

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111922\
 Data File : VW029162.D
 Acq On : 19 Nov 2022 11:44
 Operator : SY/MD
 Sample : N5687-03DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCC6DL

Quant Time: Nov 20 00:56:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Nov 20 00:53:03 2022
 Response via : Initial Calibration

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

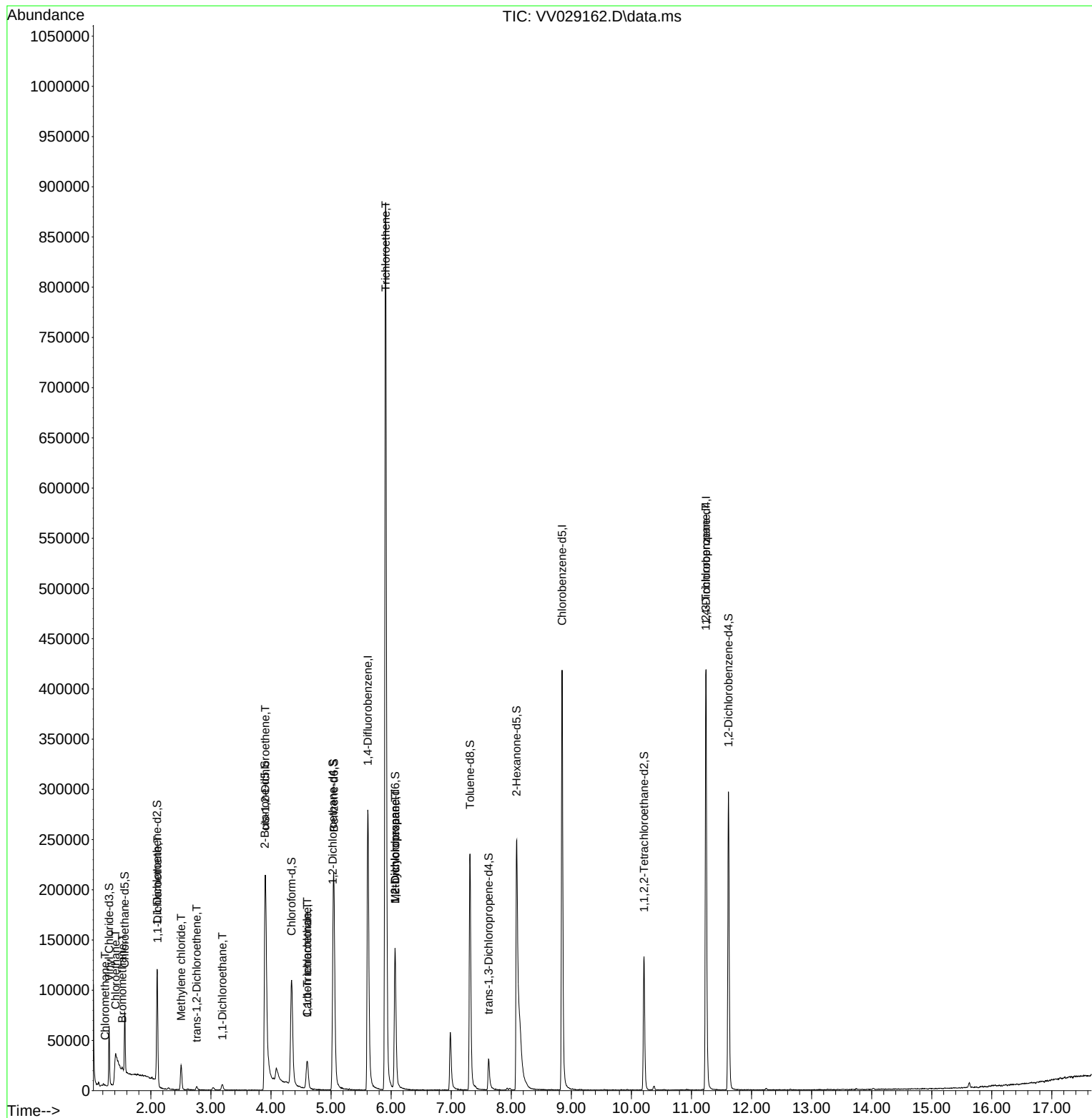
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	266052	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	251678	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	121291	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40313	2.485	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	49.800%
7) Chloroethane-d5	1.564	69	39691	2.784	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	55.600%#
11) 1,1-Dichloroethene-d2	2.105	63	56574	1.914	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	38.200%#
20) 2-Butanone-d5	3.899	46	79489	29.276	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.560%
24) Chloroform-d	4.342	84	115553	3.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	69.400%#
26) 1,2-Dichloroethane-d4	5.031	65	55823	3.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.600%
32) Benzene-d6	5.047	84	206704	2.752	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	55.000%#
36) 1,2-Dichloropropane-d6	6.066	67	73346	3.496	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	70.000%
41) Toluene-d8	7.313	98	174842	2.586	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	51.800%#
43) trans-1,3-Dichloroprop...	7.622	79	21042	3.076	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.600%
46) 2-Hexanone-d5	8.088	63	132357	45.323	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.640%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	69799	4.799	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	84955	3.915	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	78.200%#
Target Compounds						Qvalue
3) Chloromethane	1.236	50	811	0.044	ug/L	92
6) Bromomethane	1.523	94	676	0.054	ug/L	99
8) Chloroethane	1.413	64	78811	6.388	ug/L #	51
12) 1,1-Dichloroethene	2.111	96	1709	0.106	ug/L #	1
16) Methylene chloride	2.503	84	11037	0.530	ug/L	96
18) trans-1,2-Dichloroethene	2.764	96	1617	0.087	ug/L	81
19) 1,1-Dichloroethane	3.191	63	5938	0.194	ug/L	98
22) cis-1,2-Dichloroethene	3.905	96	102158	5.379	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	23128	0.783	ug/L	98
31) Carbon tetrachloride	4.606	117	3031	0.119	ug/L	95
34) Trichloroethene	5.908	95	319377	16.221	ug/L	99
35) Methylcyclohexane	6.066	83	17476	0.505	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	7496	0.423	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	13719	1.655	ug/L #	64

