

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100422\
 Data File : VW028347.D
 Acq On : 05 Oct 2022 00:10
 Operator : SY/MD
 Sample : N4872-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 04:17:56 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	5.613	114	196940	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	198009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	128059	5.000	ug/L	# 0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.301	65	57116	3.860	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.561	69	54341	4.338	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.800%
11) 1,1-Dichloroethene-d2	2.102	63	84745	3.039	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.896	46	154908	61.871	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.740%
24) Chloroform-d	4.339	84	124821	4.656	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
26) 1,2-Dichloroethane-d4	5.027	65	59391	4.779	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.600%
32) Benzene-d6	5.044	84	258594	4.761	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
36) 1,2-Dichloropropane-d6	6.063	67	81941	5.259	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.200%
41) Toluene-d8	7.310	98	213149	4.267	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.622	79	26098	4.398	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.000%
46) 2-Hexanone-d5	8.085	63	131037	53.945	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.900%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	60103	5.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	11.628	152	107299	4.869	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.400%

Target Compounds

					Qvalue
3) Chloromethane	1.237	50	2043	0.136	ug/L 96
6) Bromomethane	1.516	94	446	0.056	ug/L 86
8) Chloroethane	1.381	64	191883	17.031	ug/L # 51
12) 1,1-Dichloroethene	2.105	96	1542	0.109	ug/L # 1
13) Acetone	2.188	43	126960	77.223	ug/L 94
15) Methyl Acetate	2.188	43	123889	27.687	ug/L # 55
18) trans-1,2-Dichloroethene	2.757	96	1224	0.083	ug/L 86
19) 1,1-Dichloroethane	3.185	63	2673	0.107	ug/L 93
22) cis-1,2-Dichloroethene	3.905	96	12246	0.826	ug/L 97
25) Chloroform	4.365	83	5461	0.199	ug/L 93
30) Cyclohexane	4.667	56	2909	0.138	ug/L # 75
34) Trichloroethene	5.908	95	156317	10.591	ug/L 95
37) 1,2-Dichloropropane	6.066	63	7928	0.581	ug/L # 88
47) Tetrachloroethene	7.973	164	70202	5.443	ug/L 97
49) Dibromochloromethane	7.973	129	59938	4.677	ug/L # 11
51) Chlorobenzene	8.876	112	1492651	36.187	ug/L 99
57) 1,1,2,2-Tetrachloroethane	10.497	83	6331	0.551	ug/L # 25
61) 1,2,3-Trichloropropane	11.178	75	1661988	168.200	ug/L # 49
62) 1,3,5-Trimethylbenzene	11.336	105	2347	0.105	ug/L # 1

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
 Data File : VV028347.D
 Acq On : 05 Oct 2022 00:10
 Operator : SY/MD
 Sample : N4872-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 04:17:56 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

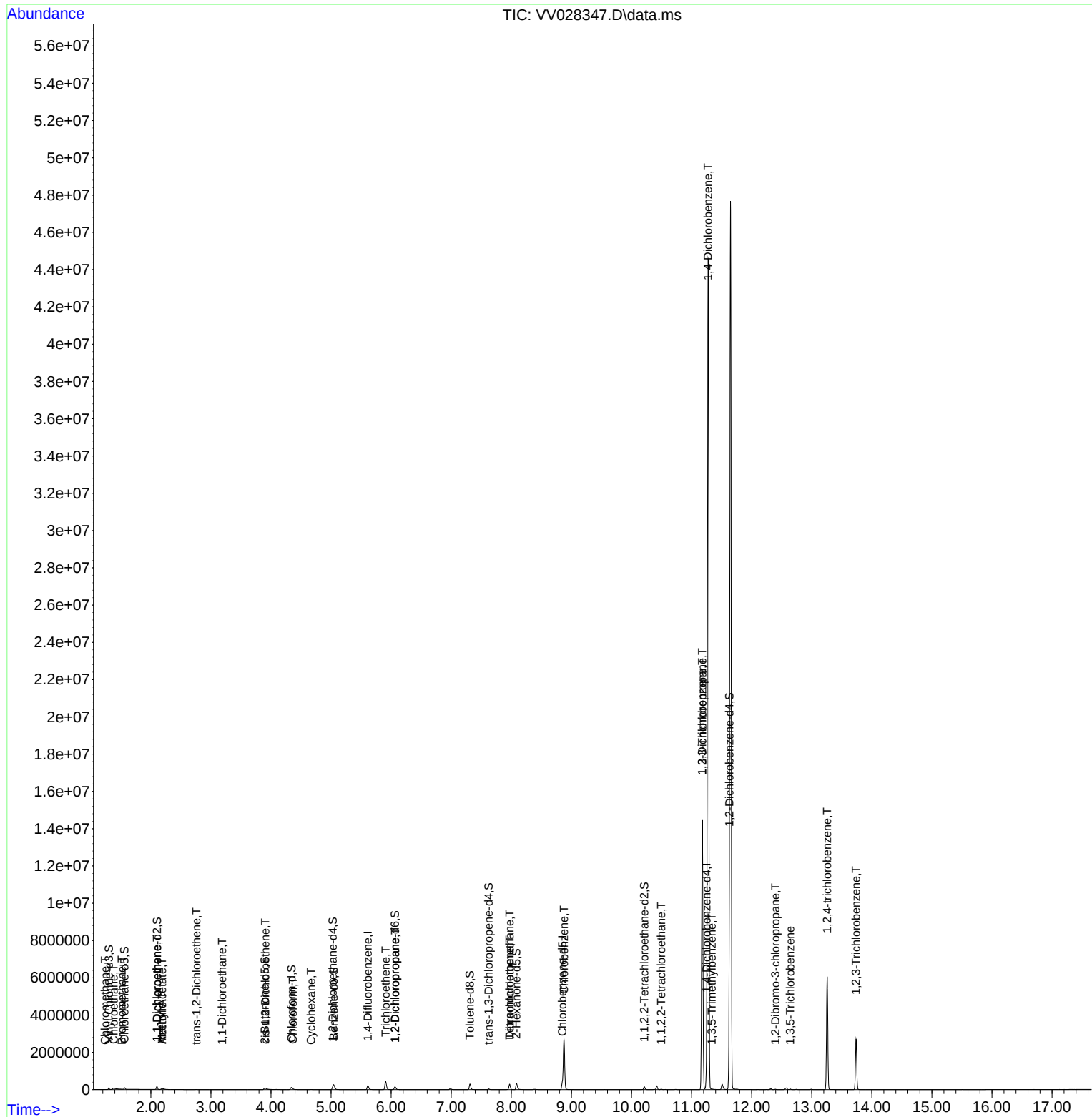
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
64) 1,3-Dichlorobenzene	11.178	146	5903983	153.373	ug/L	99
65) 1,4-Dichlorobenzene	11.272	146	16359038	424.417	ug/L #	76
68) 1,2-Dibromo-3-chloropr...	12.394	75	4021	1.786	ug/L #	1
69) 1,3,5-Trichlorobenzene	12.645	180	11312	0.372	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	1857079	80.034	ug/L	100
72) 1,2,3-Trichlorobenzene	13.738	180	828695	39.619	ug/L	99

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

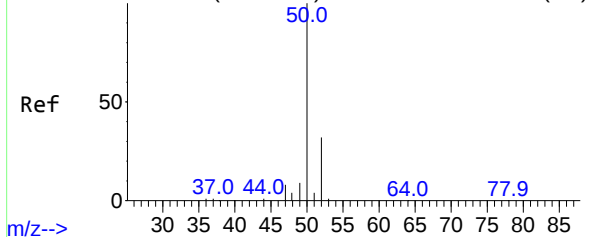
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100422\
Data File : VV028347.D
Acq On : 05 Oct 2022 00:10
Operator : SY/MD
Sample : N4872-08
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: Oct 05 04:17:56 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



Abundance Scan 61 (1.237 min): VV028333.D\data.ms (-52)



#3

Chloromethane

Concen: 0.136 ug/L

RT: 1.237 min Scan# 61

Delta R.T. 0.000 min

Lab File: VV028347.D

Acq: 05 Oct 2022 00:10

Instrument :

MSVOA_V

ClientSampleId :

