

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081222\
 Data File : VW027311.D
 Acq On : 12 Aug 2022 05:36
 Operator : SY/MD
 Sample : NN4162-14
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 12 06:45:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Aug 12 02:11:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	149662	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	164393	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66041	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69785	5.367	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.400%
7) Chloroethane-d5	1.564	69	51730	5.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.600%
11) 1,1-Dichloroethene-d2	2.101	63	86472	3.667	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.400%
20) 2-Butanone-d5	3.889	46	85832	38.978	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.960%
24) Chloroform-d	4.342	84	125574	5.266	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.400%
26) 1,2-Dichloroethane-d4	5.027	65	59174	5.209	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.047	84	234427	4.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.066	67	80201	5.349	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.000%
41) Toluene-d8	7.313	98	196519	4.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	7.622	79	22293	4.292	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.088	63	83724	41.654	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.300%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	48679	4.488	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	62615	5.493	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.800%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1473	0.083	ug/L	94
12) 1,1-Dichloroethene	2.108	96	1232	0.114	ug/L #	1
18) trans-1,2-Dichloroethene	2.757	96	16994	1.282	ug/L	98
19) 1,1-Dichloroethane	3.185	63	21561	0.850	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	140434	10.773	ug/L	99
29) 1,1,1-Trichloroethane	4.603	97	22026	0.952	ug/L	97
31) Carbon tetrachloride	4.603	117	3154	0.157	ug/L	90
33) Benzene	5.104	78	7741	0.138	ug/L	100
34) Trichloroethene	5.908	95	312432	22.339	ug/L	99
35) Methylcyclohexane	6.066	83	18440	0.958	ug/L #	18
37) 1,2-Dichloropropane	6.066	63	8964	0.645	ug/L #	86
44) trans-1,3-Dichloropropene	7.625	75	1190	0.080	ug/L #	58
47) Tetrachloroethene	7.982	164	696	0.063	ug/L	92
49) Dibromochloromethane	7.982	129	825	0.071	ug/L #	10
60) Isopropylbenzene	9.931	105	6484	0.156	ug/L #	94
61) 1,2,3-Trichloropropane	11.249	75	8484	1.334	ug/L #	67

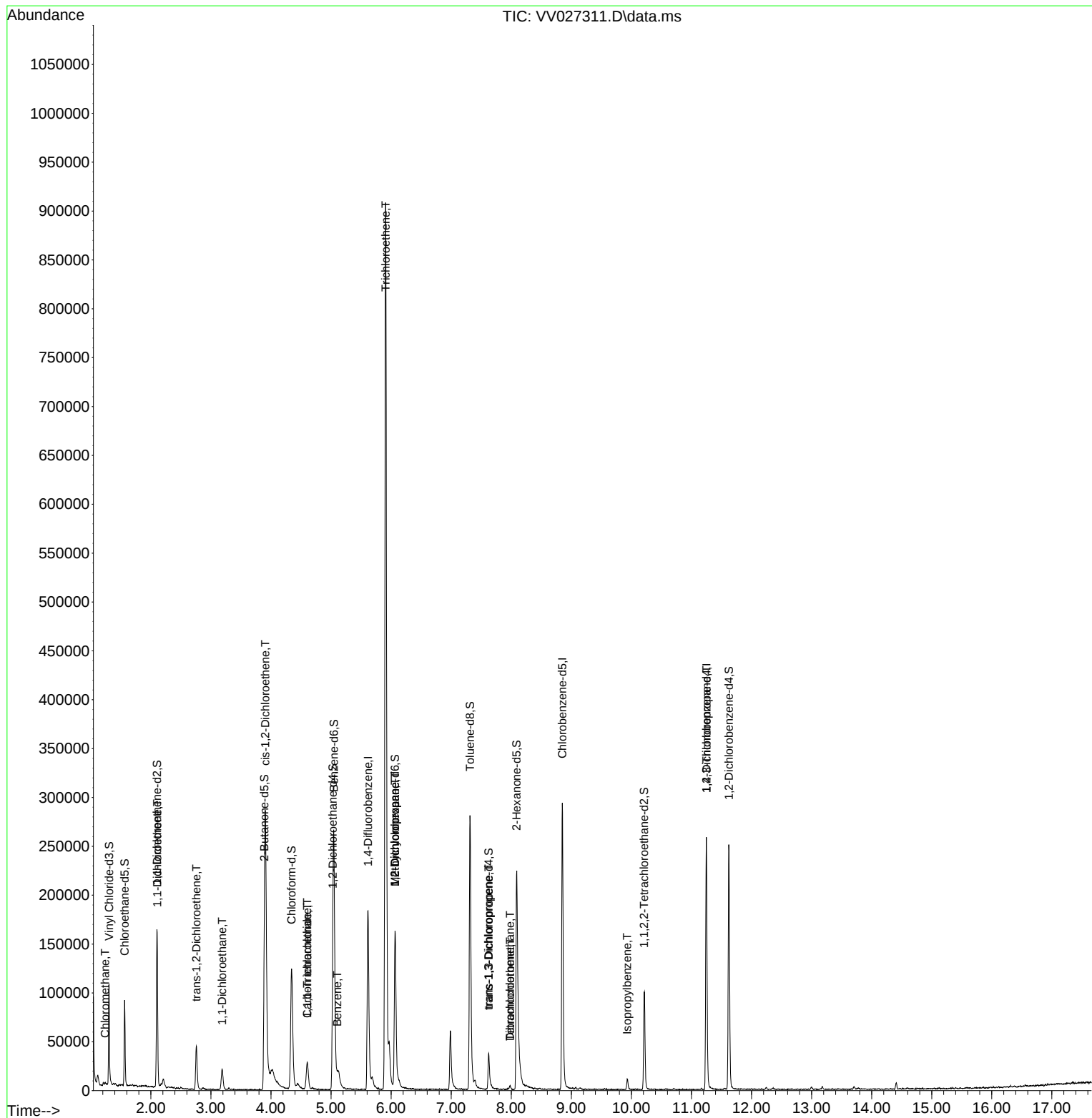
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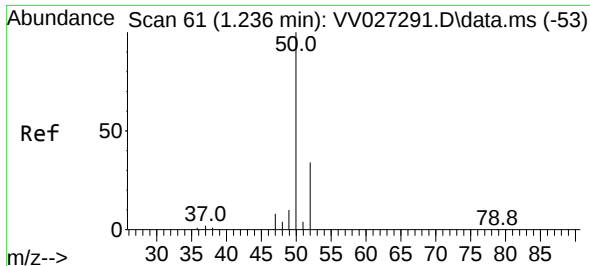
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081222\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Aug 12 02:11:44 2022
Response via : Initial Calibration

