

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029081.D
 Acq On : 17 Nov 2022 22:32
 Operator : SY/MD
 Sample : N5687-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCC6

Quant Time: Nov 18 06:00:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 04:35:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	220912	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	208594	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	96915	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	51905	3.854	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.558	69	46526	3.930	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.600%
11) 1,1-Dichloroethene-d2	2.098	63	72202	2.942	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.800%#
20) 2-Butanone-d5	3.957	46	127783	56.680	ug/L	0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.360%
24) Chloroform-d	4.336	84	131100	4.741	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.027	65	64288	5.168	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.400%
32) Benzene-d6	5.034	84	256867	4.126	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.600%
36) 1,2-Dichloropropane-d6	6.056	67	59235	3.407	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.200%
41) Toluene-d8	7.297	98	260045	4.640	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.609	79	26155	4.612	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.104	63	113265	46.796	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.600%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	64513	5.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.000%
66) 1,2-Dichlorobenzene-d4	11.615	152	101125	5.832	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.600%
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	1896	0.124	ug/L	93
6) Bromomethane	1.516	94	527	0.051	ug/L	96
12) 1,1-Dichloroethene	2.111	96	2634	0.197	ug/L #	1
18) trans-1,2-Dichloroethene	2.744	96	17449	1.125	ug/L	88
19) 1,1-Dichloroethane	3.178	63	20256	0.799	ug/L #	96
21) 2-Butanone	4.104	43	32544	14.494	ug/L #	72
22) cis-1,2-Dichloroethene	3.895	96	373558	23.690	ug/L	88
25) Chloroform	4.371	83	1844	0.069	ug/L	96
29) 1,1,1-Trichloroethane	4.590	97	95042	3.883	ug/L	96
31) Carbon tetrachloride	4.590	117	12743	0.605	ug/L	95
34) Trichloroethene	5.892	95	1083036	66.368	ug/L	93
35) Methylcyclohexane	6.056	83	18616	0.649	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	7575	0.515	ug/L #	87
39) cis-1,3-Dichloropropene	6.973	75	2163	0.105	ug/L #	42
47) Tetrachloroethene	7.960	164	1213	0.093	ug/L #	88
61) 1,2,3-Trichloropropane	11.239	75	9199	1.389	ug/L #	64

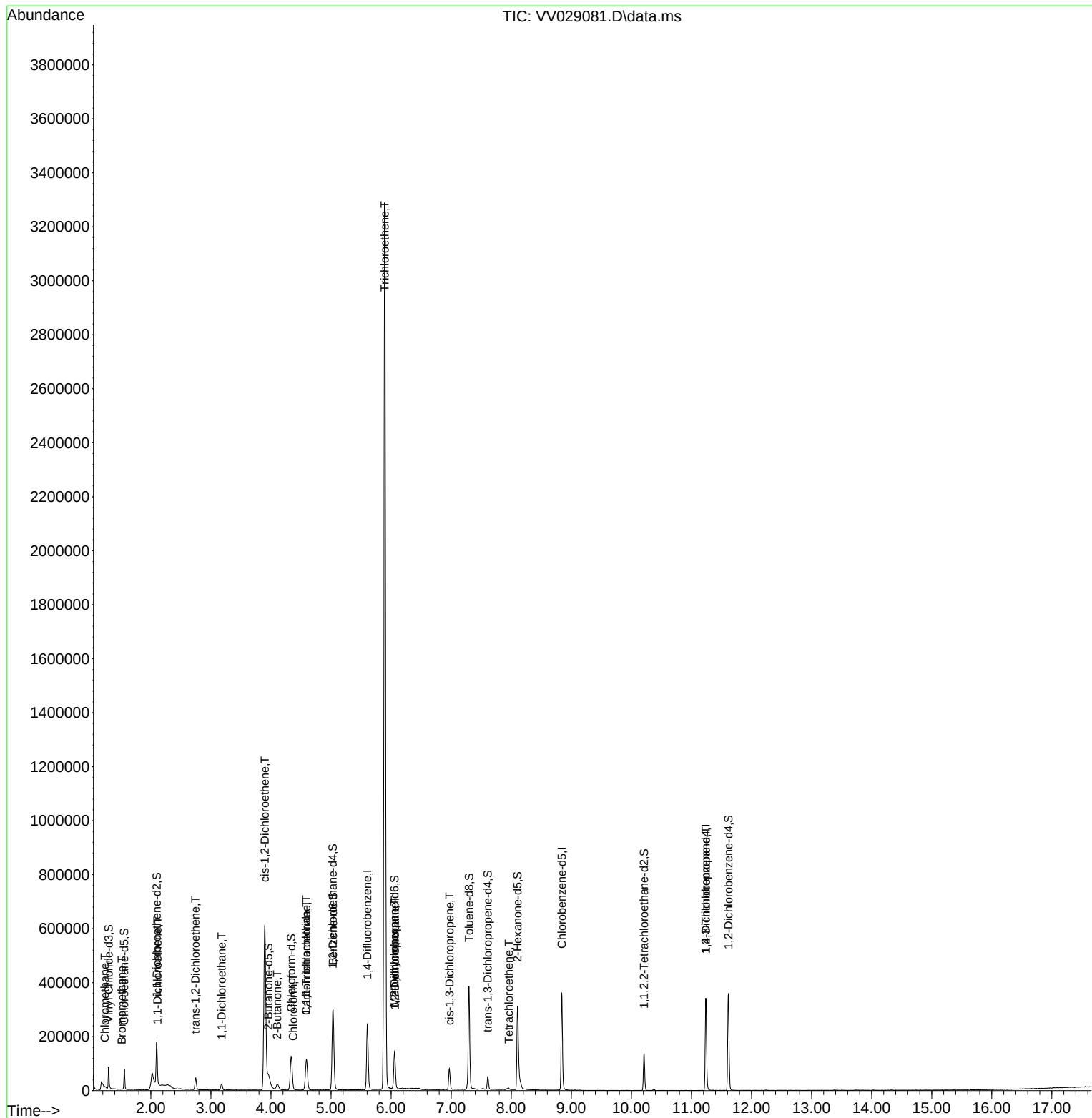
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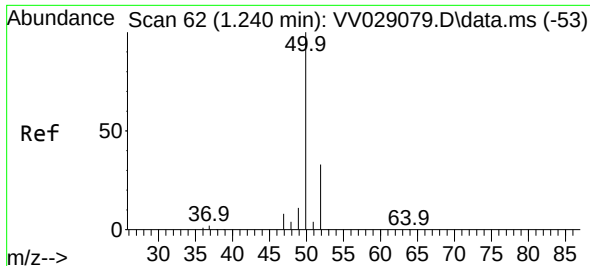
Instrument :
MSVOA_V
ClientSampleId :
BGCC6

