

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111522\
 Data File : VW028990.D
 Acq On : 15 Nov 2022 15:43
 Operator : SY/MD
 Sample : N5621-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCC3

Quant Time: Nov 16 03:19:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

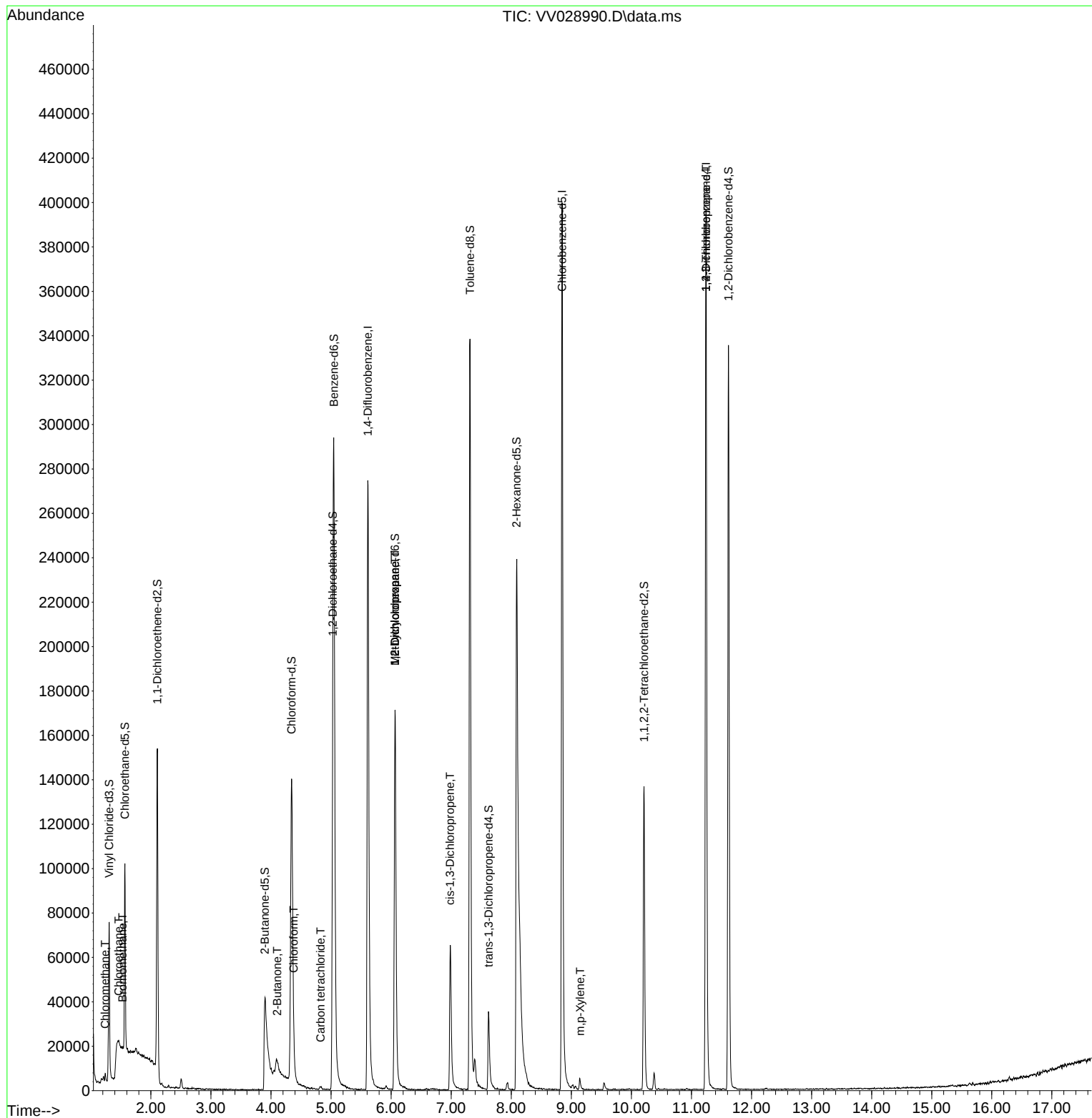
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	262813	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	248657	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	117063	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48606	3.034	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.600%
7) Chloroethane-d5	1.568	69	54657	3.880	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.600%
11) 1,1-Dichloroethene-d2	2.108	63	73446	2.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.400%#
20) 2-Butanone-d5	3.899	46	104830	39.085	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.180%
24) Chloroform-d	4.342	84	147739	4.491	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.027	65	71664	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.047	84	291177	3.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.400%
36) 1,2-Dichloropropane-d6	6.066	67	90434	4.363	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.200%
41) Toluene-d8	7.313	98	247827	3.709	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.200%
43) trans-1,3-Dichloroprop...	7.622	79	23820	3.524	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.400%
46) 2-Hexanone-d5	8.088	63	141912	49.185	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.360%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70608	4.914	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	98439	4.700	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2564	0.141	ug/L	97
6) Bromomethane	1.526	94	884	0.071	ug/L	79
8) Chloroethane	1.465	64	54572	4.478	ug/L #	53
21) 2-Butanone	4.101	43	16284	6.096	ug/L #	51
25) Chloroform	4.378	83	8975	0.284	ug/L	97
31) Carbon tetrachloride	4.825	117	1045	0.042	ug/L #	64
35) Methylcyclohexane	6.066	83	21762	0.637	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	9795	0.559	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	1688	0.069	ug/L #	38
53) m,p-Xylene	9.146	106	1912	0.056	ug/L	71
61) 1,2,3-Trichloropropane	11.242	75	11939	1.492	ug/L #	65