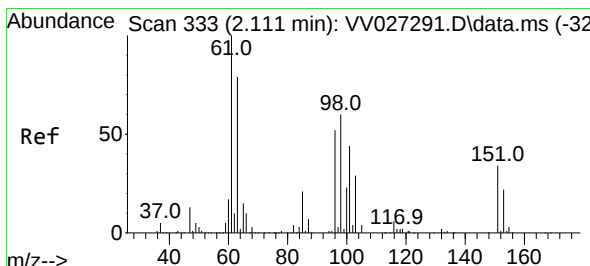
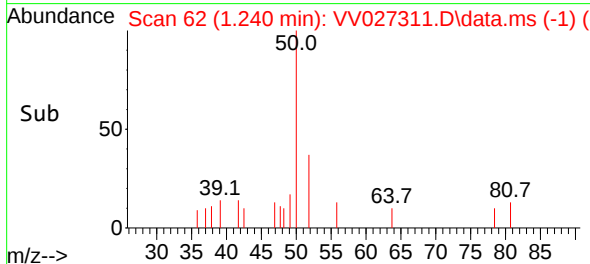
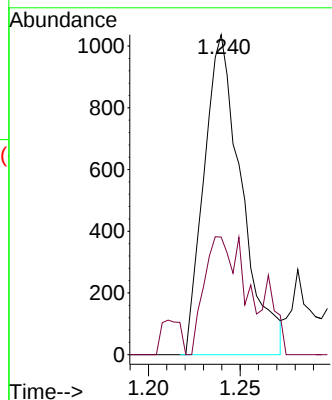
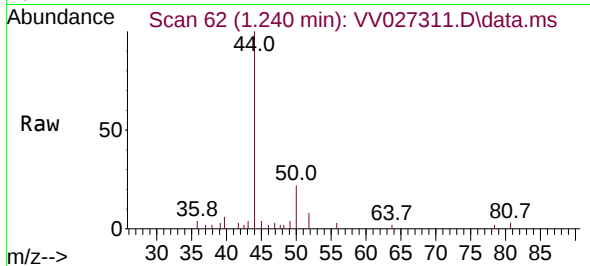




#3
Chloromethane
Concen: 0.083 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV027311.D
Acq: 12 Aug 2022 05:36

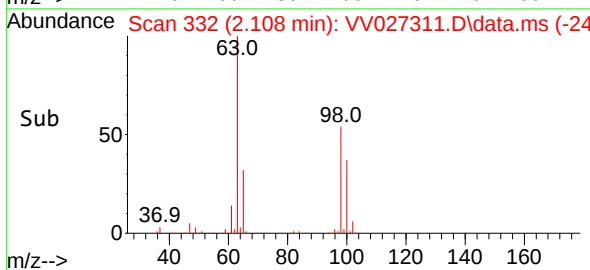
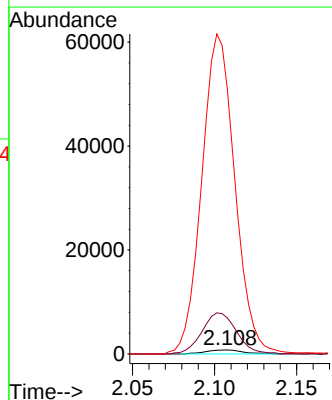
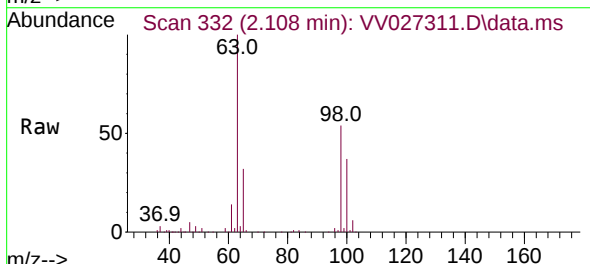
Instrument :
MSVOA_V
ClientSampleId :

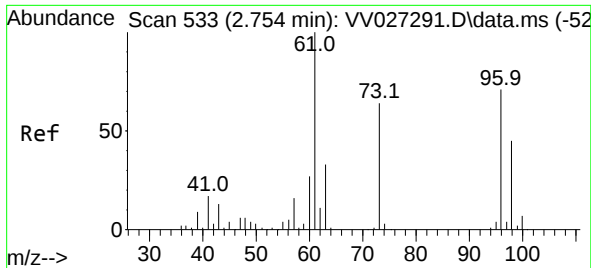
Tgt Ion: 50 Resp: 1473
Ion Ratio Lower Upper
50 100
52 36.7 23.4 43.4



