

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100322\
 Data File : VW028280.D
 Acq On : 03 Oct 2022 15:57
 Operator : SY/MD
 Sample : N4870-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 04 02:44:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 04 02:28:45 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	226988	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	228373	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	110217	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	77544	4.547	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.000%	
7) Chloroethane-d5	1.561	69	58068	4.022	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.400%	
11) 1,1-Dichloroethene-d2	2.101	63	96424	3.000	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.000%	
20) 2-Butanone-d5	3.908	46	121088	41.961	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	83.920%	
24) Chloroform-d	4.343	84	135098	4.372	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
26) 1,2-Dichloroethane-d4	5.027	65	62781	4.383	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.600%	
32) Benzene-d6	5.043	84	267156	4.264	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	85.200%	
36) 1,2-Dichloropropane-d6	6.066	67	83607	4.652	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.000%	
41) Toluene-d8	7.310	98	225313	3.911	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.200%	
43) trans-1,3-Dichloroprop...	7.622	79	23376	3.415	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.400%	
46) 2-Hexanone-d5	8.088	63	125773	44.894	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.780%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	59210	4.347	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	83549	4.405	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	88.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.327	50	17513	1.012	ug/L #	40
5) Vinyl chloride	1.304	62	1512	0.078	ug/L #	1
8) Chloroethane	1.359	64	666569	51.332	ug/L #	50
14) Carbon disulfide	2.288	76	18344	0.362	ug/L #	94
18) trans-1,2-Dichloroethene	2.757	96	2564	0.151	ug/L	94
22) cis-1,2-Dichloroethene	3.905	96	1430	0.084	ug/L	78
27) 1,2-Dichloroethane	5.143	62	3059	0.180	ug/L #	79
34) Trichloroethene	5.912	95	34198	2.009	ug/L	92
35) Methylcyclohexane	6.066	83	20068	0.722	ug/L #	16
37) 1,2-Dichloropropane	6.066	63	8583	0.545	ug/L #	87
39) cis-1,3-Dichloropropene	6.986	75	1651	0.073	ug/L #	37
47) Tetrachloroethene	7.969	164	135533	9.110	ug/L	98
49) Dibromochloromethane	7.969	129	119390	8.077	ug/L #	11
54) o-Xylene	9.548	106	1867	0.066	ug/L	73
60) Isopropylbenzene	9.931	105	7818	0.116	ug/L	99
61) 1,2,3-Trichloropropane	11.246	75	10804	1.270	ug/L #	68

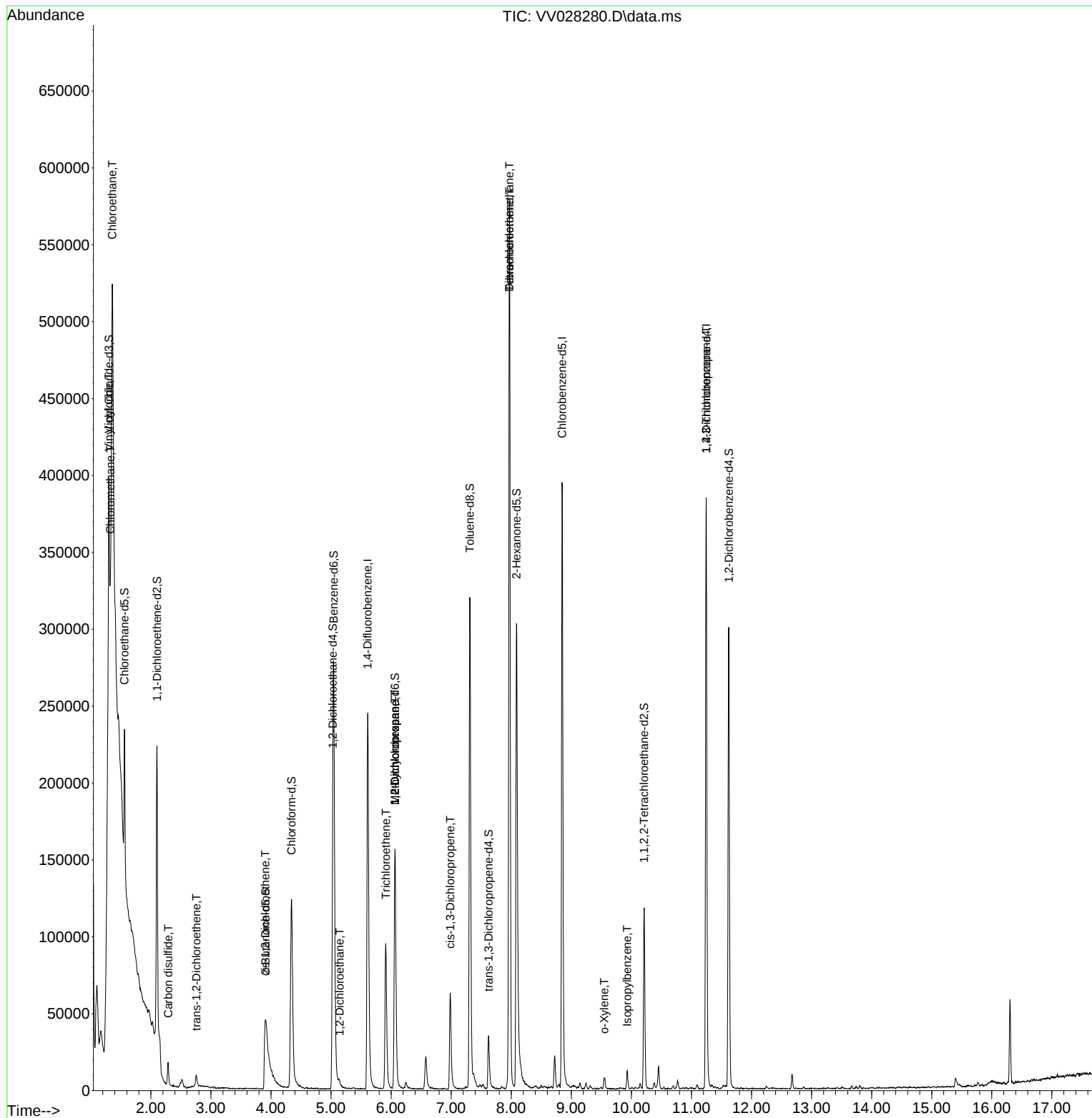
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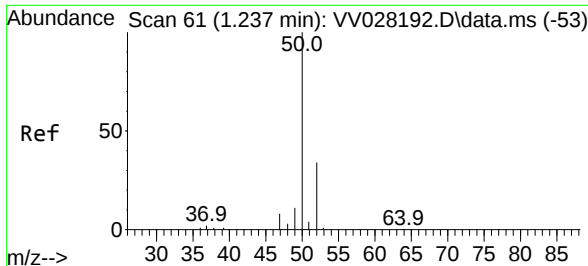
Instrument :
MSVOA_V
ClientSampleId :

