

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029083.D
 Acq On : 17 Nov 2022 23:20
 Operator : SY/MD
 Sample : N5687-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCC8

Quant Time: Nov 18 06:00:43 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)

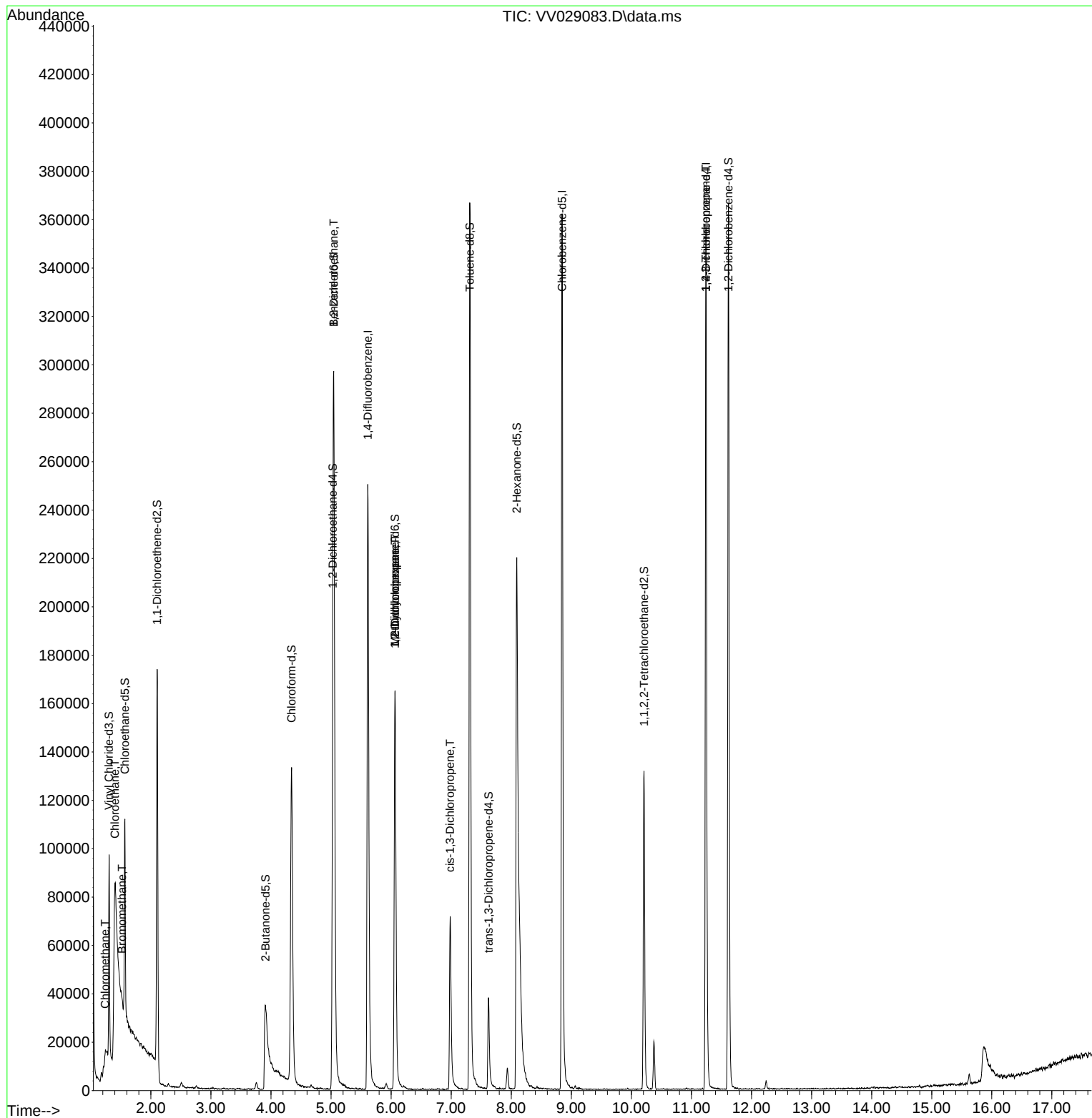
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	235243	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	224578	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	104347	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57527	4.011	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.568	69	52051	4.128	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.105	63	80234	3.070	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.400%
20) 2-Butanone-d5	3.908	46	99091	41.276	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.560%
24) Chloroform-d	4.343	84	143136	4.861	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
26) 1,2-Dichloroethane-d4	5.027	65	66837	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.043	84	295156	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.066	67	87248	4.661	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.310	98	266134	4.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.622	79	26965	4.417	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.400%
46) 2-Hexanone-d5	8.092	63	121025	46.443	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.880%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	67351	5.190	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	103745	5.557	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1455	0.089	ug/L	94
6) Bromomethane	1.520	94	663	0.060	ug/L	84
8) Chloroethane	1.404	64	232805	21.341	ug/L #	52
27) 1,2-Dichloroethane	5.043	62	1112	0.076	ug/L #	70
35) Methylcyclohexane	6.066	83	21715	0.703	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9306	0.588	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2080	0.094	ug/L #	56
61) 1,2,3-Trichloropropane	11.239	75	9934	1.393	ug/L #	66

