

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029078.D
 Acq On : 17 Nov 2022 20:57
 Operator : SY/MD
 Sample : N5687-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCC5

Quant Time: Nov 18 01:45:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 01:37:41 2022
 Response via : Initial Calibration

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

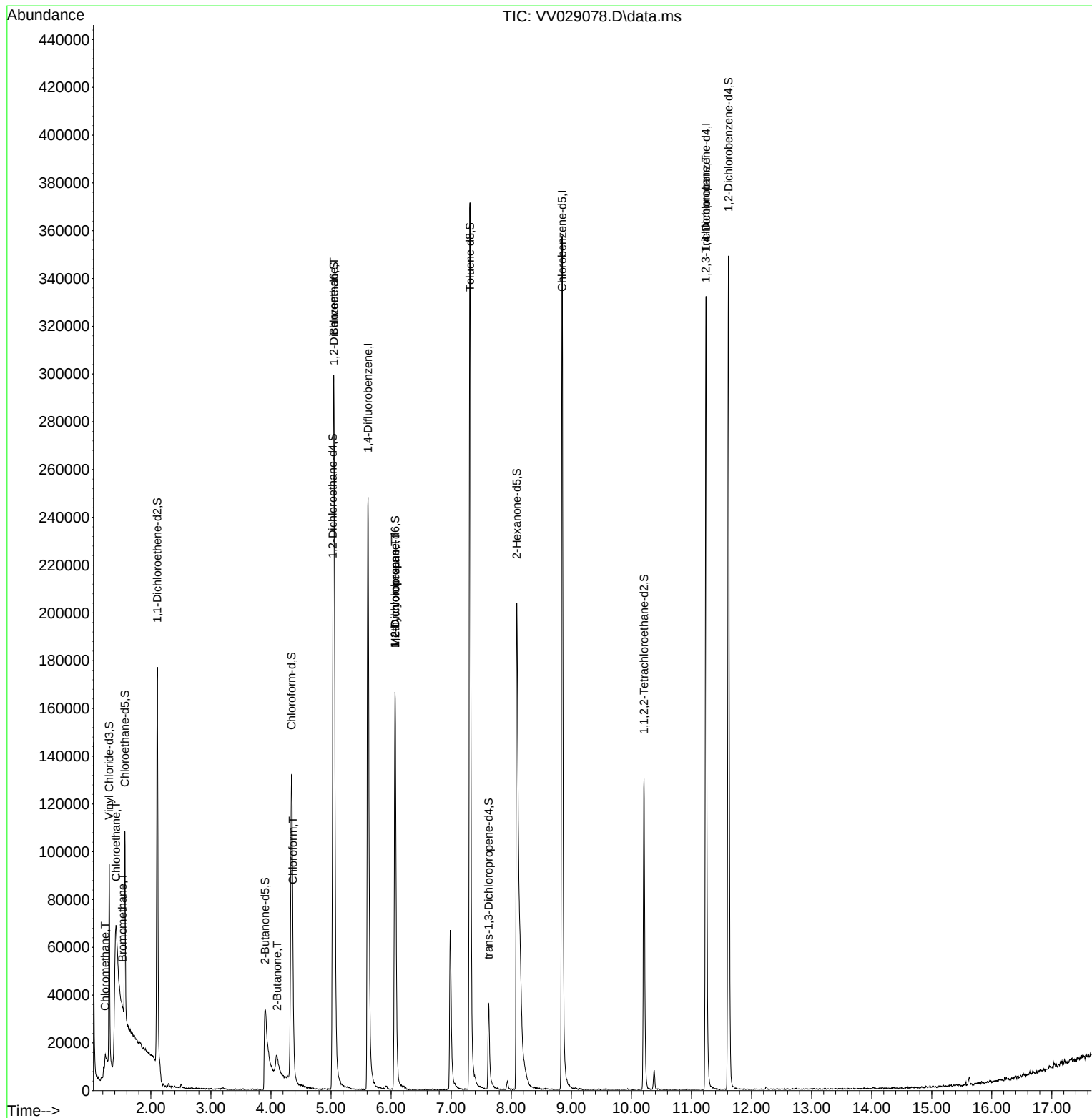
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	240765	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	226297	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	101544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58386	3.978	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.568	69	51036	3.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.108	63	82461	3.083	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.600%
20) 2-Butanone-d5	3.902	46	96557	39.298	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.600%
24) Chloroform-d	4.342	84	144190	4.785	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.030	65	66399	4.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
32) Benzene-d6	5.047	84	300739	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.066	67	86814	4.603	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.313	98	278899	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.800%
43) trans-1,3-Dichloroprop...	7.622	79	25713	4.180	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.600%
46) 2-Hexanone-d5	8.091	63	117530	44.759	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.520%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	67120	5.133	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	102935	5.666	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.400%
Target Compounds						
3) Chloromethane	1.240	50	2056	0.123	ug/L	96
6) Bromomethane	1.526	94	733	0.065	ug/L	76
8) Chloroethane	1.420	64	229981	20.598	ug/L #	51
21) 2-Butanone	4.101	43	19221	7.855	ug/L #	51
25) Chloroform	4.365	83	2034	0.070	ug/L #	45
27) 1,2-Dichloroethane	5.050	62	1491	0.100	ug/L #	70
35) Methylcyclohexane	6.066	83	22607	0.727	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	9157	0.574	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	9784	1.410	ug/L #	64

