

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029018.D
 Acq On : 16 Nov 2022 15:42
 Operator : SY/MD
 Sample : N5620-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCA6

Quant Time: Nov 17 02:53:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 02:49:50 2022
 Response via : Initial Calibration

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

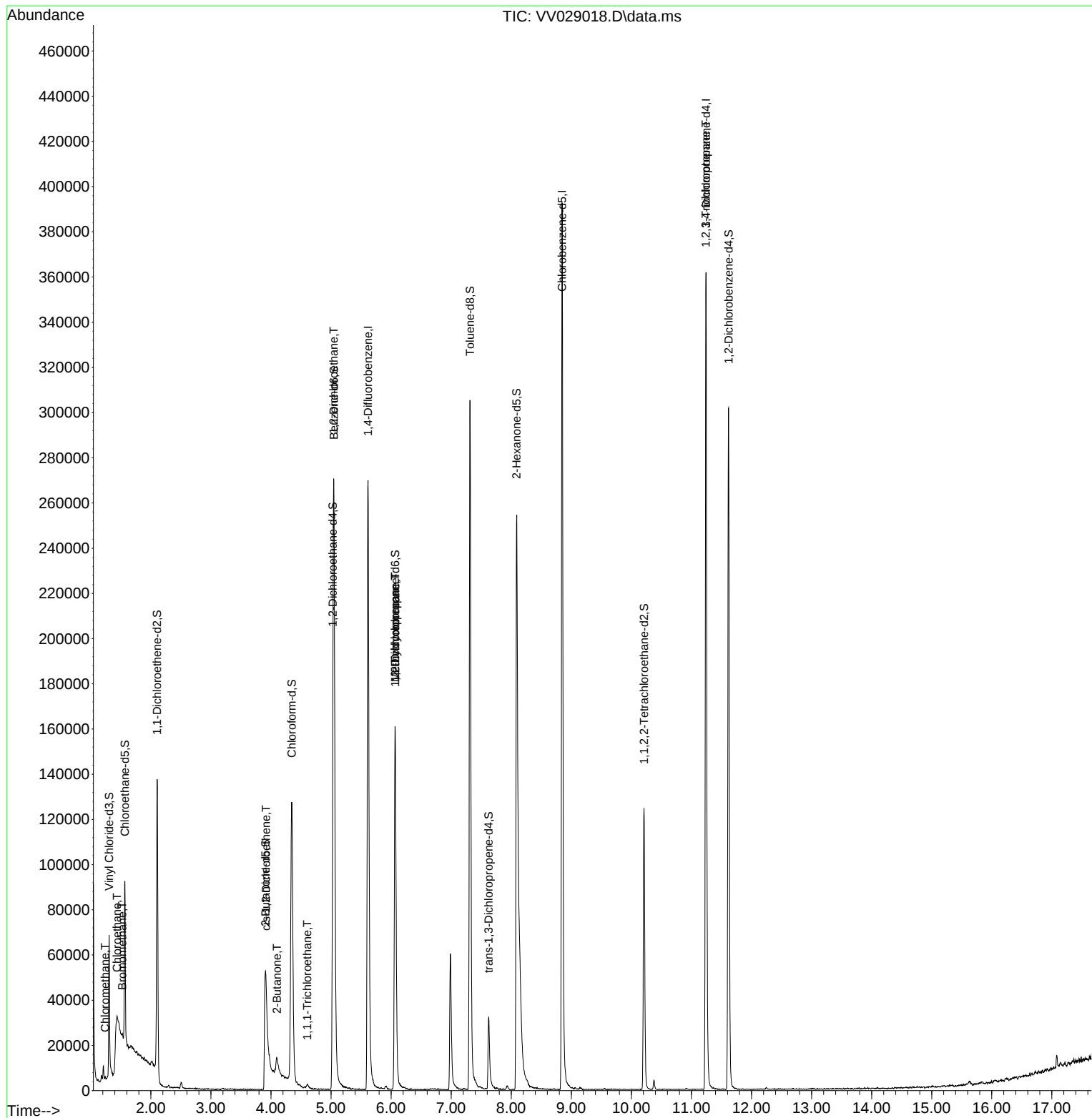
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	259830	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	237961	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	105607	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	41226	2.603	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.000%
7) Chloroethane-d5	1.567	69	48207	3.462	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.200%
11) 1,1-Dichloroethene-d2	2.104	63	63738	2.208	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	44.200%#
20) 2-Butanone-d5	3.908	46	100768	38.002	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.000%
24) Chloroform-d	4.346	84	138655	4.263	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.200%
26) 1,2-Dichloroethane-d4	5.030	65	64040	4.377	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
32) Benzene-d6	5.046	84	265827	3.743	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.800%
36) 1,2-Dichloropropane-d6	6.066	67	83795	4.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.313	98	224402	3.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.200%
43) trans-1,3-Dichloroprop...	7.625	79	23630	3.653	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.000%
46) 2-Hexanone-d5	8.088	63	130932	47.419	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.840%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	65487	4.762	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.200%
66) 1,2-Dichlorobenzene-d4	11.619	152	87901	4.652	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	918	0.051	ug/L	100
6) Bromomethane	1.523	94	1002	0.082	ug/L #	68
8) Chloroethane	1.436	64	102471	8.504	ug/L #	53
21) 2-Butanone	4.098	43	17653	6.685	ug/L #	51
22) cis-1,2-Dichloroethene	3.915	96	7842	0.423	ug/L	96
27) 1,2-Dichloroethane	5.043	62	1453	0.090	ug/L #	70
29) 1,1,1-Trichloroethane	4.603	97	1624	0.058	ug/L #	83
35) Methylcyclohexane	6.066	83	20737	0.634	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	9042	0.539	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	10822	1.500	ug/L #	64