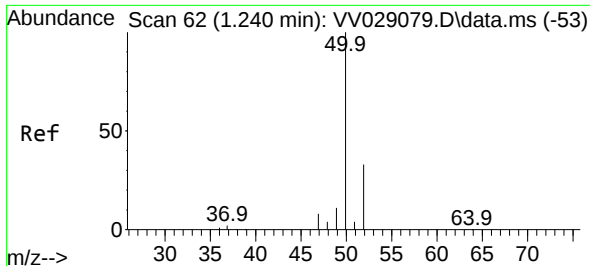
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration

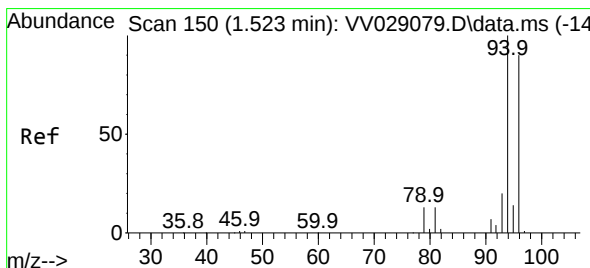
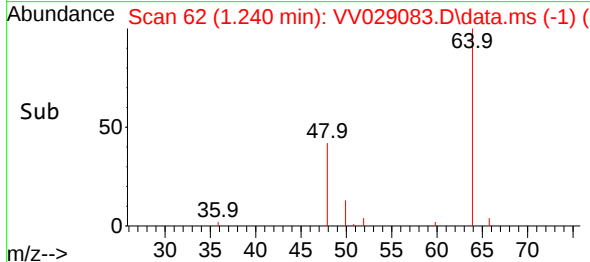
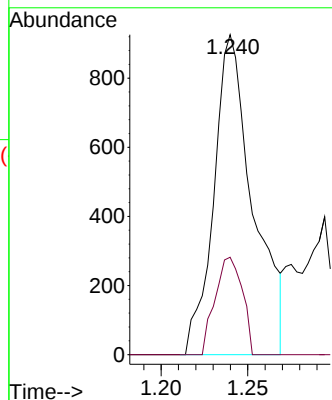
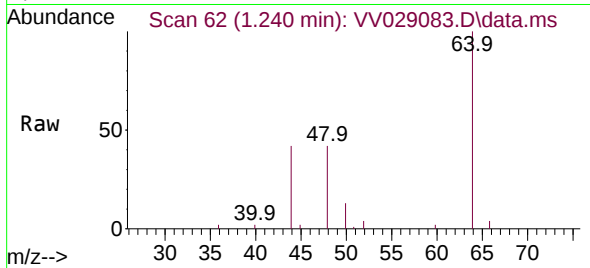




#3
Chloromethane
Concen: 0.089 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029083.D
Acq: 17 Nov 2022 23:20

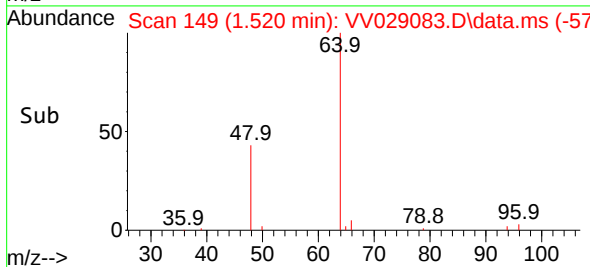
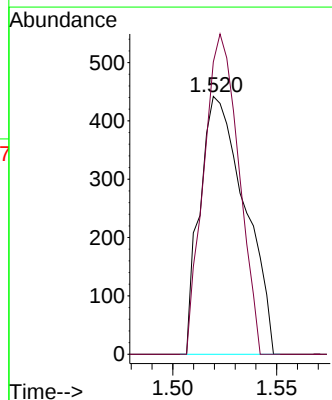
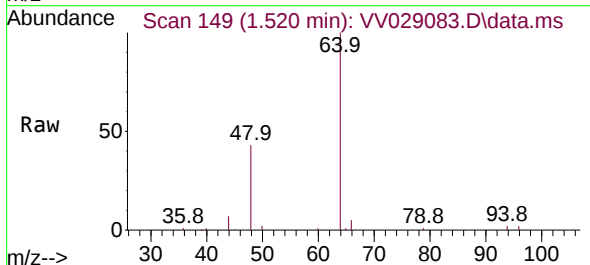
Instrument :
MSVOA_V
ClientSampleId :
BGCC8