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

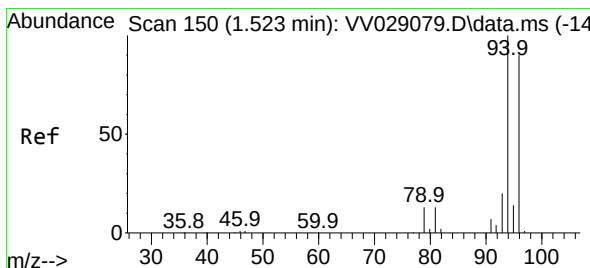
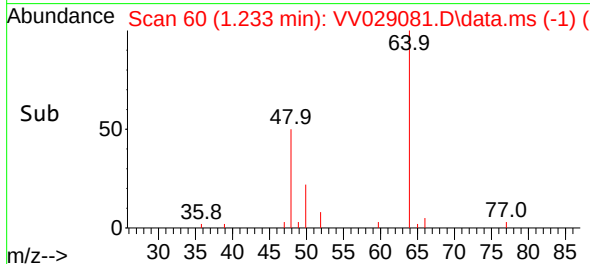
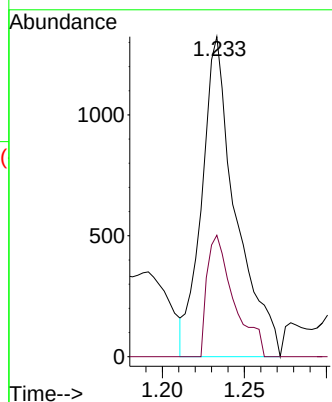
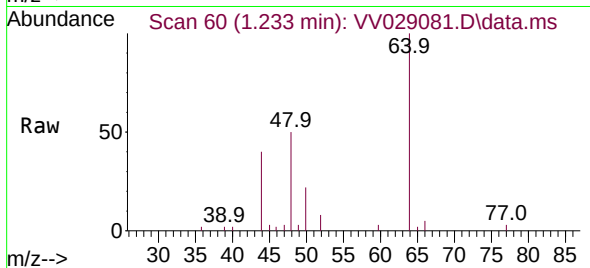




#3
Chloromethane
Concen: 0.124 ug/L
RT: 1.233 min Scan# 60
Delta R.T. -0.007 min
Lab File: VV029081.D
Acq: 17 Nov 2022 22:32

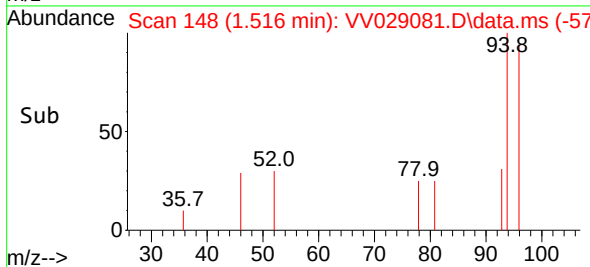
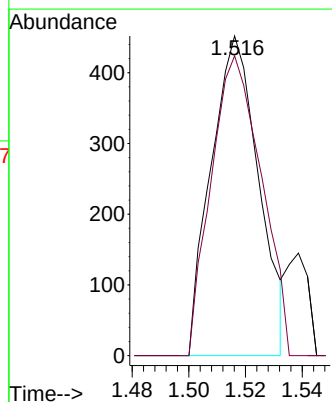
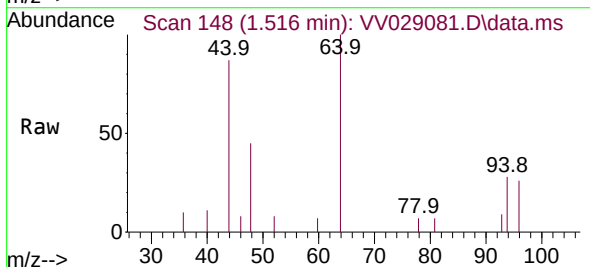
Instrument :
MSVOA_V
ClientSampleId :
BGCC6