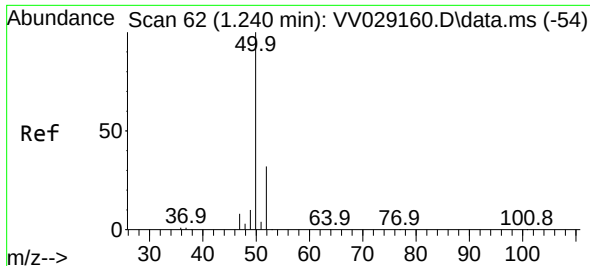
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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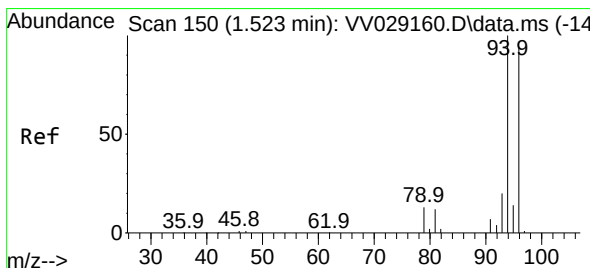
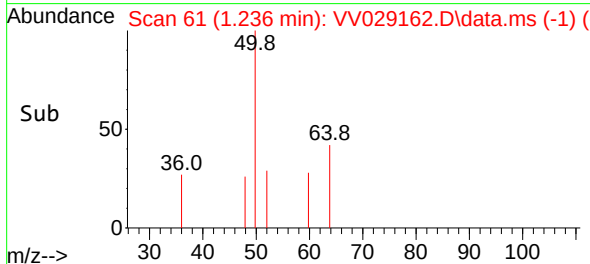
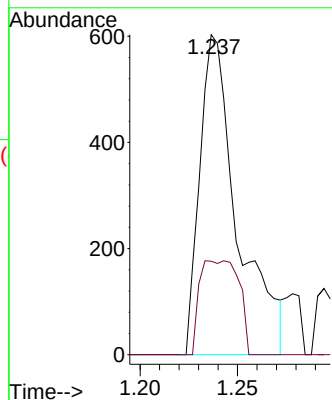
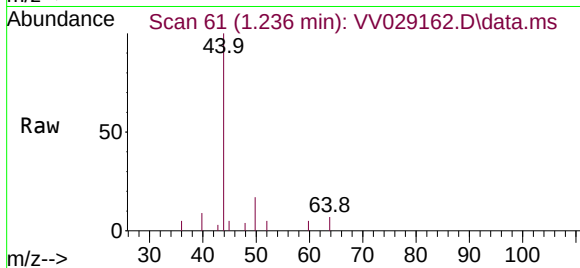




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV029162.D
Acq: 19 Nov 2022 11:44

