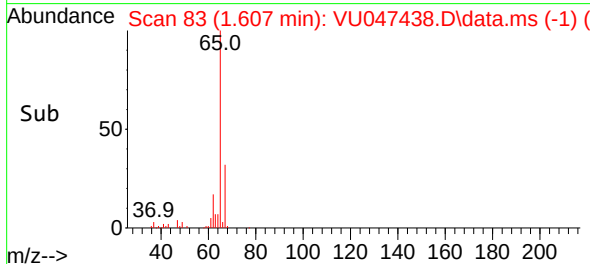
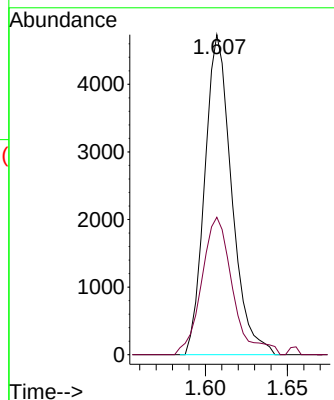
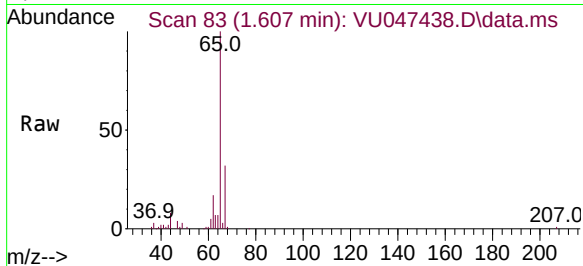
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#5
 Vinyl chloride
 Concen: 0.459 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU047438.D
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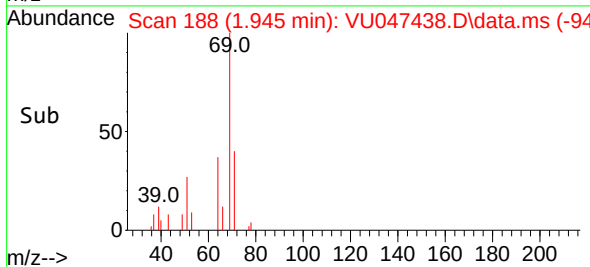
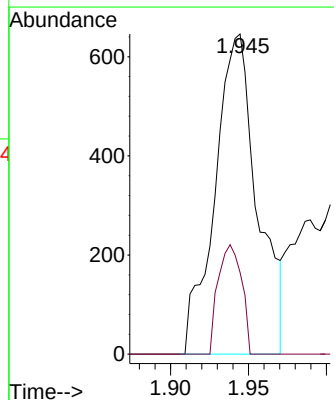
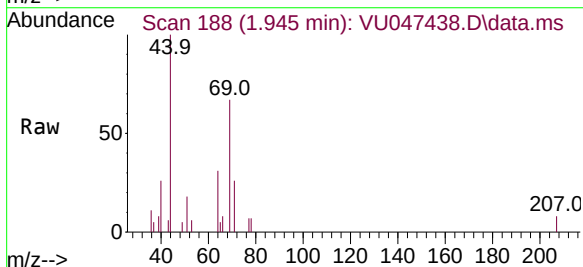
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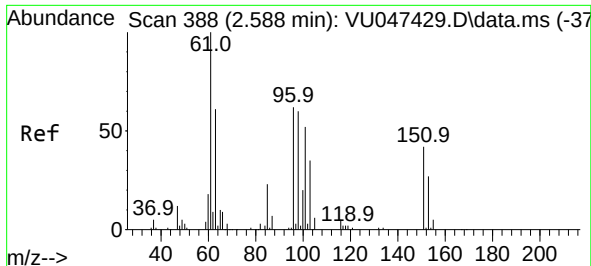
Tgt Ion: 62 Resp: 5393
 Ion Ratio Lower Upper
 62 100
 64 43.0 23.7 43.9