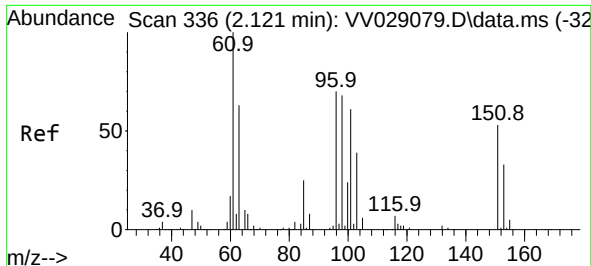
Tgt Ion: 50 Resp: 1896
Ion Ratio Lower Upper
50 100
52 37.9 23.7 43.9



#6
Bromomethane
Concen: 0.051 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.007 min
Lab File: VV029081.D
Acq: 17 Nov 2022 22:32

Tgt Ion: 94 Resp: 527
Ion Ratio Lower Upper
94 100
96 93.8 68.5 127.3

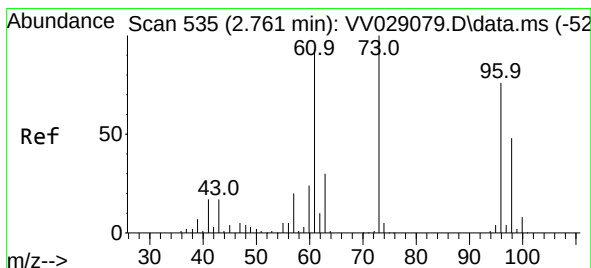
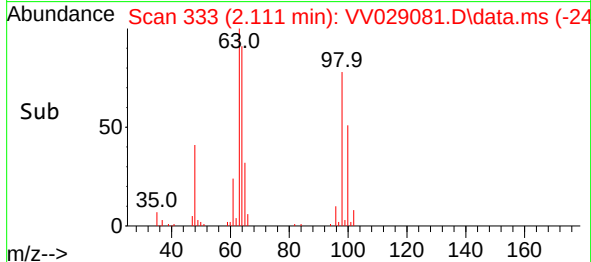
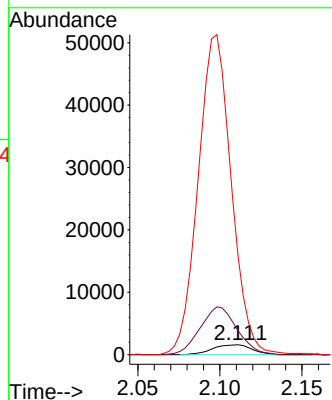
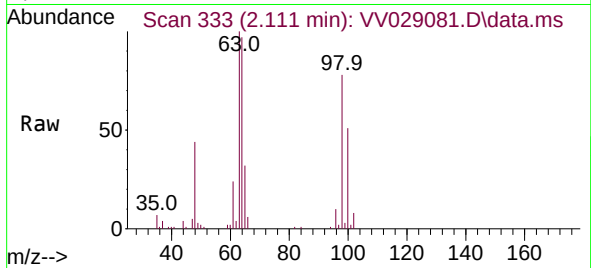




#12
1,1-Dichloroethene
Concen: 0.197 ug/L
RT: 2.111 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV029081.D
Acq: 17 Nov 2022 22:32

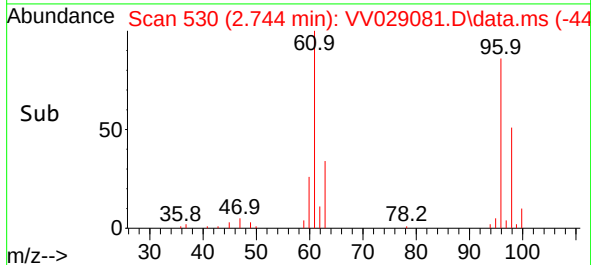
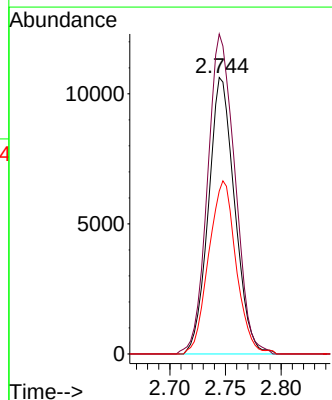
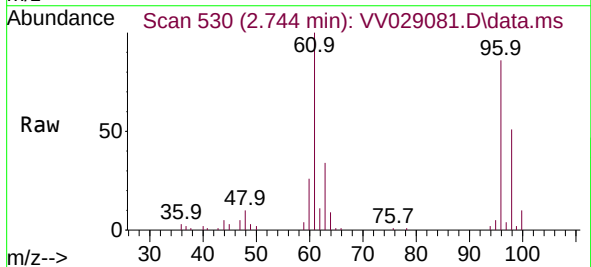
Instrument :
MSVOA_V
ClientSampleId :
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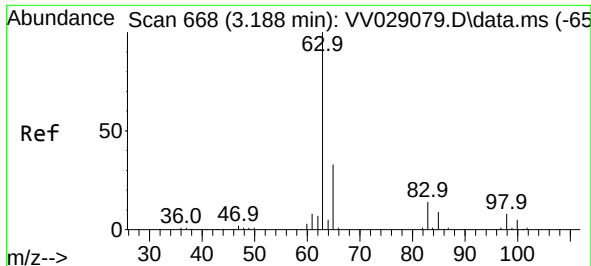
Tgt Ion: 96 Resp: 2634
Ion Ratio Lower Upper
96 100
61 241.3 104.2 193.4#
63 999.1 75.9 140.9#



#18
trans-1,2-Dichloroethene
Concen: 1.125 ug/L
RT: 2.744 min Scan# 530
Delta R.T. -0.016 min
Lab File: VV029081.D
Acq: 17 Nov 2022 22:32