#12
1,1-Dichloroethene
Concen: 0.114 ug/L
RT: 2.108 min Scan# 332
Delta R.T. -0.003 min
Lab File: VV027311.D
Acq: 12 Aug 2022 05:36

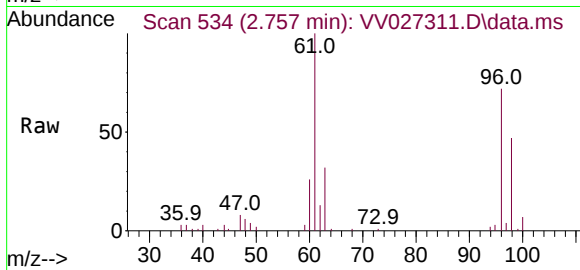
Tgt Ion: 96 Resp: 1232
Ion Ratio Lower Upper
96 100
61 902.2 130.7 242.7#
63 6621.9 101.4 188.2#





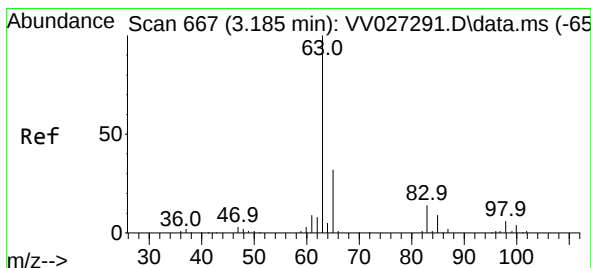
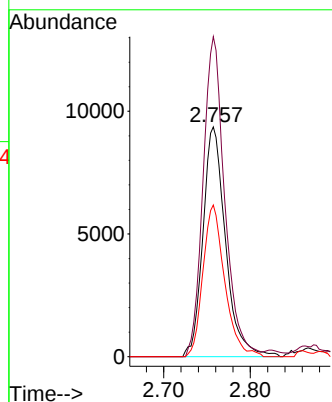
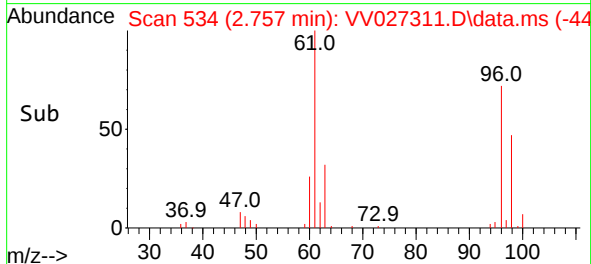
#18
trans-1,2-Dichloroethene
Concen: 1.282 ug/L
RT: 2.757 min Scan# 511
Delta R.T. 0.003 min
Lab File: VV027311.D
Acq: 12 Aug 2022 05:36

Instrument :
MSVOA_V
ClientSampleId :

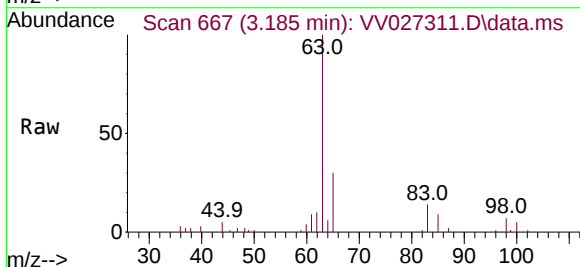


Tgt Ion: 96 Resp: 16994

Ion	Ratio	Lower	Upper
96	100		
61	139.2	99.6	185.0
98	66.0	45.1	83.7

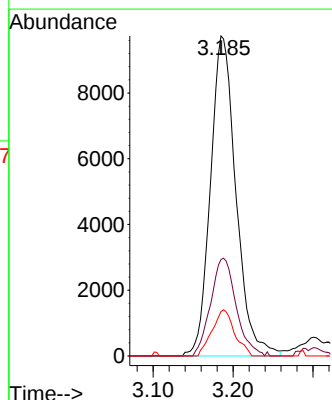
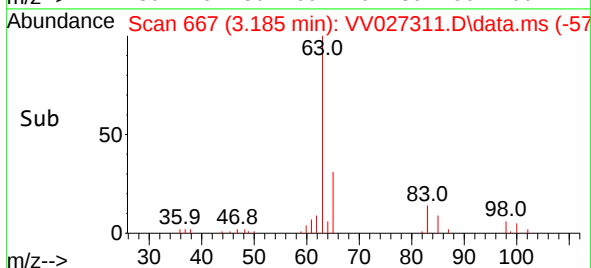


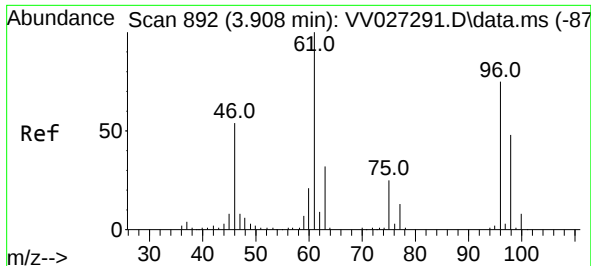
#19
1,1-Dichloroethane
Concen: 0.850 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.000 min
Lab File: VV027311.D
Acq: 12 Aug 2022 05:36