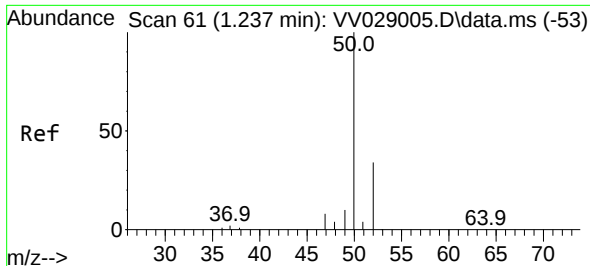
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 17 02:49:50 2022
Response via : Initial Calibration

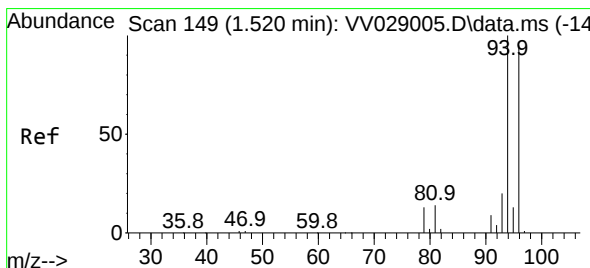
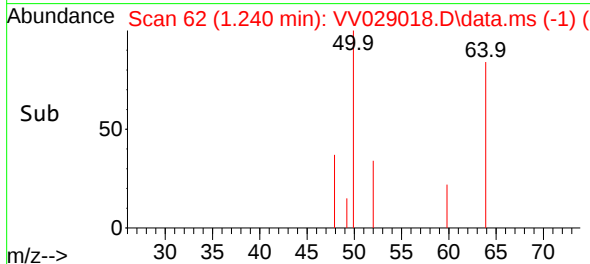
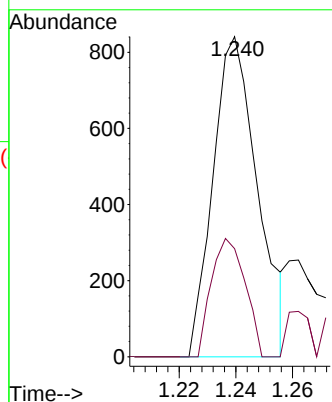
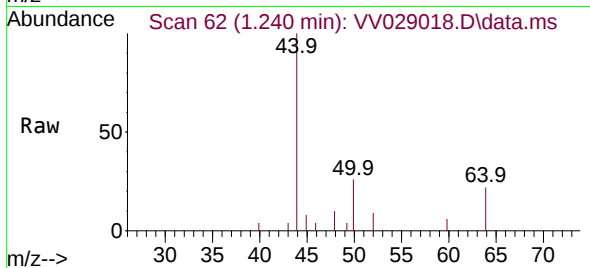