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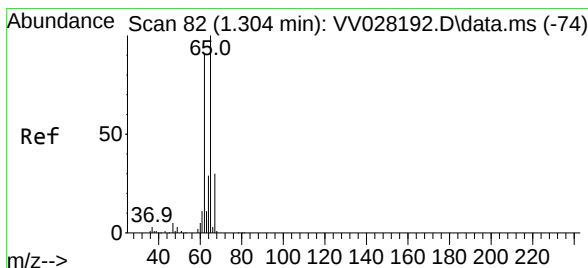
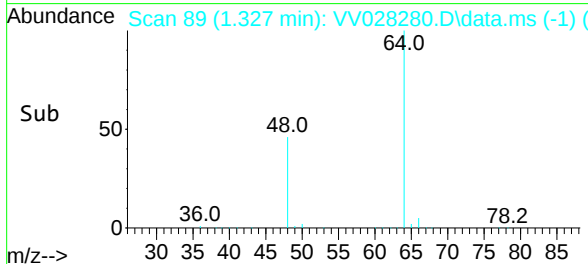
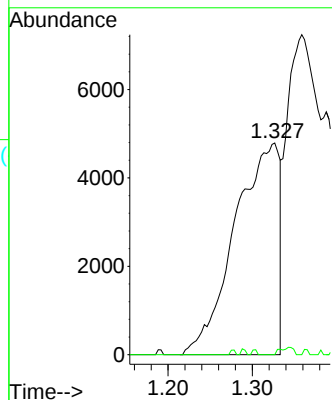
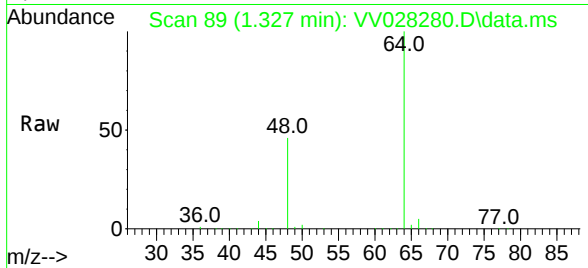




#3
Chloromethane
Concen: 1.012 ug/L
RT: 1.327 min Scan# 89
Delta R.T. 0.090 min
Lab File: VV028280.D
Acq: 03 Oct 2022 15:57

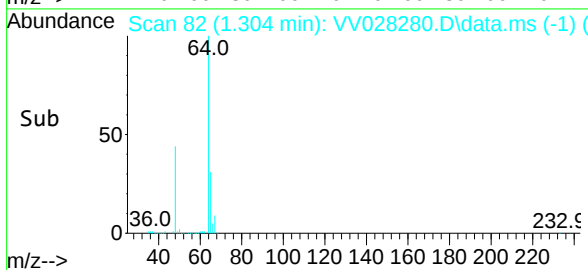
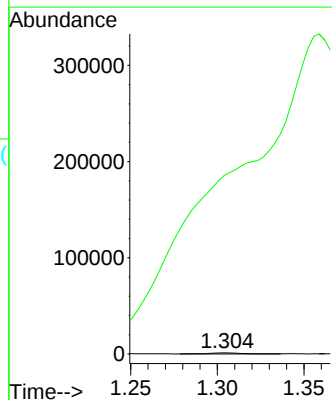
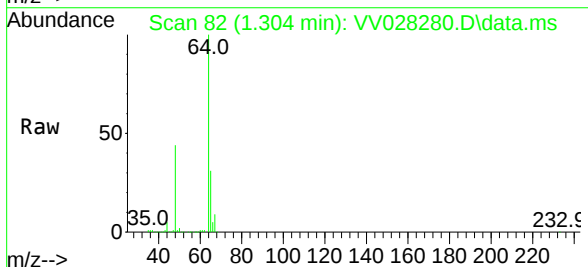
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MSVOA_V
ClientSampleId :