Tgt Ion: 63 Resp: 21561

Ion	Ratio	Lower	Upper
63	100		
65	30.2	21.6	40.2
83	13.9	9.3	17.3





#22

cis-1,2-Dichloroethene

Concen: 10.773 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.003 min

Lab File: VV027311.D

Acq: 12 Aug 2022 05:36

Instrument :

MSVOA_V

ClientSampleId :

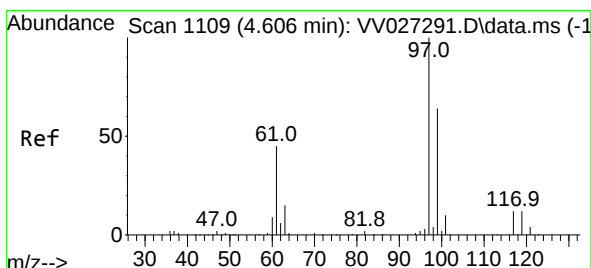
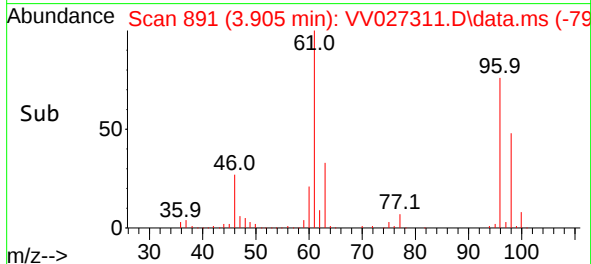
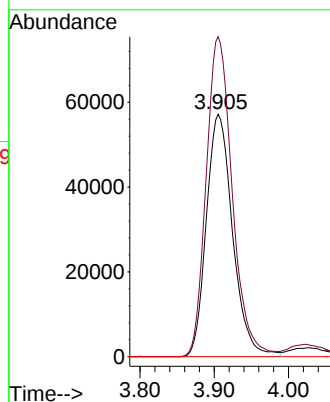
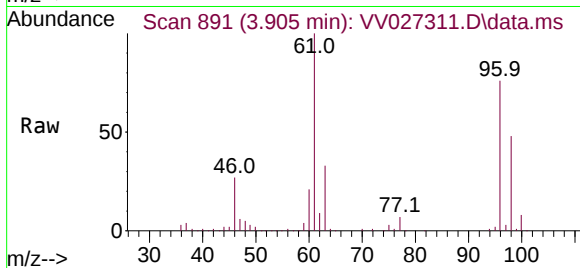
Tgt Ion: 96 Resp: 140434

Ion Ratio Lower Upper

96 100

61 132.0 91.3 169.5

68 0.0 0.0 0.0



#29

1,1,1-Trichloroethane

Concen: 0.952 ug/L

RT: 4.603 min Scan# 1108

Delta R.T. -0.003 min

Lab File: VV027311.D

Acq: 12 Aug 2022 05:36

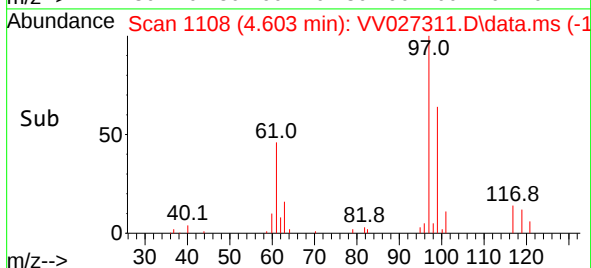
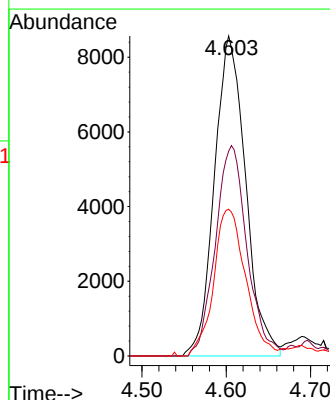
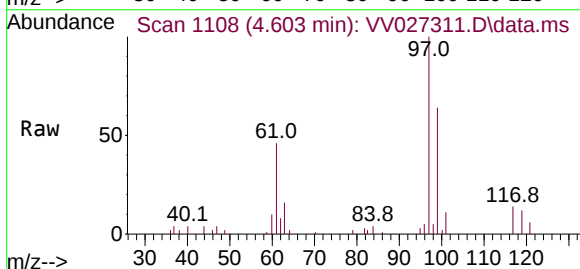
Tgt Ion: 97 Resp: 22026