#3
Chloromethane
Concen: 0.051 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029018.D
Acq: 16 Nov 2022 15:42

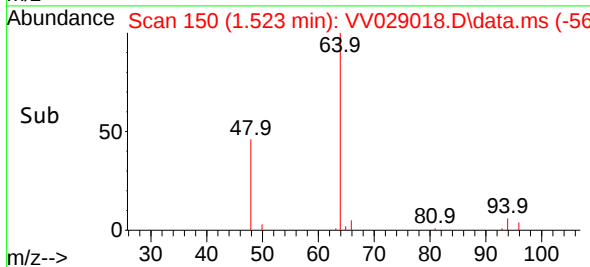
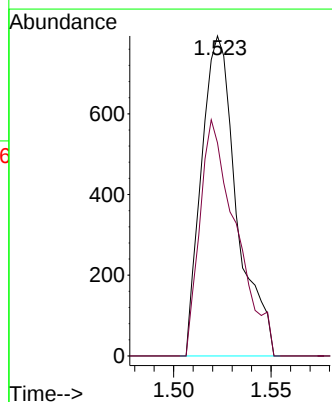
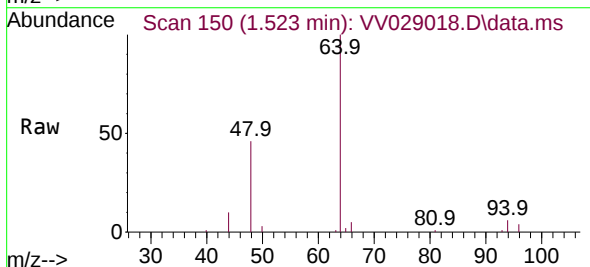
Instrument :
MSVOA_V
ClientSampleId :
BGCA6

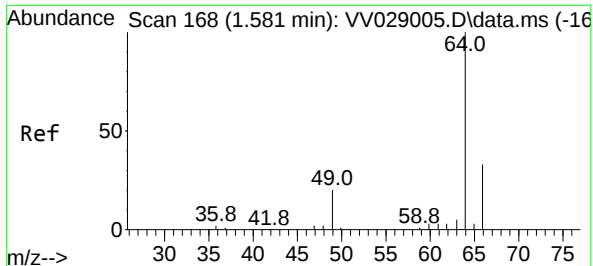
Tgt Ion: 50 Resp: 918
Ion Ratio Lower Upper
50 100
52 33.8 23.7 43.9



#6
Bromomethane
Concen: 0.082 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV029018.D
Acq: 16 Nov 2022 15:42

