

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111722\
 Data File : VW029077.D
 Acq On : 17 Nov 2022 20:34
 Operator : SY/MD
 Sample : N5687-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCC4

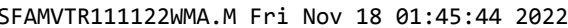
Quant Time: Nov 18 01:45:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 01:37:41 2022
 Response via : Initial Calibration

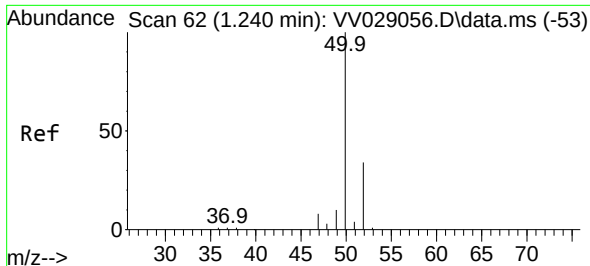
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	244562	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	228137	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	104391	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	57466	3.854	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.000%
7) Chloroethane-d5	1.568	69	50264	3.835	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.600%
11) 1,1-Dichloroethene-d2	2.105	63	80252	2.954	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.000%#
20) 2-Butanone-d5	3.905	46	132183	52.962	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.920%
24) Chloroform-d	4.346	84	144069	4.706	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
26) 1,2-Dichloroethane-d4	5.034	65	69093	5.017	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.047	84	299193	4.394	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.066	67	87132	4.582	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.313	98	269064	4.389	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.625	79	24112	3.888	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.800%
46) 2-Hexanone-d5	8.091	63	122459	46.260	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.520%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	66859	5.071	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.615	152	101728	5.447	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2021	0.119	ug/L	96
6) Bromomethane	1.523	94	617	0.053	ug/L	81
8) Chloroethane	1.410	64	334284	29.475	ug/L #	51
21) 2-Butanone	4.092	43	42743	17.196	ug/L #	51
22) cis-1,2-Dichloroethene	3.908	96	5401	0.309	ug/L	92
29) 1,1,1-Trichloroethane	4.603	97	3328	0.124	ug/L #	88
34) Trichloroethene	5.915	95	50449	2.827	ug/L	94
35) Methylcyclohexane	6.066	83	21426	0.683	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	9046	0.563	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1504	0.067	ug/L #	41
61) 1,2,3-Trichloropropane	11.239	75	10083	1.413	ug/L #	65

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

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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

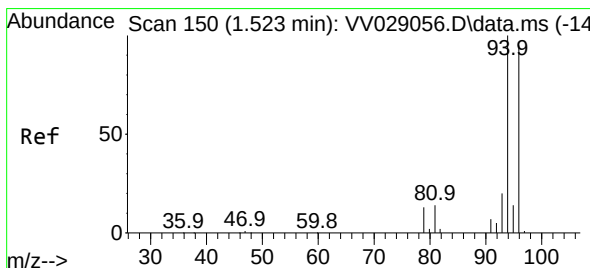
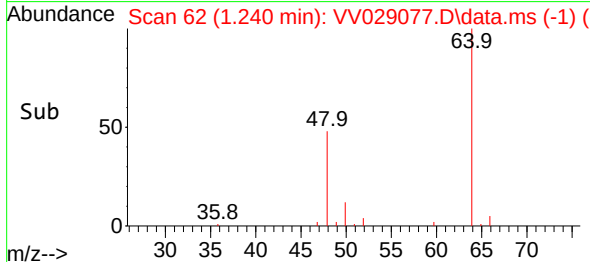
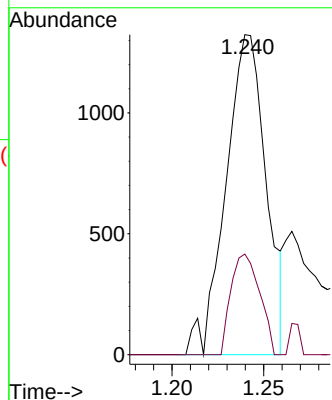
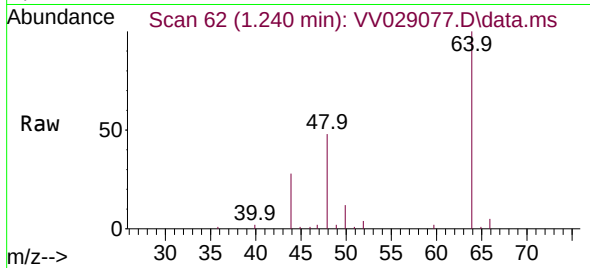