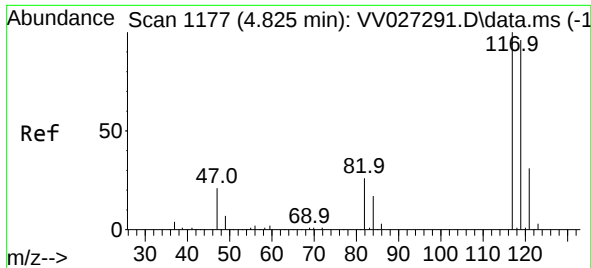
Ion Ratio Lower Upper

97 100

99 66.8 50.8 76.2

61 46.9 36.5 54.7

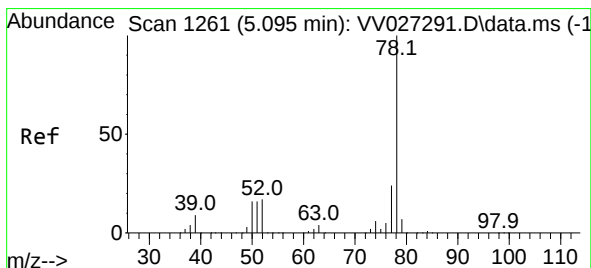
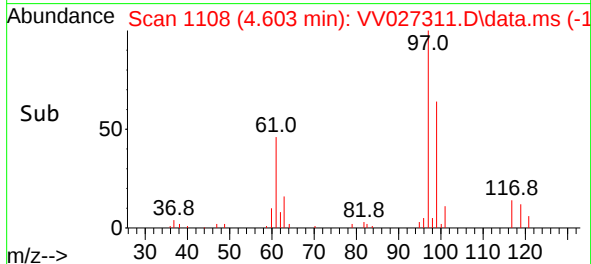
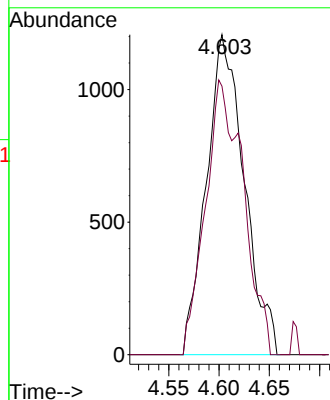
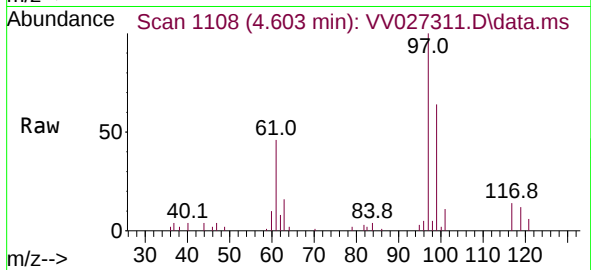




#31
Carbon tetrachloride
Concen: 0.157 ug/L
RT: 4.603 min Scan# 1177
Delta R.T. -0.222 min
Lab File: VV027311.D
Acq: 12 Aug 2022 05:36

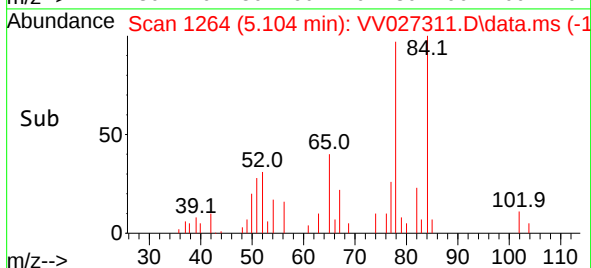
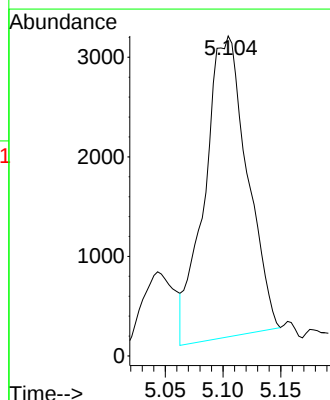
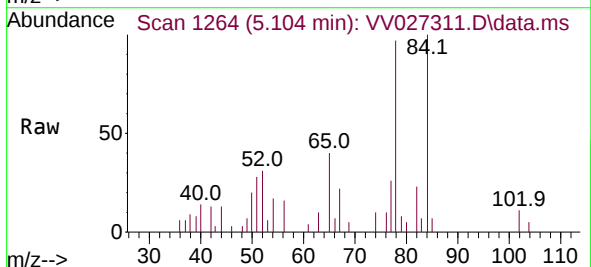
Instrument :
MSVOA_V
ClientSampleId :

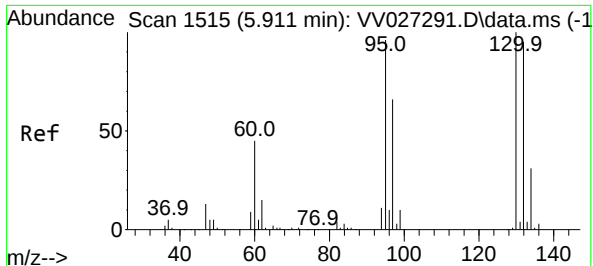
Tgt Ion:117 Resp: 3154
Ion Ratio Lower Upper
117 100
119 86.3 76.6 115.0



#33
Benzene
Concen: 0.138 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.010 min
Lab File: VV027311.D
Acq: 12 Aug 2022 05:36