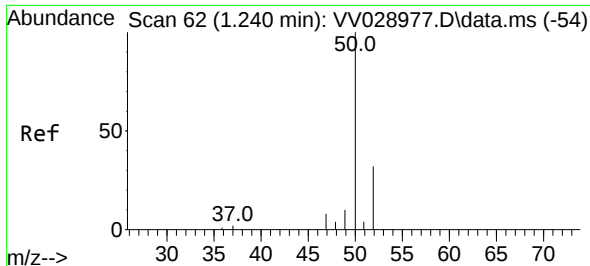
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111522\
Data File : VV028990.D
Acq On : 15 Nov 2022 15:43
Operator : SY/MD
Sample : N5621-06
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGCC3

Quant Time: Nov 16 03:19:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Nov 16 03:16:14 2022
Response via : Initial Calibration

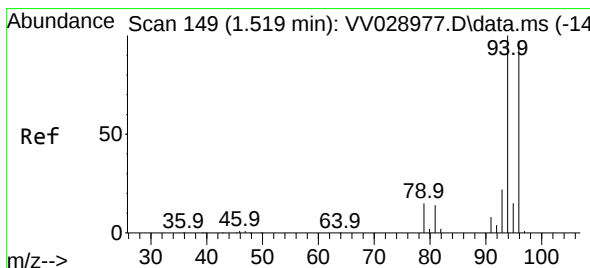
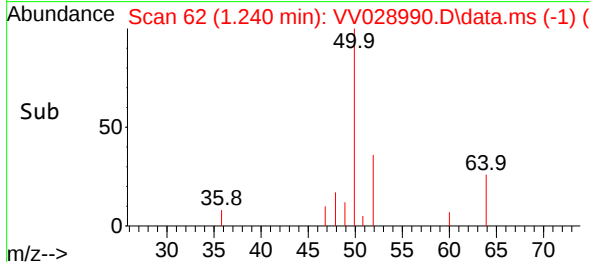
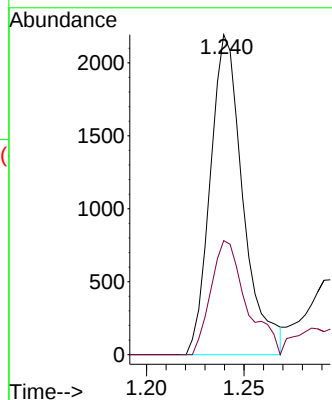
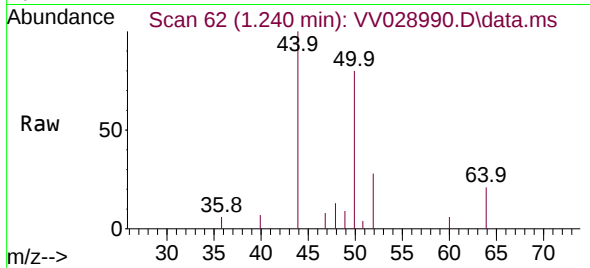




