

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031623\
 Data File : VU053219.D
 Acq On : 16 Mar 2023 12:02
 Operator : JC/MD
 Sample : 01929-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF2

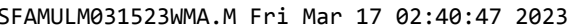
Quant Time: Mar 17 02:40:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 17 02:34:44 2023
 Response via : Initial Calibration

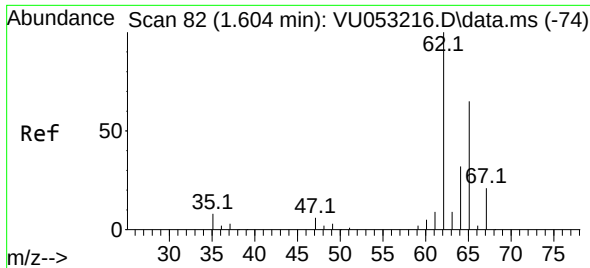
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	80414	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	75002	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	37491	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	47181	63.598	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	127.200%
7) Chloroethane-d5	1.916	69	39598	65.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	131.980%#
11) 1,1-Dichloroethene-d2	2.568	63	63418	49.347	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.700%
21) 2-Butanone-d5	4.620	46	57155	166.110	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	166.110%#
24) Chloroform-d	5.057	84	81787	66.935	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	133.860%#
26) 1,2-Dichloroethane-d4	5.697	65	54899	72.345	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	144.700%#
32) Benzene-d6	5.723	84	172295	70.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	141.640%#
36) 1,2-Dichloropropane-d6	6.684	67	57533	73.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	146.560%#
41) Toluene-d8	7.893	98	154198	68.080	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	136.160%#
43) trans-1,3-Dichloroprop...	8.176	79	27398	70.726	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	141.460%#
47) 2-Hexanone-d5	8.629	63	44745	182.286	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	182.290%#
56) 1,1,2,2-Tetrachloroeth...	10.751	84	78328	77.011	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	154.020%#
66) 1,2-Dichlorobenzene-d4	12.188	152	51367	70.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	141.520%#
Target Compounds						Qvalue
5) Vinyl chloride	1.604	62	1281	1.514	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-...	2.568	101	519	0.813	ug/L #	22
13) Acetone	2.633	43	2430	6.201	ug/L	87
20) cis-1,2-Dichloroethene	4.658	96	1204	1.711	ug/L	82
34) Trichloroethene	6.539	95	1219	1.798	ug/L	96
37) 1,2-Dichloropropane	6.684	63	6061	8.355	ug/L #	90
39) cis-1,3-Dichloropropene	7.562	75	1665	1.397	ug/L #	64
44) trans-1,3-Dichloropropene	8.173	75	1197	1.099	ug/L	97
60) 1,2,3-Trichloropropane	11.806	75	5745	7.712	ug/L #	70

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 17 02:34:44 2023
Response via : Initial Calibration

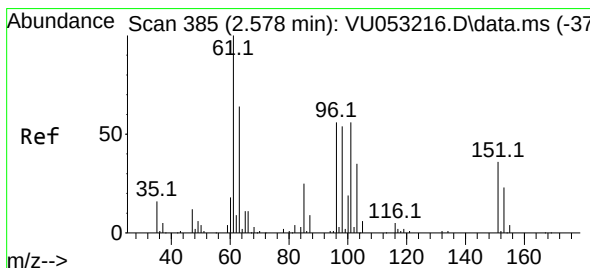
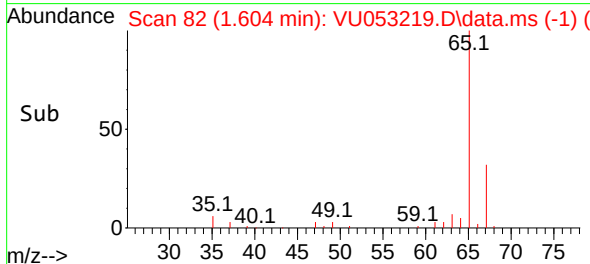
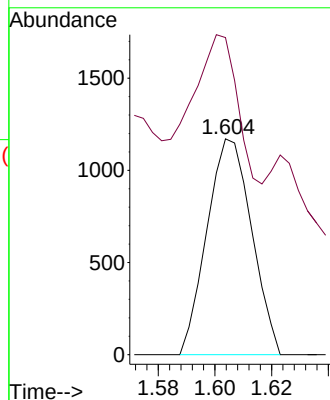
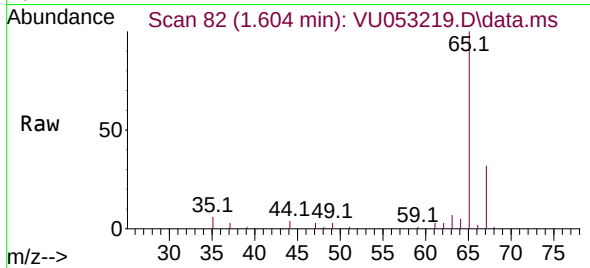