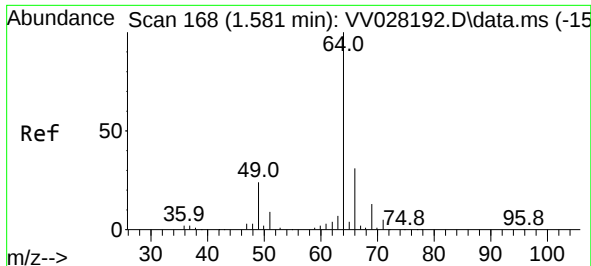
Tgt Ion: 50 Resp: 17513
Ion Ratio Lower Upper
50 100
52 0.0 24.4 45.2#



#5
Vinyl chloride
Concen: 0.078 ug/L
RT: 1.304 min Scan# 82
Delta R.T. 0.000 min
Lab File: VV028280.D
Acq: 03 Oct 2022 15:57

Tgt Ion: 62 Resp: 1512
Ion Ratio Lower Upper
62 100
64 16105.4 23.0 42.8#

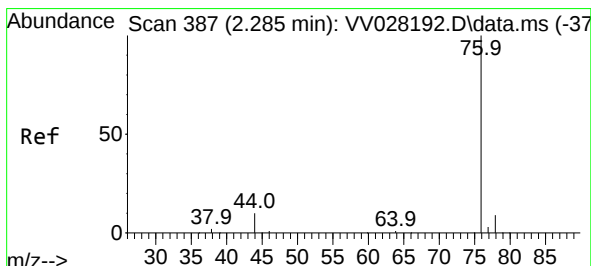
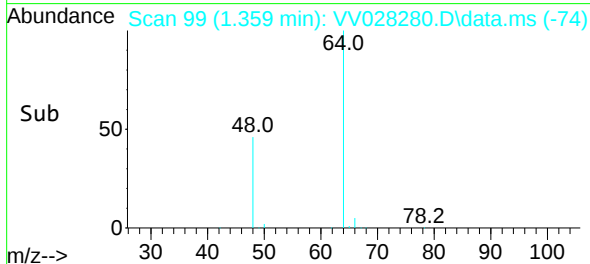
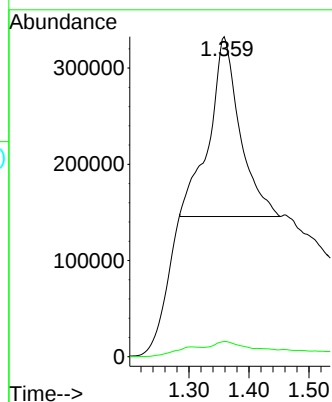
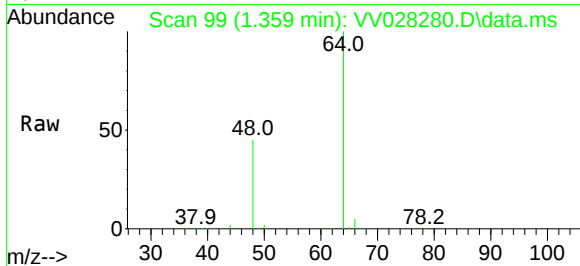




#8
Chloroethane
Concen: 51.332 ug/L
RT: 1.359 min Scan# 99
Delta R.T. -0.218 min
Lab File: VV028280.D
Acq: 03 Oct 2022 15:57

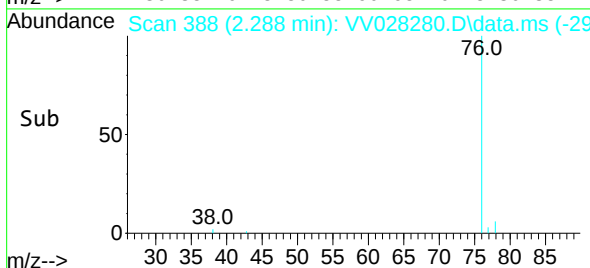
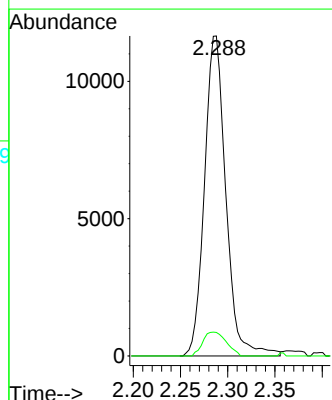
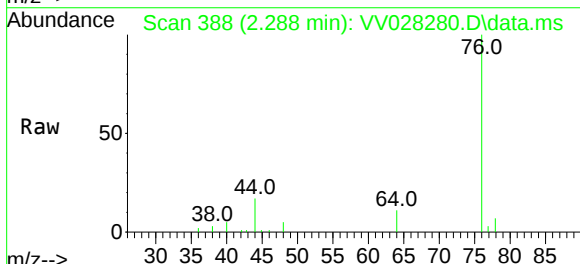
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MSVOA_V
ClientSampleId :

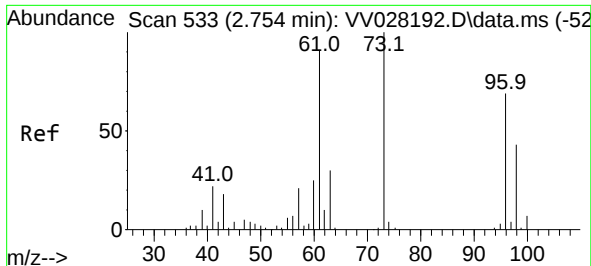
Tgt Ion: 64 Resp: 666569
Ion Ratio Lower Upper
64 100
66 4.8 23.0 42.8#



#14
Carbon disulfide
Concen: 0.362 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV028280.D
Acq: 03 Oct 2022 15:57