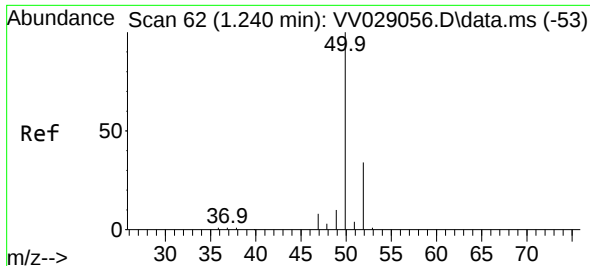
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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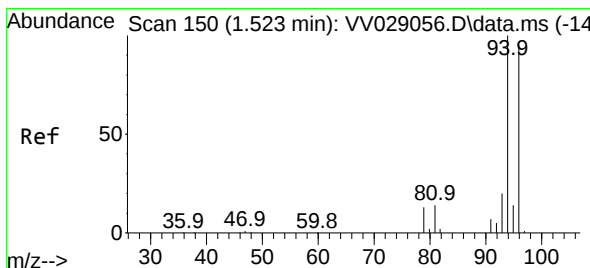
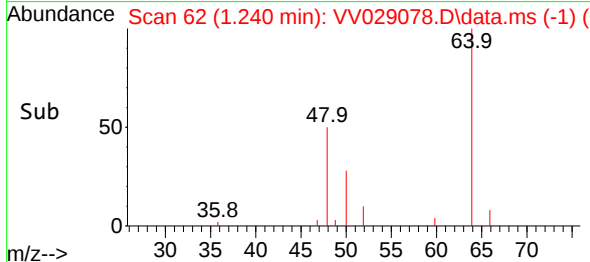
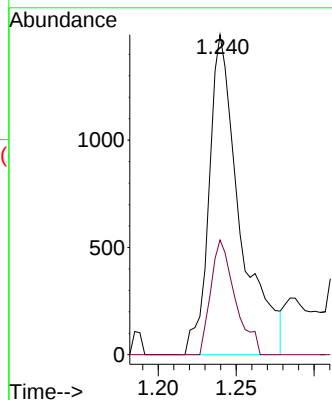
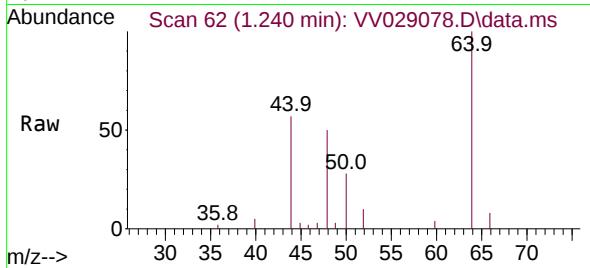




#3
Chloromethane
Concen: 0.123 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029078.D
Acq: 17 Nov 2022 20:57