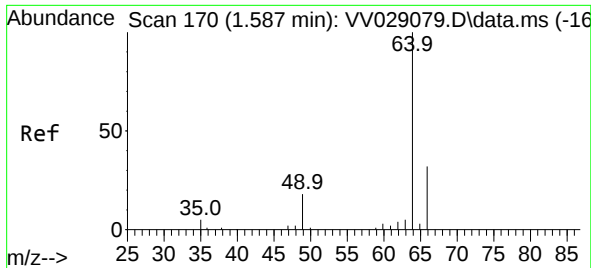
Tgt Ion: 50 Resp: 1455
Ion Ratio Lower Upper
50 100
52 30.5 23.7 43.9



#6
Bromomethane
Concen: 0.060 ug/L
RT: 1.520 min Scan# 149
Delta R.T. -0.003 min
Lab File: VV029083.D
Acq: 17 Nov 2022 23:20

Tgt Ion: 94 Resp: 663
Ion Ratio Lower Upper
94 100
96 113.3 68.5 127.3

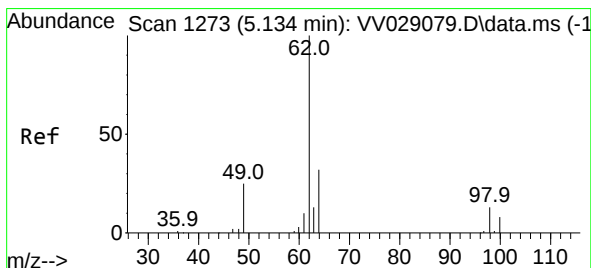
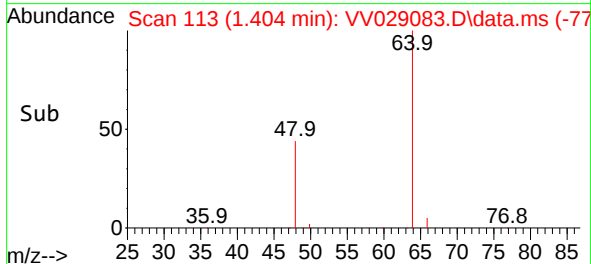
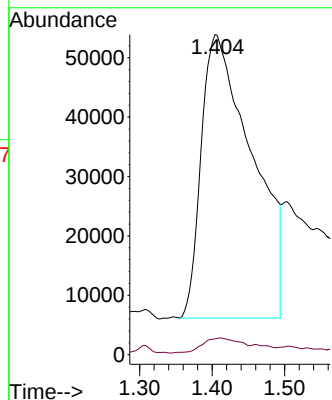
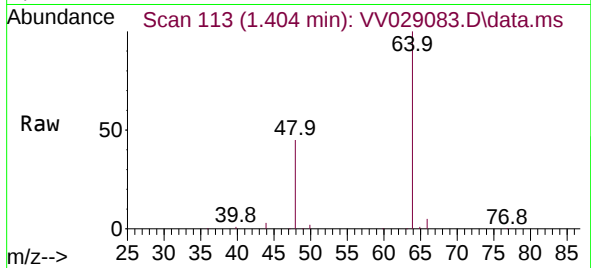




#8
Chloroethane
Concen: 21.341 ug/L
RT: 1.404 min Scan# 113
Delta R.T. -0.183 min
Lab File: VV029083.D
Acq: 17 Nov 2022 23:20