#8
 Chloroethane
 Concen: 0.172 ug/L
 RT: 1.945 min Scan# 188
 Delta R.T. 0.003 min
 Lab File: VU047438.D
 Acq: 10 Mar 2022 06:05

Tgt Ion: 64 Resp: 1229
 Ion Ratio Lower Upper
 64 100
 66 25.5 22.9 42.5

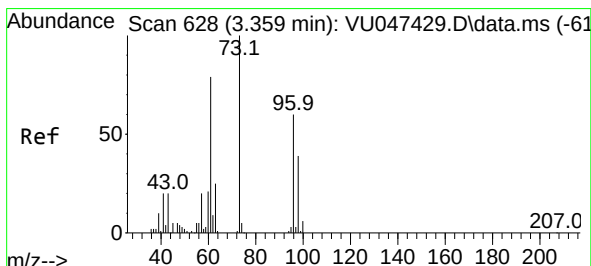
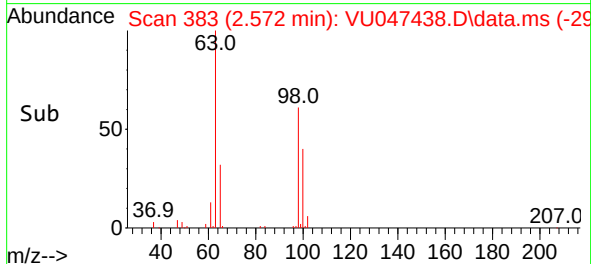
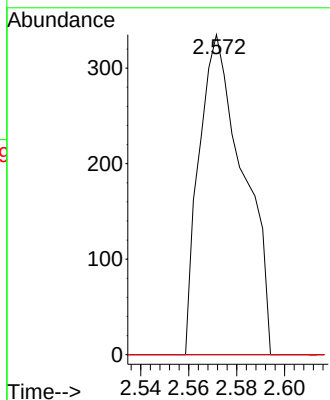
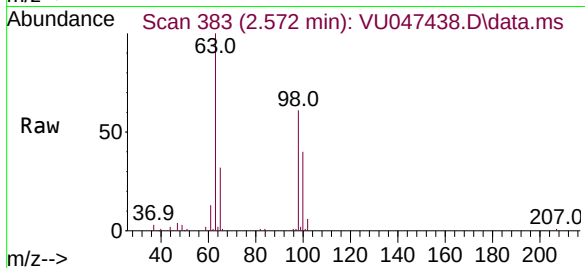




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.045 ug/L
RT: 2.572 min Scan# 383
Delta R.T. -0.016 min
Lab File: VU047438.D
Acq: 10 Mar 2022 06:05

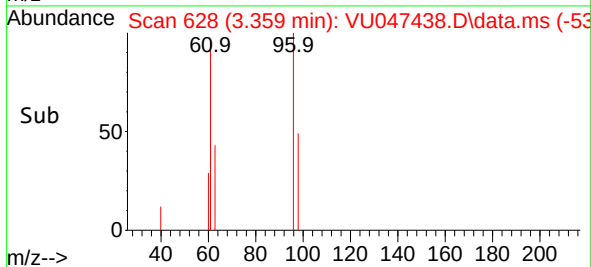
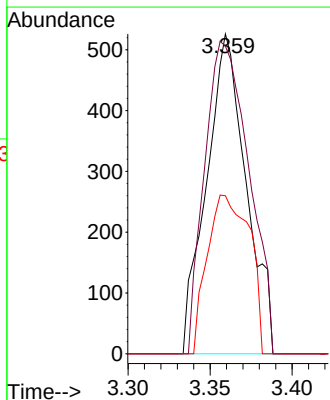
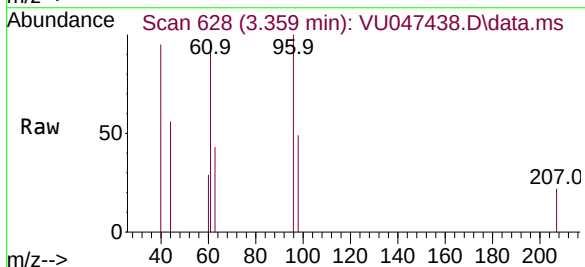
Instrument :
MSVOA_U
ClientSampleId :
ETNH7