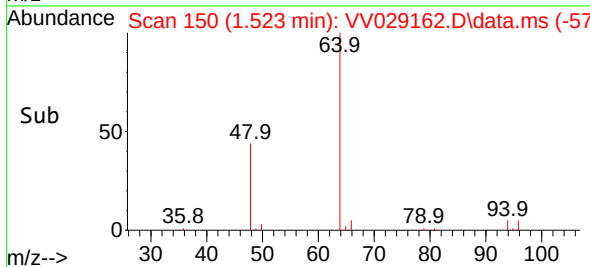
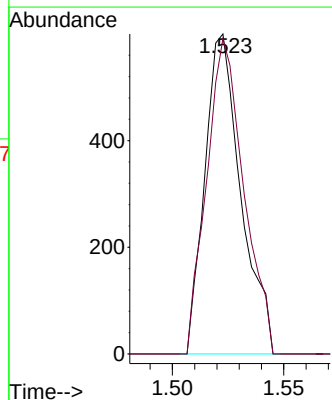
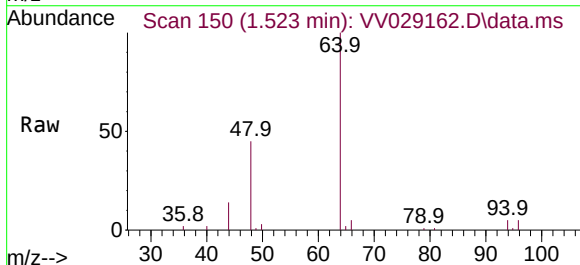
Instrument :
MSVOA_V
ClientSampleId :
BGCC6DL

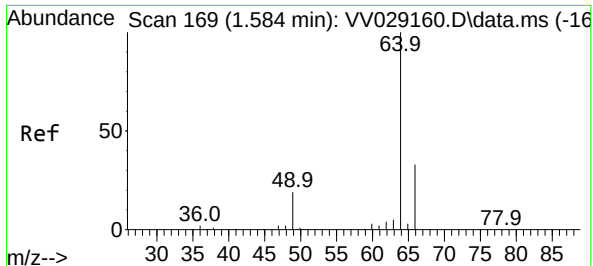
Tgt Ion: 50 Resp: 811
Ion Ratio Lower Upper
50 100
52 29.2 23.7 43.9



#6
Bromomethane
Concen: 0.054 ug/L
RT: 1.523 min Scan# 150
Delta R.T. -0.000 min
Lab File: VV029162.D
Acq: 19 Nov 2022 11:44

Tgt Ion: 94 Resp: 676
Ion Ratio Lower Upper
94 100
96 98.5 68.5 127.3

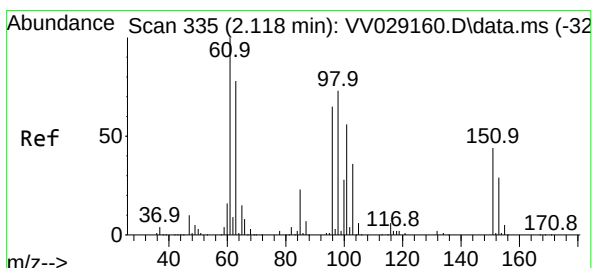
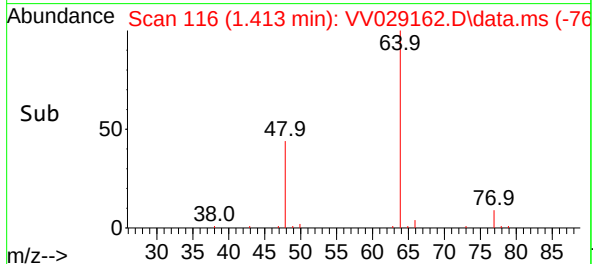
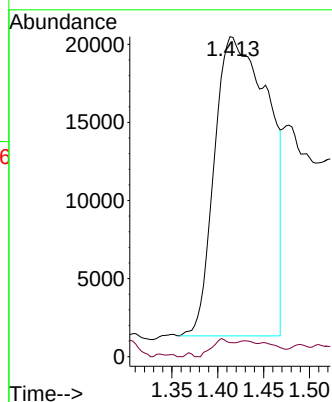
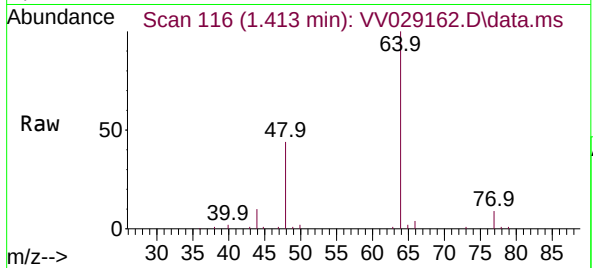




#8
Chloroethane
Concen: 6.388 ug/L
RT: 1.413 min Scan# 116
Delta R.T. -0.171 min
Lab File: VV029162.D
Acq: 19 Nov 2022 11:44