Tgt Ion: 78 Resp: 7741





#34

Trichloroethene

Concen: 22.339 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV027311.D

Acq: 12 Aug 2022 05:36

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 95 Resp: 312432

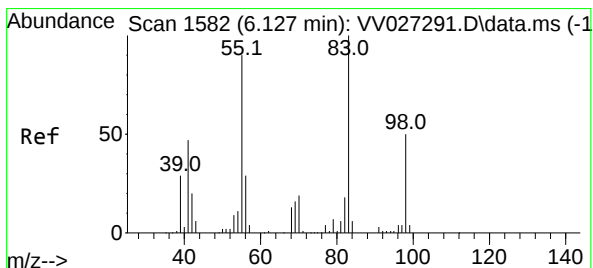
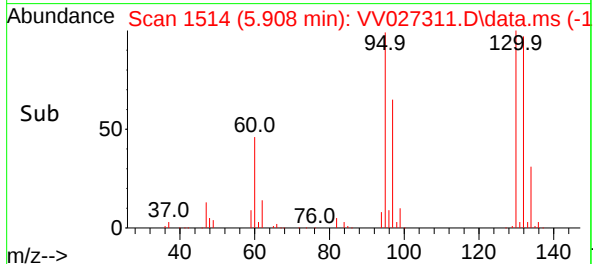
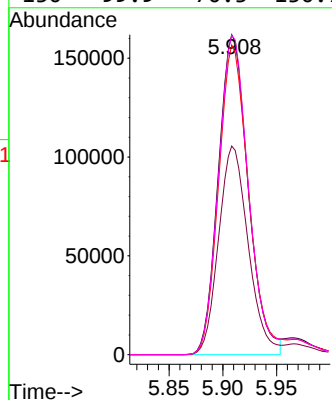
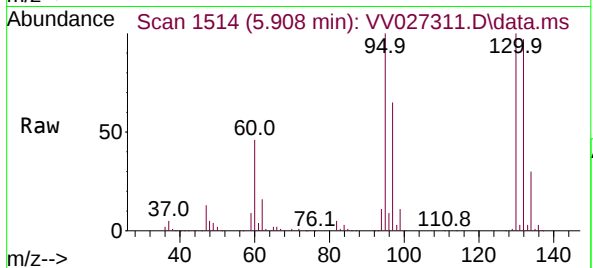
Ion Ratio Lower Upper

95 100

97 65.2 45.5 84.5

132 96.8 68.2 126.6

130 99.9 70.3 130.7



#35

Methylcyclohexane

Concen: 0.958 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV027311.D

Acq: 12 Aug 2022 05:36

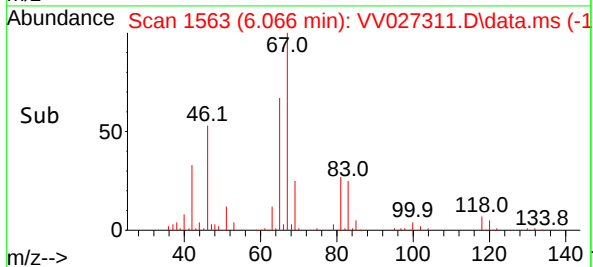
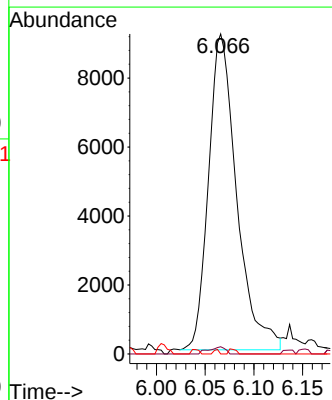
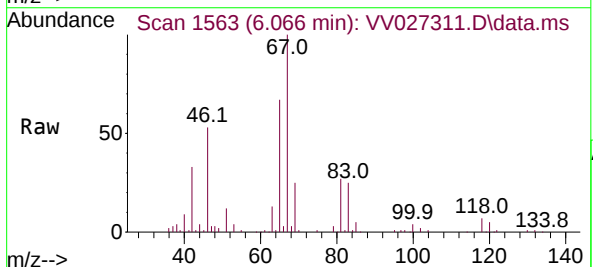
Tgt Ion: 83 Resp: 18440

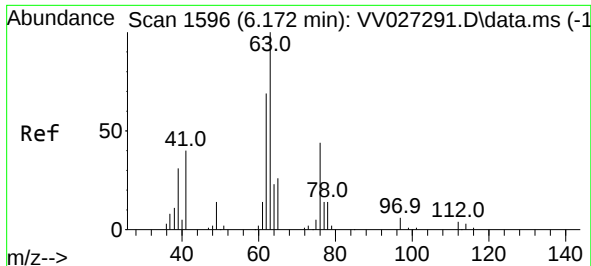
Ion Ratio Lower Upper

83 100

55 1.3 67.0 100.6#

98 2.7 38.7 58.1#





#37

1,2-Dichloropropane

Concen: 0.645 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.106 min

Lab File: VV027311.D

Acq: 12 Aug 2022 05:36

Instrument :

MSVOA_V

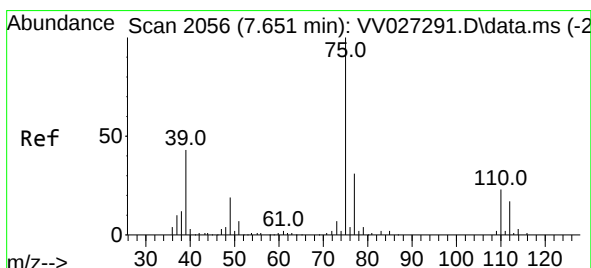
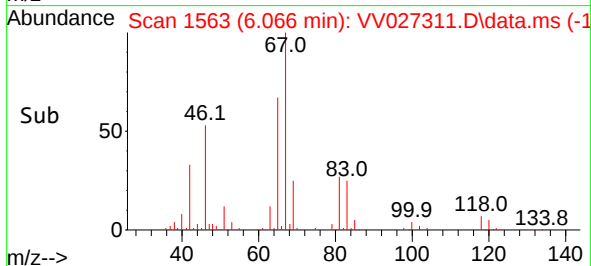
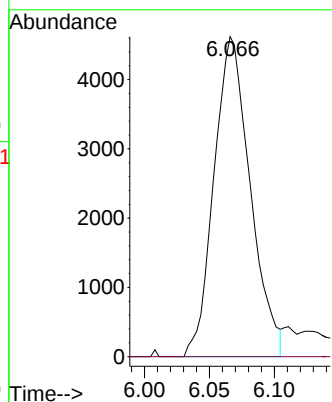
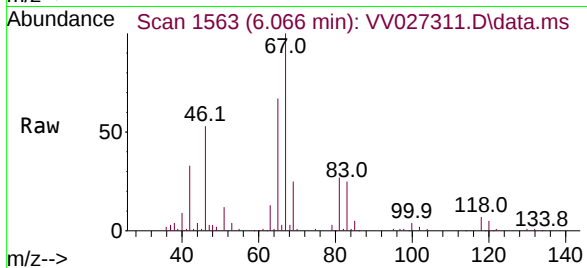
ClientSampleId :