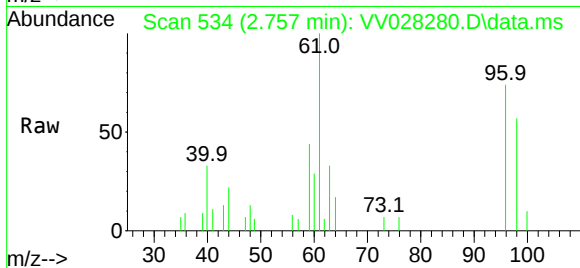
Tgt Ion: 76 Resp: 18344
Ion Ratio Lower Upper
76 100
78 7.3 7.6 11.4#





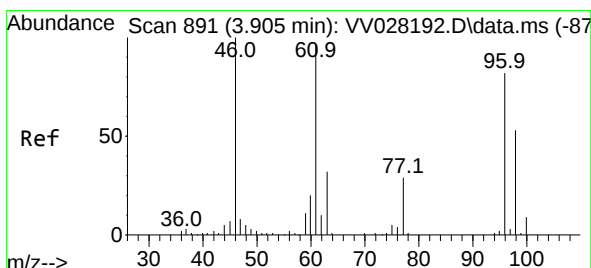
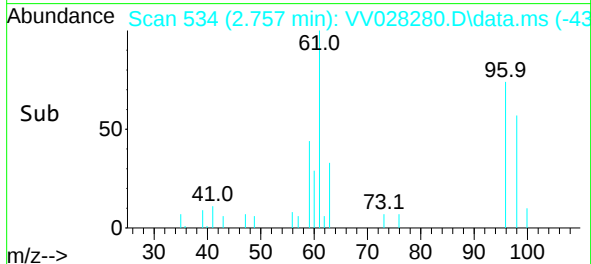
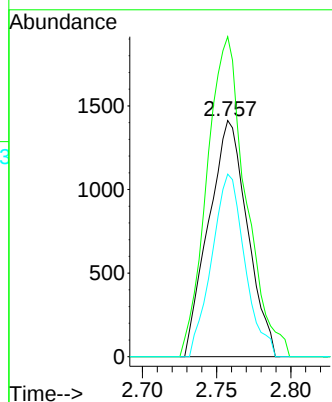
#18
 trans-1,2-Dichloroethene
 Concen: 0.151 ug/L
 RT: 2.757 min Scan# 51
 Delta R.T. 0.007 min
 Lab File: VV028280.D
 Acq: 03 Oct 2022 15:57

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 2564

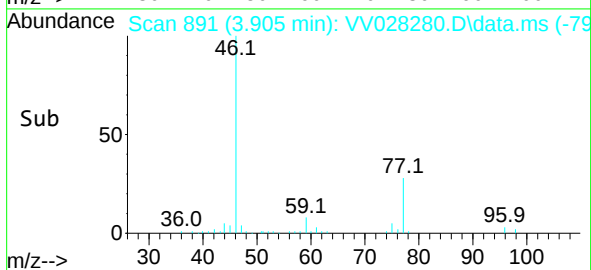
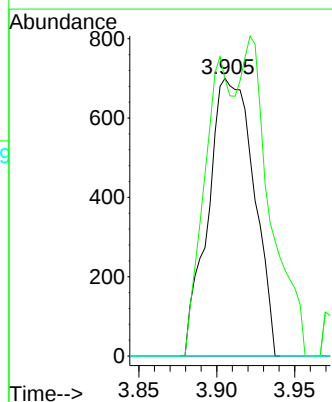
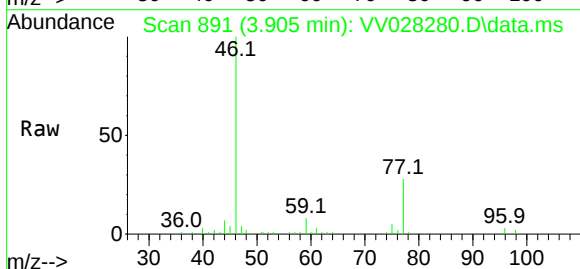
Ion	Ratio	Lower	Upper
96	100		
61	135.5	96.2	178.6
98	77.3	45.7	84.9

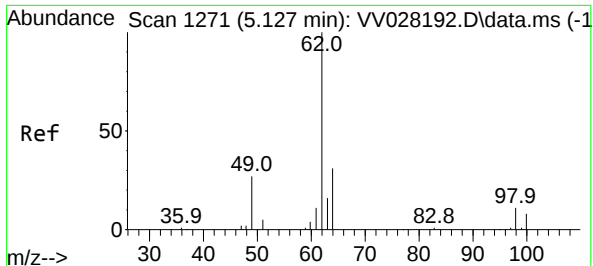


#22
 cis-1,2-Dichloroethene
 Concen: 0.084 ug/L
 RT: 3.905 min Scan# 891
 Delta R.T. 0.000 min
 Lab File: VV028280.D
 Acq: 03 Oct 2022 15:57