#3
Chloromethane
Concen: 0.119 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029077.D
Acq: 17 Nov 2022 20:34

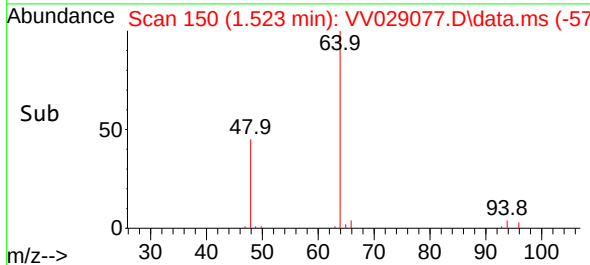
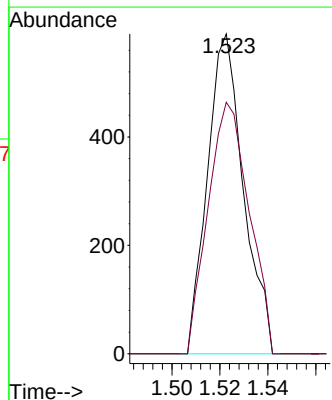
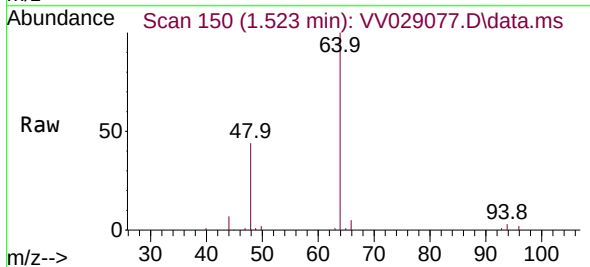
Instrument :
MSVOA_V
ClientSampleId :
BGCC4

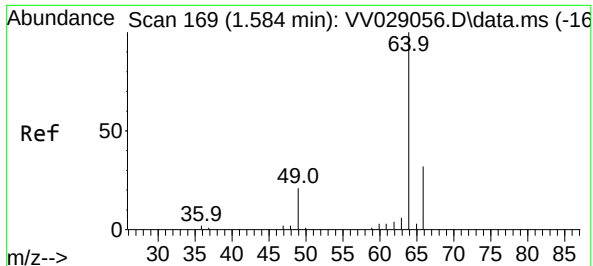
Tgt Ion: 50 Resp: 2021
Ion Ratio Lower Upper
50 100
52 31.4 23.7 43.9



#6
Bromomethane
Concen: 0.053 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV029077.D
Acq: 17 Nov 2022 20:34