#5
 Vinyl chloride
 Concen: 1.514 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU053219.D
 Acq: 16 Mar 2023 12:02

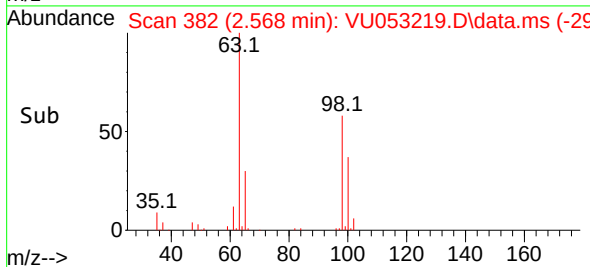
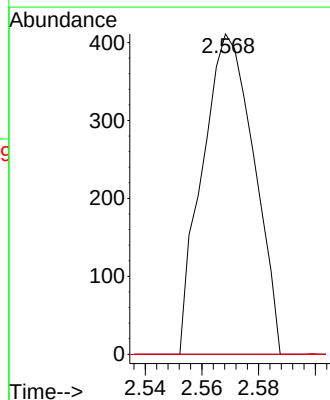
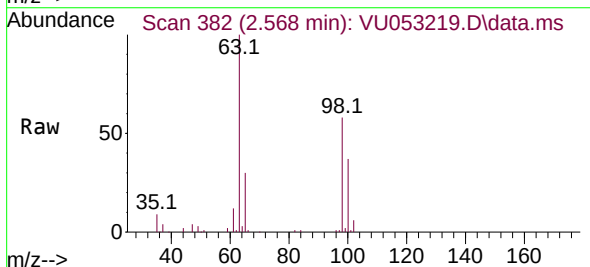
Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF2

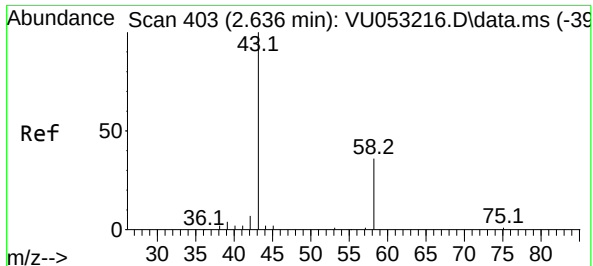
Tgt Ion: 62 Resp: 1281
 Ion Ratio Lower Upper
 62 100
 64 146.9 23.2 43.0#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.813 ug/L
 RT: 2.568 min Scan# 382
 Delta R.T. -0.010 min
 Lab File: VU053219.D
 Acq: 16 Mar 2023 12:02

Tgt Ion: 101 Resp: 519
 Ion Ratio Lower Upper
 101 100
 85 0.0 37.0 55.6#
 151 0.0 52.9 79.3#





#13

Acetone

Concen: 6.201 ug/L

RT: 2.633 min Scan# 403

Delta R.T. -0.003 min

Lab File: VU053219.D

Acq: 16 Mar 2023 12:02

Instrument :

MSVOA_U

ClientSampleId :

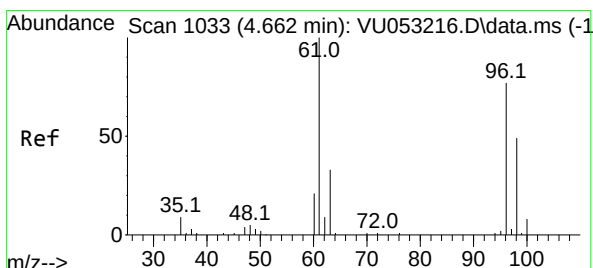
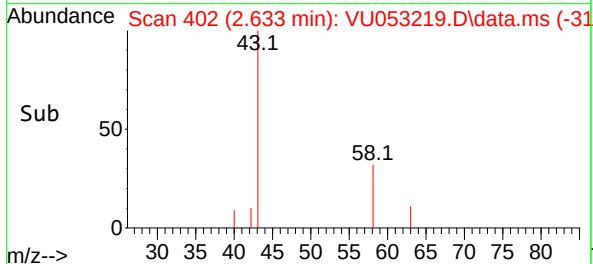
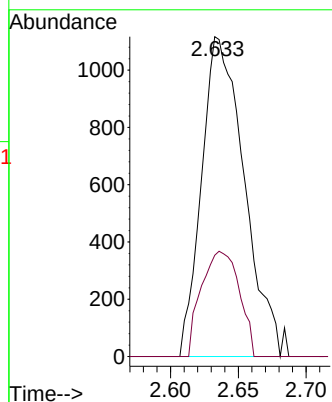
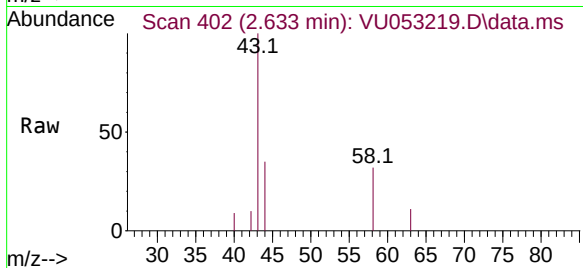
EYFF2