#3
Chloromethane
Concen: 0.141 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV028990.D
Acq: 15 Nov 2022 15:43

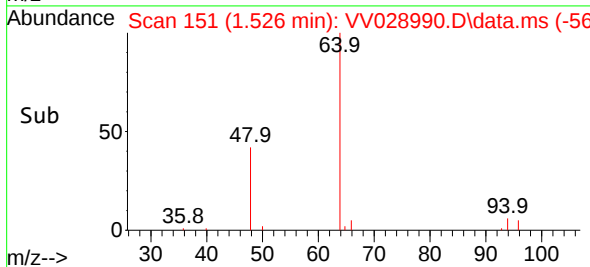
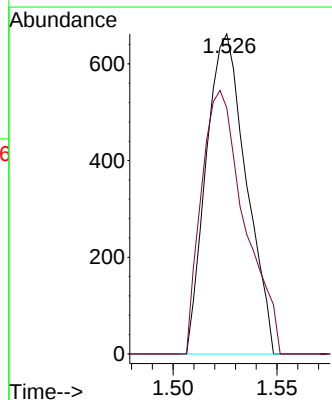
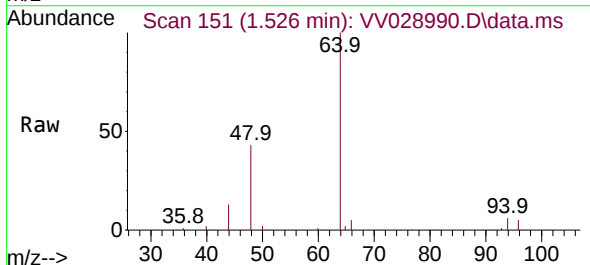
Instrument :
MSVOA_V
ClientSampleId :
BGCC3

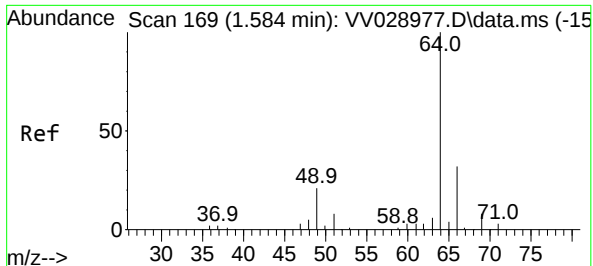
Tgt Ion: 50 Resp: 2564
Ion Ratio Lower Upper
50 100
52 35.7 23.7 43.9



#6
Bromomethane
Concen: 0.071 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.006 min
Lab File: VV028990.D
Acq: 15 Nov 2022 15:43