Tgt Ion: 96 Resp: 1430

Ion	Ratio	Lower	Upper
96	100		
61	99.7	87.2	161.9
68	0.0	0.0	0.0

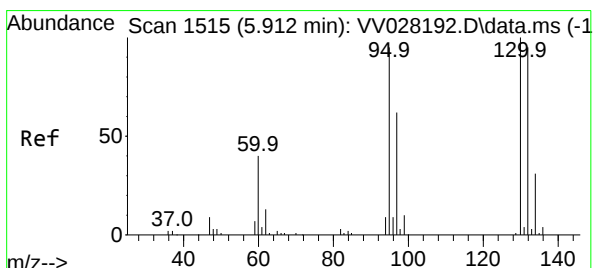
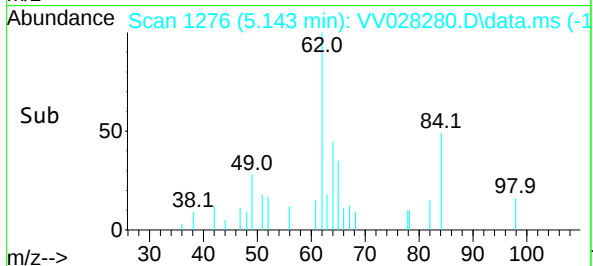
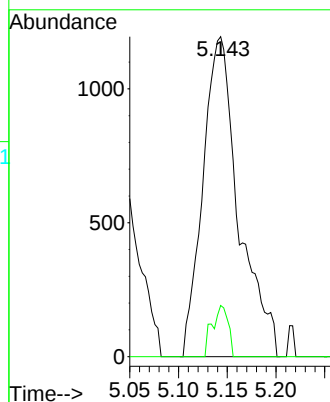
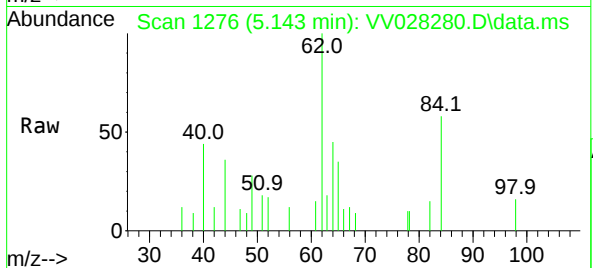




#27
1,2-Dichloroethane
Concen: 0.180 ug/L
RT: 5.143 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV028280.D
Acq: 03 Oct 2022 15:57

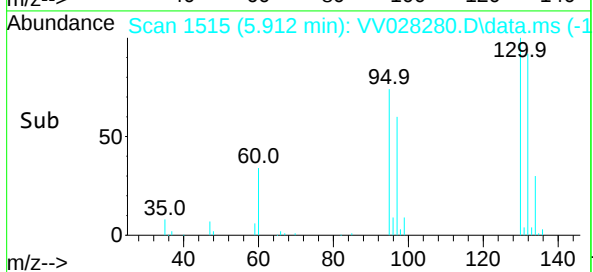
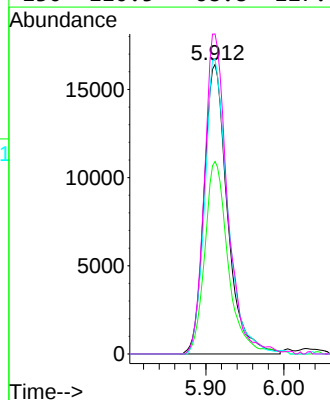
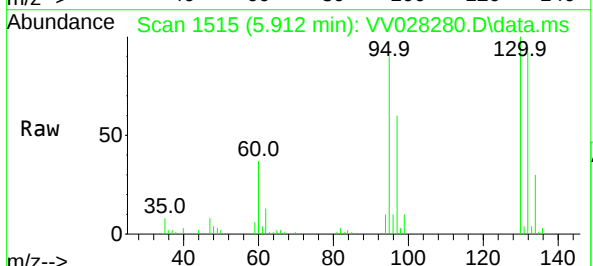
Instrument :
MSVOA_V
ClientSampleId :

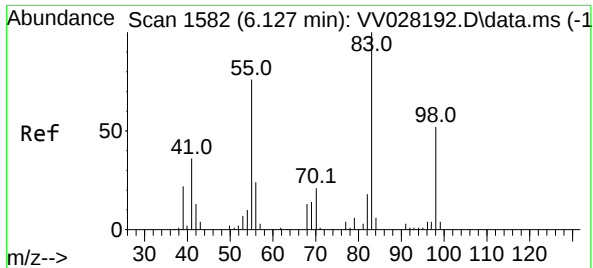
Tgt Ion: 62 Resp: 3059
Ion Ratio Lower Upper
62 100
98 16.0 6.7 10.1#



#34
Trichloroethene
Concen: 2.009 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV028280.D
Acq: 03 Oct 2022 15:57

Tgt Ion: 95 Resp: 34198
Ion Ratio Lower Upper
95 100
97 66.5 44.2 82.0
132 101.8 67.8 126.0
130 110.5 68.8 127.8