Tgt Ion: 43 Resp: 2430

Ion Ratio Lower Upper

43 100

58 29.4 0.0 75.0



#20

cis-1,2-Dichloroethene

Concen: 1.711 ug/L

RT: 4.658 min Scan# 1032

Delta R.T. -0.003 min

Lab File: VU053219.D

Acq: 16 Mar 2023 12:02

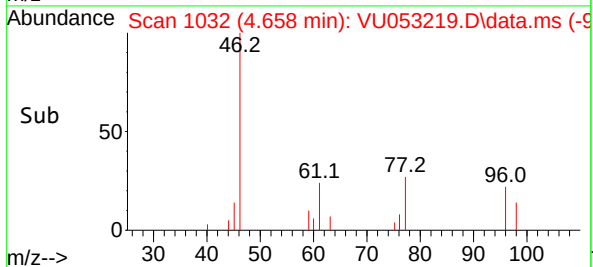
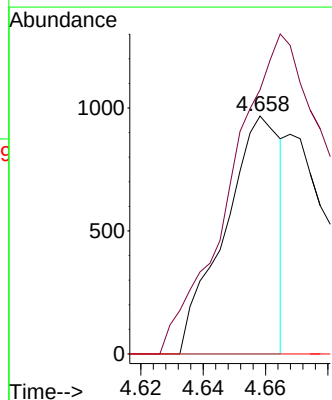
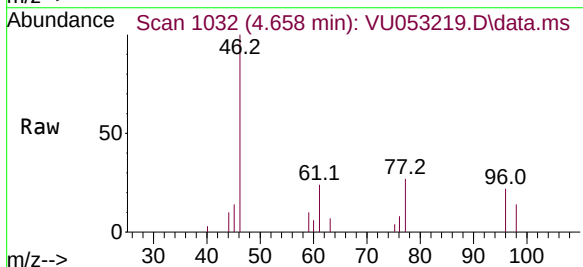
Tgt Ion: 96 Resp: 1204