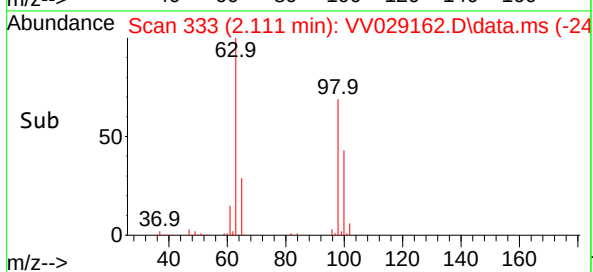
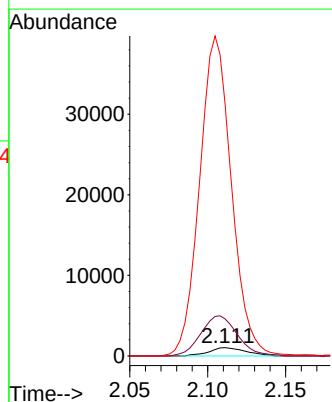
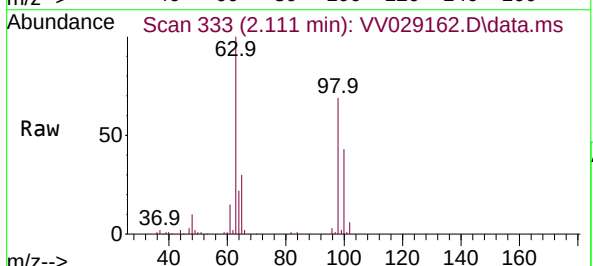
Instrument :
MSVOA_V
ClientSampleId :
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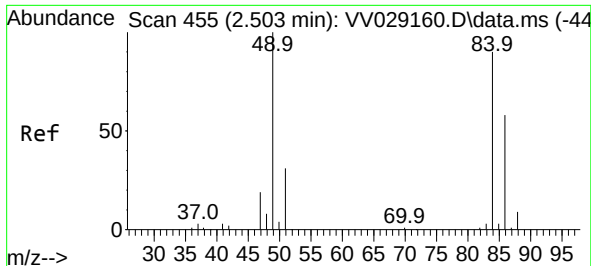
Tgt Ion: 64 Resp: 78811
Ion Ratio Lower Upper
64 100
66 4.4 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.106 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.007 min
Lab File: VV029162.D
Acq: 19 Nov 2022 11:44

Tgt Ion: 96 Resp: 1709
Ion Ratio Lower Upper
96 100
61 449.7 104.2 193.4#
63 3067.2 75.9 140.9#

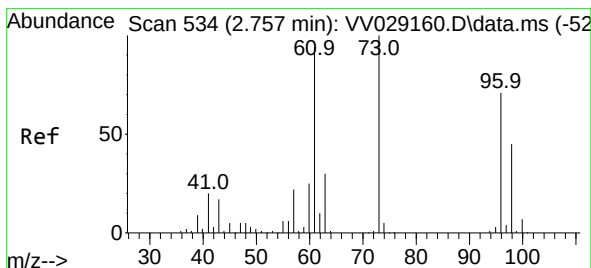
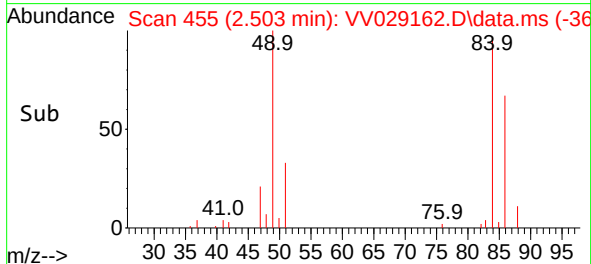
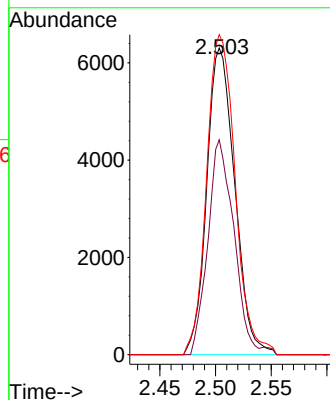
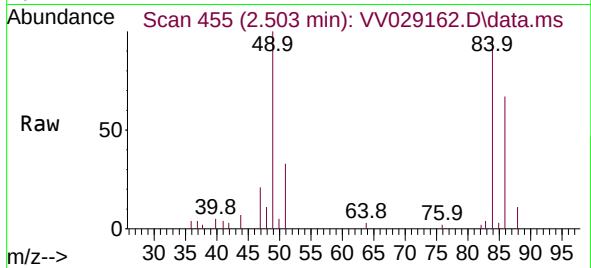




#16
Methylene chloride
Concen: 0.530 ug/L
RT: 2.503 min Scan# 411
Delta R.T. -0.000 min
Lab File: VV029162.D
Acq: 19 Nov 2022 11:44