Tgt Ion: 96 Resp: 17449
Ion Ratio Lower Upper
96 100
61 115.7 91.8 170.6
98 58.9 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.799 ug/L

RT: 3.178 min Scan# 60

Delta R.T. -0.010 min

Lab File: VV029081.D

Acq: 17 Nov 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

BGCC6

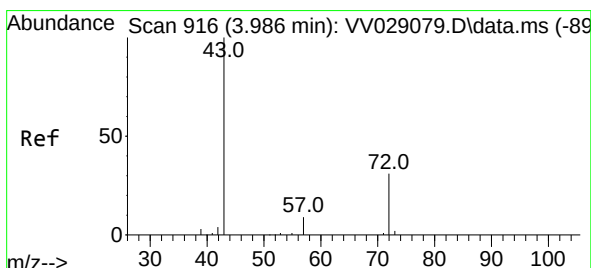
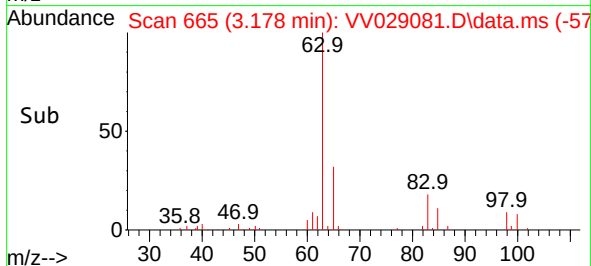
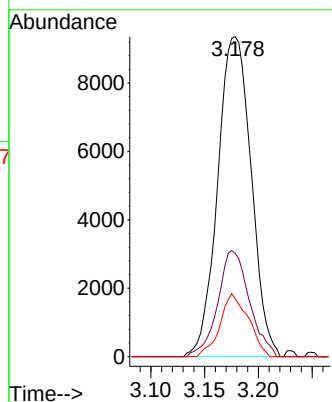
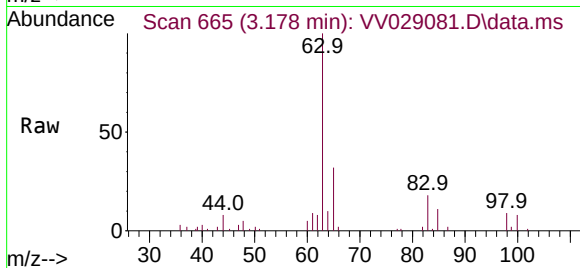
Tgt Ion: 63 Resp: 20256

Ion Ratio Lower Upper

63 100

65 32.3 23.0 42.6

83 18.0 9.4 17.6#



#21

2-Butanone

Concen: 14.494 ug/L

RT: 4.104 min Scan# 953

Delta R.T. 0.119 min

Lab File: VV029081.D

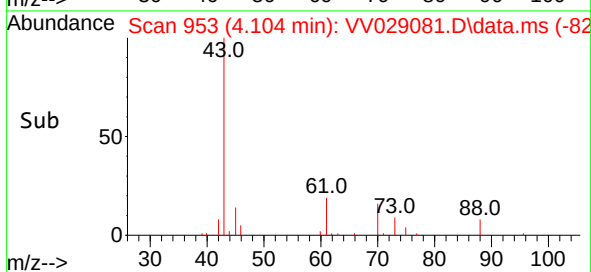
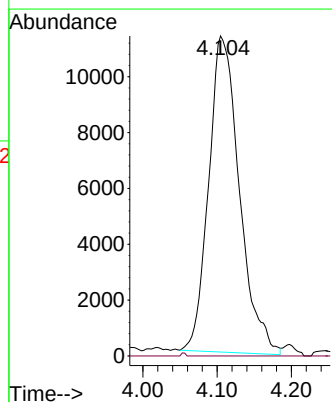
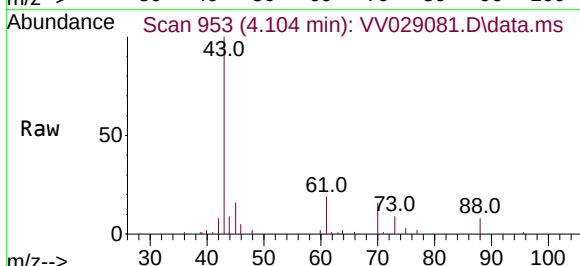
Acq: 17 Nov 2022 22:32