Tgt Ion: 94 Resp: 617
Ion Ratio Lower Upper
94 100
96 78.6 68.5 127.3

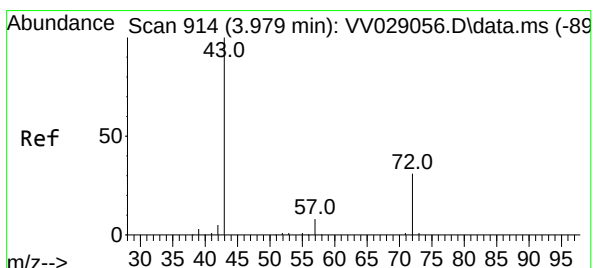
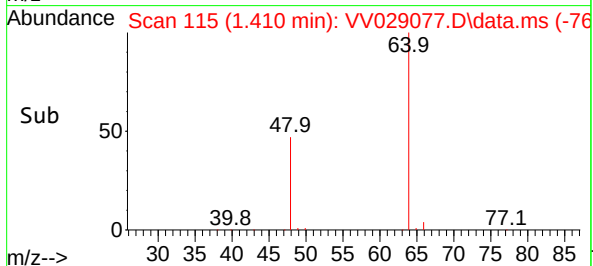
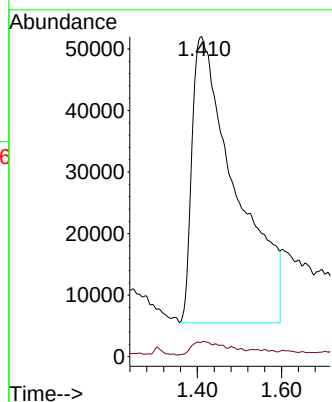
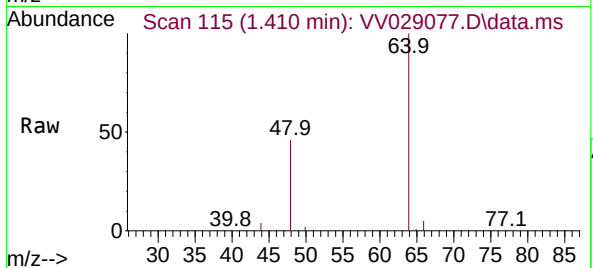




#8
Chloroethane
Concen: 29.475 ug/L
RT: 1.410 min Scan# 11
Delta R.T. -0.174 min
Lab File: VV029077.D
Acq: 17 Nov 2022 20:34

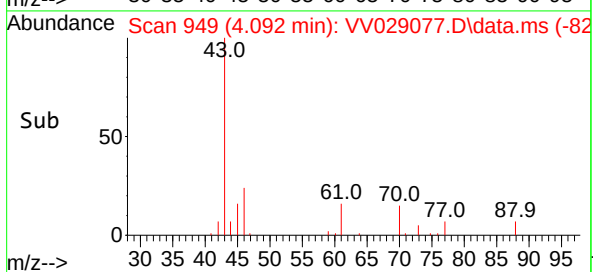
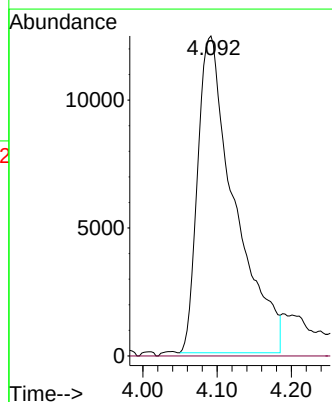
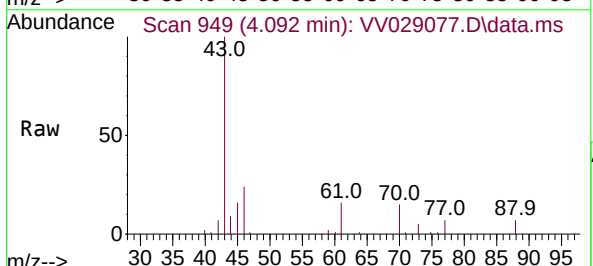
Instrument :
MSVOA_V
ClientSampleId :
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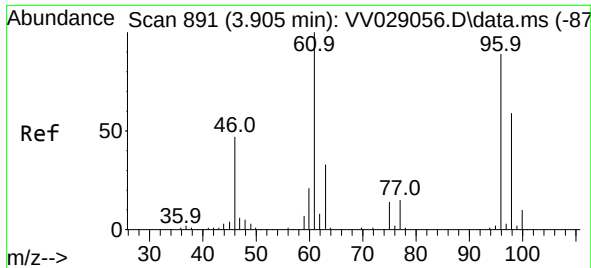
Tgt Ion: 64 Resp: 334284
Ion Ratio Lower Upper
64 100
66 4.5 22.0 40.8#