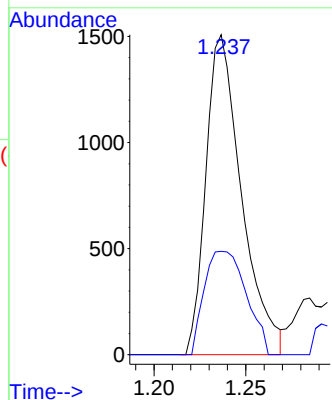
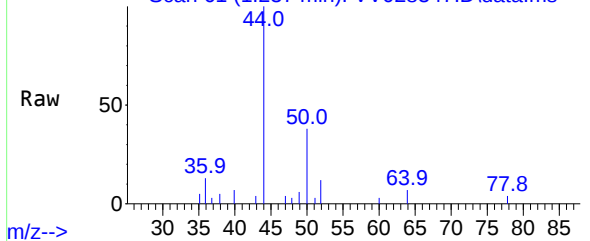
Tgt Ion: 50 Resp: 2043

Ion Ratio Lower Upper

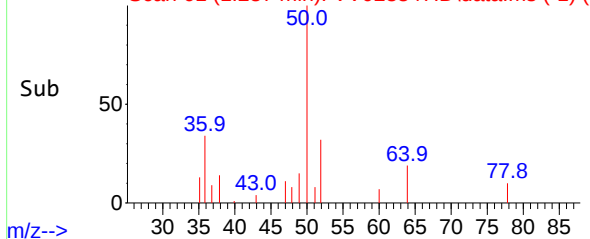
50 100

52 32.3 24.4 45.2

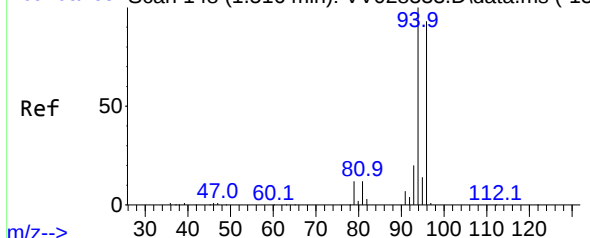
Abundance Scan 61 (1.237 min): VV028347.D\data.ms



Abundance Scan 61 (1.237 min): VV028347.D\data.ms (-1)



Abundance Scan 148 (1.516 min): VV028333.D\data.ms (-13)



#6

Bromomethane

Concen: 0.056 ug/L

RT: 1.516 min Scan# 148

Delta R.T. 0.000 min

Lab File: VV028347.D

Acq: 05 Oct 2022 00:10

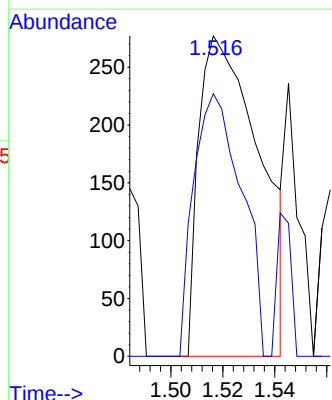
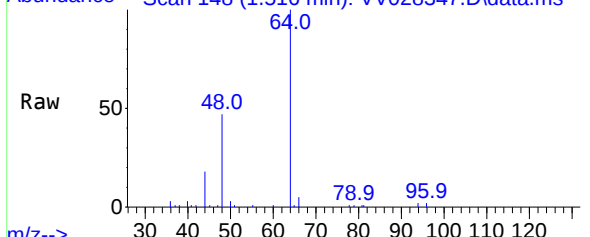
Tgt Ion: 94 Resp: 446

Ion Ratio Lower Upper

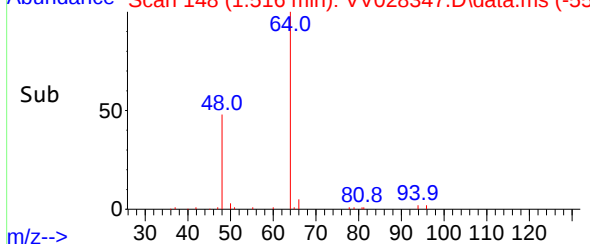
94 100

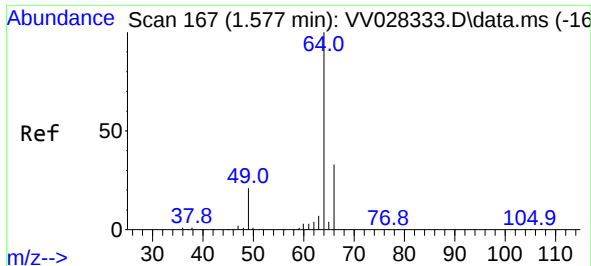
96 81.9 66.7 123.9

Abundance Scan 148 (1.516 min): VV028347.D\data.ms



Abundance Scan 148 (1.516 min): VV028347.D\data.ms (-55)

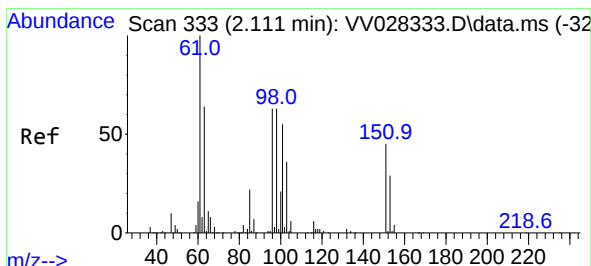
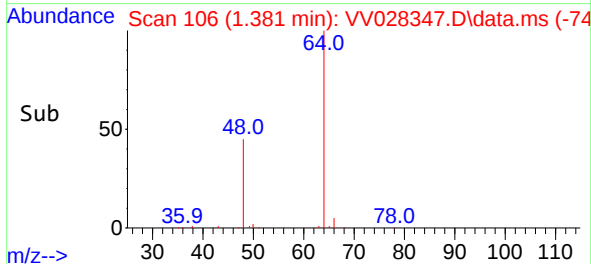
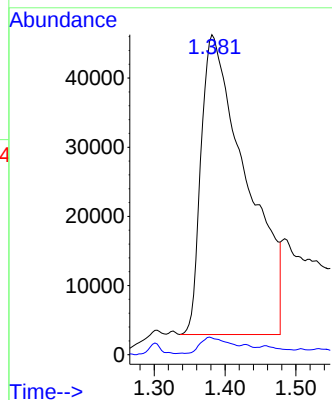
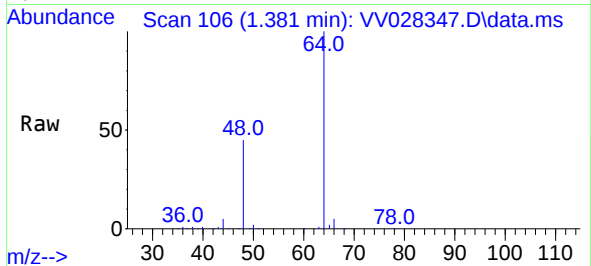




#8
Chloroethane
Concen: 17.031 ug/L
RT: 1.381 min Scan# 106
Delta R.T. -0.196 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

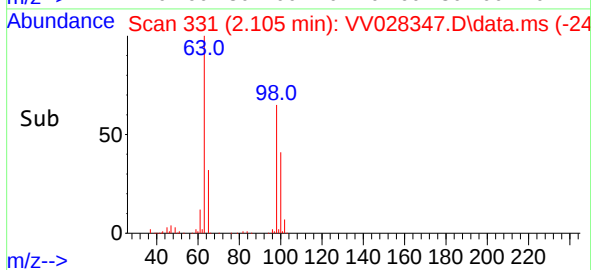
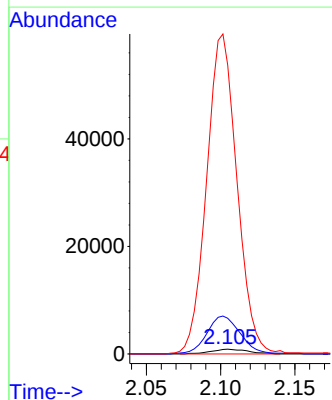
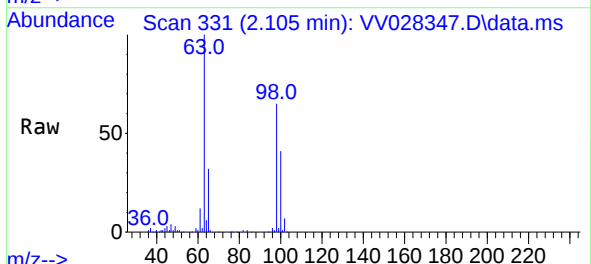
Instrument :
MSVOA_V
ClientSampleId :