Tgt Ion: 63 Resp: 8964

Ion Ratio Lower Upper

63 100

112 0.2 4.0 6.0#



#44

trans-1,3-Dichloropropene

Concen: 0.080 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.026 min

Lab File: VV027311.D

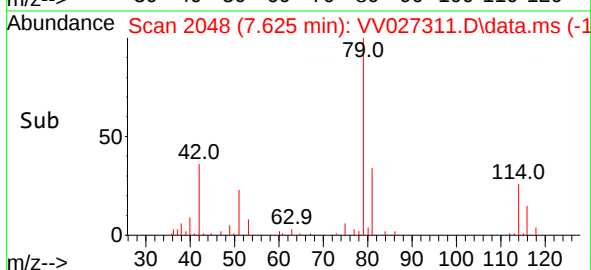
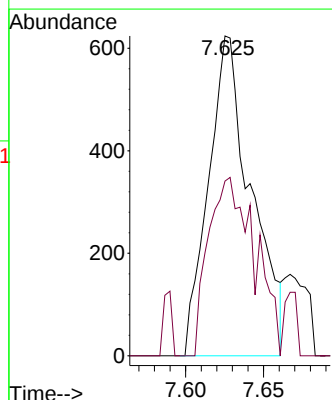
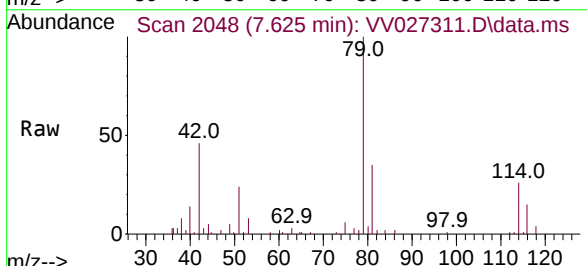
Acq: 12 Aug 2022 05:36

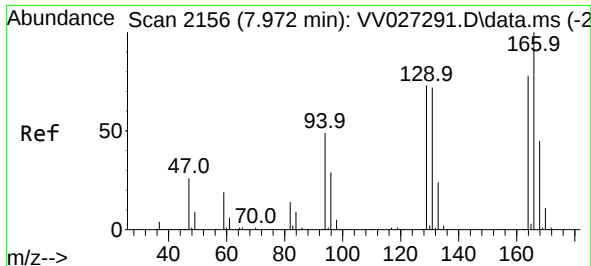
Tgt Ion: 75 Resp: 1190

Ion Ratio Lower Upper

75 100

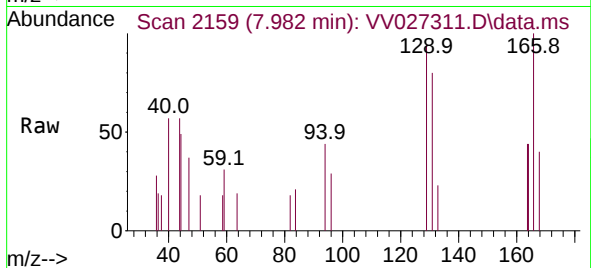
77 54.6 21.9 40.7#



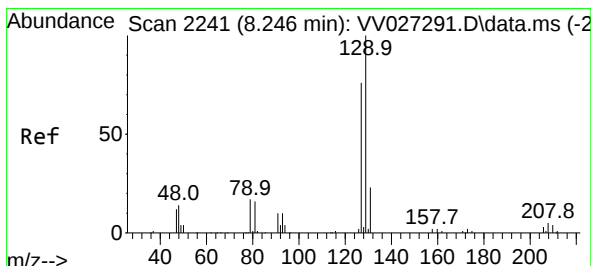
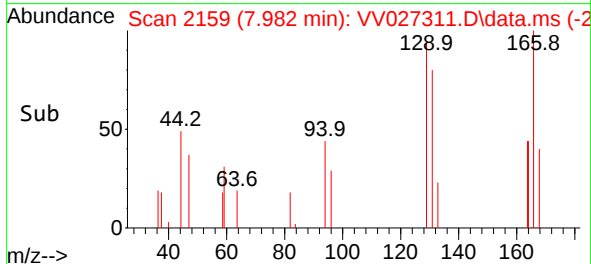
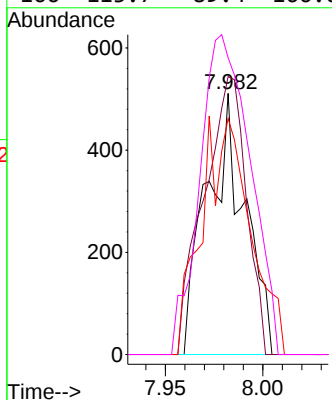