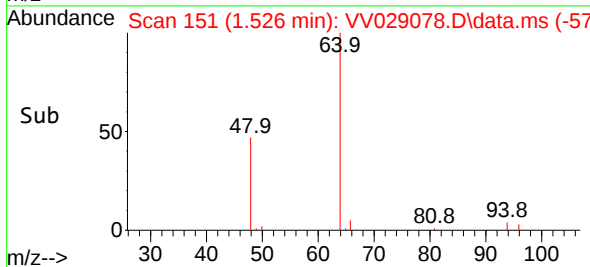
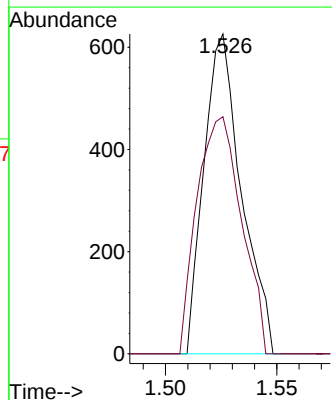
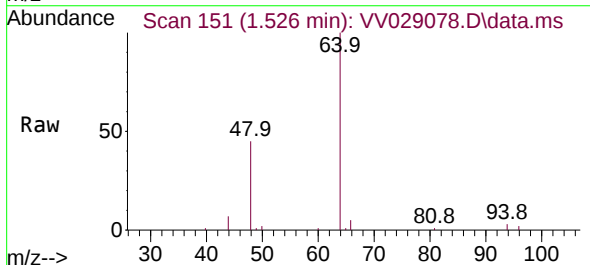
Instrument :
MSVOA_V
ClientSampleId :
BGCC5

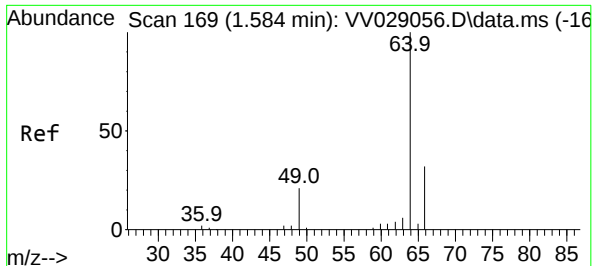
Tgt Ion: 50 Resp: 2056
Ion Ratio Lower Upper
50 100
52 35.9 23.7 43.9



#6
Bromomethane
Concen: 0.065 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV029078.D
Acq: 17 Nov 2022 20:57

Tgt Ion: 94 Resp: 733
Ion Ratio Lower Upper
94 100
96 74.1 68.5 127.3

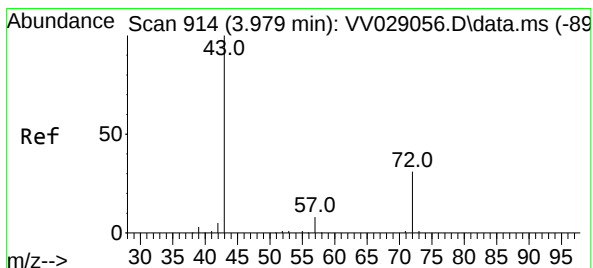
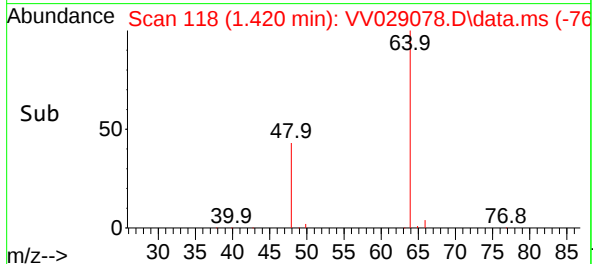
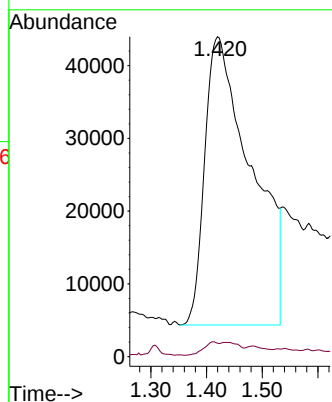
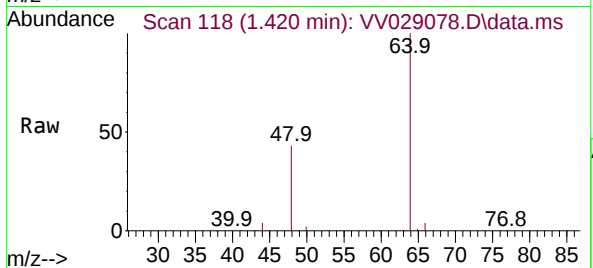




#8
Chloroethane
Concen: 20.598 ug/L
RT: 1.420 min Scan# 11
Delta R.T. -0.164 min
Lab File: VV029078.D
Acq: 17 Nov 2022 20:57