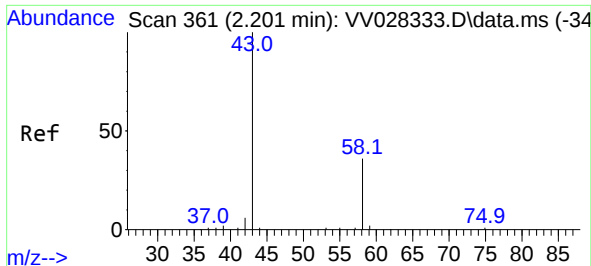
Tgt Ion: 64 Resp: 191883
Ion Ratio Lower Upper
64 100
66 5.3 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.109 ug/L
RT: 2.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

Tgt Ion: 96 Resp: 1542
Ion Ratio Lower Upper
96 100
61 733.6 128.3 238.3#
63 5948.2 112.7 209.3#





#13

Acetone

Concen: 77.223 ug/L

RT: 2.188 min Scan# 3

Delta R.T. 0.013 min

Lab File: VV028347.D

Acq: 05 Oct 2022 00:10

Instrument :

MSVOA_V

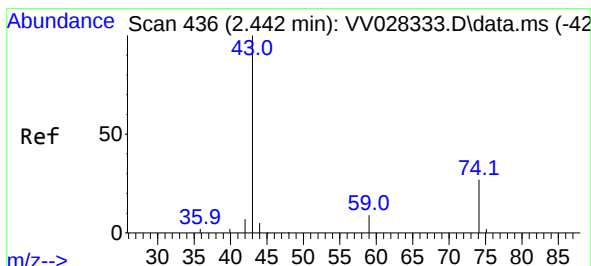
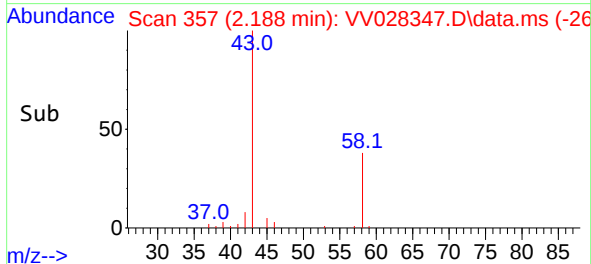
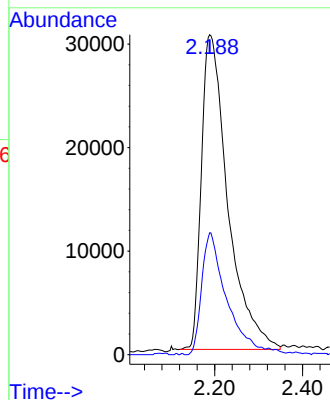
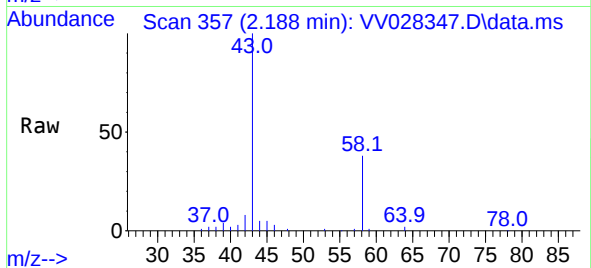
ClientSampleId :

Tgt Ion: 43 Resp: 126960

Ion Ratio Lower Upper

43 100

58 36.1 0.0 65.6



#15

Methyl Acetate

Concen: 27.687 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.244 min

Lab File: VV028347.D

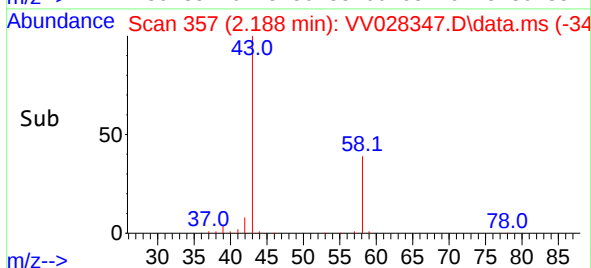
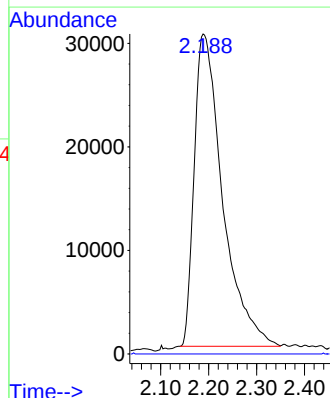
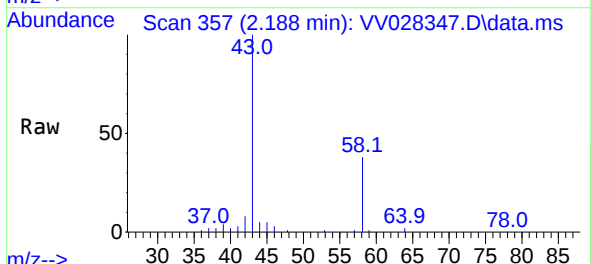
Acq: 05 Oct 2022 00:10

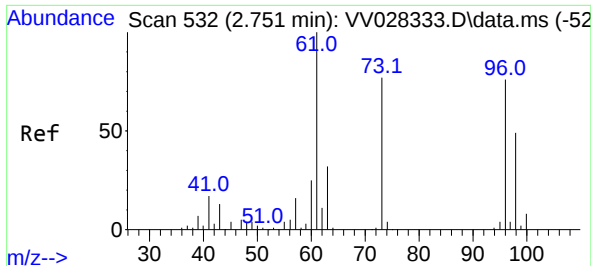
Tgt Ion: 43 Resp: 123889

Ion Ratio Lower Upper

43 100

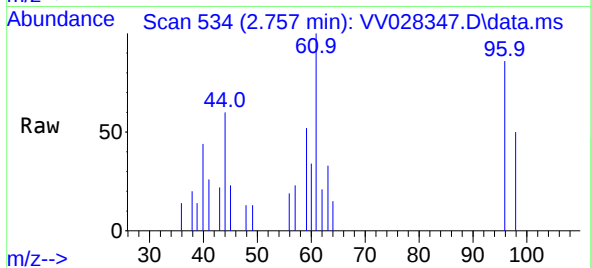
74 0.0 16.9 25.3#





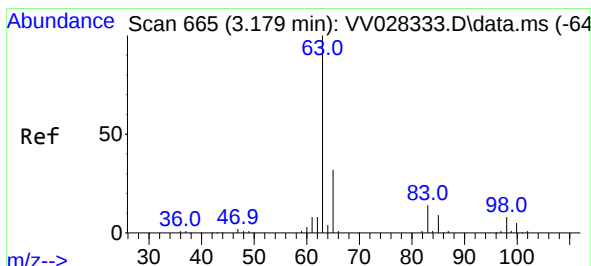
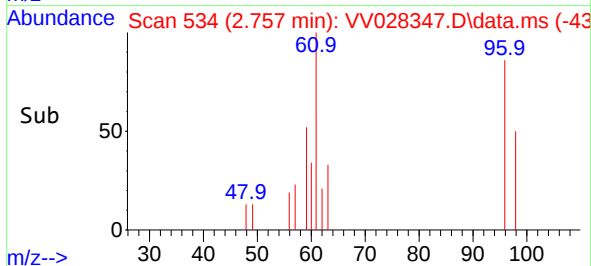
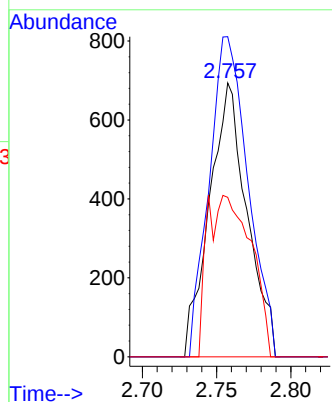
#18
trans-1,2-Dichloroethene
Concen: 0.083 ug/L
RT: 2.757 min Scan# 511
Delta R.T. 0.007 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 96 Resp: 1224