#21
2-Butanone
Concen: 17.196 ug/L
RT: 4.092 min Scan# 949
Delta R.T. 0.113 min
Lab File: VV029077.D
Acq: 17 Nov 2022 20:34

Tgt Ion: 43 Resp: 42743
Ion Ratio Lower Upper
43 100
72 0.0 11.9 35.9#

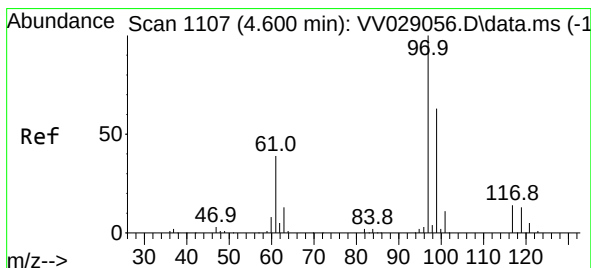
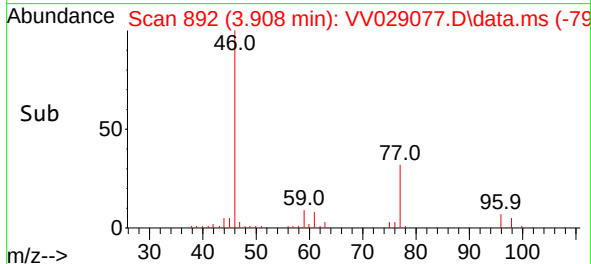
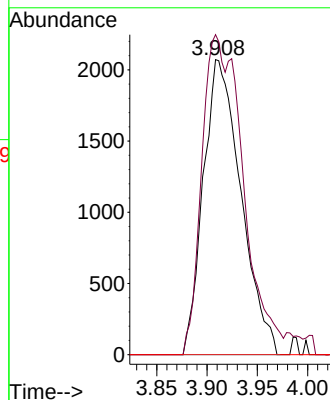
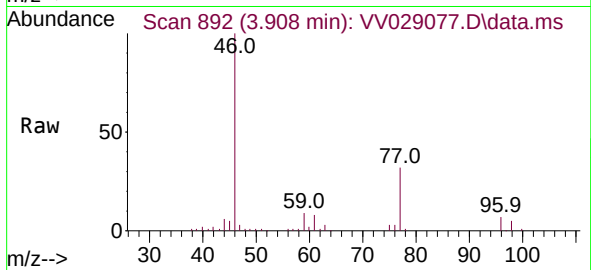




#22
 cis-1,2-Dichloroethene
 Concen: 0.309 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029077.D
 Acq: 17 Nov 2022 20:34

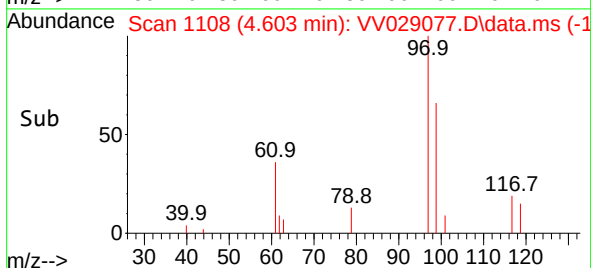
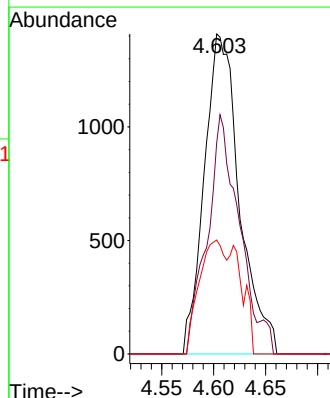
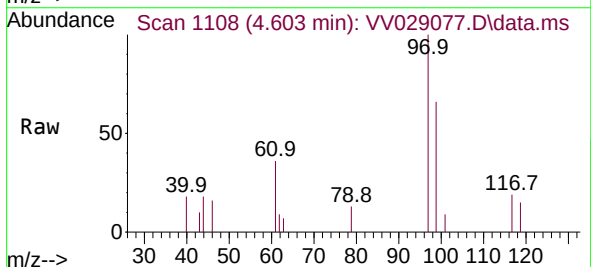
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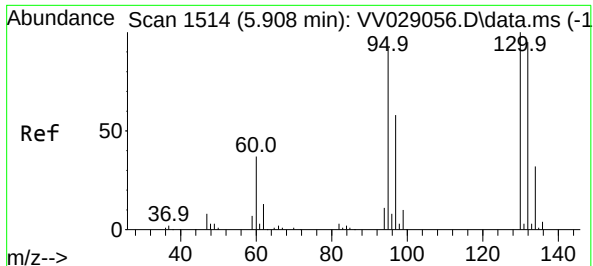
Tgt Ion: 96 Resp: 5401
 Ion Ratio Lower Upper
 96 100
 61 108.4 82.3 152.9
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 0.124 ug/L
 RT: 4.603 min Scan# 1108
 Delta R.T. 0.003 min
 Lab File: VV029077.D
 Acq: 17 Nov 2022 20:34