Tgt Ion: 94 Resp: 1002
Ion Ratio Lower Upper
94 100
96 66.6 68.5 127.3#

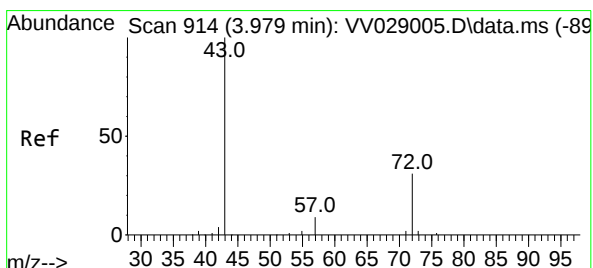
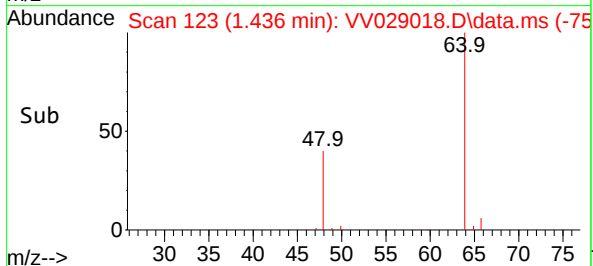
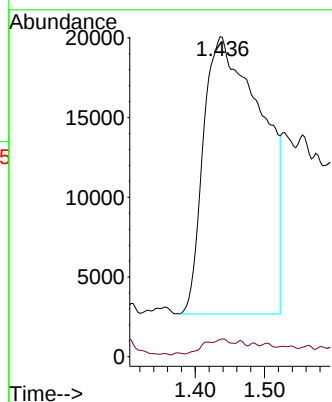
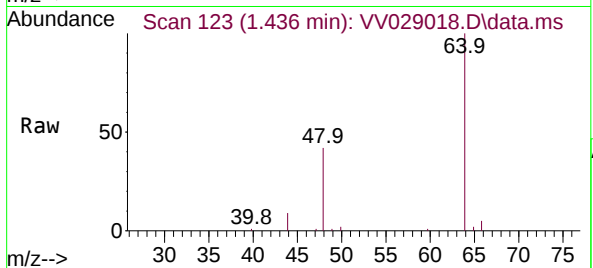




#8
Chloroethane
Concen: 8.504 ug/L
RT: 1.436 min Scan# 11
Delta R.T. -0.145 min
Lab File: VV029018.D
Acq: 16 Nov 2022 15:42

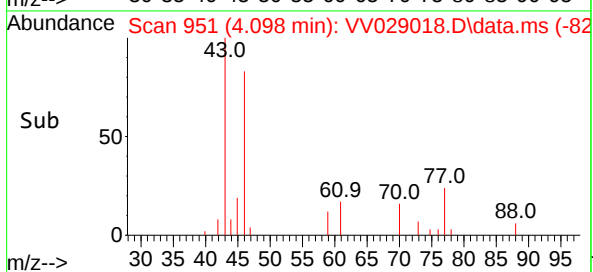
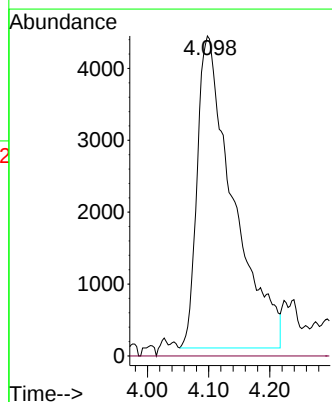
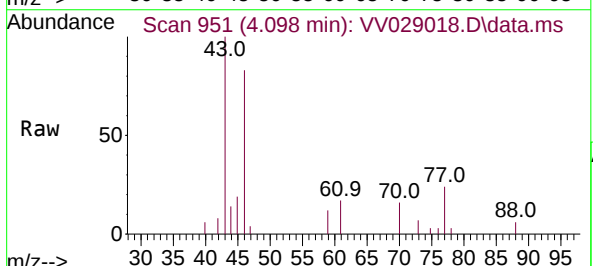
Instrument :
MSVOA_V
ClientSampleId :
BGCA6

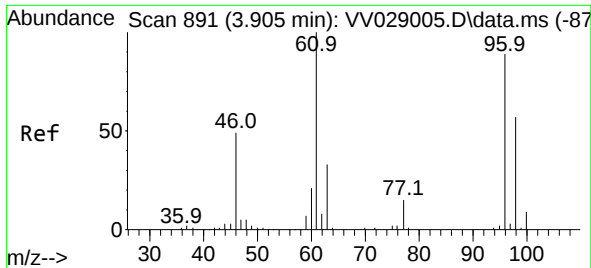
Tgt Ion: 64 Resp: 102471
Ion Ratio Lower Upper
64 100
66 5.4 22.0 40.8#



#21
2-Butanone
Concen: 6.685 ug/L
RT: 4.098 min Scan# 951
Delta R.T. 0.119 min
Lab File: VV029018.D
Acq: 16 Nov 2022 15:42

Tgt Ion: 43 Resp: 17653
Ion Ratio Lower Upper
43 100
72 0.0 11.9 35.9#





#22

cis-1,2-Dichloroethene

Concen: 0.423 ug/L

RT: 3.915 min Scan# 891

Delta R.T. 0.009 min

Lab File: VV029018.D

Acq: 16 Nov 2022 15:42

Instrument :