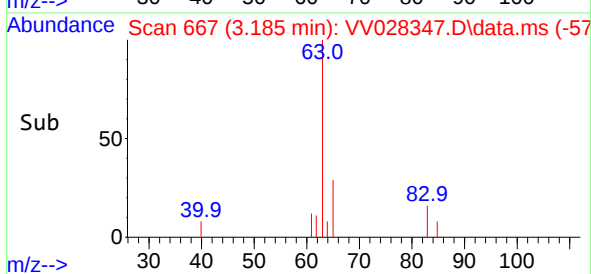
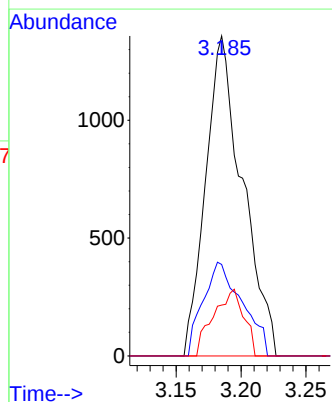
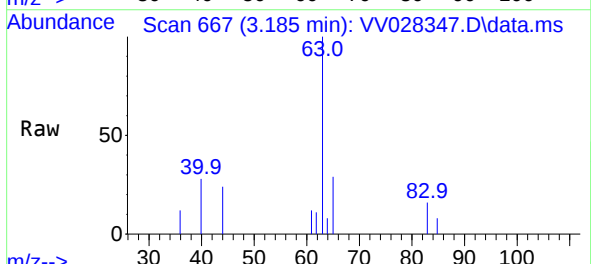
Ion	Ratio	Lower	Upper
96	100		
61	116.9	96.2	178.6
98	58.2	45.7	84.9

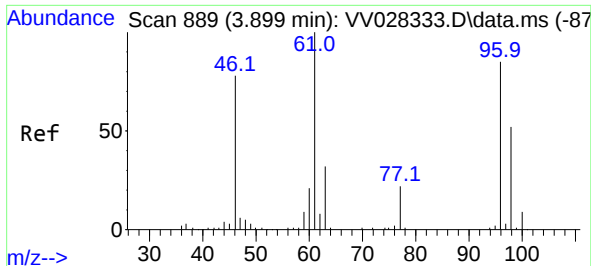


#19
1,1-Dichloroethane
Concen: 0.107 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

Tgt Ion: 63 Resp: 2673

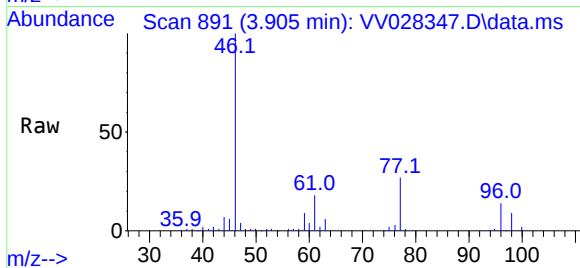
Ion	Ratio	Lower	Upper
63	100		
65	28.6	23.0	42.8
83	15.9	9.2	17.2



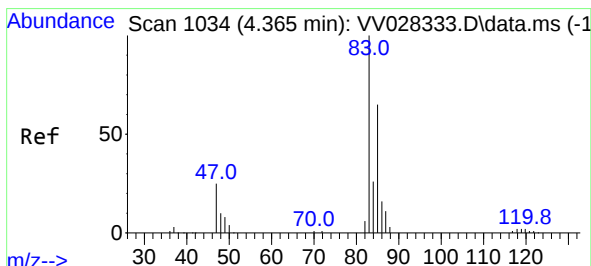
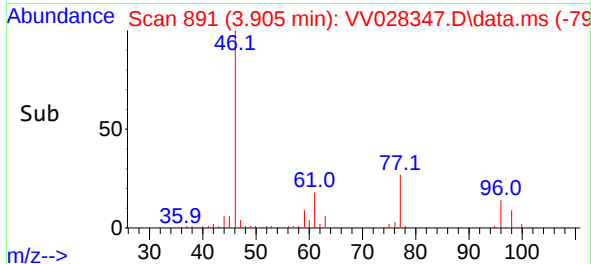
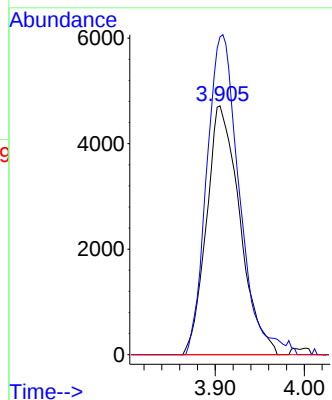


#22
cis-1,2-Dichloroethene
Concen: 0.826 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

Instrument :
MSVOA_V
ClientSampleId :

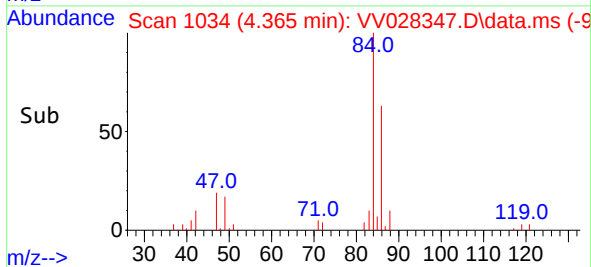
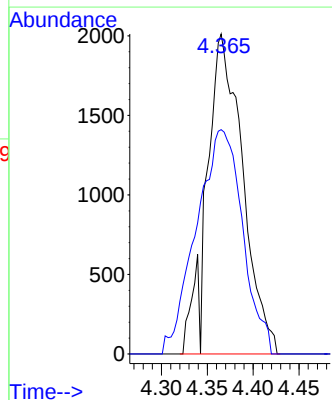
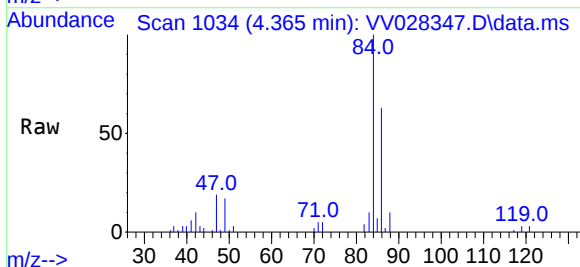


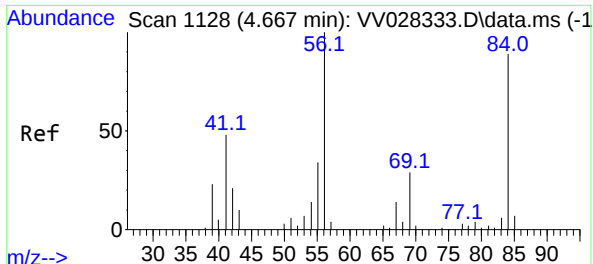
Tgt Ion: 96 Resp: 12246
Ion Ratio Lower Upper
96 100
61 127.8 87.2 161.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.199 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.003 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

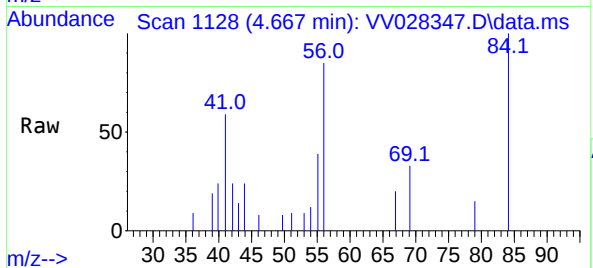
Tgt Ion: 83 Resp: 5461
Ion Ratio Lower Upper
83 100
85 70.1 45.1 83.7



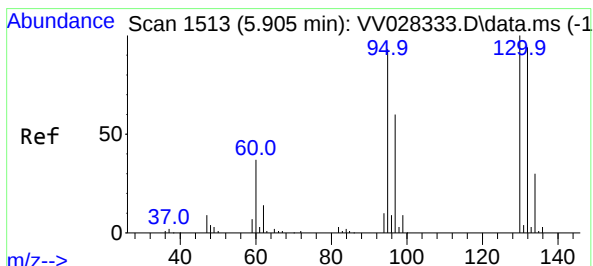
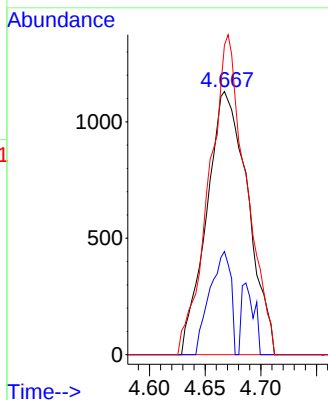
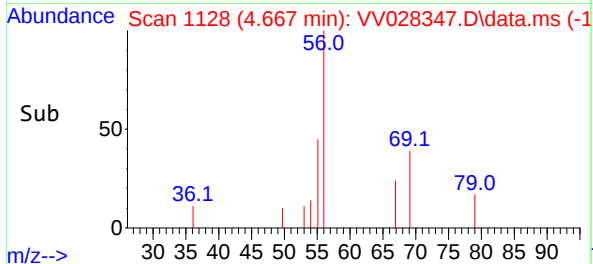