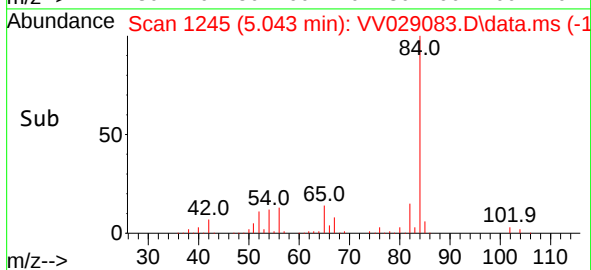
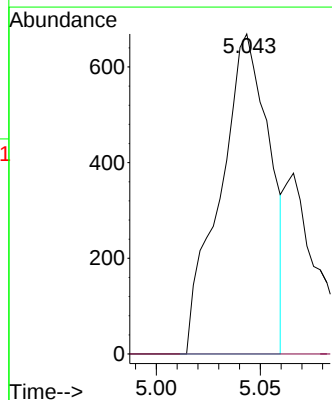
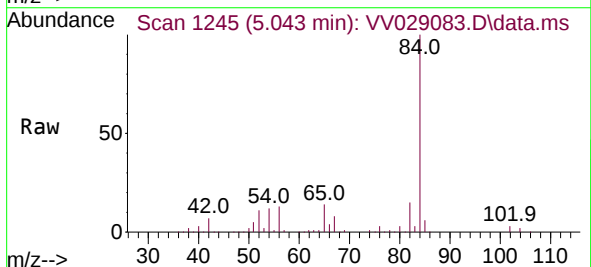
Instrument :
MSVOA_V
ClientSampleId :
BGCC8

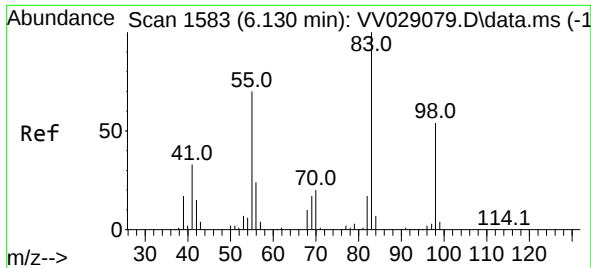
Tgt Ion: 64 Resp: 232805
Ion Ratio Lower Upper
64 100
66 5.0 22.0 40.8#



#27
1,2-Dichloroethane
Concen: 0.076 ug/L
RT: 5.043 min Scan# 1245
Delta R.T. -0.090 min
Lab File: VV029083.D
Acq: 17 Nov 2022 23:20

Tgt Ion: 62 Resp: 1112
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#

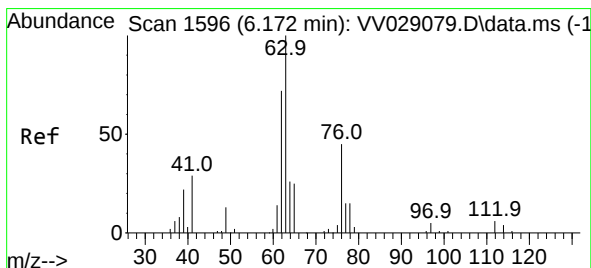
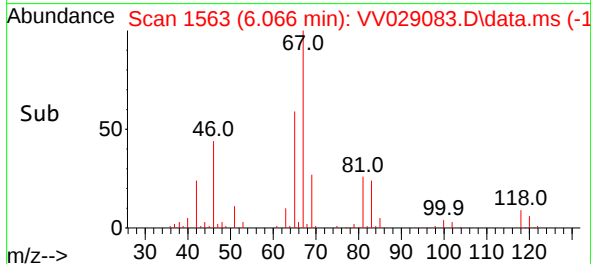
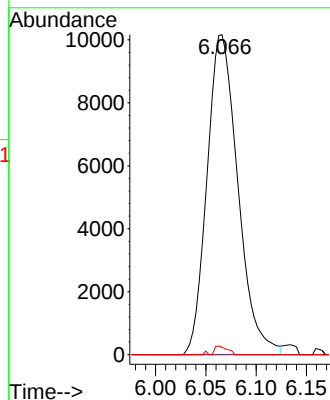
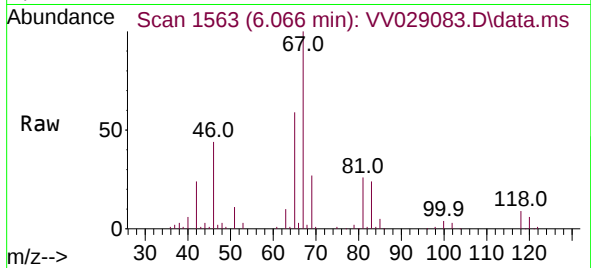




#35
Methylcyclohexane
Concen: 0.703 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029083.D
Acq: 17 Nov 2022 23:20