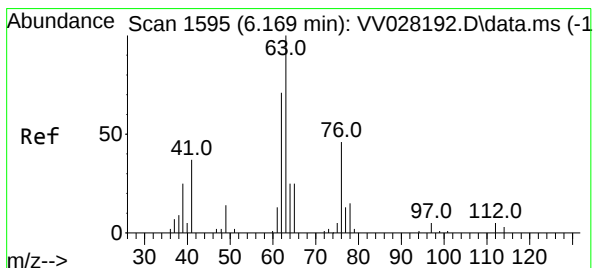
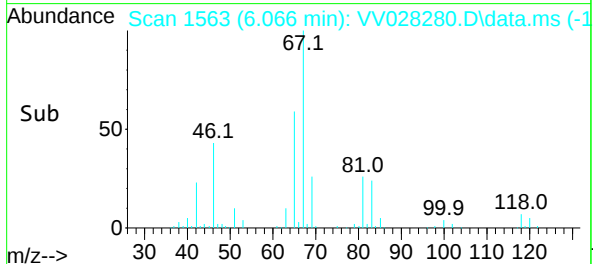
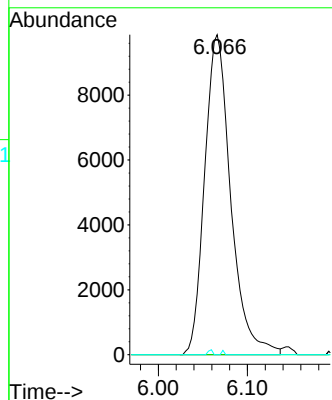
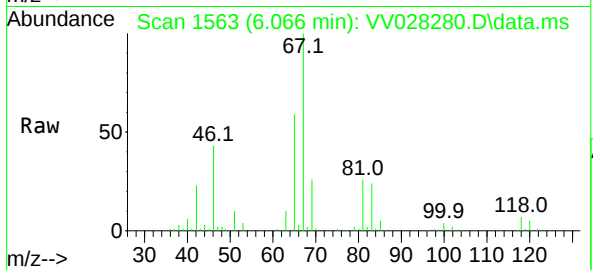




#35
Methylcyclohexane
Concen: 0.722 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028280.D
Acq: 03 Oct 2022 15:57

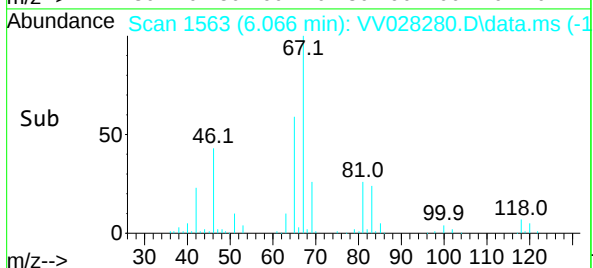
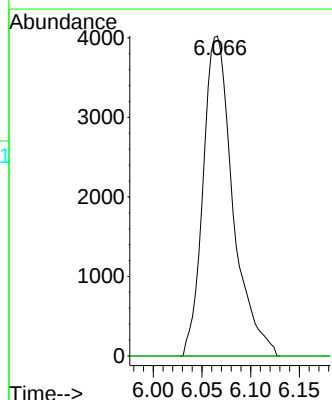
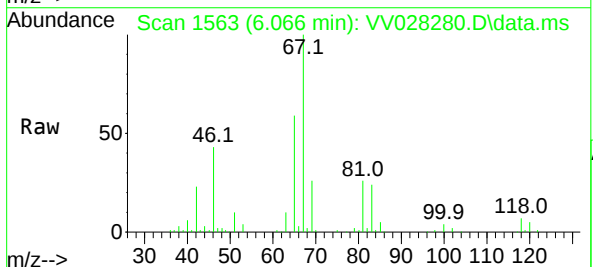
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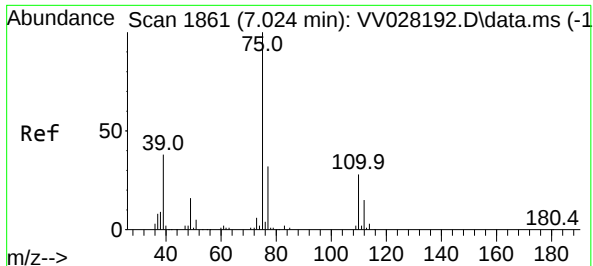
Tgt Ion: 83 Resp: 20068
Ion Ratio Lower Upper
83 100
55 0.0 64.7 97.1#
98 0.2 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.545 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV028280.D
Acq: 03 Oct 2022 15:57

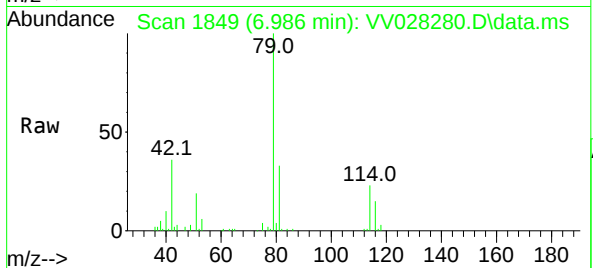
Tgt Ion: 63 Resp: 8583
Ion Ratio Lower Upper
63 100
112 0.2 3.5 5.3#



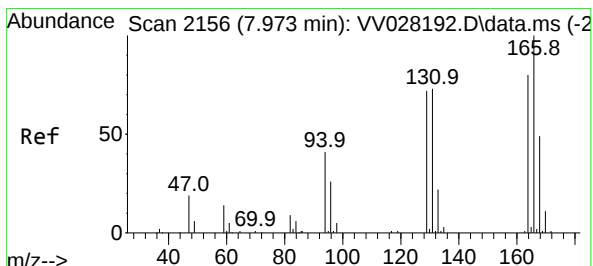
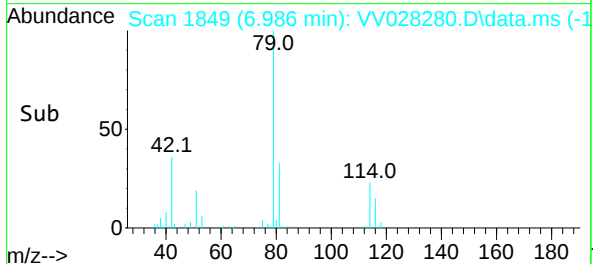
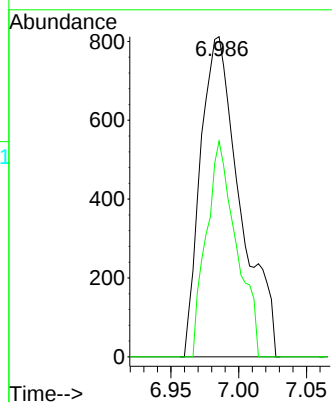