#30
Cyclohexane
Concen: 0.138 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

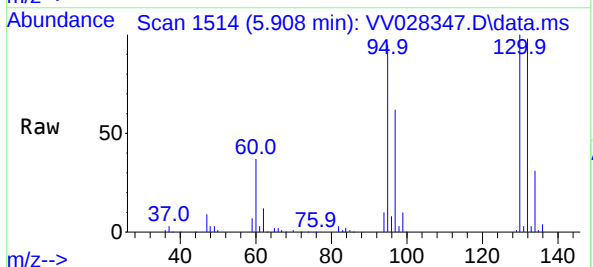
Instrument :
MSVOA_V
ClientSampleId :



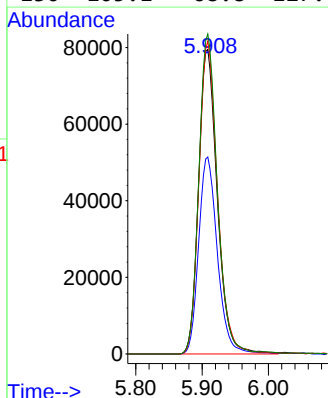
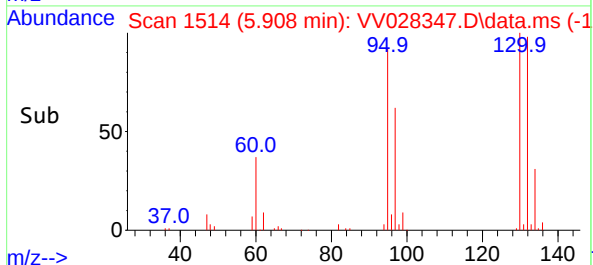
Tgt Ion: 56 Resp: 2909
Ion Ratio Lower Upper
56 100
69 20.0 23.7 35.5#
84 109.1 67.3 100.9#

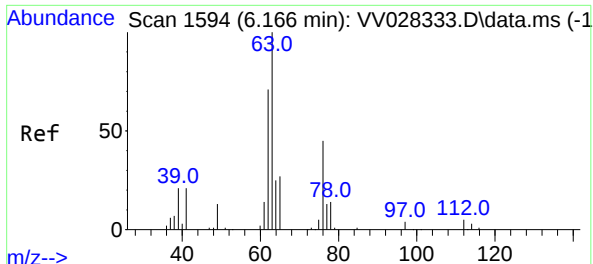


#34
Trichloroethene
Concen: 10.591 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10



Tgt Ion: 95 Resp: 156317
Ion Ratio Lower Upper
95 100
97 64.7 44.2 82.0
132 102.7 67.8 126.0
130 105.1 68.8 127.8

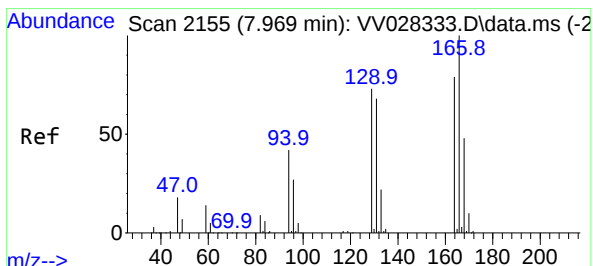
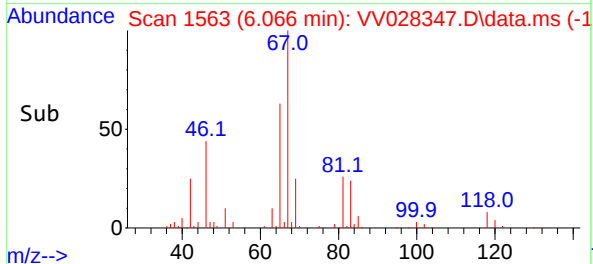
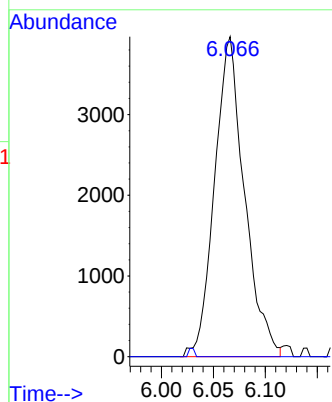
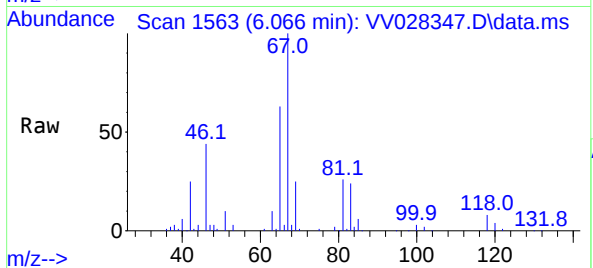




#37
1,2-Dichloropropane
Concen: 0.581 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.103 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

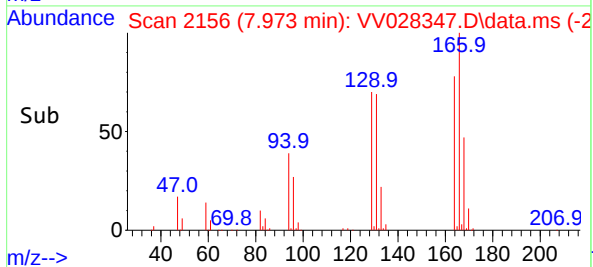
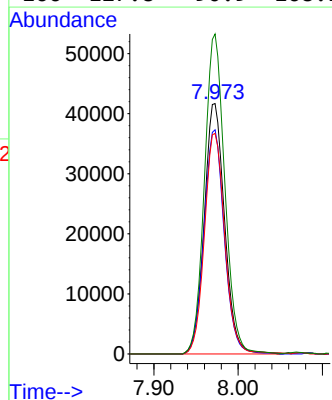
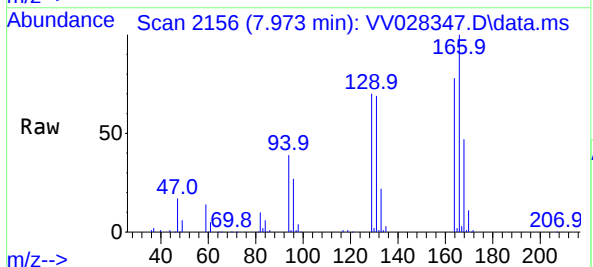
Instrument :
MSVOA_V
ClientSampleId :

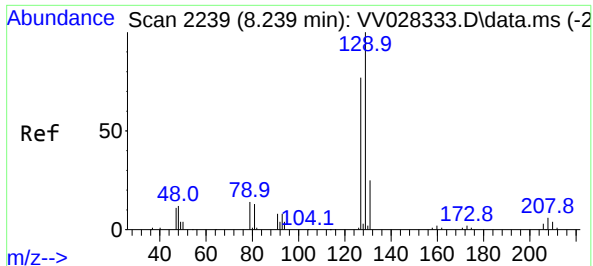
Tgt Ion: 63 Resp: 7928
Ion Ratio Lower Upper
63 100
112 0.5 3.5 5.3#



#47
Tetrachloroethene
Concen: 5.443 ug/L
RT: 7.973 min Scan# 2156
Delta R.T. 0.004 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

Tgt Ion: 164 Resp: 70202
Ion Ratio Lower Upper
164 100
129 89.5 66.7 123.9
131 88.1 61.7 114.5
166 127.8 90.9 168.9





#49

Dibromochloromethane

Concen: 4.677 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV028347.D

Acq: 05 Oct 2022 00:10

Instrument :