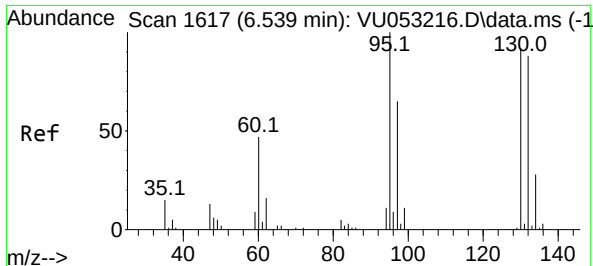
Ion Ratio Lower Upper

96 100

61 111.1 92.5 171.7

68 0.0 0.0 0.0



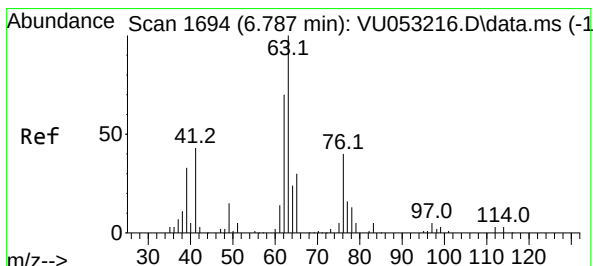
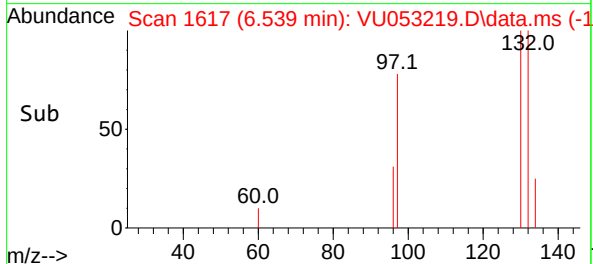
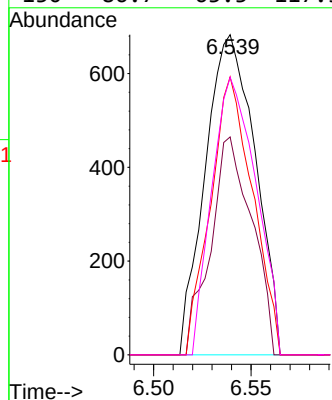
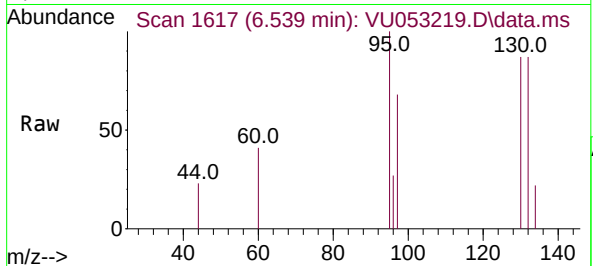


#34
Trichloroethene
Concen: 1.798 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU053219.D
Acq: 16 Mar 2023 12:02

Instrument :
MSVOA_U
ClientSampleId :
EYFF2

Tgt Ion: 95 Resp: 1219

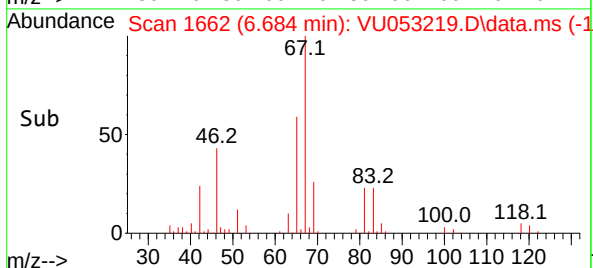
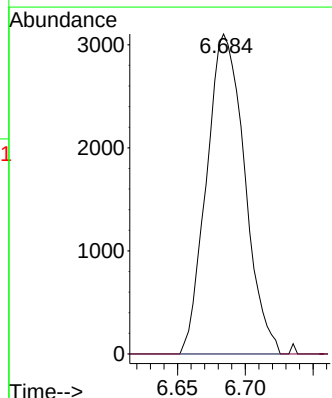
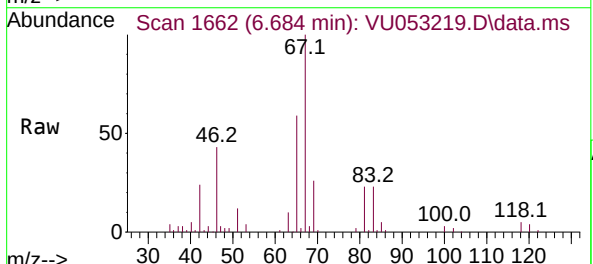
Ion	Ratio	Lower	Upper
95	100		
97	68.1	43.8	81.3
132	86.8	61.5	114.3
130	86.7	63.3	117.5

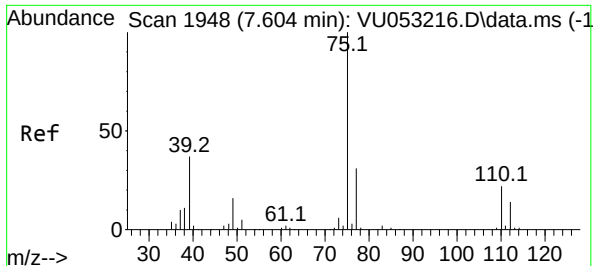


#37
1,2-Dichloropropane
Concen: 8.355 ug/L
RT: 6.684 min Scan# 1662
Delta R.T. -0.103 min
Lab File: VU053219.D
Acq: 16 Mar 2023 12:02

Tgt Ion: 63 Resp: 6061

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.6	3.8





#39

cis-1,3-Dichloropropene

Concen: 1.397 ug/L

RT: 7.562 min Scan# 1948

Delta R.T. -0.042 min

Lab File: VU053219.D

Acq: 16 Mar 2023 12:02

Instrument :

MSVOA_U

ClientSampleId :

