

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029128.D
 Acq On : 18 Nov 2022 19:14
 Operator : SY/MD
 Sample : N5688-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCF0

Quant Time: Nov 18 23:35:32 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

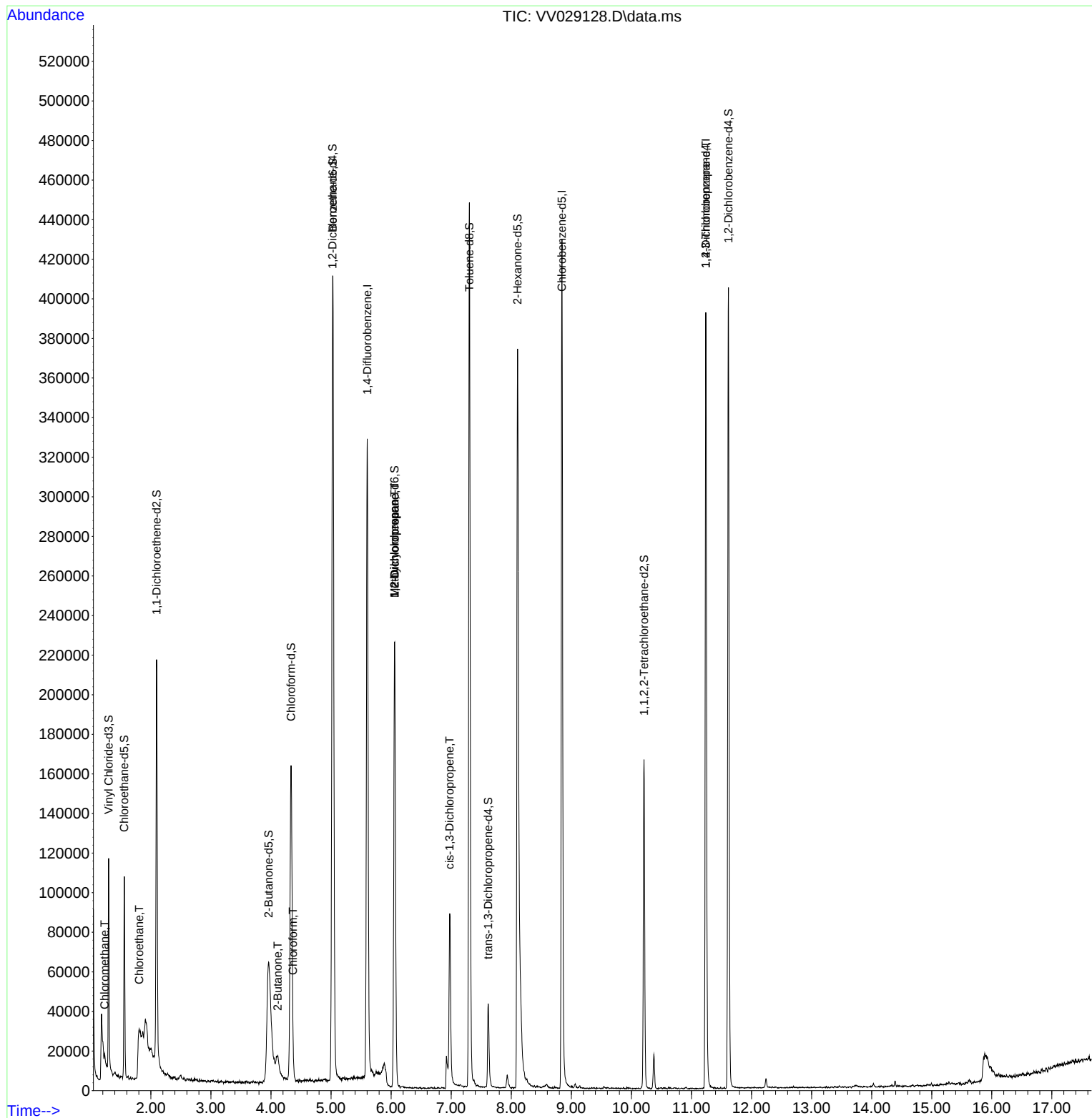
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.603	114	285089	5.000	ug/L	-0.01
28) Chlorobenzene-d5	8.844	117	243534	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	107327	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	72883	4.193	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.800%	
7) Chloroethane-d5	1.558	69	64639	4.230	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	84.600%	
11) 1,1-Dichloroethene-d2	2.095	63	101655	3.209	ug/L	-0.02
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.200%	
20) 2-Butanone-d5	3.960	46	184407	63.383	ug/L	0.06
Spiked Amount	50.000	Range 40 - 130	Recovery	=	126.760%	
24) Chloroform-d	4.333	84	168968	4.735	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	5.024	65	88293	5.499	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.000%	
32) Benzene-d6	5.031	84	346070	4.761	ug/L	-0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
36) 1,2-Dichloropropane-d6	6.056	67	113644	5.599	ug/L	-0.01
Spiked Amount	5.000	Range 60 - 140	Recovery	=	112.000%	
41) Toluene-d8	7.304	98	300163	4.587	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	7.616	79	26107	3.943	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.800%	
46) 2-Hexanone-d5	8.104	63	144546	51.152	ug/L	0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.300%	
56) 1,1,2,2-Tetrachloroeth...	10.210	84	81481	5.790	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	115.800%	
66) 1,2-Dichlorobenzene-d4	11.615	152	108012	5.625	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	112.600%	
Target Compounds						
3) Chloromethane	1.230	50	3252	0.165	ug/L	92
8) Chloroethane	1.806	64	51816	3.919	ug/L #	55
21) 2-Butanone	4.114	43	16098	5.556	ug/L #	52
25) Chloroform	4.365	83	4329	0.126	ug/L	99
35) Methylcyclohexane	6.056	83	27540	0.822	ug/L #	21
37) 1,2-Dichloropropane	6.059	63	12299	0.717	ug/L #	87
39) cis-1,3-Dichloropropene	6.976	75	2107	0.088	ug/L #	62
61) 1,2,3-Trichloropropane	11.239	75	11702	1.595	ug/L #	63