MSVOA_V

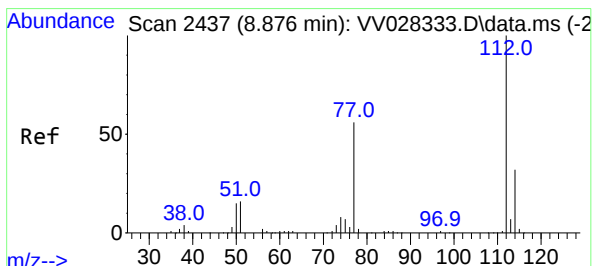
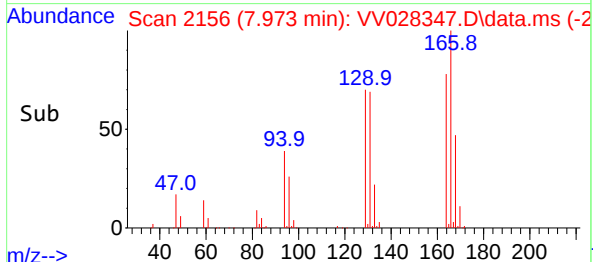
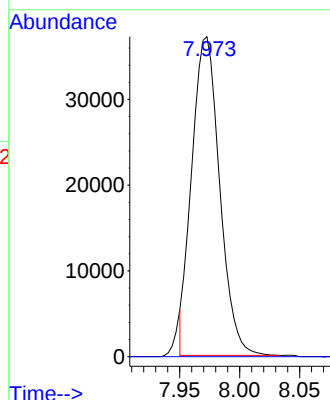
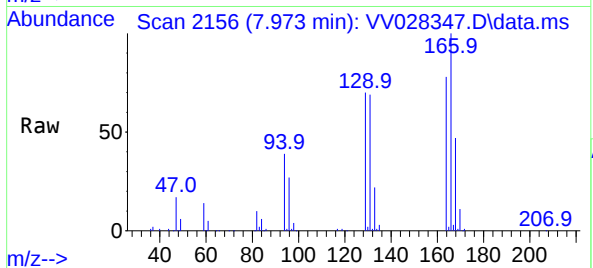
ClientSampleId :

Tgt Ion:129 Resp: 59938

Ion Ratio Lower Upper

129 100

127 0.0 54.3 100.9#



#51

Chlorobenzene

Concen: 36.187 ug/L

RT: 8.876 min Scan# 2437

Delta R.T. -0.003 min

Lab File: VV028347.D

Acq: 05 Oct 2022 00:10

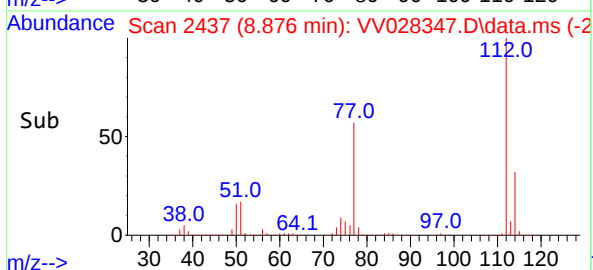
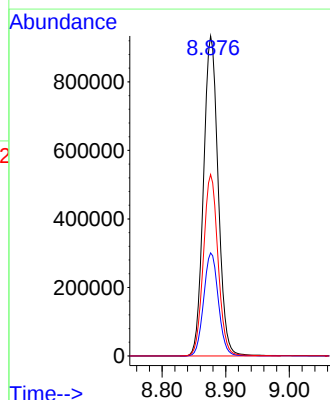
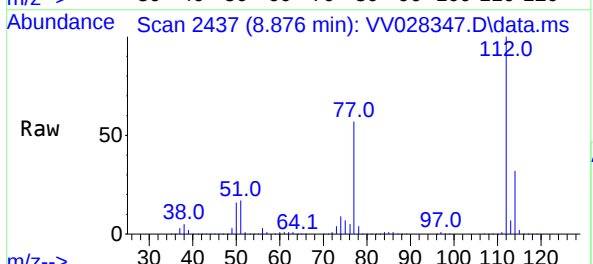
Tgt Ion:112 Resp: 1492651

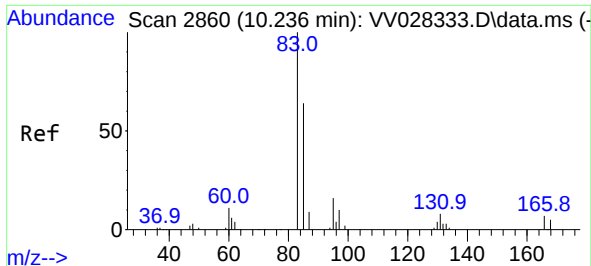
Ion Ratio Lower Upper

112 100

114 32.2 22.5 41.7

77 56.7 46.1 69.1





#57

1,1,2,2-Tetrachloroethane

Concen: 0.551 ug/L

RT: 10.497 min Scan# 2941

Delta R.T. 0.257 min

Lab File: VV028347.D

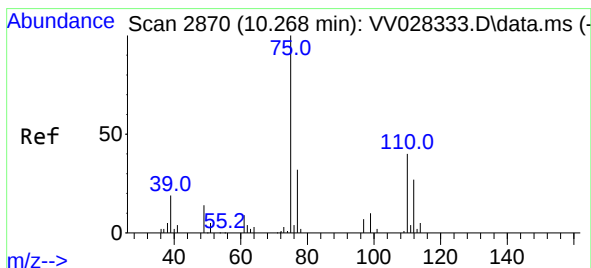
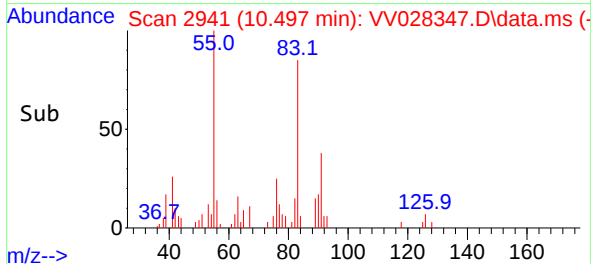
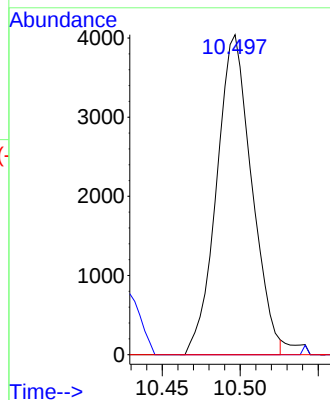
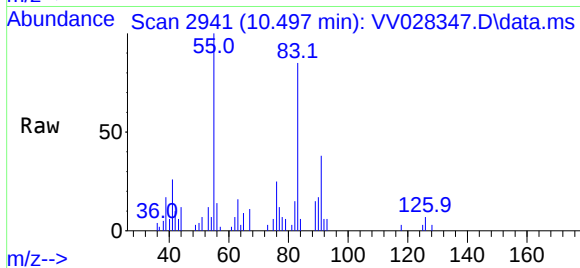
Acq: 05 Oct 2022 00:10

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	6331
Ion	Ratio	Lower	Upper
83	100		
85	0.0	45.2	84.0#
131	0.0	7.8	11.8#



#61

1,2,3-Trichloropropane

Concen: 168.200 ug/L

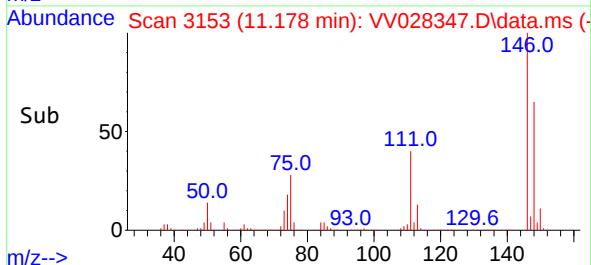
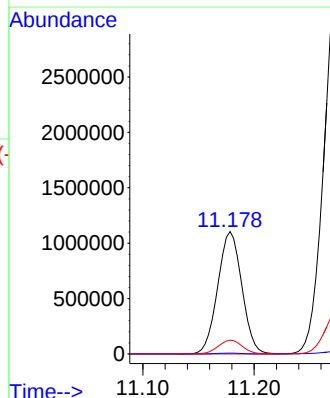
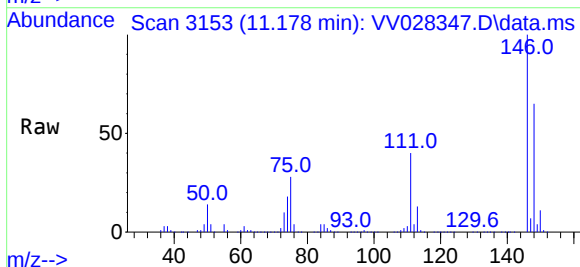
RT: 11.178 min Scan# 3153