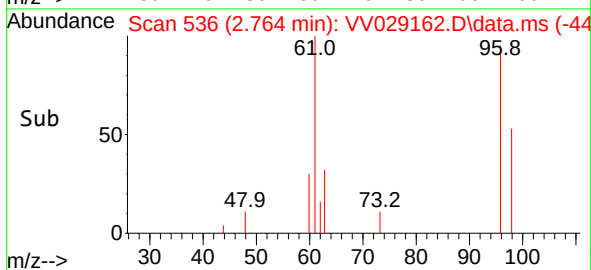
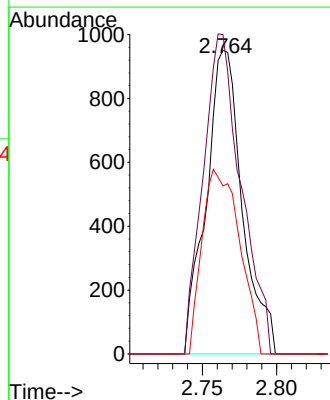
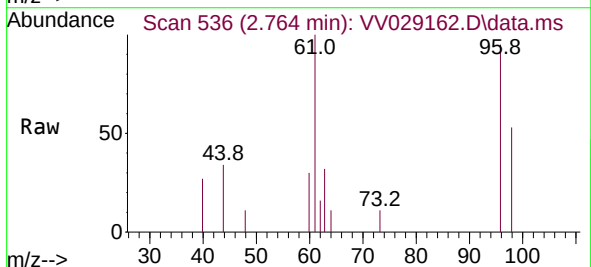
Instrument :
MSVOA_V
ClientSampleId :
BGCC6DL

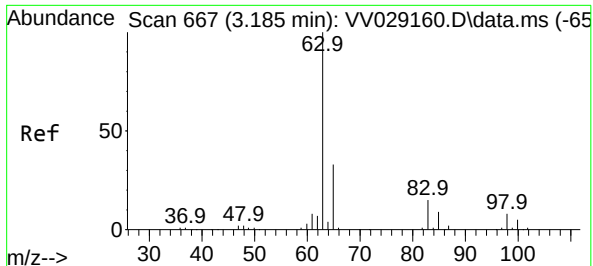
Tgt Ion: 84 Resp: 11037
Ion Ratio Lower Upper
84 100
86 70.1 45.8 85.0
49 104.3 75.5 140.1



#18
trans-1,2-Dichloroethene
Concen: 0.087 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV029162.D
Acq: 19 Nov 2022 11:44

Tgt Ion: 96 Resp: 1617
Ion Ratio Lower Upper
96 100
61 105.2 91.8 170.6
98 55.3 46.4 86.2





#19

1,1-Dichloroethane

Concen: 0.194 ug/L

RT: 3.191 min Scan# 6

Delta R.T. 0.006 min

Lab File: VV029162.D

Acq: 19 Nov 2022 11:44

Instrument :

MSVOA_V

ClientSampleId :

BGCC6DL

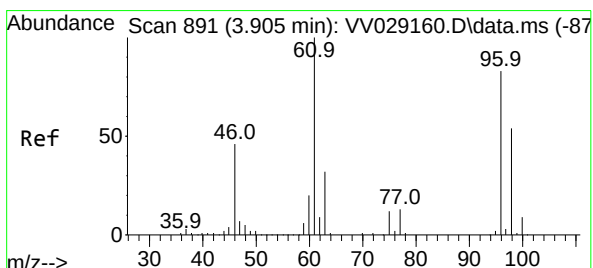
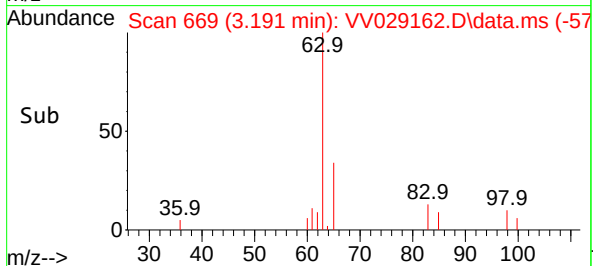
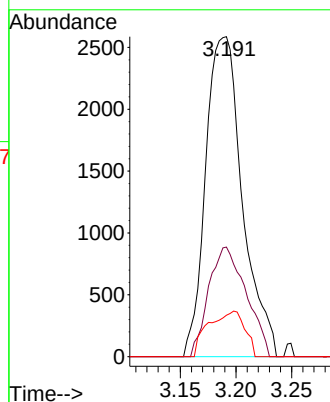
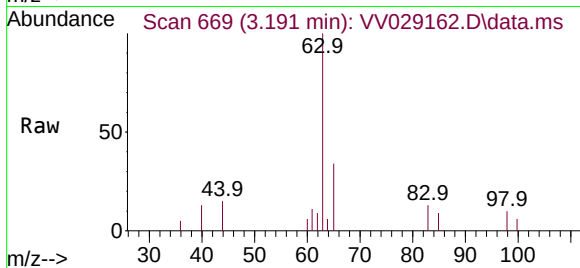
Tgt Ion: 63 Resp: 5938