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

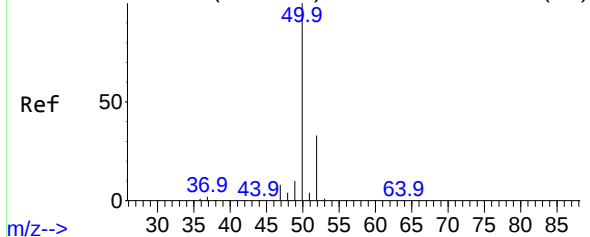
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
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QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration



Abundance Scan 62 (1.240 min): VV029106.D\data.ms (-54)



#3

Chloromethane

Concen: 0.165 ug/L

RT: 1.230 min Scan# 51

Delta R.T. -0.010 min

Lab File: VV029128.D

Acq: 18 Nov 2022 19:14

Instrument :

MSVOA_V

ClientSampleId :

BGCF0

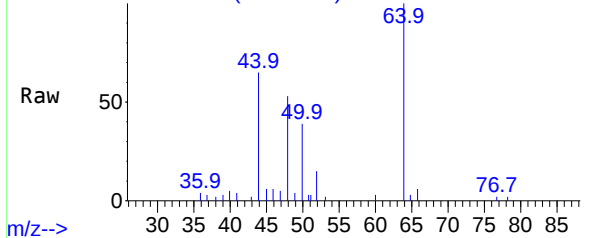
Tgt Ion: 50 Resp: 3252

Ion Ratio Lower Upper

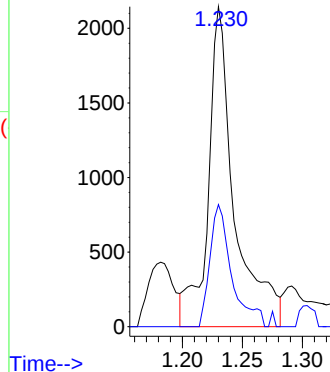
50 100

52 38.2 23.7 43.9

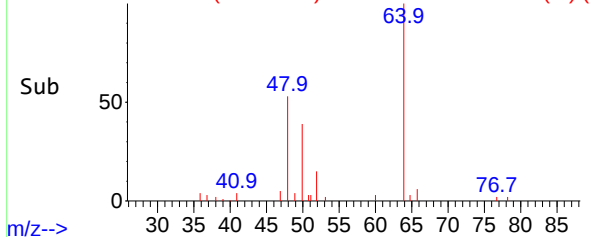
Abundance Scan 59 (1.230 min): VV029128.D\data.ms