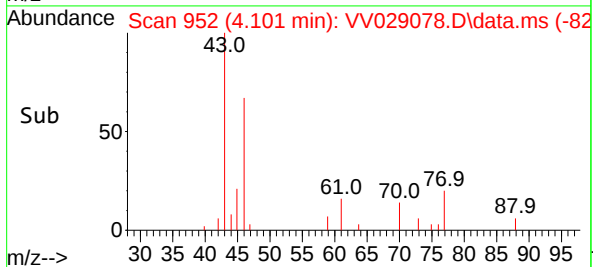
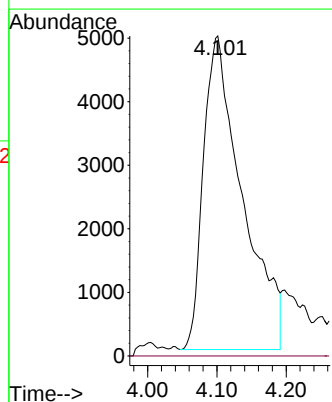
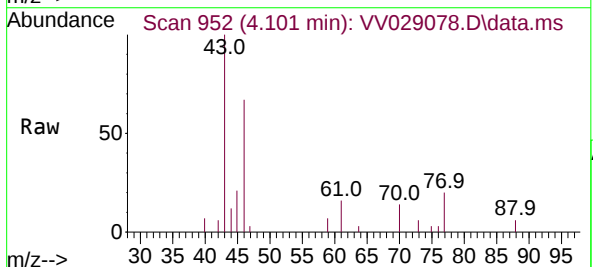
Instrument :
MSVOA_V
ClientSampleId :
BGCC5

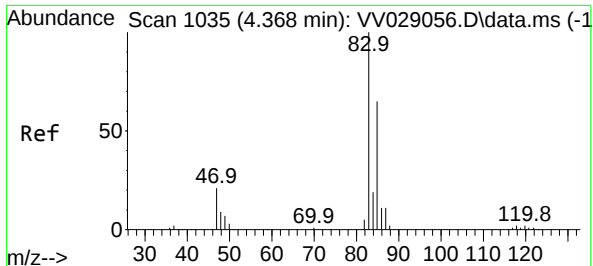
Tgt Ion: 64 Resp: 229981
Ion Ratio Lower Upper
64 100
66 4.2 22.0 40.8#



#21
2-Butanone
Concen: 7.855 ug/L
RT: 4.101 min Scan# 952
Delta R.T. 0.122 min
Lab File: VV029078.D
Acq: 17 Nov 2022 20:57

Tgt Ion: 43 Resp: 19221
Ion Ratio Lower Upper
43 100
72 0.0 11.9 35.9#





#25

Chloroform

Concen: 0.070 ug/L

RT: 4.365 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV029078.D

Acq: 17 Nov 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

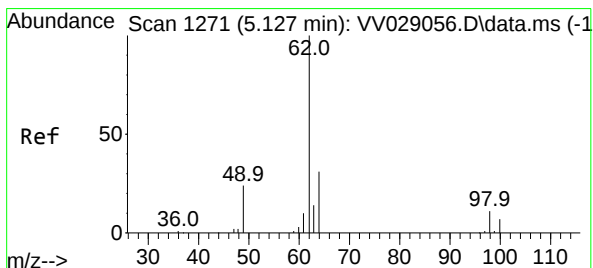
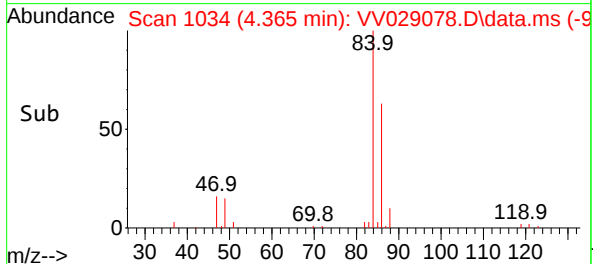
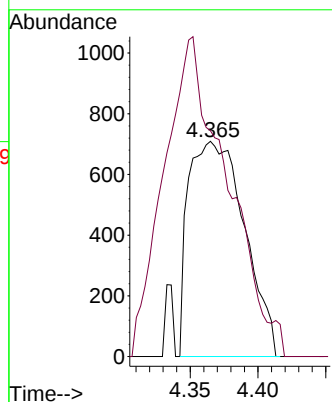
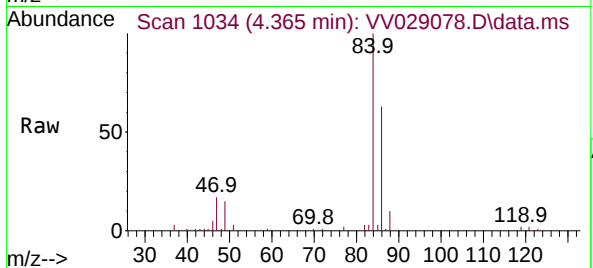
BGCC5