MSVOA_V

ClientSampleId :

BGCA6

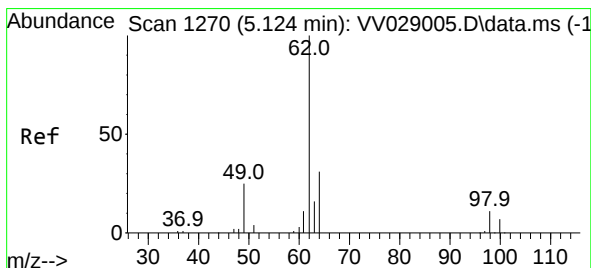
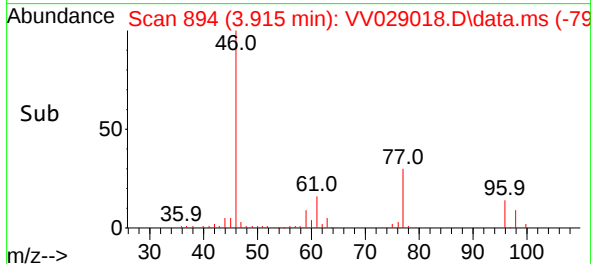
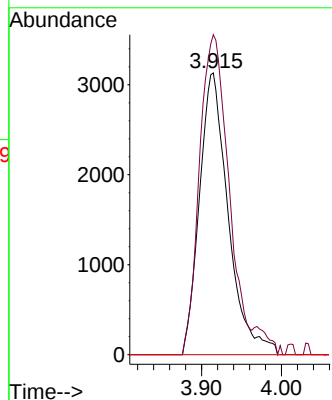
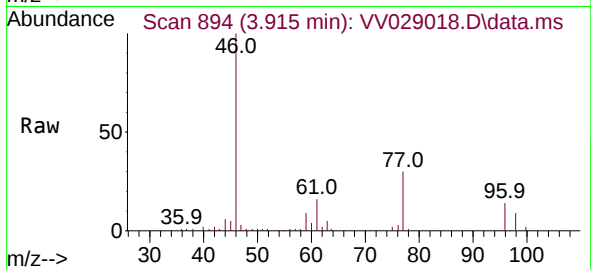
Tgt Ion: 96 Resp: 7842

Ion Ratio Lower Upper

96 100

61 113.6 82.3 152.9

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.090 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.081 min

Lab File: VV029018.D

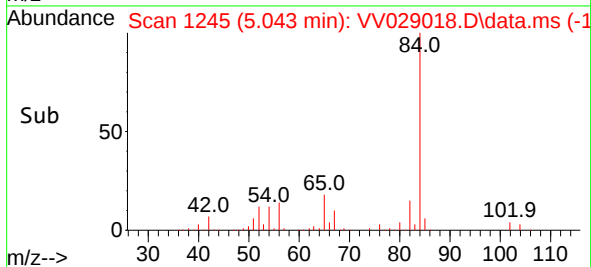
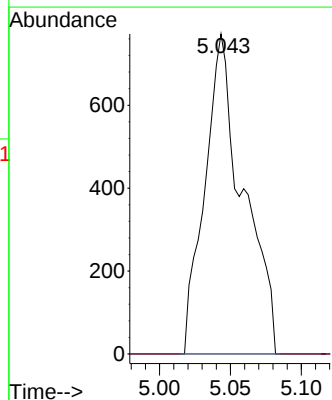
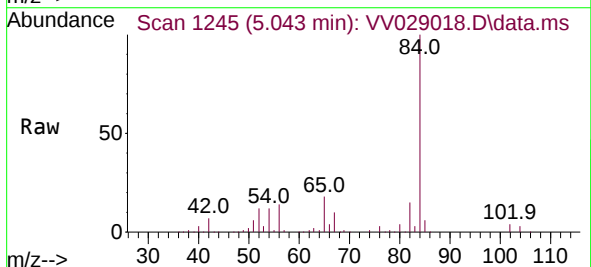
Acq: 16 Nov 2022 15:42