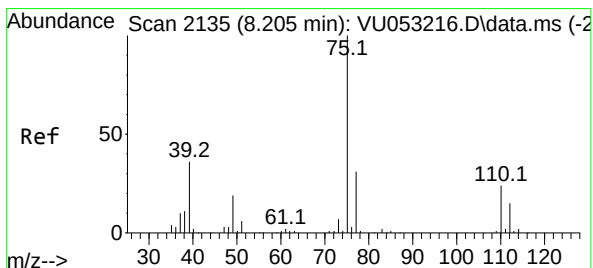
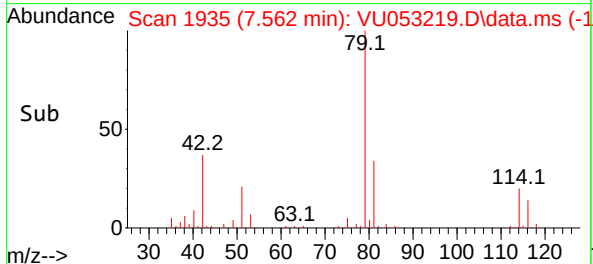
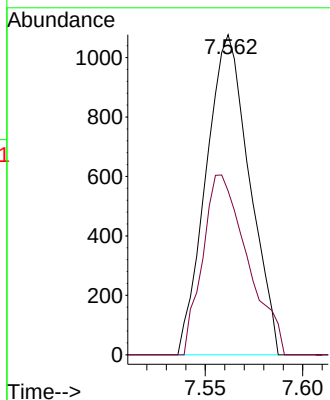
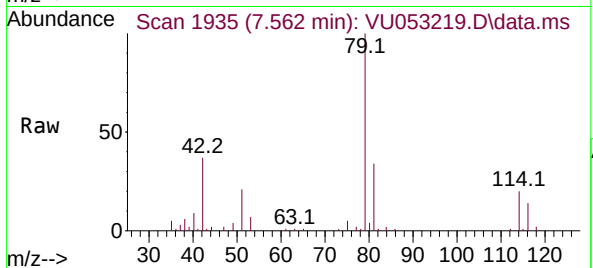
EYFF2

Tgt Ion: 75 Resp: 1665

Ion Ratio Lower Upper

75 100

77 51.2 21.9 40.7#



#44

trans-1,3-Dichloropropene

Concen: 1.099 ug/L

RT: 8.173 min Scan# 2125

Delta R.T. -0.032 min

Lab File: VU053219.D

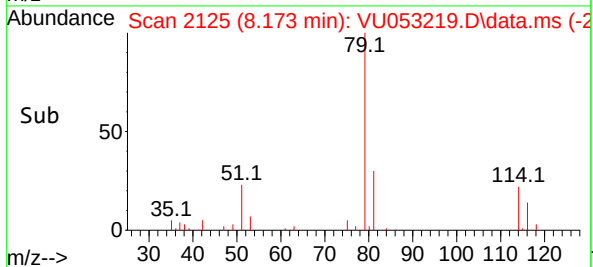
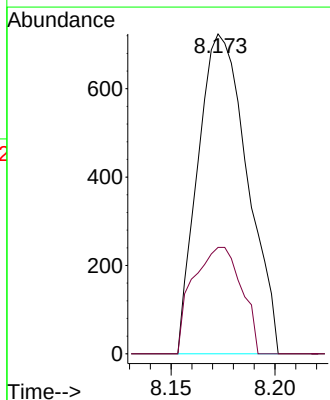
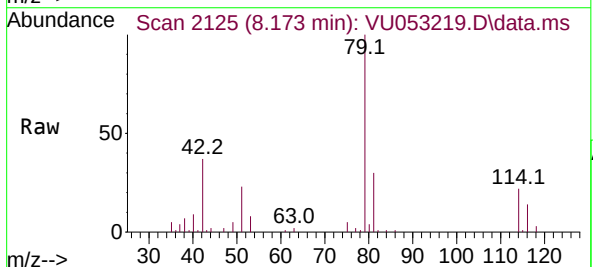
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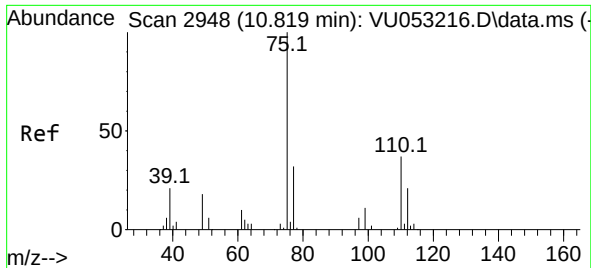
Tgt Ion: 75 Resp: 1197

Ion Ratio Lower Upper

75 100

77 33.3 22.0 40.8





#60
 1,2,3-Trichloropropane
 Concen: 7.712 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU053219.D
 Acq: 16 Mar 2023 12:02

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFF2

Tgt Ion: 75 Resp: 5745
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.6 40.0
 110 1.6 28.6 42.8#