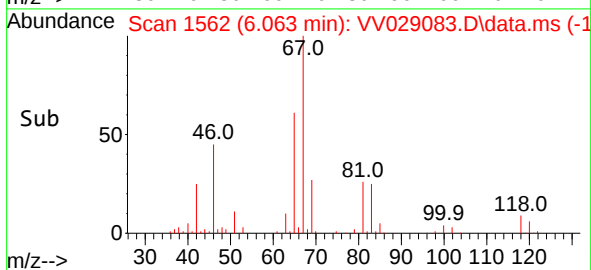
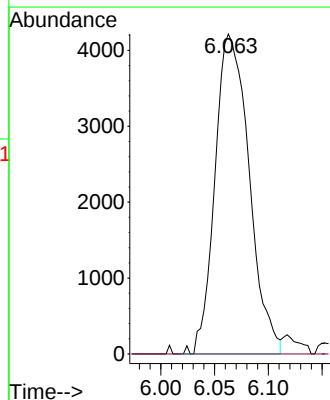
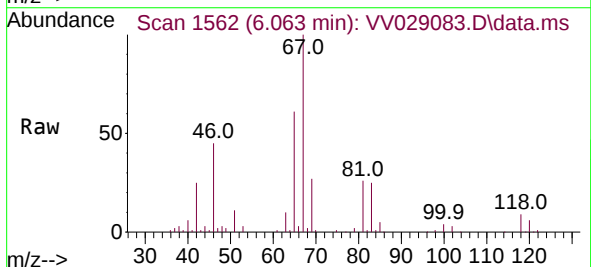
Instrument :
MSVOA_V
ClientSampleId :
BGCC8

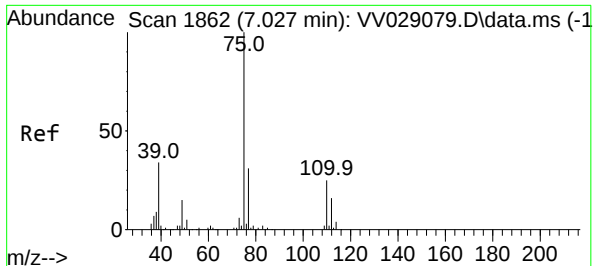
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	55.8	83.6#
98	1.1	38.2	57.2#



#37
1,2-Dichloropropane
Concen: 0.588 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.109 min
Lab File: VV029083.D
Acq: 17 Nov 2022 23:20

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





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.045 min

Lab File: VV029083.D

Acq: 17 Nov 2022 23:20

Instrument :

MSVOA_V

ClientSampleId :

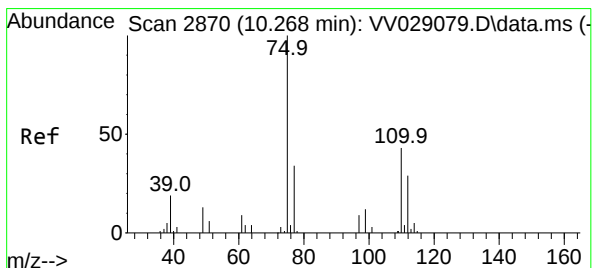
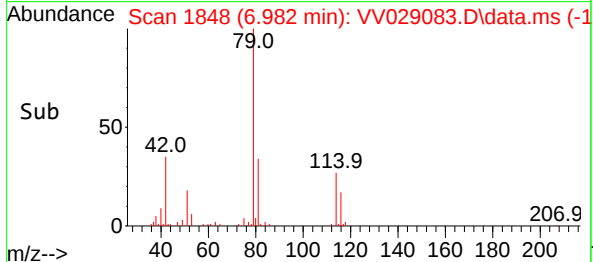
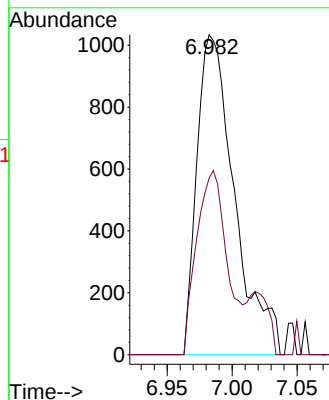
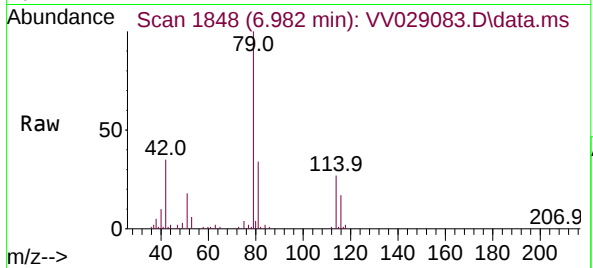
BGCC8

Tgt Ion: 75 Resp: 2080

Ion Ratio Lower Upper

75 100

77 55.2 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.393 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV029083.D

Acq: 17 Nov 2022 23:20

Tgt Ion: 75 Resp: 9934

Ion Ratio Lower Upper

75 100

77 33.1 26.2 39.2

110 2.7 32.6 48.8#