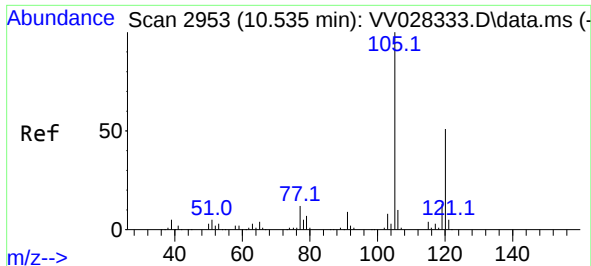
Delta R.T. 0.907 min

Lab File: VV028347.D

Acq: 05 Oct 2022 00:10

Tgt Ion:	75	Resp:	1661988
Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.7	40.1#
110	11.3	30.1	45.1#

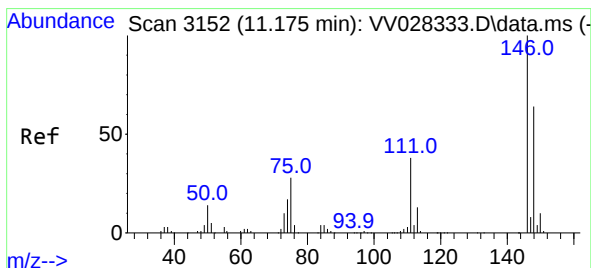
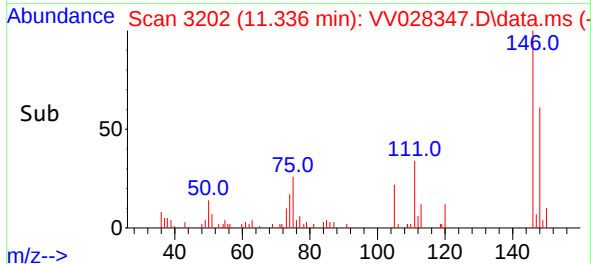
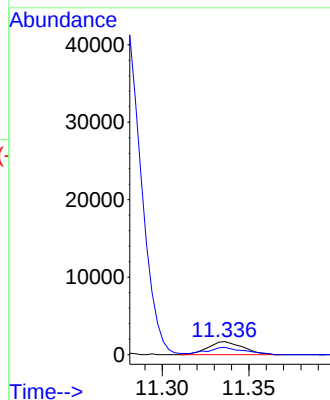
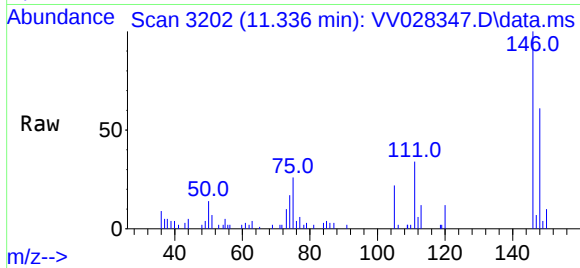




#62
1,3,5-Trimethylbenzene
Concen: 0.105 ug/L
RT: 11.336 min Scan# 3153
Delta R.T. 0.801 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

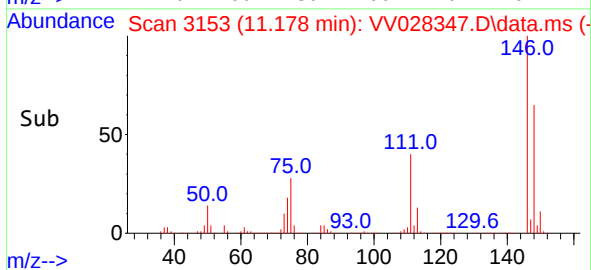
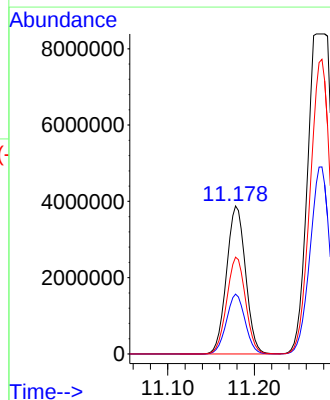
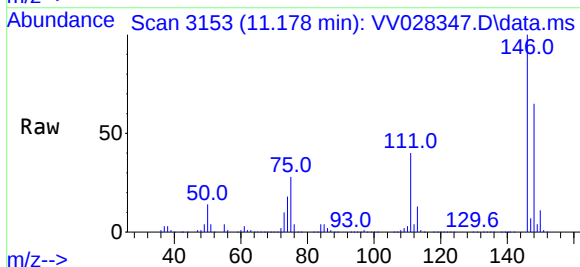
Instrument :
MSVOA_V
ClientSampleId :

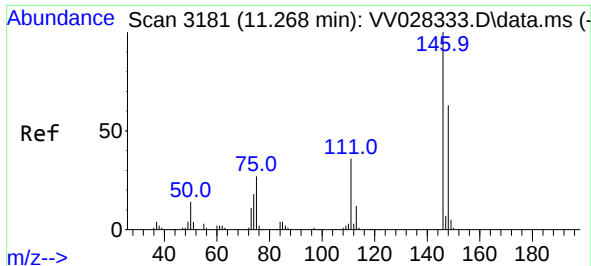
Tgt Ion:105 Resp: 2347
Ion Ratio Lower Upper
105 100
120 3030.6 40.6 61.0#



#64
1,3-Dichlorobenzene
Concen: 153.373 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. 0.000 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

Tgt Ion:146 Resp: 5903983
Ion Ratio Lower Upper
146 100
111 40.4 27.1 50.3
148 65.4 45.7 84.9

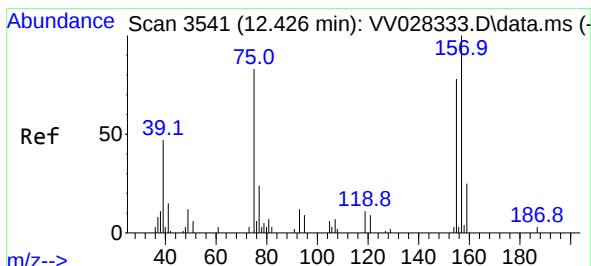
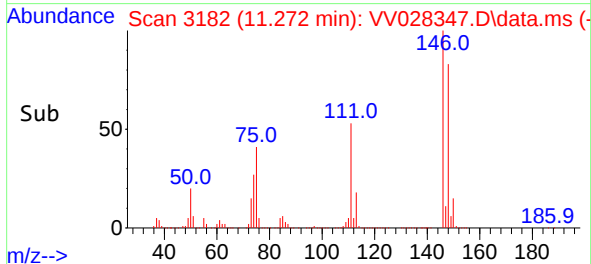
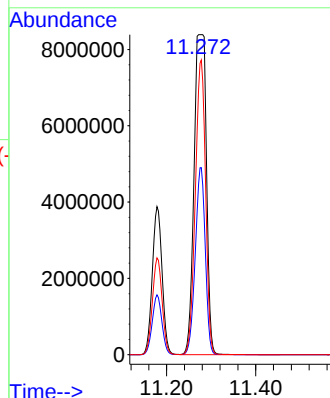
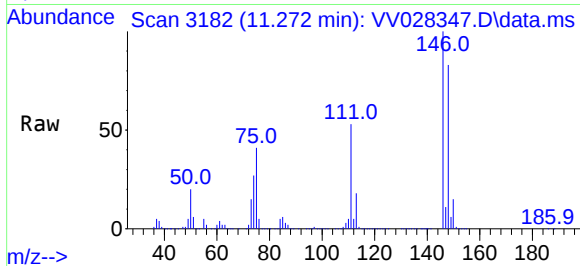




#65
1,4-Dichlorobenzene
Concen: 424.417 ug/L
RT: 11.272 min Scan# 3181
Delta R.T. 0.003 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