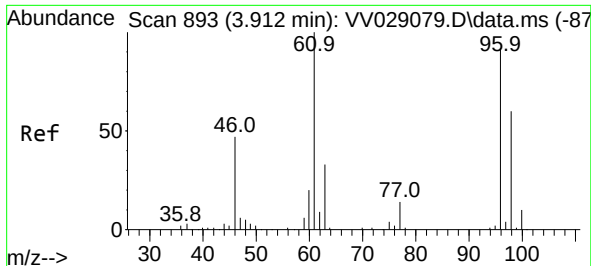
Tgt Ion: 43 Resp: 32544

Ion Ratio Lower Upper

43 100

72 10.2 11.9 35.9#





#22

cis-1,2-Dichloroethene

Concen: 23.690 ug/L

RT: 3.895 min Scan# 81

Delta R.T. -0.016 min

Lab File: VV029081.D

Acq: 17 Nov 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

BGCC6

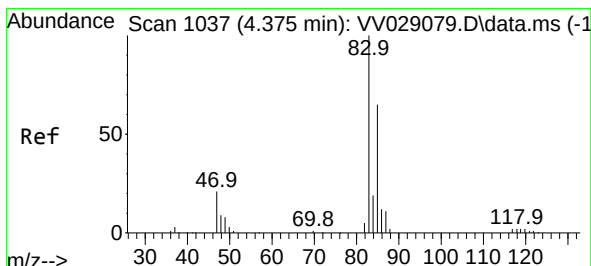
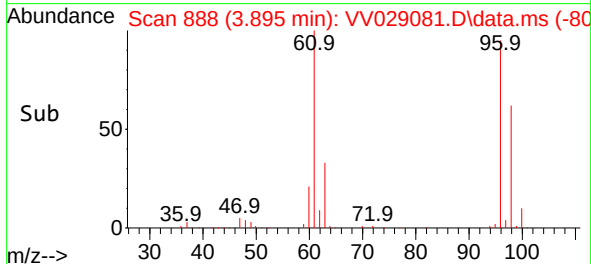
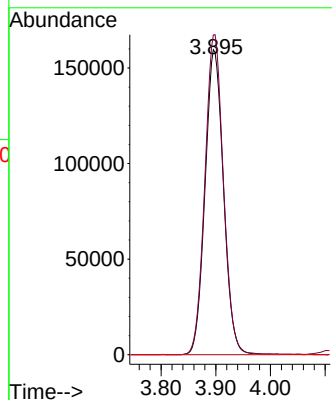
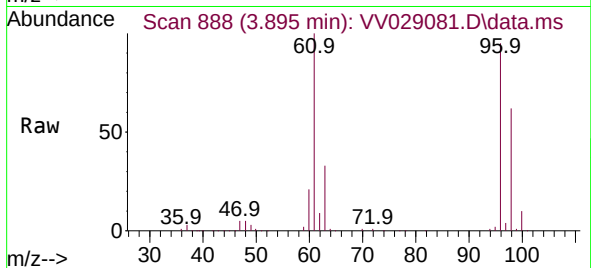
Tgt Ion: 96 Resp: 373558

Ion Ratio Lower Upper

96 100

61 104.8 82.3 152.9

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.069 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV029081.D

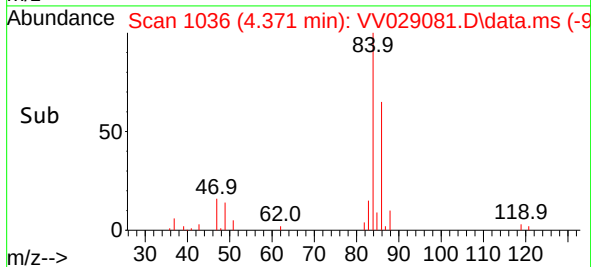
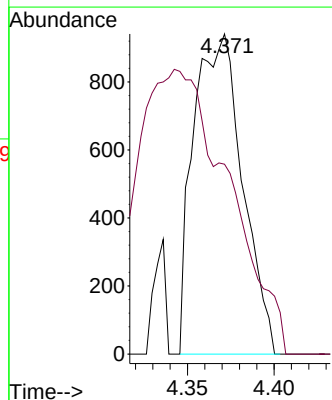
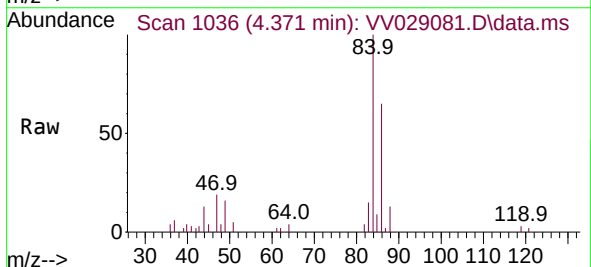
Acq: 17 Nov 2022 22:32

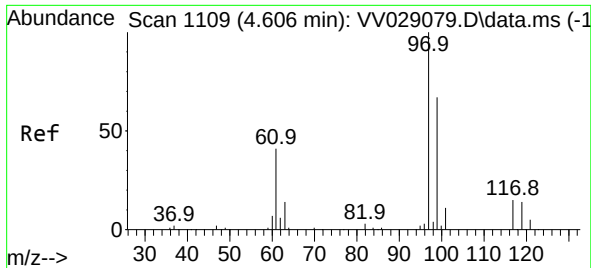
Tgt Ion: 83 Resp: 1844

Ion Ratio Lower Upper

83 100

85 59.3 43.7 81.1





#29

1,1,1-Trichloroethane

Concen: 3.883 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.016 min

Lab File: VV029081.D

Acq: 17 Nov 2022 22:32

Instrument :