Ion Ratio Lower Upper

63 100

65 32.3 23.0 42.6

83 12.2 9.4 17.6



#22

cis-1,2-Dichloroethene

Concen: 5.379 ug/L

RT: 3.905 min Scan# 891

Delta R.T. -0.000 min

Lab File: VV029162.D

Acq: 19 Nov 2022 11:44

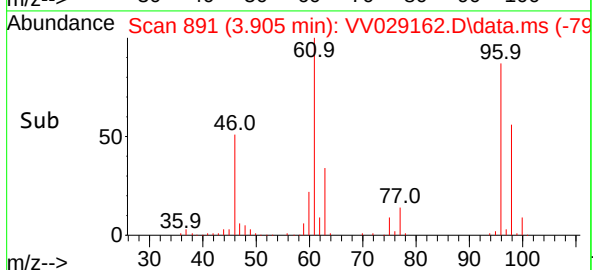
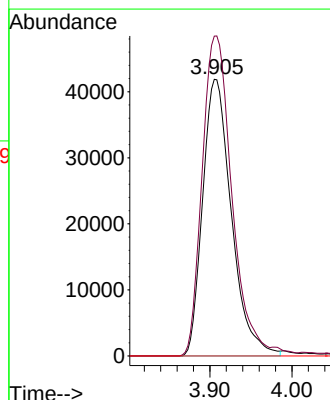
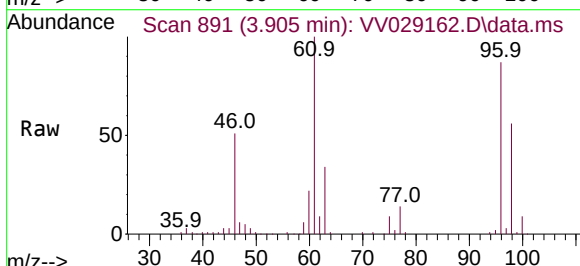
Tgt Ion: 96 Resp: 102158

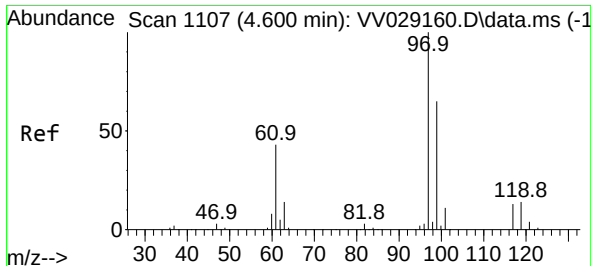
Ion Ratio Lower Upper

96 100

61 115.6 82.3 152.9

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.783 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.006 min

Lab File: VV029162.D

Acq: 19 Nov 2022 11:44

Instrument :

MSVOA_V

ClientSampleId :

BGCC6DL

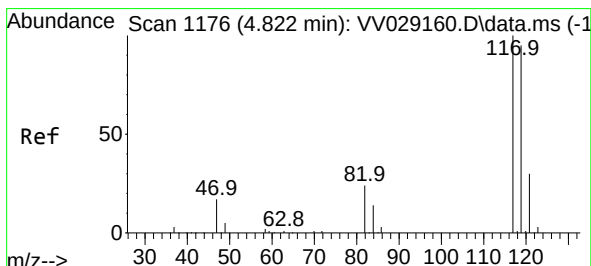
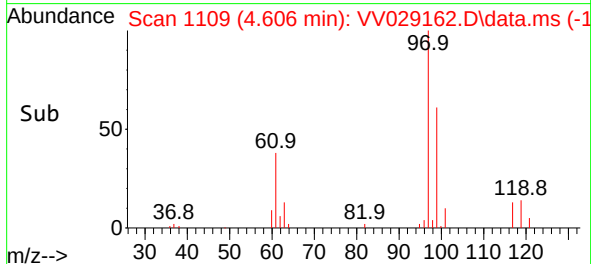
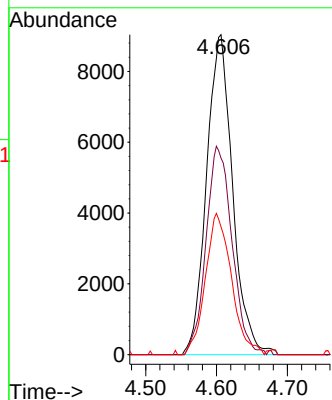
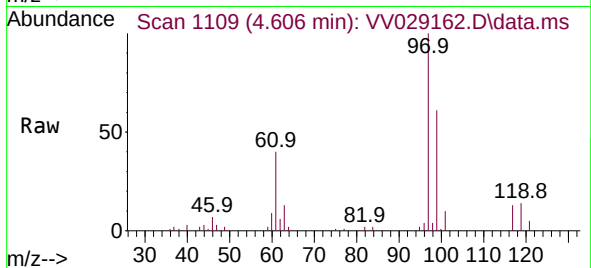
Tgt Ion: 97 Resp: 23128