Tgt Ion: 94 Resp: 884
Ion Ratio Lower Upper
94 100
96 76.9 68.5 127.3

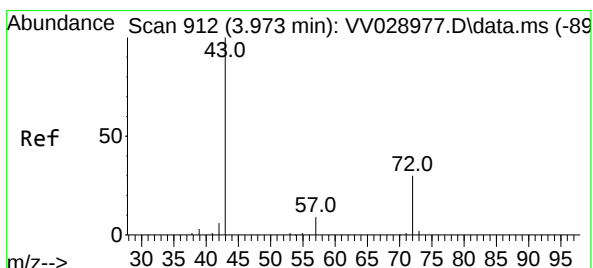
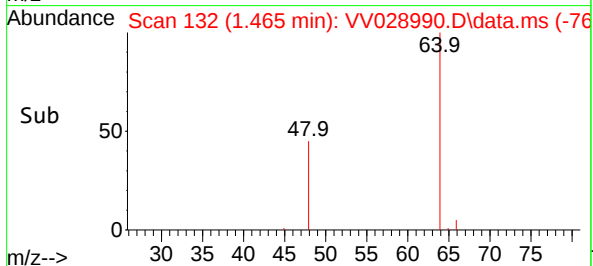
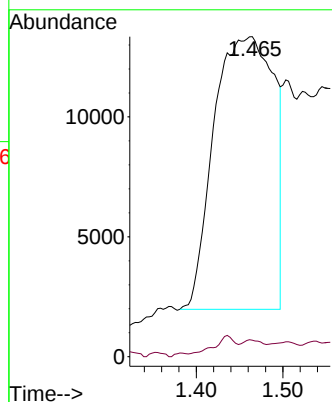
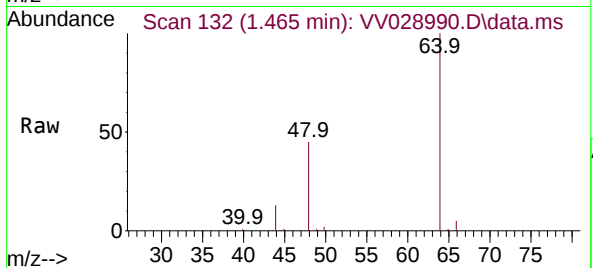




#8
Chloroethane
Concen: 4.478 ug/L
RT: 1.465 min Scan# 11
Delta R.T. -0.119 min
Lab File: VV028990.D
Acq: 15 Nov 2022 15:43

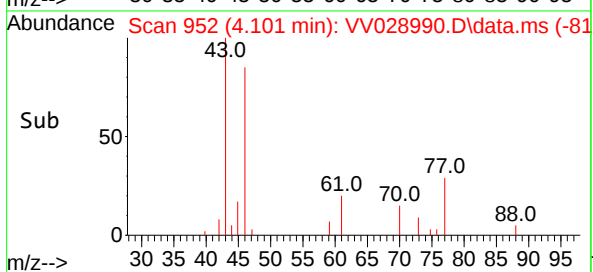
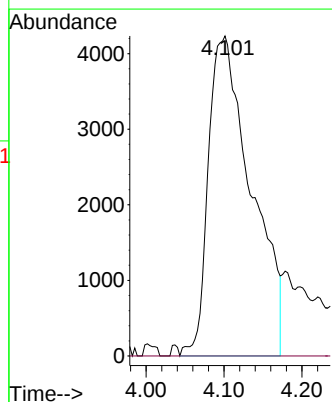
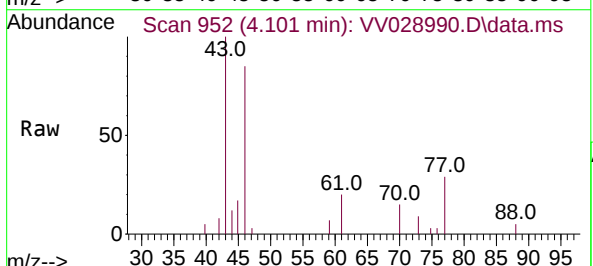
Instrument :
MSVOA_V
ClientSampleId :
BGCC3

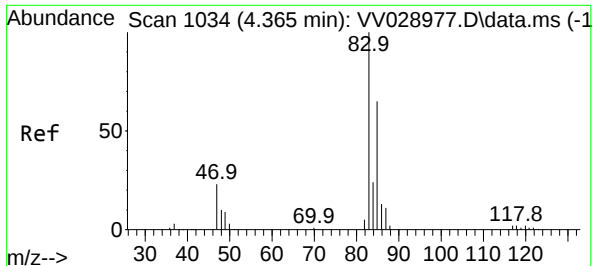
Tgt Ion: 64 Resp: 54572
Ion Ratio Lower Upper
64 100
66 5.2 22.0 40.8#