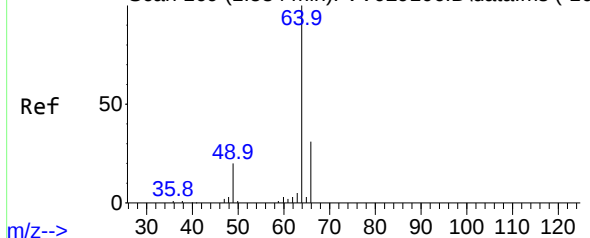
Abundance



Abundance Scan 59 (1.230 min): VV029128.D\data.ms (-1)



Abundance Scan 169 (1.584 min): VV029106.D\data.ms (-16)



#8

Chloroethane

Concen: 3.919 ug/L

RT: 1.806 min Scan# 238

Delta R.T. 0.219 min

Lab File: VV029128.D

Acq: 18 Nov 2022 19:14

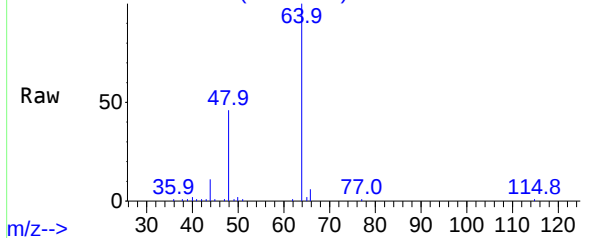
Tgt Ion: 64 Resp: 51816

Ion Ratio Lower Upper

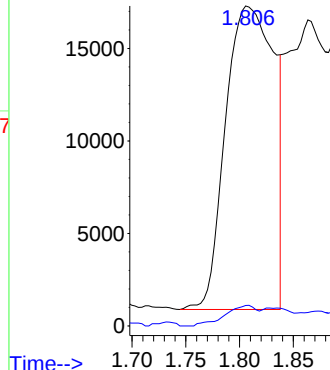
64 100

66 6.4 22.0 40.8#

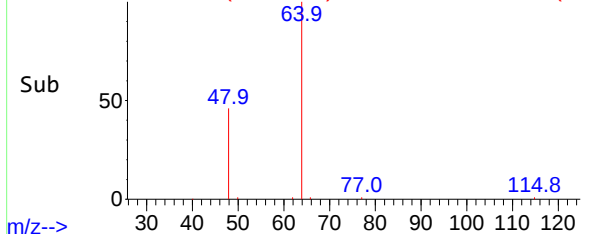
Abundance Scan 238 (1.806 min): VV029128.D\data.ms

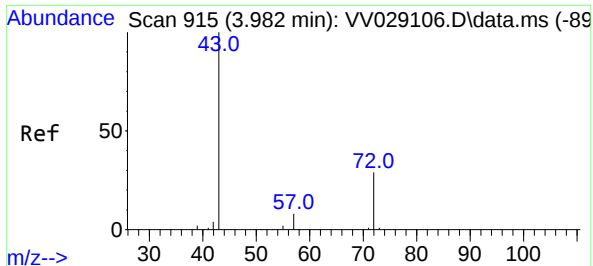


Abundance



Abundance Scan 238 (1.806 min): VV029128.D\data.ms (-77)