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BGCC6

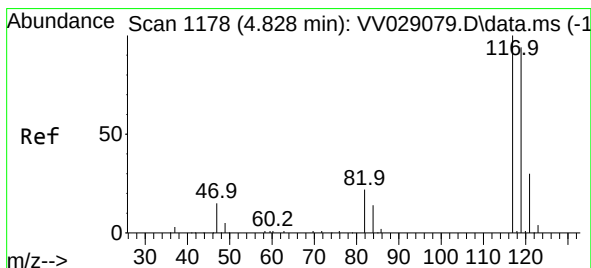
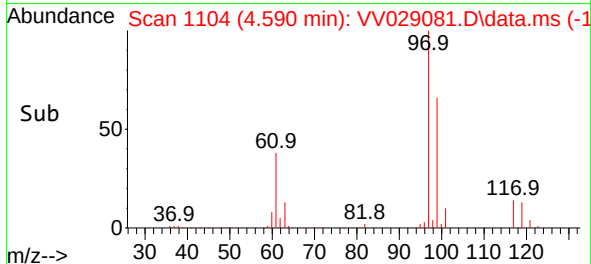
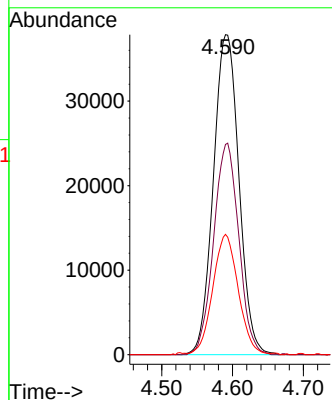
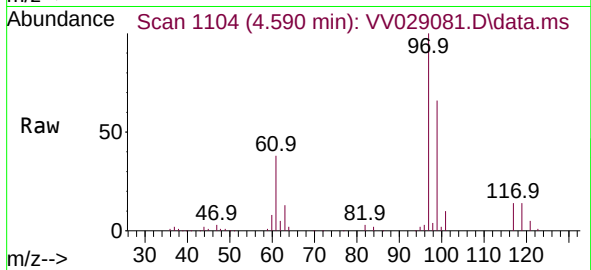
Tgt Ion: 97 Resp: 95042

Ion Ratio Lower Upper

97 100

99 64.9 52.7 79.1

61 36.5 33.8 50.6



#31

Carbon tetrachloride

Concen: 0.605 ug/L

RT: 4.590 min Scan# 1104

Delta R.T. -0.238 min

Lab File: VV029081.D

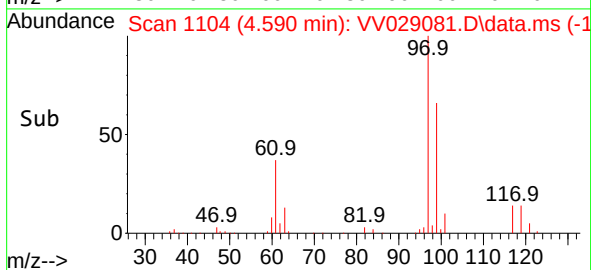
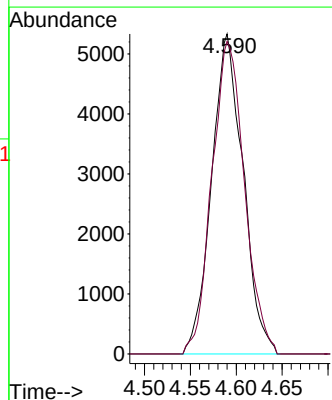
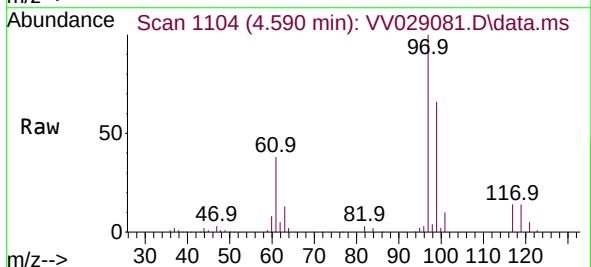
Acq: 17 Nov 2022 22:32

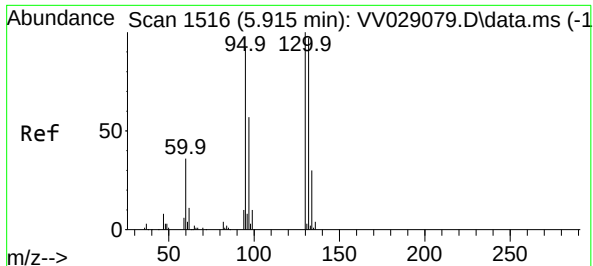
Tgt Ion: 117 Resp: 12743

Ion Ratio Lower Upper

117 100

119 101.0 77.0 115.6

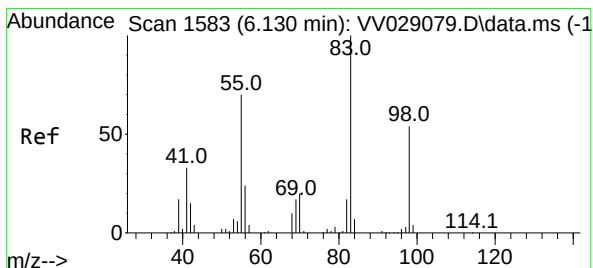
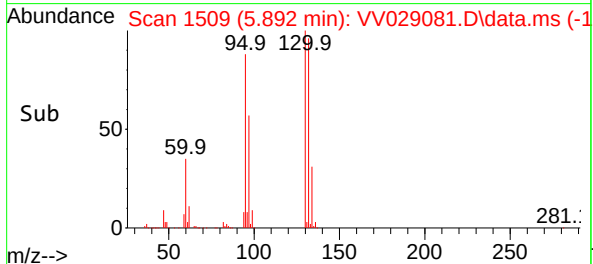
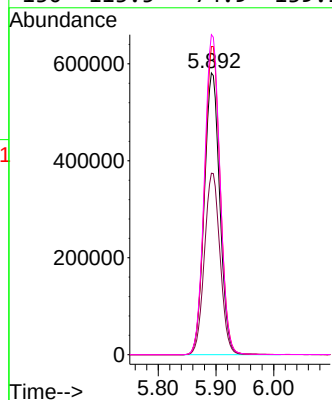
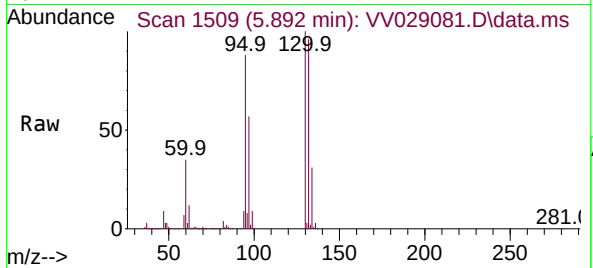