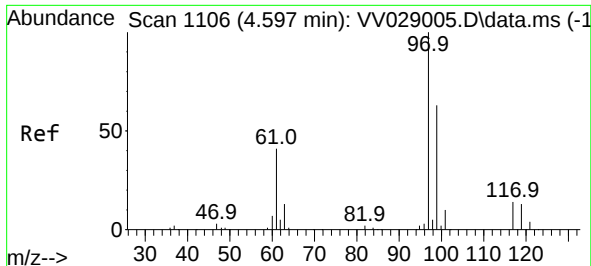
Tgt Ion: 62 Resp: 1453

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#





#29

1,1,1-Trichloroethane

Concen: 0.058 ug/L

RT: 4.603 min Scan# 1106

Delta R.T. 0.006 min

Lab File: VV029018.D

Acq: 16 Nov 2022 15:42

Instrument :

MSVOA_V

ClientSampleId :

BGCA6

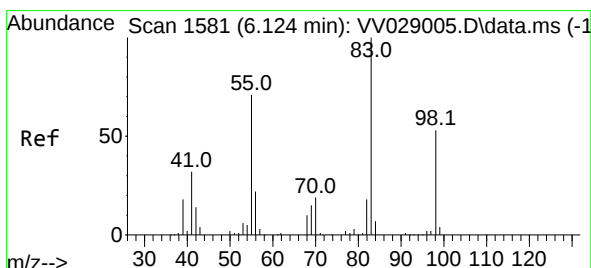
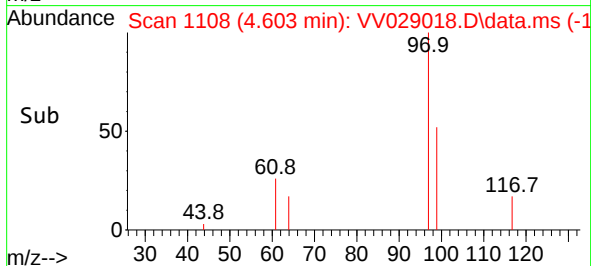
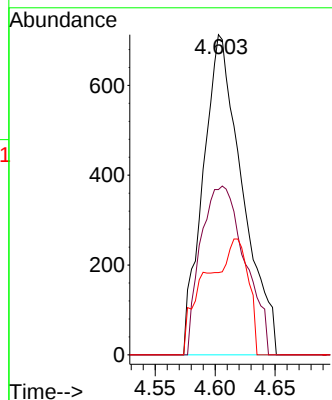
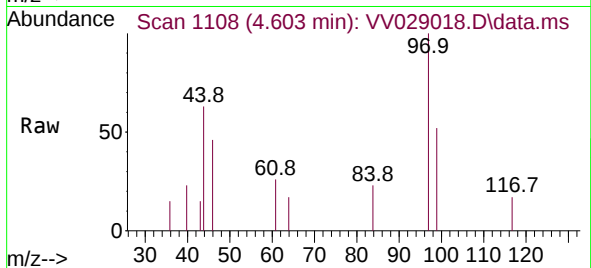
Tgt Ion: 97 Resp: 1624