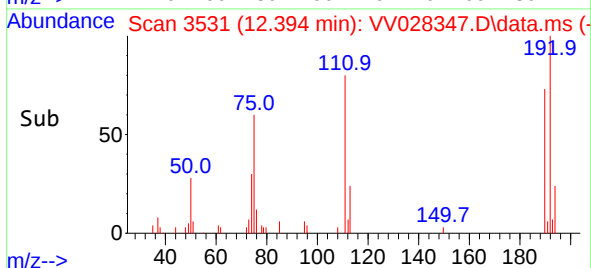
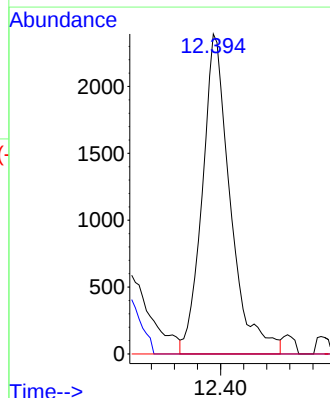
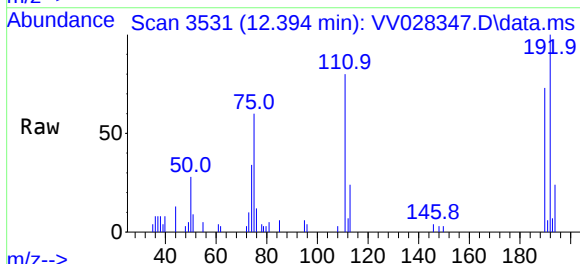
Instrument :
MSVOA_V
ClientSampleId :

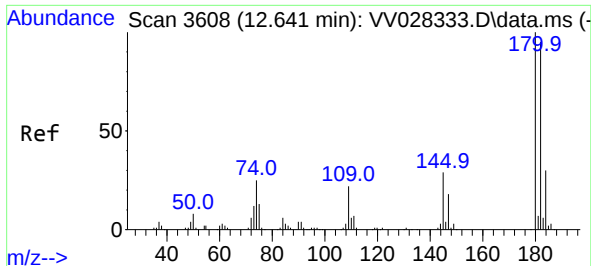
Tgt Ion:146 Resp:16359038
Ion Ratio Lower Upper
146 100
111 53.3 26.2 48.8#
148 83.0 45.8 85.2



#68
1,2-Dibromo-3-chloropropane
Concen: 1.786 ug/L
RT: 12.394 min Scan# 3531
Delta R.T. -0.032 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

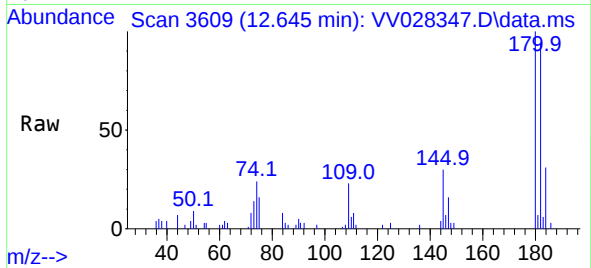
Tgt Ion: 75 Resp: 4021
Ion Ratio Lower Upper
75 100
155 0.0 73.6 110.4#
157 0.0 90.7 136.1#



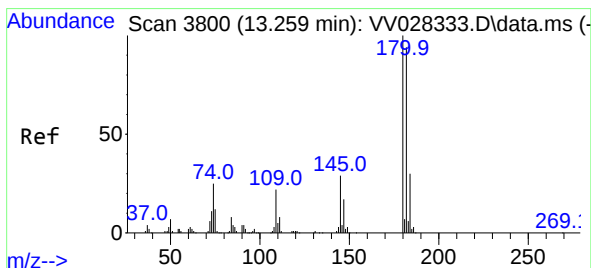
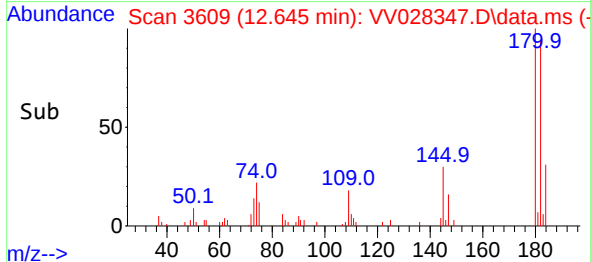
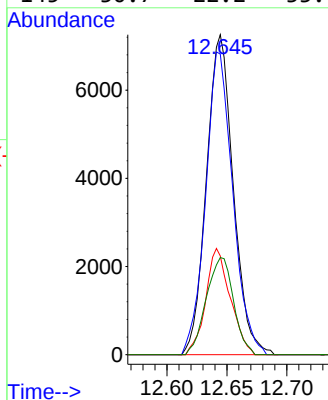


#69
 1,3,5-Trichlorobenzene
 Concen: 0.372 ug/L
 RT: 12.645 min Scan# 3608
 Delta R.T. 0.003 min
 Lab File: VV028347.D
 Acq: 05 Oct 2022 00:10

Instrument :
 MSVOA_V
 ClientSampleId :

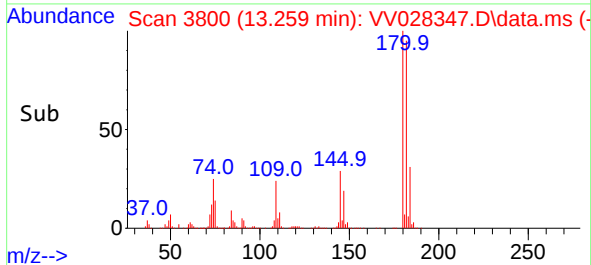
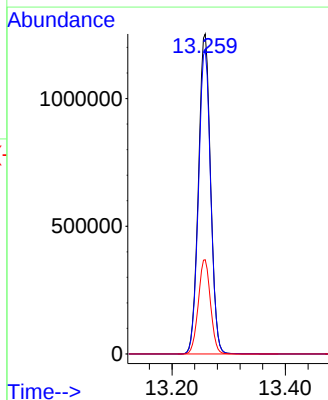
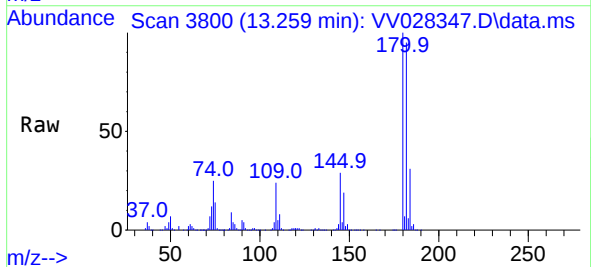


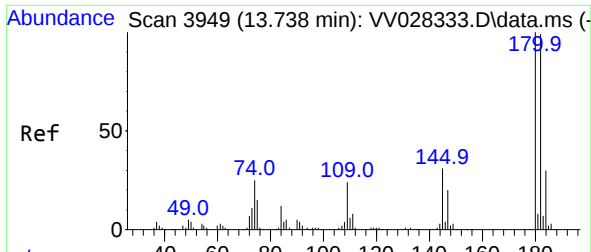
Tgt Ion:180 Resp: 11312
 Ion Ratio Lower Upper
 180 100
 182 95.7 75.5 113.3
 184 30.4 23.7 35.5
 145 30.7 22.2 33.4



#70
 1,2,4-trichlorobenzene
 Concen: 80.034 ug/L
 RT: 13.259 min Scan# 3800
 Delta R.T. 0.000 min
 Lab File: VV028347.D
 Acq: 05 Oct 2022 00:10

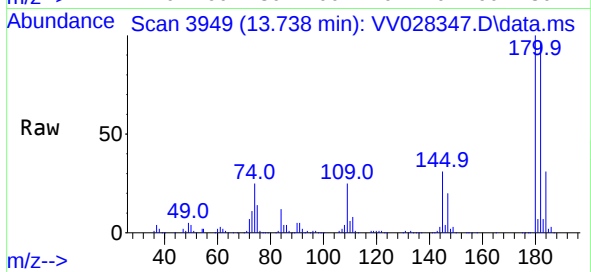
Tgt Ion:180 Resp: 1857079
 Ion Ratio Lower Upper
 180 100
 182 95.4 76.3 114.5
 145 29.5 22.9 34.3





#72
1,2,3-Trichlorobenzene
Concen: 39.619 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VV028347.D
Acq: 05 Oct 2022 00:10

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion:180 Resp: 828695
Ion Ratio Lower Upper
180 100
182 96.0 77.4 116.0
145 31.1 24.6 36.8