#21
2-Butanone
Concen: 6.096 ug/L
RT: 4.101 min Scan# 952
Delta R.T. 0.129 min
Lab File: VV028990.D
Acq: 15 Nov 2022 15:43

Tgt Ion: 43 Resp: 16284
Ion Ratio Lower Upper
43 100
72 0.0 11.9 35.9#





#25

Chloroform

Concen: 0.284 ug/L

RT: 4.378 min Scan# 110

Delta R.T. 0.013 min

Lab File: VV028990.D

Acq: 15 Nov 2022 15:43

Instrument :

MSVOA_V

ClientSampleId :

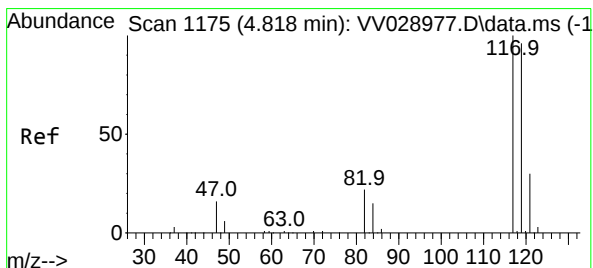
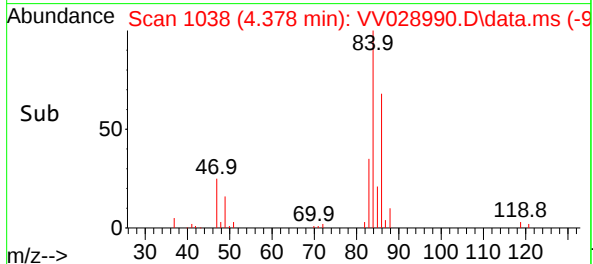
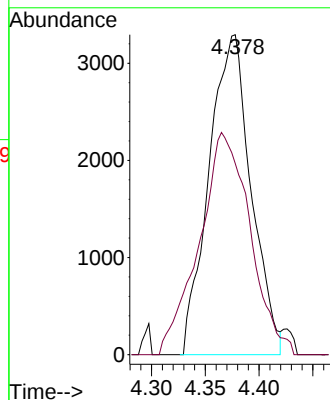
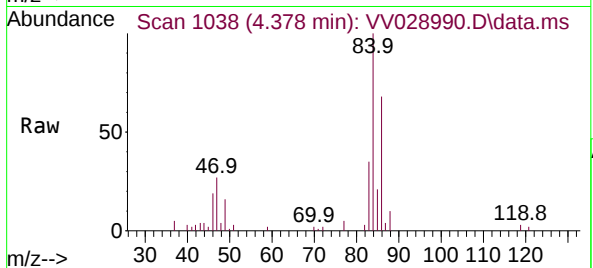
BGCC3

Tgt Ion: 83 Resp: 8975

Ion Ratio Lower Upper

83 100

85 59.7 43.7 81.1



#31

Carbon tetrachloride

Concen: 0.042 ug/L

RT: 4.825 min Scan# 1177

Delta R.T. 0.006 min

Lab File: VV028990.D

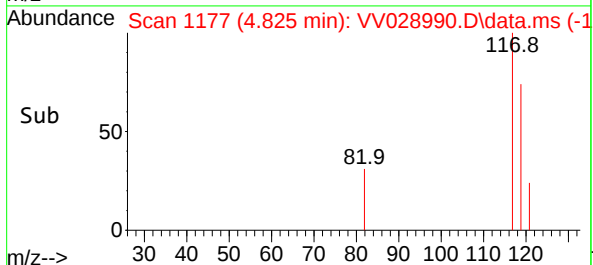
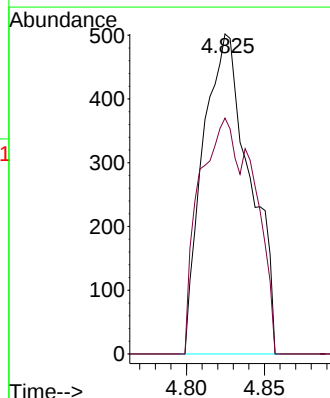
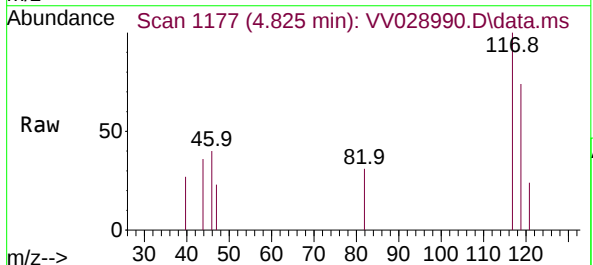
Acq: 15 Nov 2022 15:43