Ion Ratio Lower Upper

97 100

99 64.9 52.7 79.1

61 44.0 33.8 50.6



#31

Carbon tetrachloride

Concen: 0.119 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.216 min

Lab File: VV029162.D

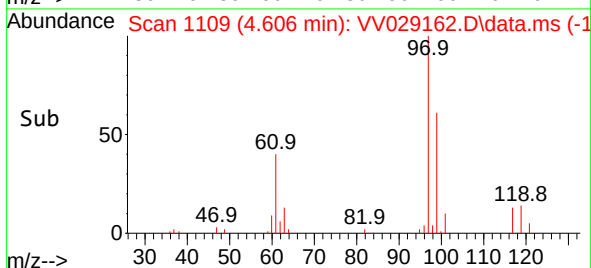
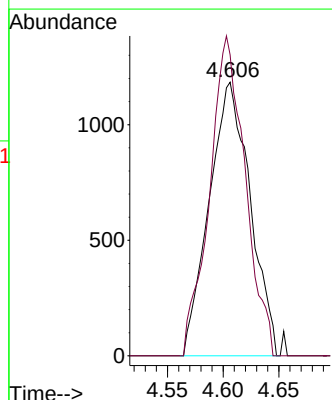
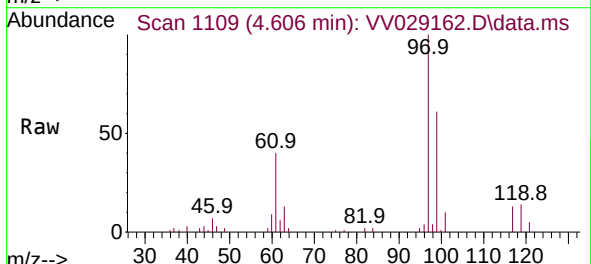
Acq: 19 Nov 2022 11:44

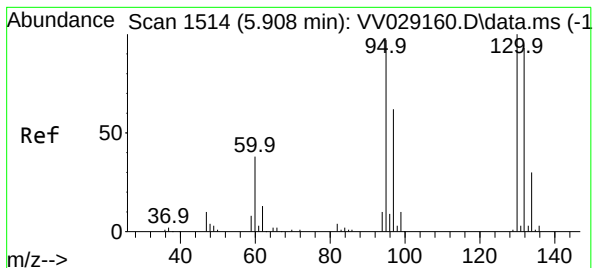
Tgt Ion: 117 Resp: 3031

Ion Ratio Lower Upper

117 100

119 101.5 77.0 115.6





#34

Trichloroethene

Concen: 16.221 ug/L

RT: 5.908 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV029162.D

Acq: 19 Nov 2022 11:44

Instrument :

MSVOA_V

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BGCC6DL

Tgt Ion: 95 Resp: 319377

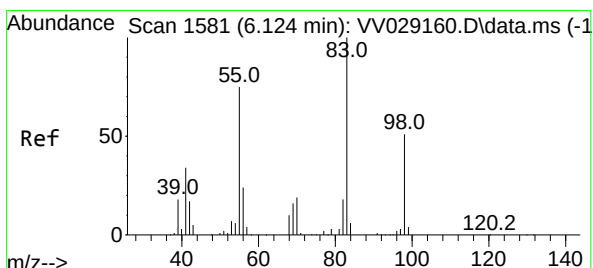
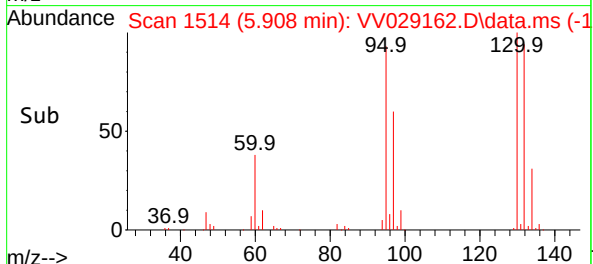
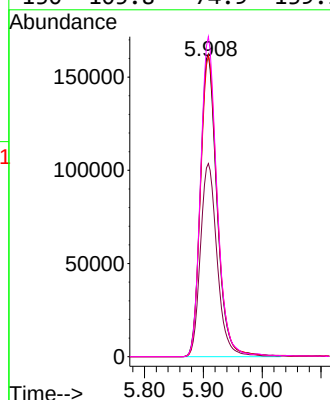
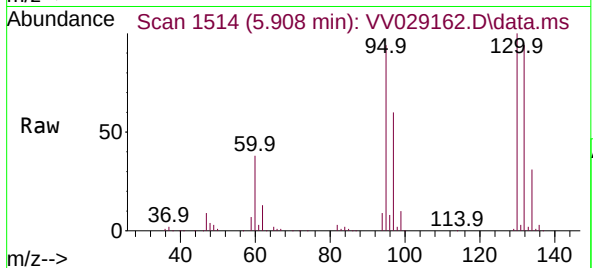
Ion Ratio Lower Upper