Ion Ratio Lower Upper

97 100

99 59.2 52.7 79.1

61 22.2 33.8 50.6#



#35

Methylcyclohexane

Concen: 0.634 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV029018.D

Acq: 16 Nov 2022 15:42

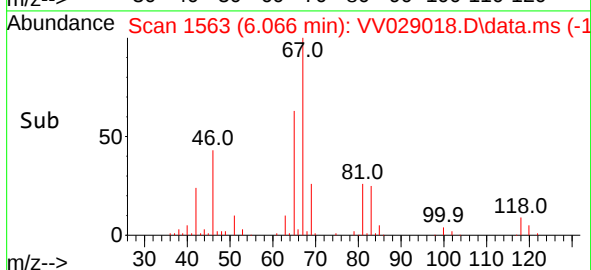
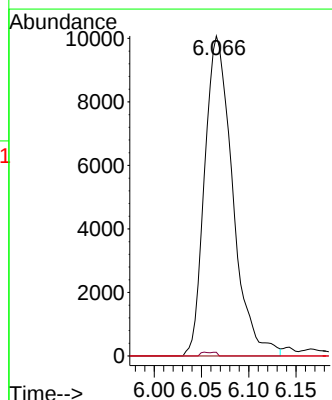
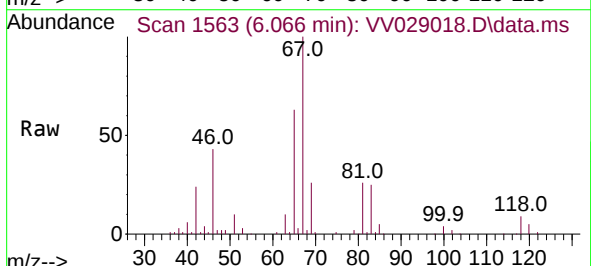
Tgt Ion: 83 Resp: 20737

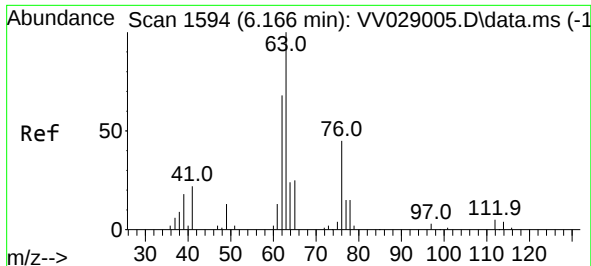
Ion Ratio Lower Upper

83 100

55 0.6 55.8 83.6#

98 0.4 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.539 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.097 min

Lab File: VV029018.D

Acq: 16 Nov 2022 15:42

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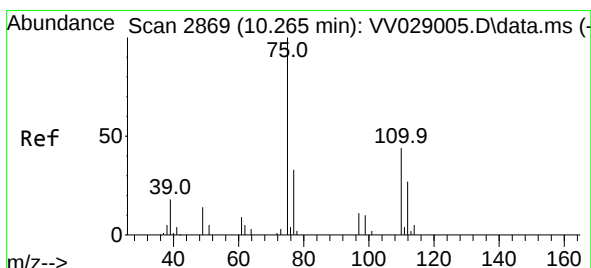
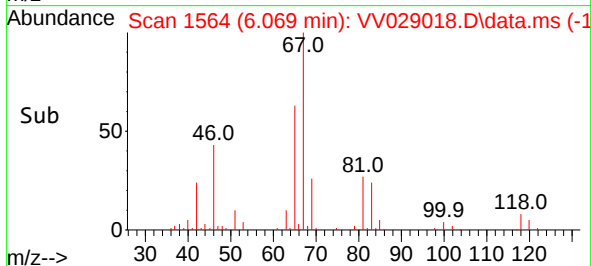
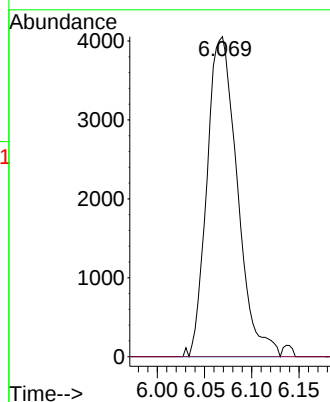
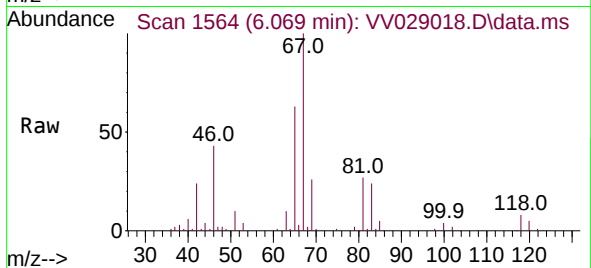
BGCA6

Tgt Ion: 63 Resp: 9042

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.500 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029018.D

Acq: 16 Nov 2022 15:42

Tgt Ion: 75 Resp: 10822

Ion Ratio Lower Upper

75 100

77 34.2 26.2 39.2

110 1.7 32.6 48.8#