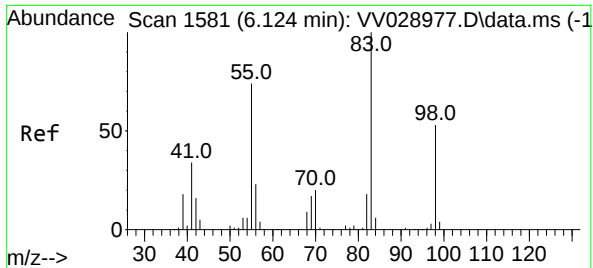
Tgt Ion: 117 Resp: 1045

Ion Ratio Lower Upper

117 100

119 60.7 77.0 115.6#

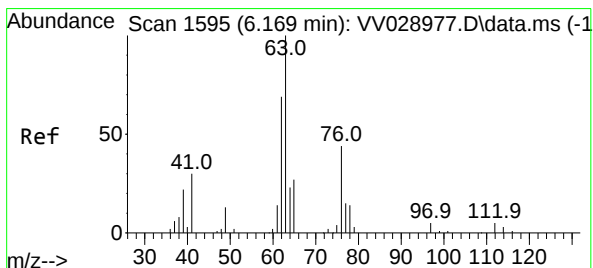
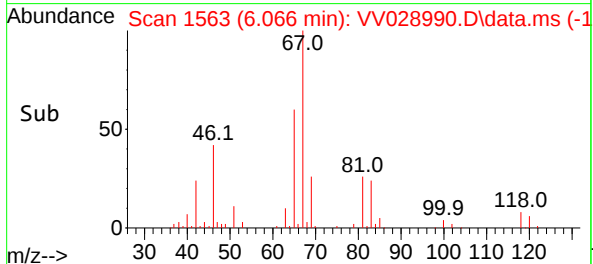
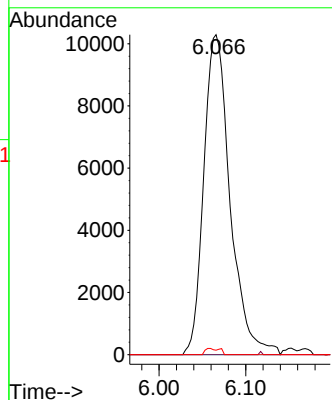
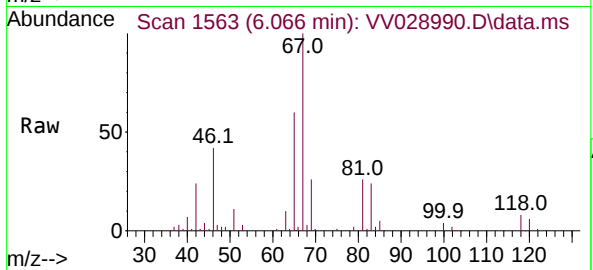




#35
Methylcyclohexane
Concen: 0.637 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028990.D
Acq: 15 Nov 2022 15:43