#39
 cis-1,3-Dichloropropene
 Concen: 0.073 ug/L
 RT: 6.986 min Scan# 11
 Delta R.T. -0.038 min
 Lab File: VV028280.D
 Acq: 03 Oct 2022 15:57

Instrument :
 MSVOA_V
 ClientSampleId :

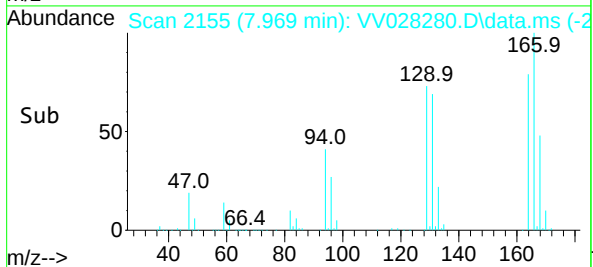
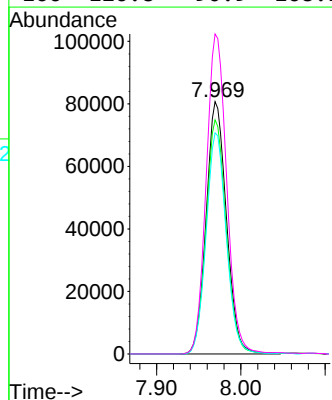
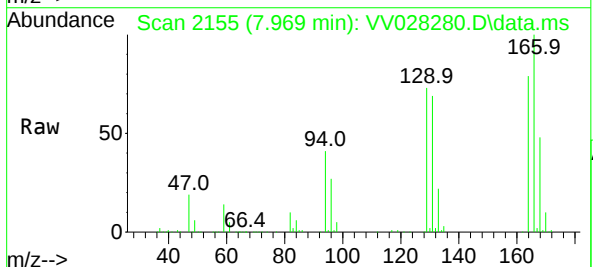


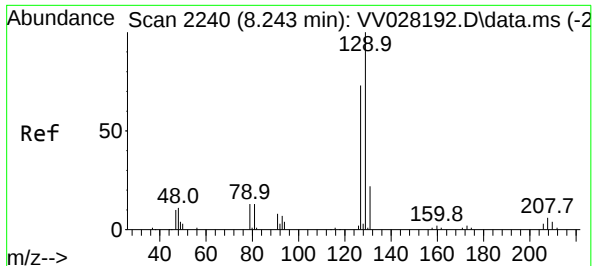
Tgt Ion: 75 Resp: 1651
 Ion Ratio Lower Upper
 75 100
 77 67.4 22.4 41.6#



#47
 Tetrachloroethene
 Concen: 9.110 ug/L
 RT: 7.969 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: VV028280.D
 Acq: 03 Oct 2022 15:57

Tgt Ion: 164 Resp: 135533
 Ion Ratio Lower Upper
 164 100
 129 92.8 66.7 123.9
 131 87.6 61.7 114.5
 166 126.8 90.9 168.9





#49

Dibromochloromethane

Concen: 8.077 ug/L

RT: 7.969 min Scan# 2155

Delta R.T. -0.273 min

Lab File: VV028280.D

Acq: 03 Oct 2022 15:57

Instrument :

MSVOA_V

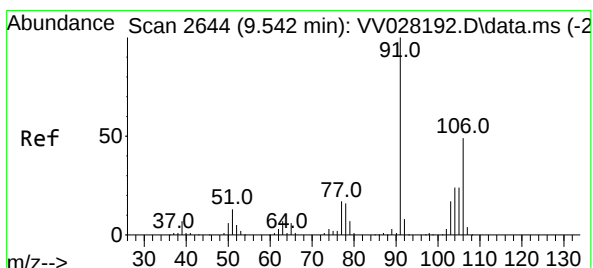
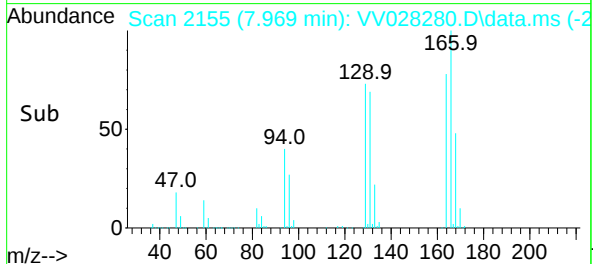
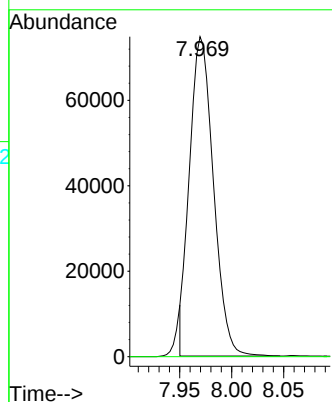
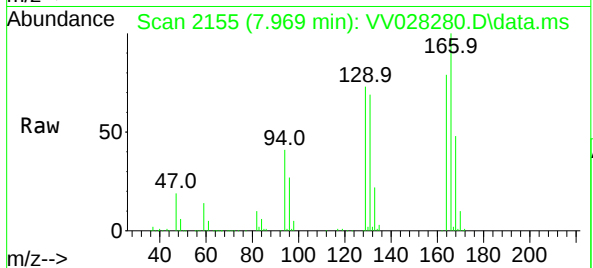
ClientSampleId :