#34
Trichloroethene
Concen: 66.368 ug/L
RT: 5.892 min Scan# 11
Delta R.T. -0.023 min
Lab File: VV029081.D
Acq: 17 Nov 2022 22:32

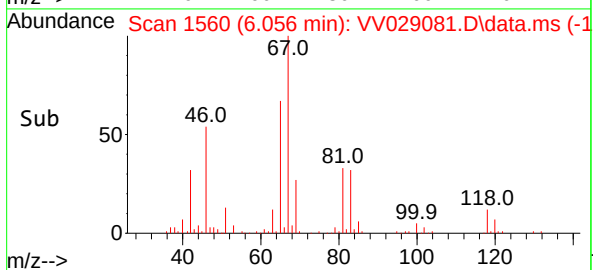
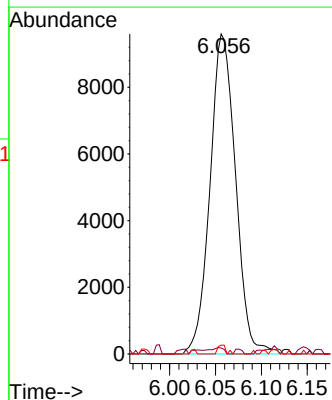
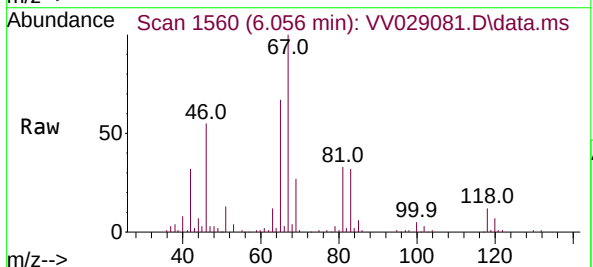
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BGCC6

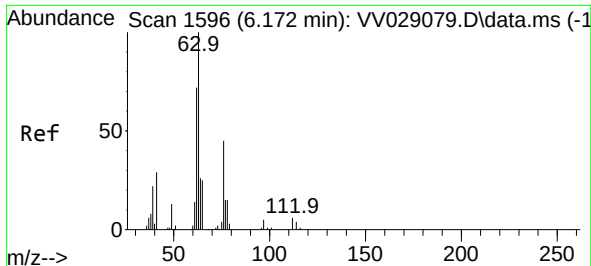
Tgt Ion: 95 Resp: 1083036
Ion Ratio Lower Upper
95 100
97 64.4 45.6 84.8
132 109.4 69.1 128.3
130 113.5 74.9 139.1



#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. -0.074 min
Lab File: VV029081.D
Acq: 17 Nov 2022 22:32

Tgt Ion: 83 Resp: 18616
Ion Ratio Lower Upper
83 100
55 1.1 55.8 83.6#
98 0.0 38.2 57.2#

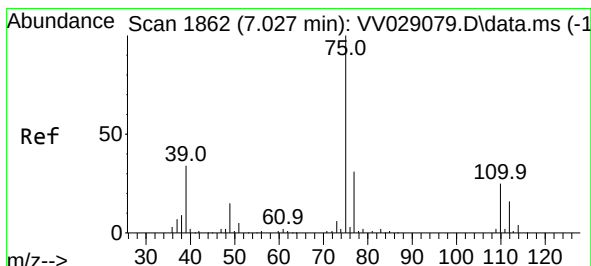
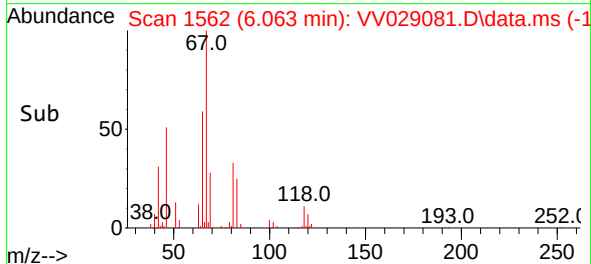
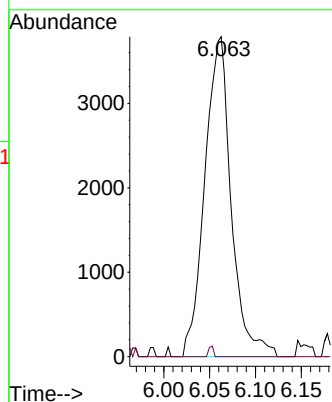
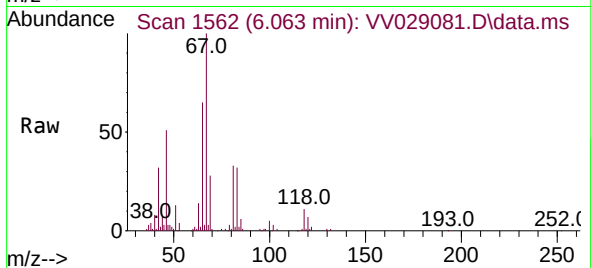




#37
1,2-Dichloropropane
Concen: 0.515 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.109 min
Lab File: VV029081.D
Acq: 17 Nov 2022 22:32