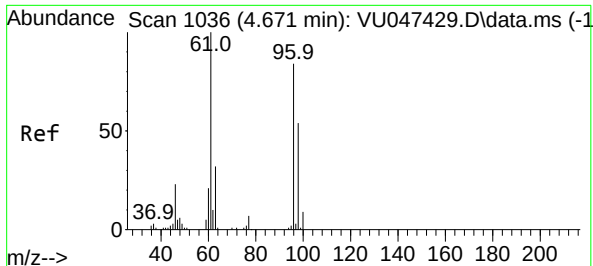
Tgt Ion:101 Resp: 429
Ion Ratio Lower Upper
101 100
85 0.0 33.8 50.6#
151 0.0 64.8 97.2#



#18
trans-1,2-Dichloroethene
Concen: 0.088 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU047438.D
Acq: 10 Mar 2022 06:05

Tgt Ion: 96 Resp: 885
Ion Ratio Lower Upper
96 100
61 96.2 90.4 167.8
98 49.4 45.0 83.6





#22

cis-1,2-Dichloroethene

Concen: 1.792 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU047438.D

Acq: 10 Mar 2022 06:05

Instrument :

MSVOA_U

ClientSampleId :

ETNH7

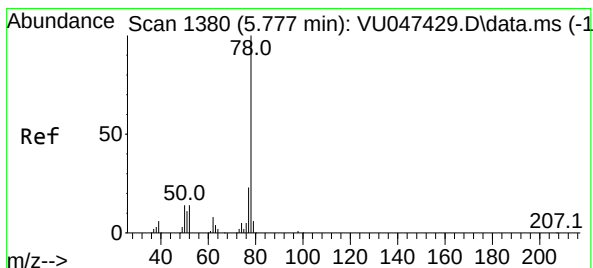
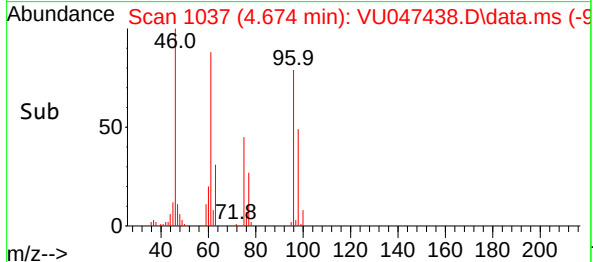
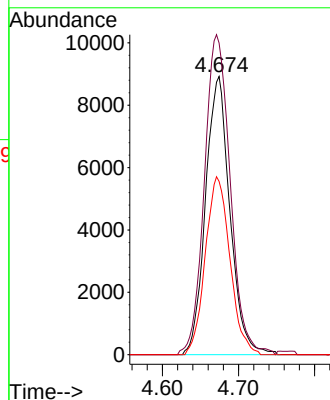
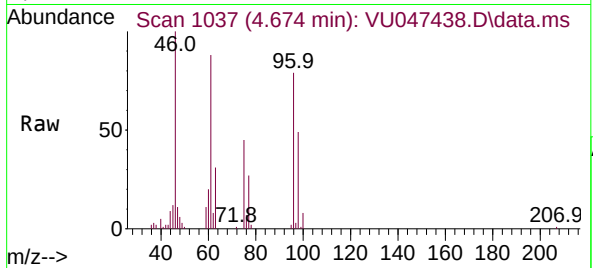
Tgt Ion: 96 Resp: 19927