Tgt Ion: 97 Resp: 3328
 Ion Ratio Lower Upper
 97 100
 99 68.4 52.7 79.1
 61 26.6 33.8 50.6#

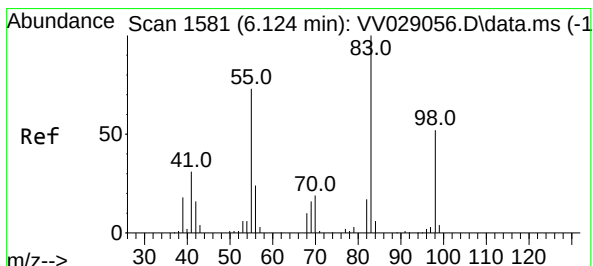
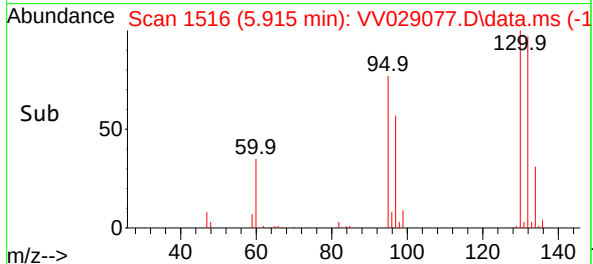
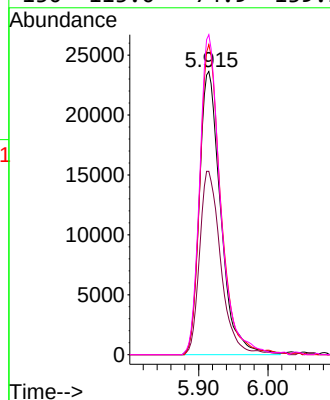
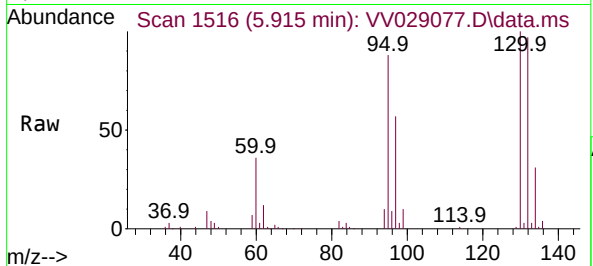




#34
Trichloroethene
Concen: 2.827 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV029077.D
Acq: 17 Nov 2022 20:34