#47
Tetrachloroethene
Concen: 0.063 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. 0.010 min
Lab File: VV027311.D
Acq: 12 Aug 2022 05:36

Instrument :
MSVOA_V
ClientSampleId :

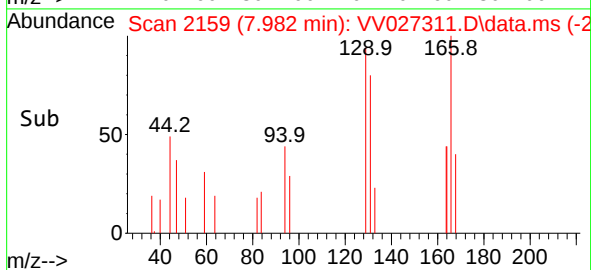
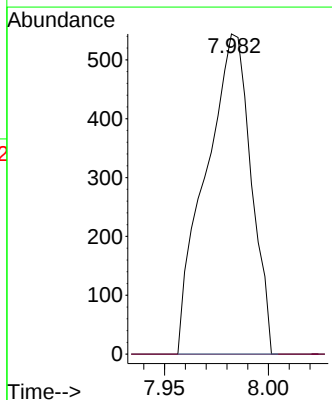
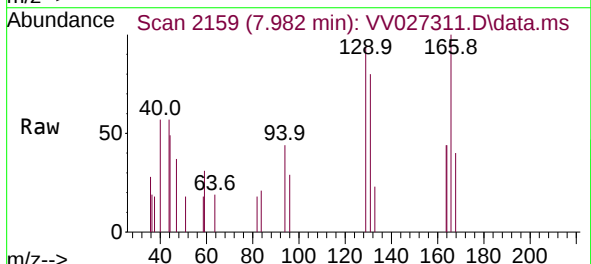


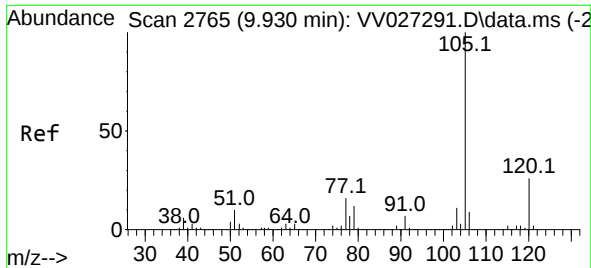
Tgt	Ion:164	Resp:	696
Ion	Ratio	Lower	Upper
164	100		
129	106.5	69.0	128.1
131	90.4	64.7	120.1
166	113.7	89.4	166.0



#49
Dibromochloromethane
Concen: 0.071 ug/L
RT: 7.982 min Scan# 2159
Delta R.T. -0.263 min
Lab File: VV027311.D
Acq: 12 Aug 2022 05:36

Tgt Ion:129	Resp:	825	
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.5	101.3#

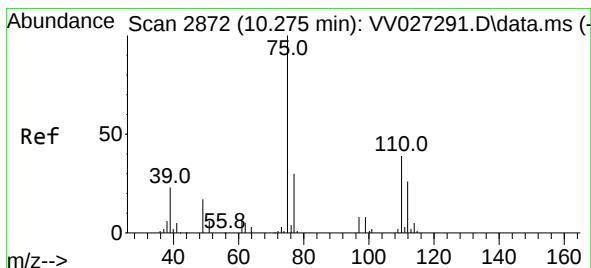
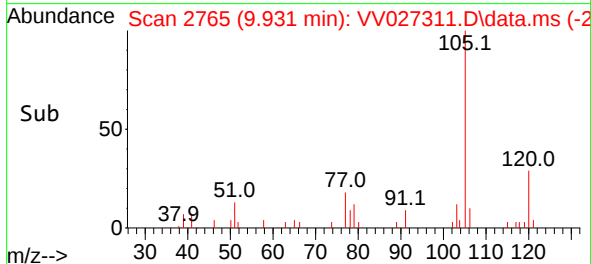
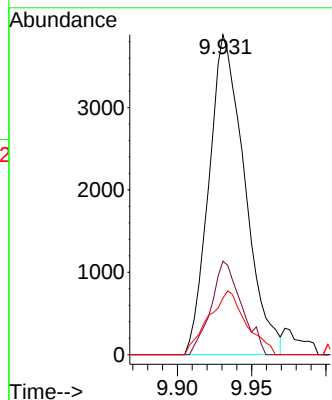
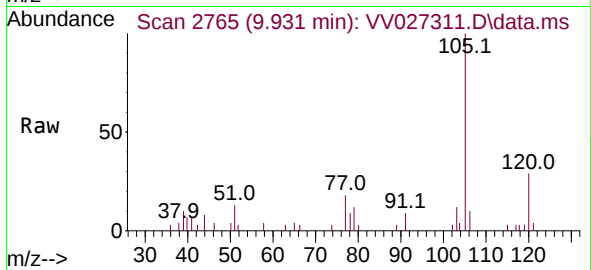




#60
Isopropylbenzene
Concen: 0.156 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV027311.D
Acq: 12 Aug 2022 05:36

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 6484
Ion Ratio Lower Upper
105 100
120 25.0 21.0 31.4
77 21.0 13.2 19.8#



#61
1,2,3-Trichloropropane
Concen: 1.334 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV027311.D
Acq: 12 Aug 2022 05:36

Tgt Ion: 75 Resp: 8484
Ion Ratio Lower Upper
75 100
77 33.2 26.6 39.8
110 1.2 31.0 46.6#