Ion Ratio Lower Upper

96 100

61 112.0 80.8 150.0

98 62.3 44.7 83.1



#33

Benzene

Concen: 0.155 ug/L

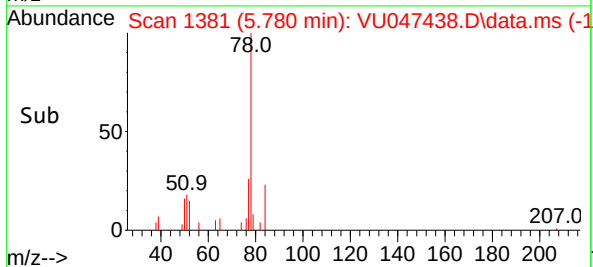
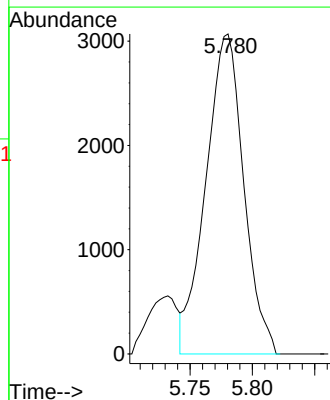
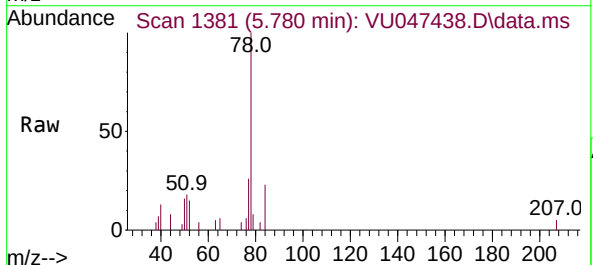
RT: 5.780 min Scan# 1381

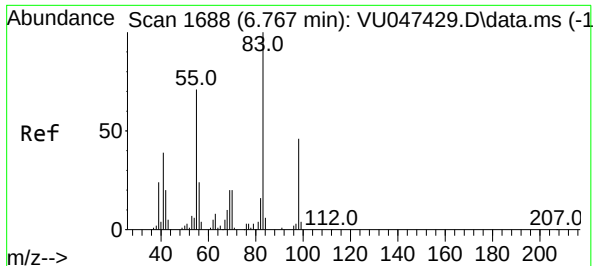
Delta R.T. 0.003 min

Lab File: VU047438.D

Acq: 10 Mar 2022 06:05

Tgt Ion: 78 Resp: 6479

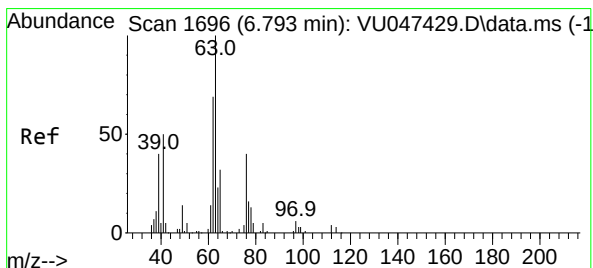
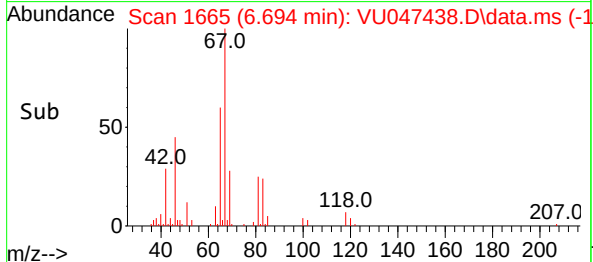
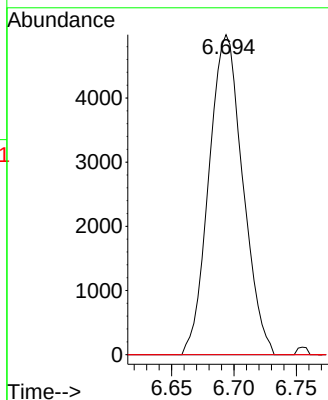
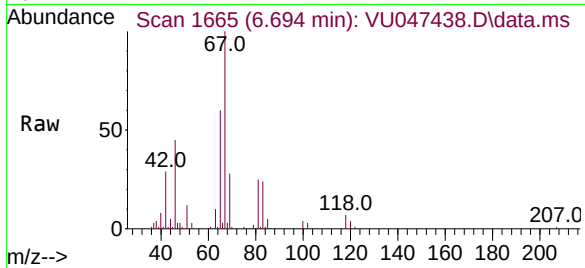