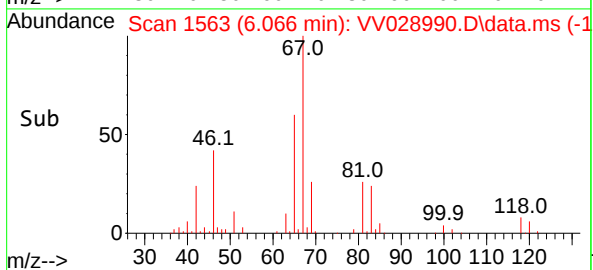
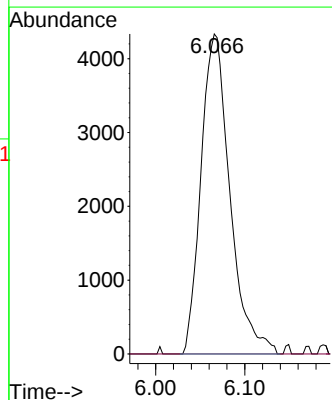
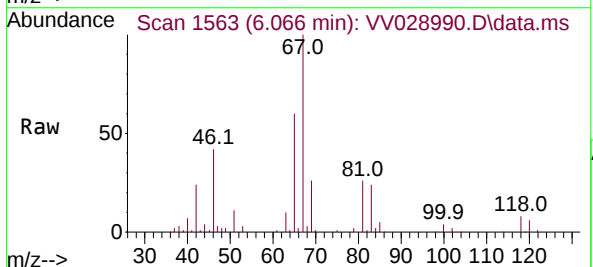
Instrument :
MSVOA_V
ClientSampleId :
BGCC3

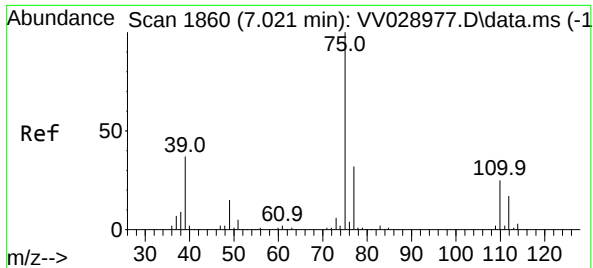
Tgt Ion: 83 Resp: 21762
Ion Ratio Lower Upper
83 100
55 0.1 55.8 83.6#
98 1.1 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.559 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV028990.D
Acq: 15 Nov 2022 15:43

Tgt Ion: 63 Resp: 9795
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV028990.D

Acq: 15 Nov 2022 15:43

Instrument :

MSVOA_V

ClientSampleId :

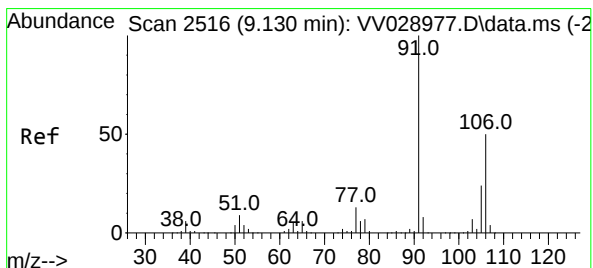
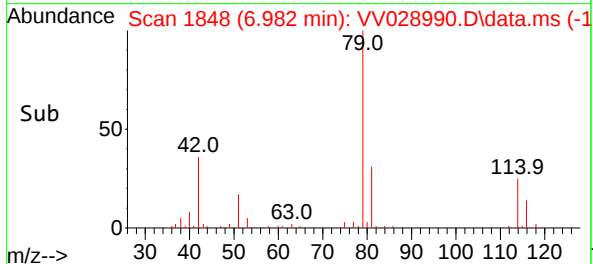
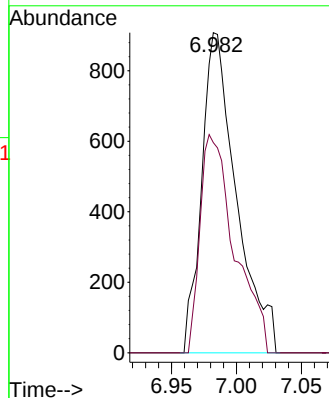
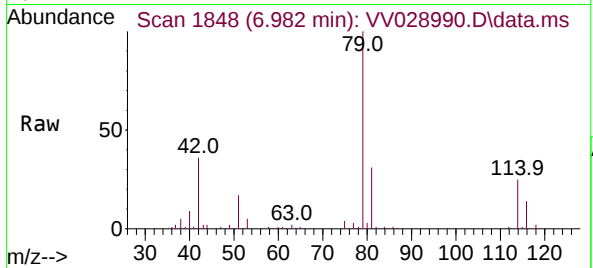
BGCC3