Tgt Ion: 83 Resp: 2034

Ion Ratio Lower Upper

83 100

85 104.9 43.7 81.1#



#27

1,2-Dichloroethane

Concen: 0.100 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.077 min

Lab File: VV029078.D

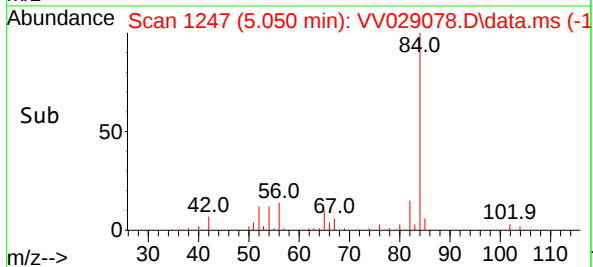
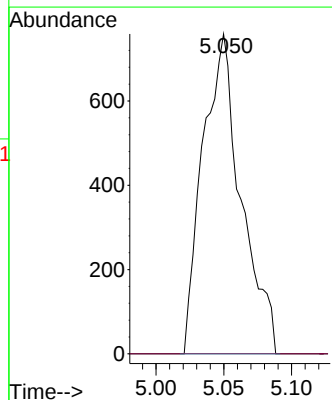
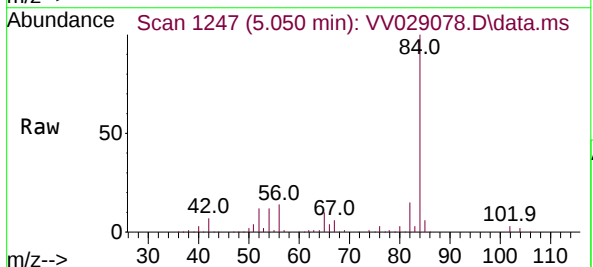
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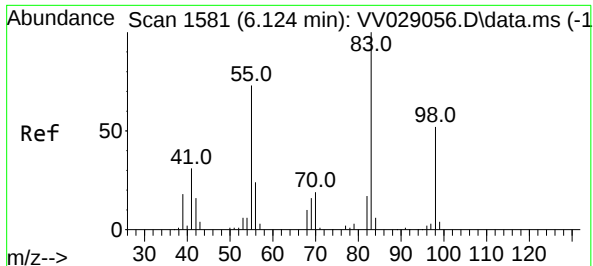
Tgt Ion: 62 Resp: 1491

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#

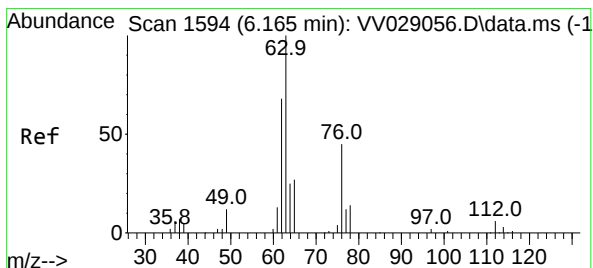
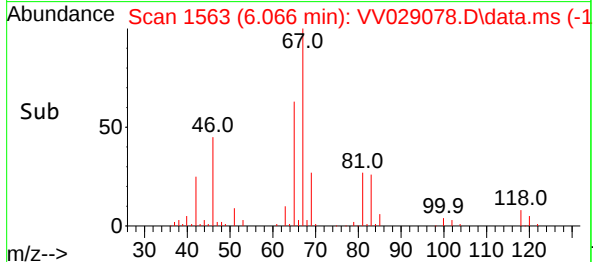
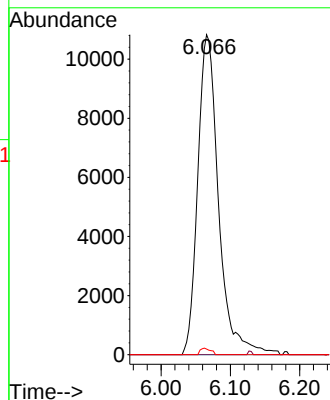
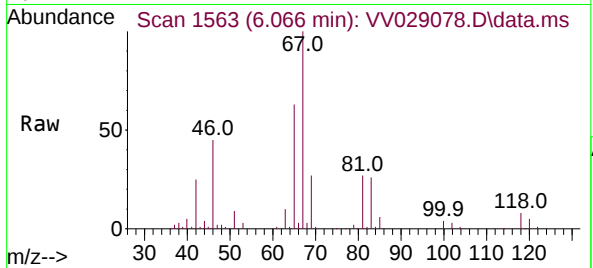