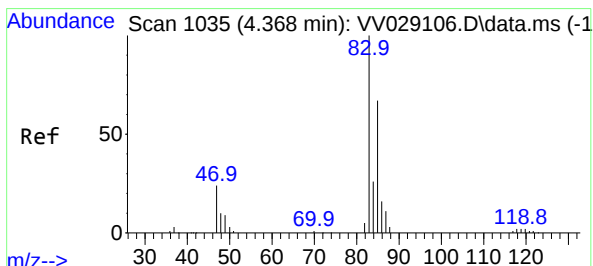
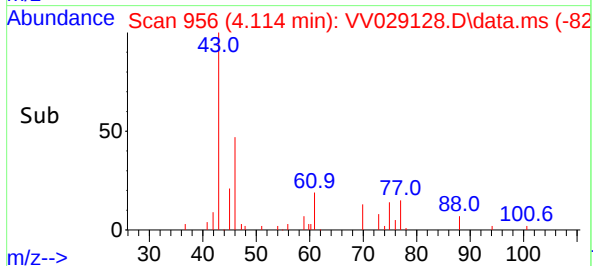
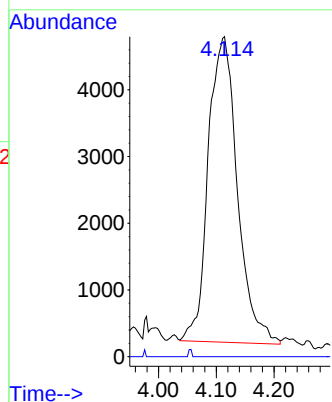
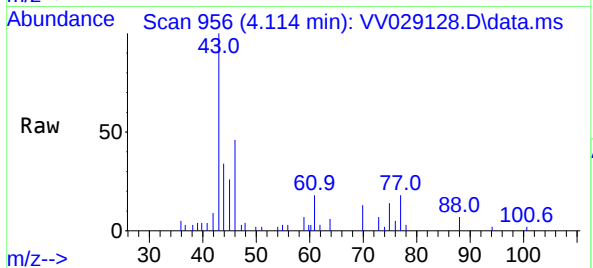




#21
2-Butanone
Concen: 5.556 ug/L
RT: 4.114 min Scan# 915
Delta R.T. 0.129 min
Lab File: VV029128.D
Acq: 18 Nov 2022 19:14

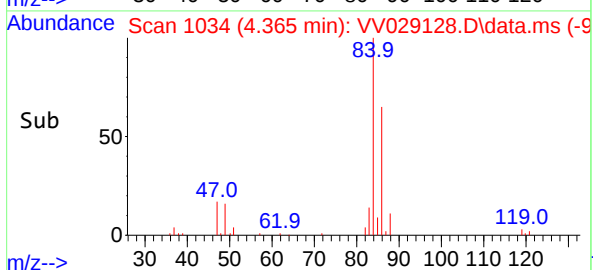
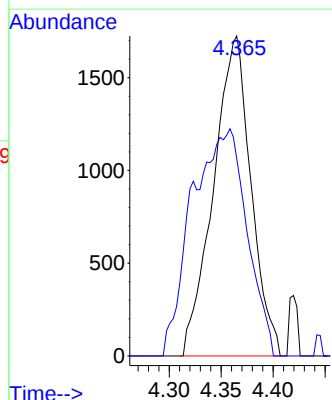
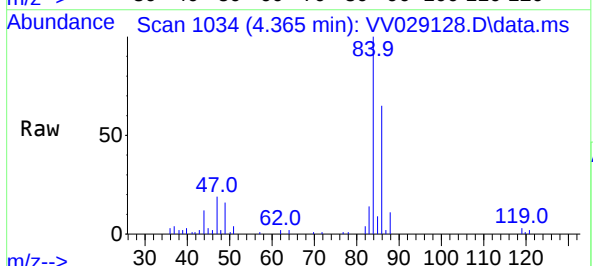
Instrument :
MSVOA_V
ClientSampleId :
BGCFO

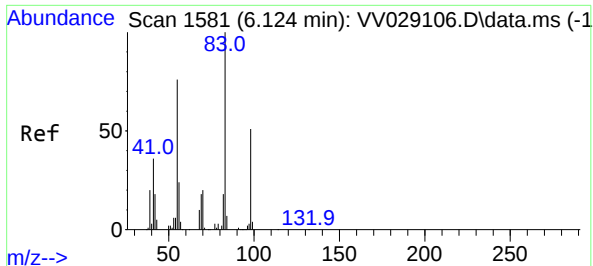
Tgt Ion: 43 Resp: 16098
Ion Ratio Lower Upper
43 100
72 0.3 11.9 35.9#