Tgt Ion:129 Resp: 119390

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#54

o-Xylene

Concen: 0.066 ug/L

RT: 9.548 min Scan# 2646

Delta R.T. 0.007 min

Lab File: VV028280.D

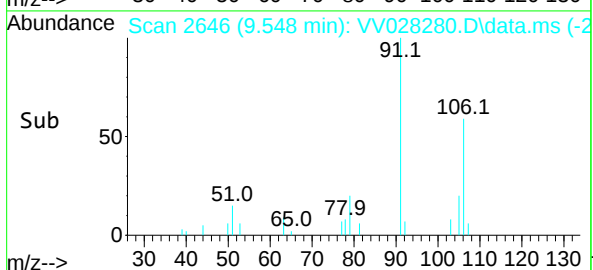
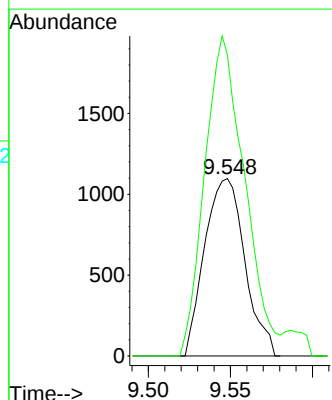
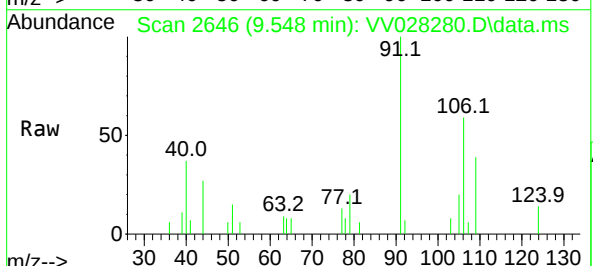
Acq: 03 Oct 2022 15:57

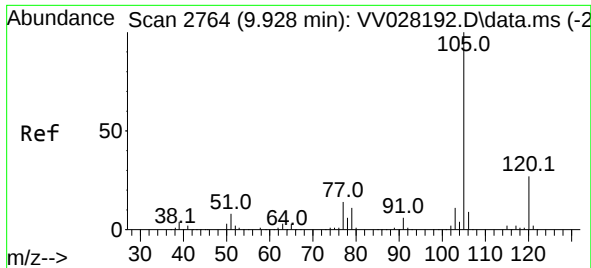
Tgt Ion:106 Resp: 1867

Ion Ratio Lower Upper

106 100

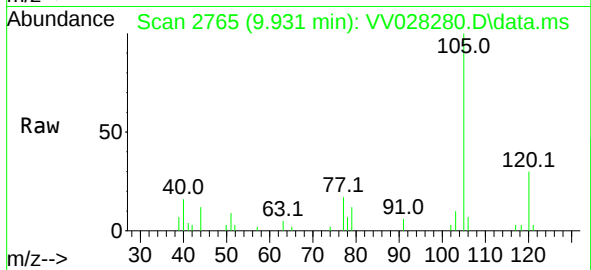
91 169.6 148.1 275.0



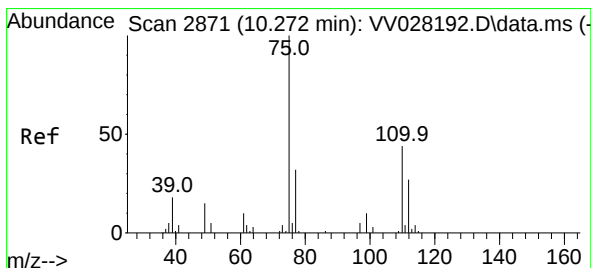
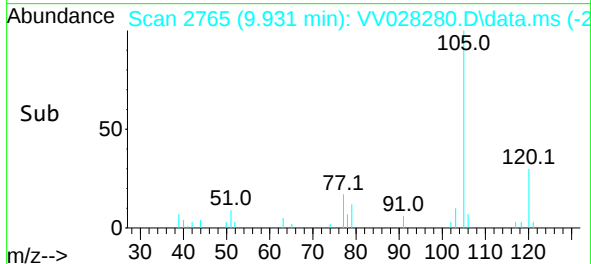
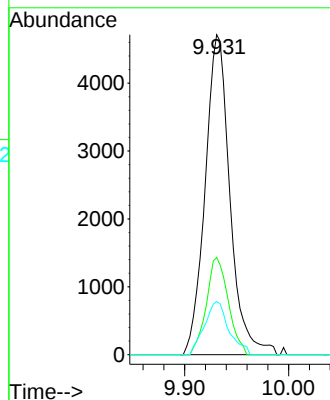


#60
Isopropylbenzene
Concen: 0.116 ug/L
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028280.D
Acq: 03 Oct 2022 15:57

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:105 Resp: 7818
Ion Ratio Lower Upper
105 100
120 26.8 21.4 32.0
77 16.3 12.2 18.4



#61
1,2,3-Trichloropropane
Concen: 1.270 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.975 min
Lab File: VV028280.D
Acq: 03 Oct 2022 15:57

Tgt Ion: 75 Resp: 10804
Ion Ratio Lower Upper
75 100
77 32.5 26.7 40.1
110 2.7 30.1 45.1#