#35
Methylcyclohexane
Concen: 0.727 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029078.D
Acq: 17 Nov 2022 20:57

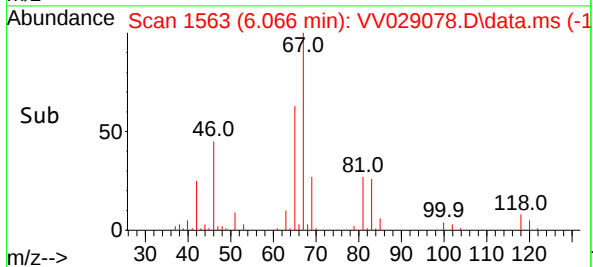
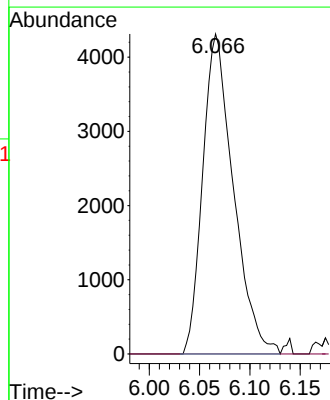
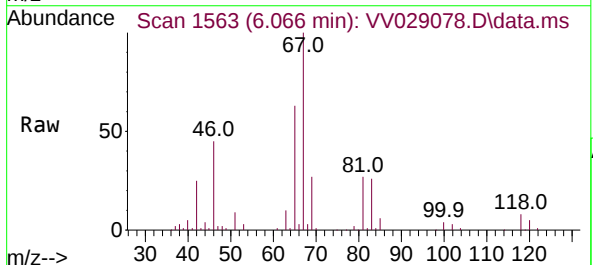
Instrument :
MSVOA_V
ClientSampleId :
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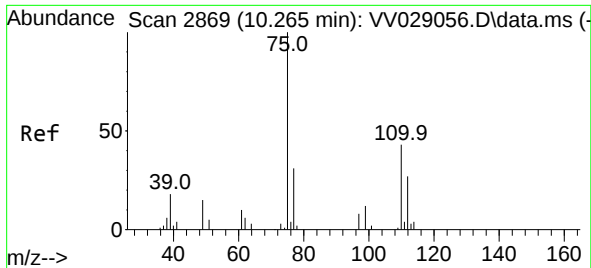
Tgt Ion: 83 Resp: 22607
Ion Ratio Lower Upper
83 100
55 0.2 55.8 83.6#
98 1.0 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.100 min
Lab File: VV029078.D
Acq: 17 Nov 2022 20:57

Tgt Ion: 63 Resp: 9157
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#61

1,2,3-Trichloropropane

Concen: 1.410 ug/L

RT: 11.239 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV029078.D

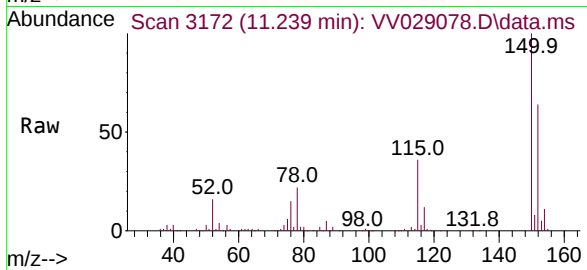
Acq: 17 Nov 2022 20:57

Instrument :

MSVOA_V

ClientSampleId :

BGCC5



Tgt Ion: 75 Resp: 9784

Ion Ratio Lower Upper

75 100

77 29.9 26.2 39.2

110 3.2 32.6 48.8#