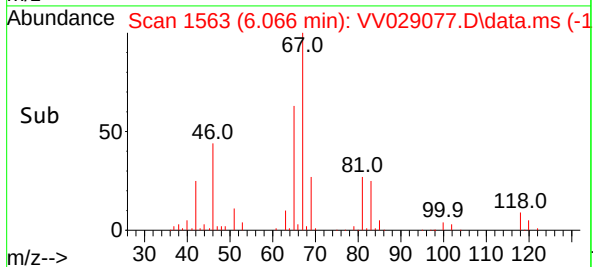
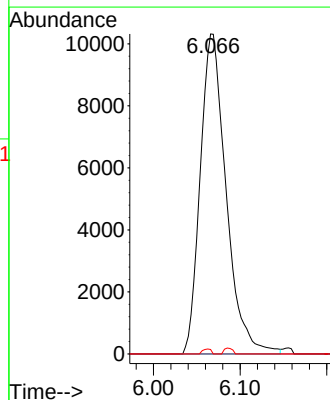
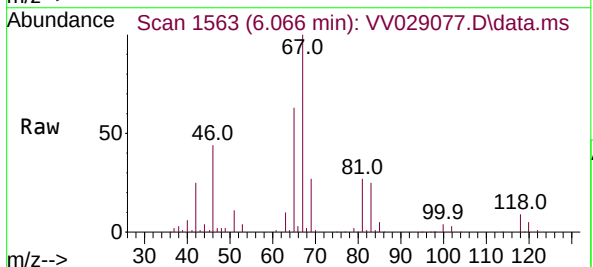
Instrument :
MSVOA_V
ClientSampleId :
BGCC4

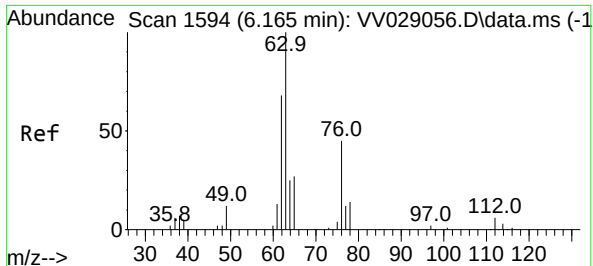
Tgt Ion: 95 Resp: 50449
Ion Ratio Lower Upper
95 100
97 64.8 45.6 84.8
132 109.5 69.1 128.3
130 113.0 74.9 139.1



#35
Methylcyclohexane
Concen: 0.683 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029077.D
Acq: 17 Nov 2022 20:34

Tgt Ion: 83 Resp: 21426
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 0.5 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.563 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV029077.D

Acq: 17 Nov 2022 20:34

Instrument :

MSVOA_V

ClientSampleId :

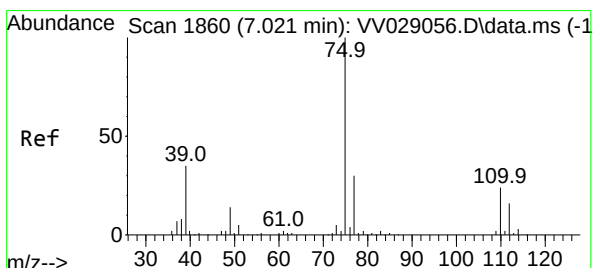
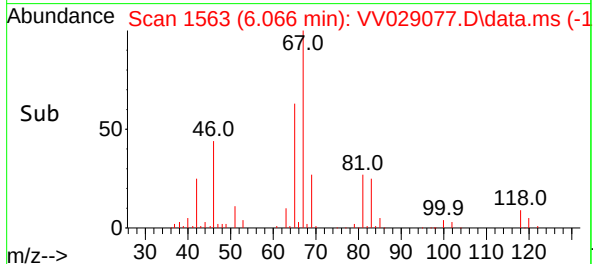
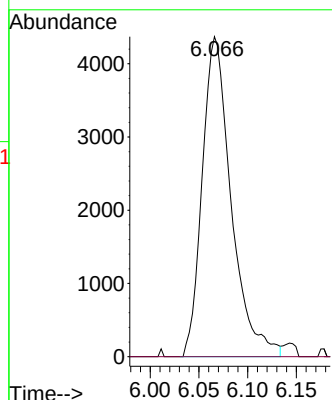
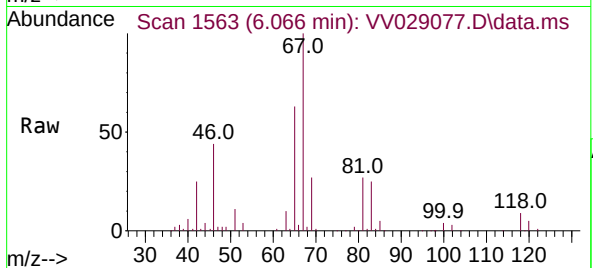
BGCC4