#25
Chloroform
Concen: 0.126 ug/L
RT: 4.365 min Scan# 1034
Delta R.T. -0.010 min
Lab File: VV029128.D
Acq: 18 Nov 2022 19:14

Tgt Ion: 83 Resp: 4329
Ion Ratio Lower Upper
83 100
85 61.7 43.7 81.1





#35

Methylcyclohexane

Concen: 0.822 ug/L

RT: 6.056 min Scan# 1561

Delta R.T. -0.074 min

Lab File: VV029128.D

Acq: 18 Nov 2022 19:14

Instrument :

MSVOA_V

ClientSampleId :

BGCF0

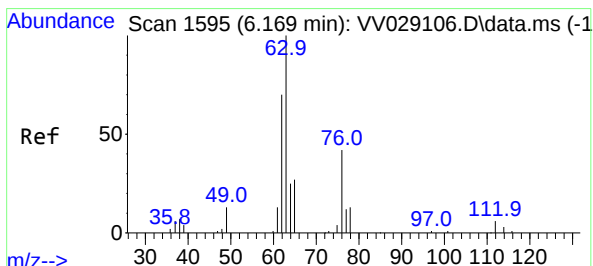
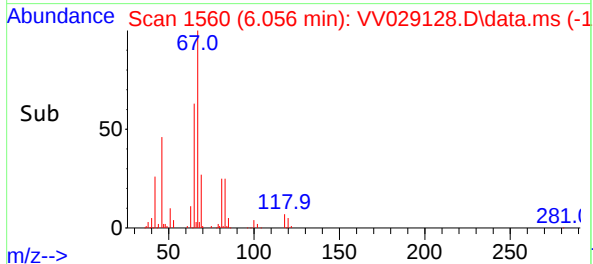
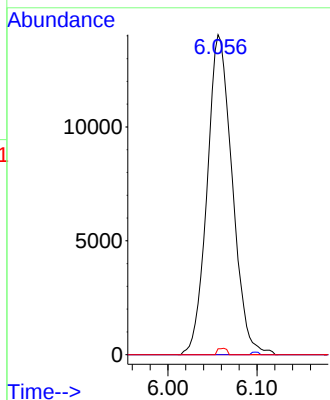
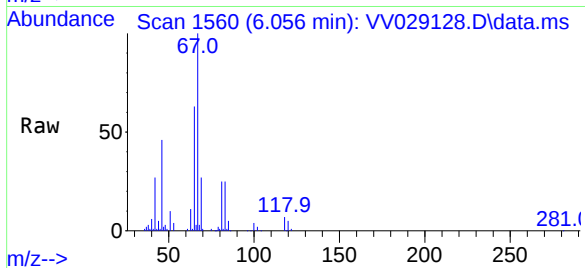
Tgt Ion: 83 Resp: 27540

Ion Ratio Lower Upper

83 100

55 0.2 55.8 83.6#

98 0.7 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.717 ug/L

RT: 6.059 min Scan# 1561

Delta R.T. -0.113 min

Lab File: VV029128.D

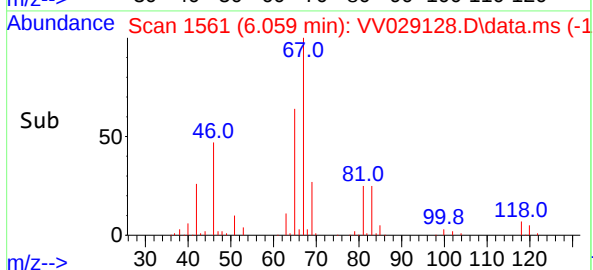
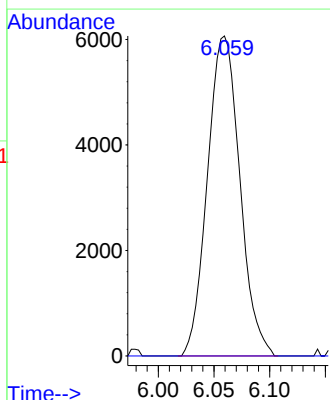
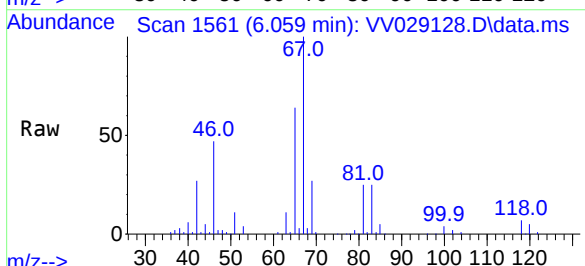
Acq: 18 Nov 2022 19:14