95 100

97 63.9 45.6 84.8

132 99.7 69.1 128.3

130 105.8 74.9 139.1



#35

Methylcyclohexane

Concen: 0.505 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV029162.D

Acq: 19 Nov 2022 11:44

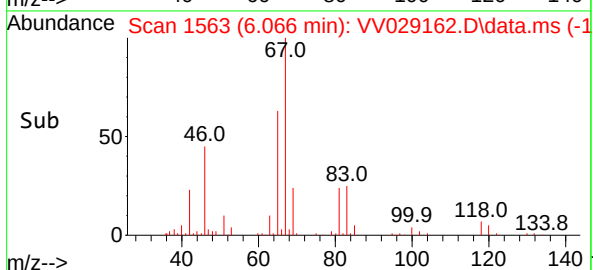
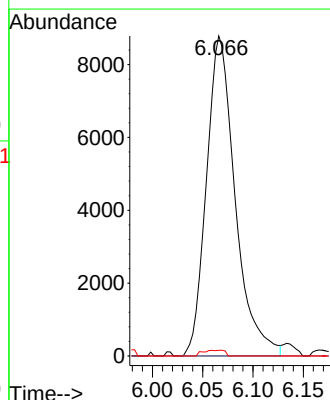
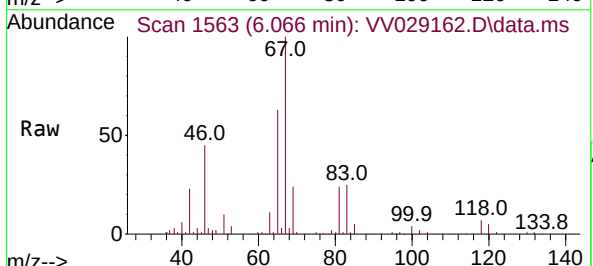
Tgt Ion: 83 Resp: 17476

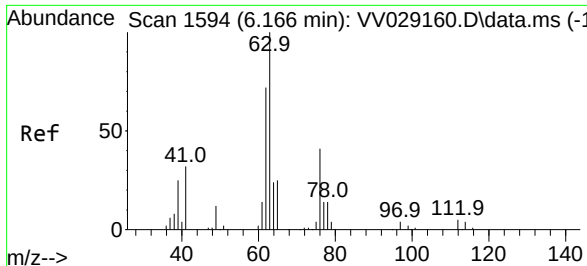
Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.0 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.423 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV029162.D

Acq: 19 Nov 2022 11:44

Instrument :

MSVOA_V

ClientSampleId :

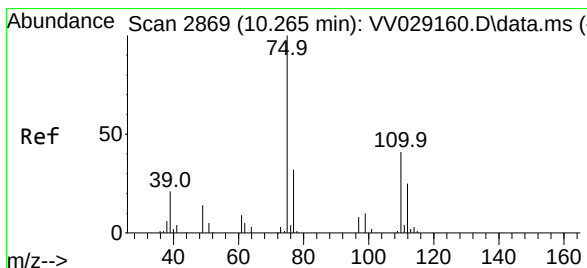
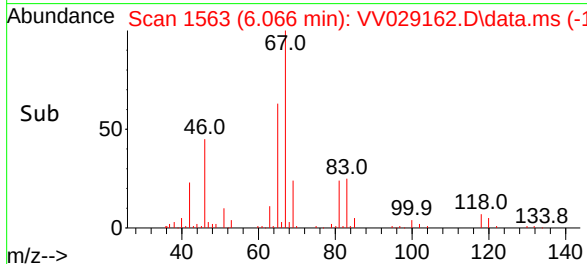
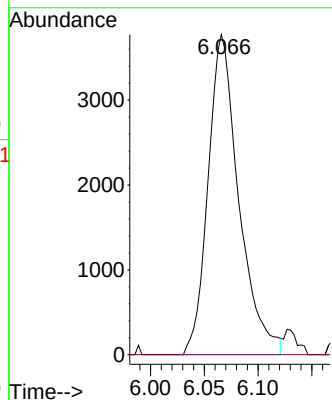
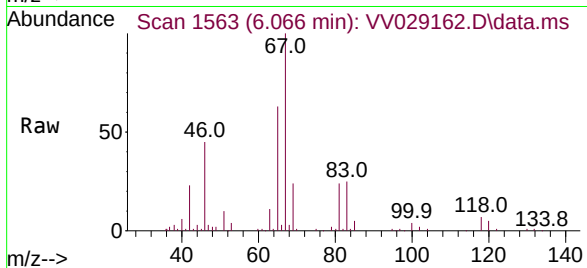
BGCC6DL

Tgt Ion: 63 Resp: 7496

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.655 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029162.D

Acq: 19 Nov 2022 11:44

Tgt Ion: 75 Resp: 13719

Ion Ratio Lower Upper

75 100

77 29.6 26.2 39.2

110 2.6 32.6 48.8#