#35
Methylcyclohexane
Concen: 0.536 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU047438.D
Acq: 10 Mar 2022 06:05

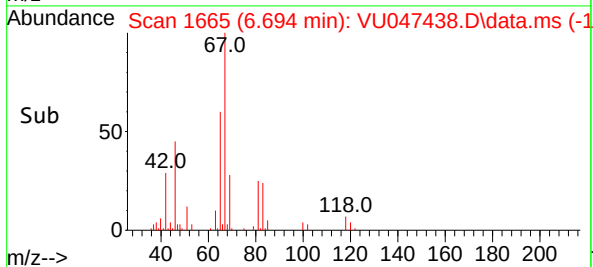
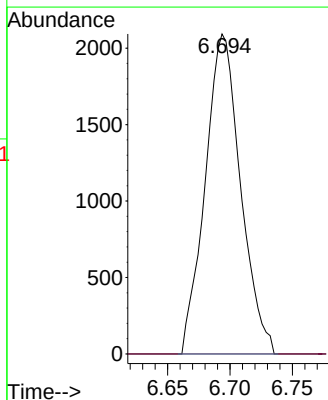
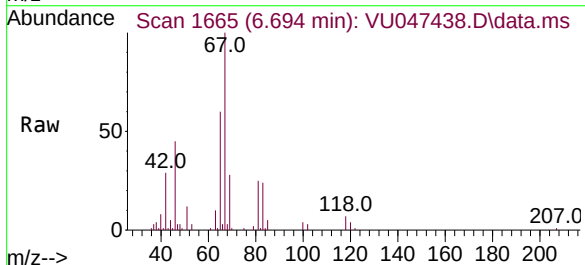
Instrument :
MSVOA_U
ClientSampleId :
ETNH7

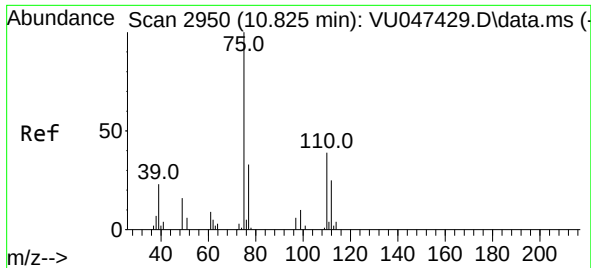
Tgt Ion: 83 Resp: 9419
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.0 38.0 57.0#



#37
1,2-Dichloropropane
Concen: 0.399 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU047438.D
Acq: 10 Mar 2022 06:05

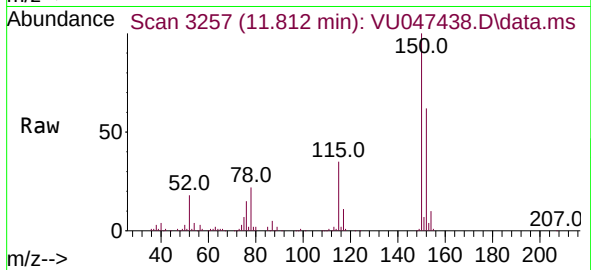
Tgt Ion: 63 Resp: 4137
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#61
 1,2,3-Trichloropropane
 Concen: 1.153 ug/L
 RT: 11.812 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU047438.D
 Acq: 10 Mar 2022 06:05

Instrument :
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Tgt Ion:	75	Resp:	8704
Ion	Ratio	Lower	Upper
75	100		
110	2.6	31.0	46.4#
77	32.7	26.2	39.4