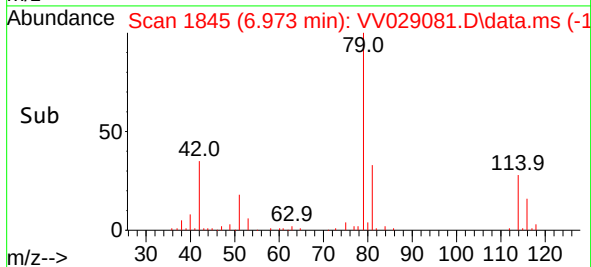
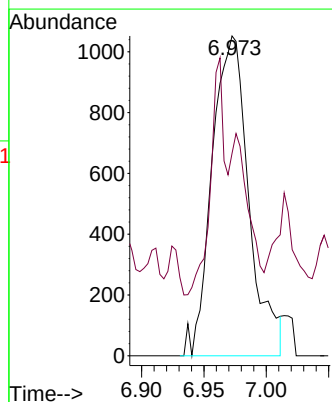
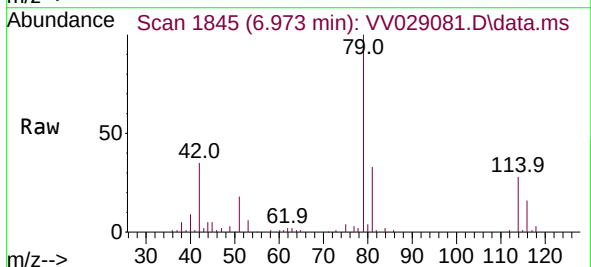
Instrument :
MSVOA_V
ClientSampleId :
BGCC6

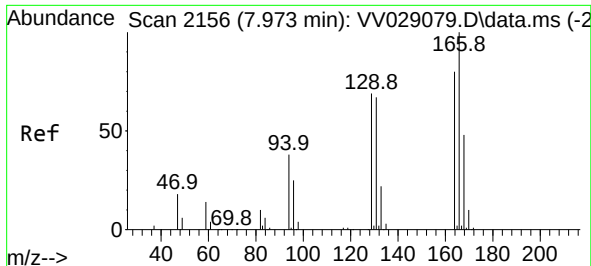
Tgt Ion: 63 Resp: 7575
Ion Ratio Lower Upper
63 100
112 0.6 4.0 6.0#



#39
cis-1,3-Dichloropropene
Concen: 0.105 ug/L
RT: 6.973 min Scan# 1845
Delta R.T. -0.055 min
Lab File: VV029081.D
Acq: 17 Nov 2022 22:32

Tgt Ion: 75 Resp: 2163
Ion Ratio Lower Upper
75 100
77 63.3 21.8 40.6#





#47

Tetrachloroethene

Concen: 0.093 ug/L

RT: 7.960 min Scan# 2156

Delta R.T. -0.013 min

Lab File: VV029081.D

Acq: 17 Nov 2022 22:32

Instrument :

MSVOA_V

ClientSampleId :

BGCC6

Tgt Ion:164 Resp: 1213

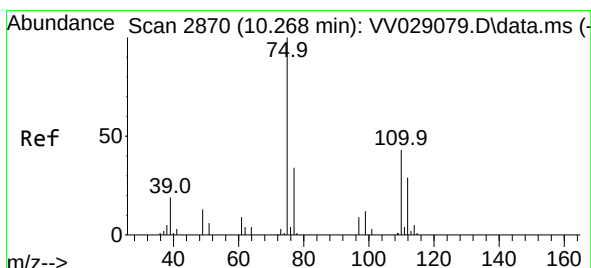
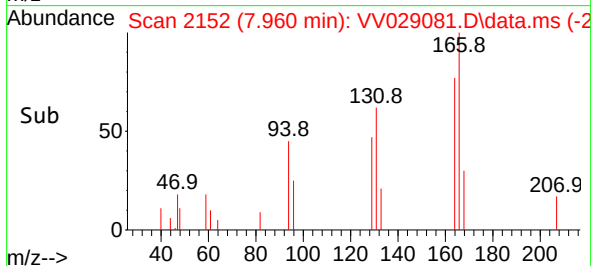
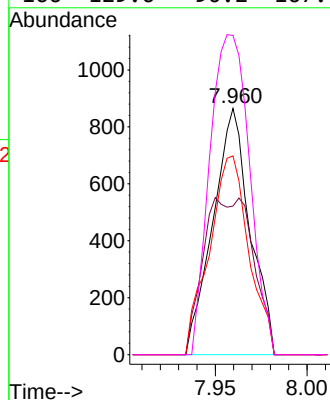
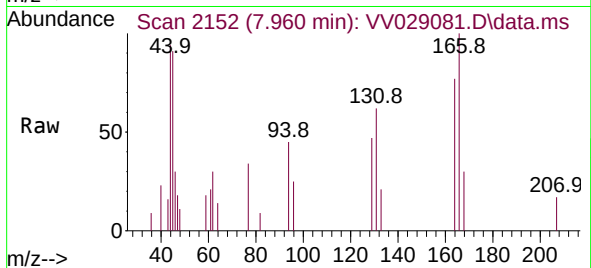
Ion Ratio Lower Upper

164 100

129 60.3 63.9 118.7#

131 80.7 61.8 114.8

166 129.6 90.2 167.4



#61

1,2,3-Trichloropropane

Concen: 1.389 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV029081.D

Acq: 17 Nov 2022 22:32

Tgt Ion: 75 Resp: 9199

Ion Ratio Lower Upper

75 100

77 34.1 26.2 39.2

110 1.4 32.6 48.8#