Tgt Ion: 75 Resp: 1688

Ion Ratio Lower Upper

75 100

77 65.6 21.8 40.6#



#53

m,p-Xylene

Concen: 0.056 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.016 min

Lab File: VV028990.D

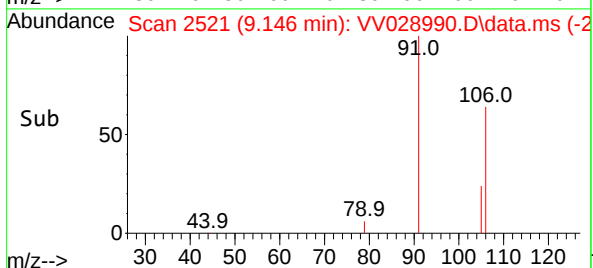
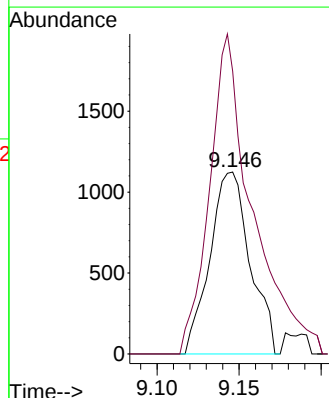
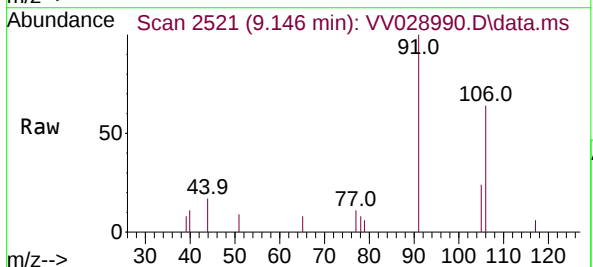
Acq: 15 Nov 2022 15:43

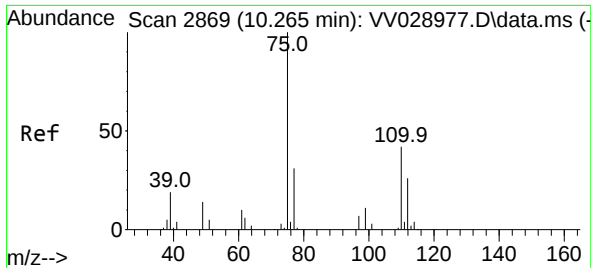
Tgt Ion: 106 Resp: 1912

Ion Ratio Lower Upper

106 100

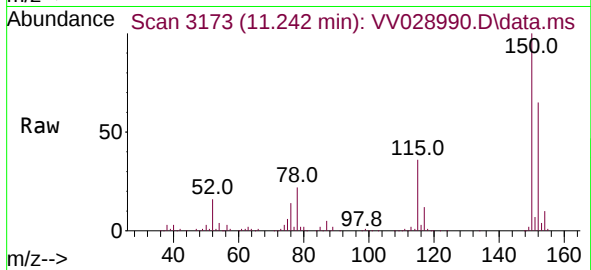
91 155.4 139.1 258.3





#61
 1,2,3-Trichloropropane
 Concen: 1.492 ug/L
 RT: 11.242 min Scan# 31
 Delta R.T. 0.977 min
 Lab File: VV028990.D
 Acq: 15 Nov 2022 15:43

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCC3



Tgt Ion:	75	Resp:	11939
Ion	Ratio	Lower	Upper
75	100		
77	34.2	26.2	39.2
110	2.5	32.6	48.8#