Tgt Ion: 63 Resp: 9046

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.035 min

Lab File: VV029077.D

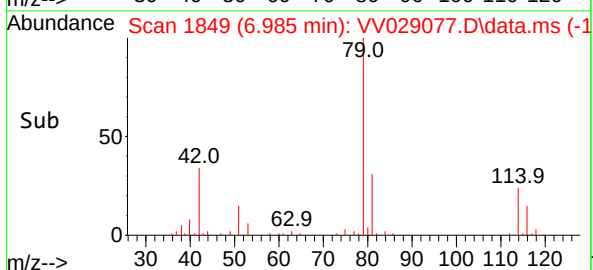
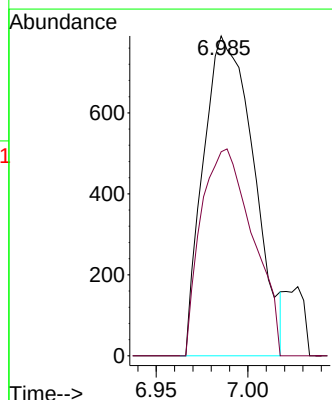
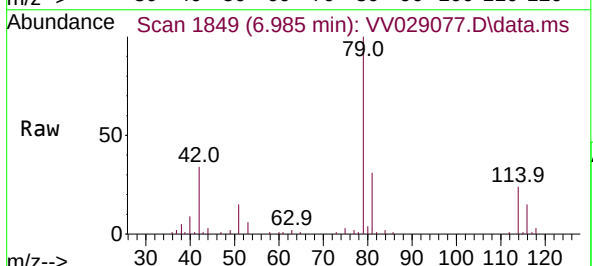
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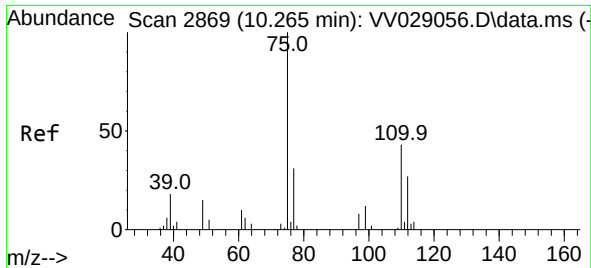
Tgt Ion: 75 Resp: 1504

Ion Ratio Lower Upper

75 100

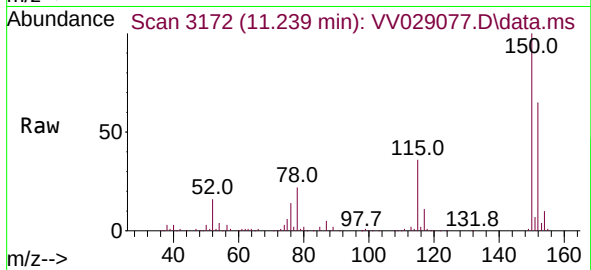
77 63.8 21.8 40.6#





#61
1,2,3-Trichloropropane
Concen: 1.413 ug/L
RT: 11.239 min Scan# 31
Delta R.T. 0.974 min
Lab File: VV029077.D
Acq: 17 Nov 2022 20:34

Instrument :
MSVOA_V
ClientSampleId :
BGCC4



Tgt Ion: 75 Resp: 10083
Ion Ratio Lower Upper
75 100
77 34.0 26.2 39.2
110 2.4 32.6 48.8#