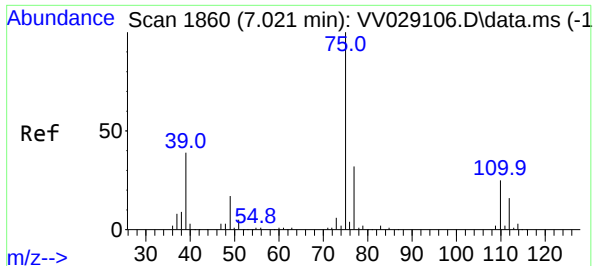
Tgt Ion: 63 Resp: 12299

Ion Ratio Lower Upper

63 100

112 0.6 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 6.976 min Scan# 11

Delta R.T. -0.052 min

Lab File: VV029128.D

Acq: 18 Nov 2022 19:14

Instrument :

MSVOA_V

ClientSampleId :

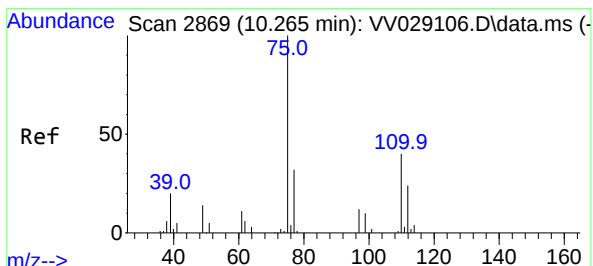
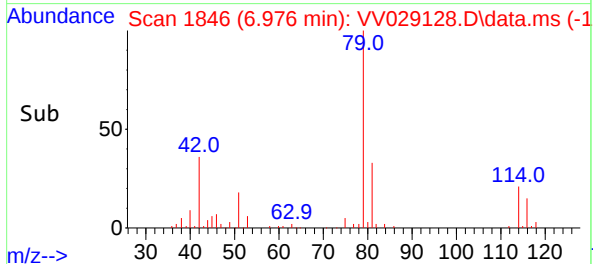
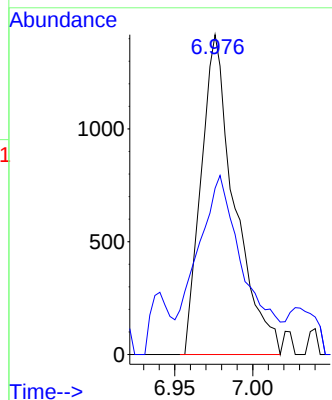
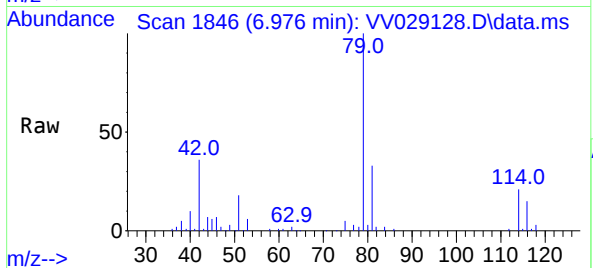
BGCF0

Tgt Ion: 75 Resp: 2107

Ion Ratio Lower Upper

75 100

77 52.0 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.595 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.971 min

Lab File: VV029128.D

Acq: 18 Nov 2022 19:14

Tgt Ion: 75 Resp: 11702

Ion Ratio Lower Upper

75 100

77 36.7 26.2 39.2

110 2.4 32.6 48.8#

