

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029130.D
 Acq On : 18 Nov 2022 20:03
 Operator : SY/MD
 Sample : N5688-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCF2

Quant Time: Nov 18 23:35:46 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)

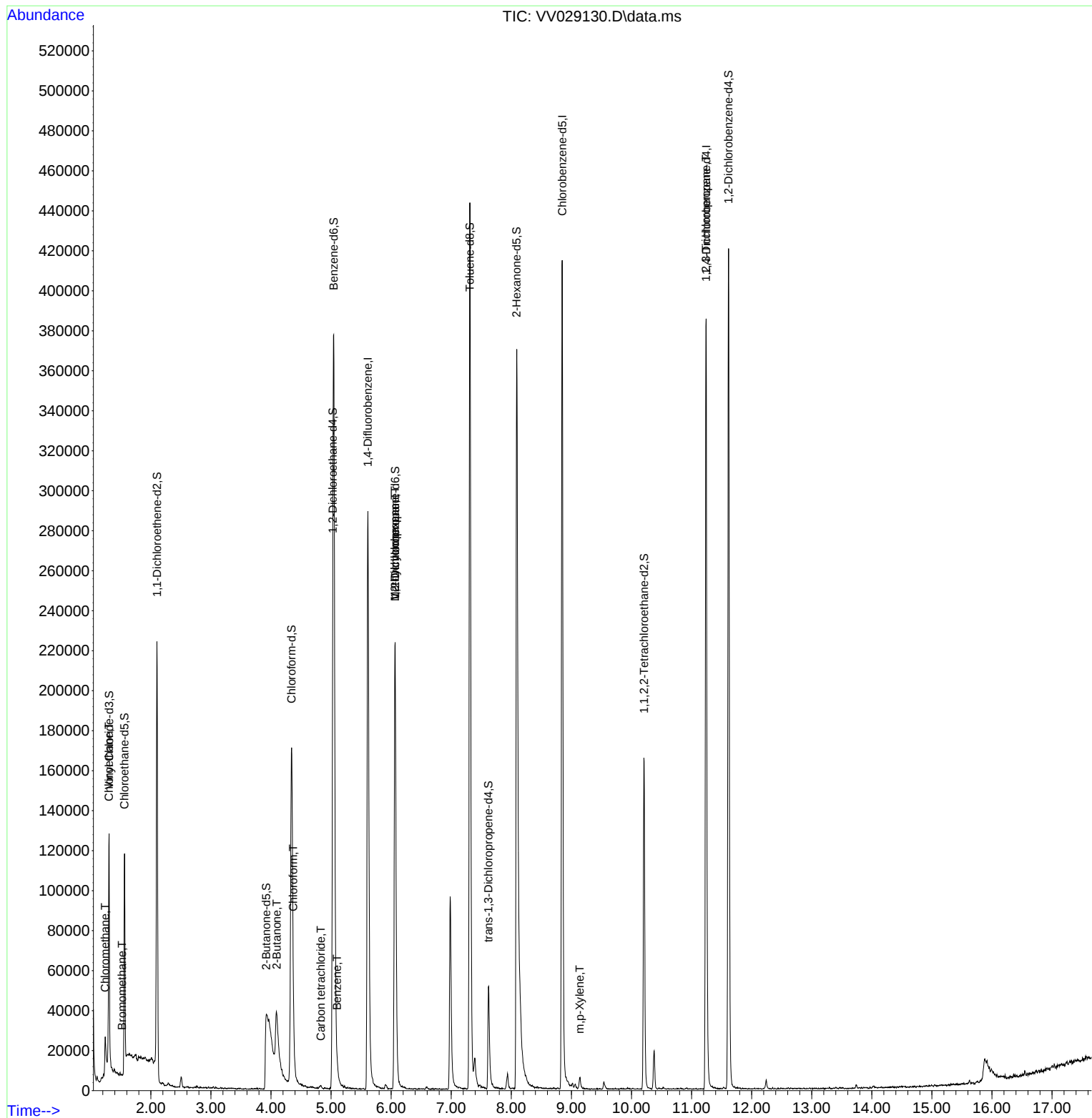
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	266449	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	238903	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	107404	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	75071	4.621	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.561	69	69613	4.875	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.400%
11) 1,1-Dichloroethene-d2	2.101	63	110213	3.723	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.400%
20) 2-Butanone-d5	3.921	46	65587	24.120	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	48.240%
24) Chloroform-d	4.343	84	182300	5.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.400%
26) 1,2-Dichloroethane-d4	5.027	65	89363	5.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.200%
32) Benzene-d6	5.043	84	362719	5.087	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.066	67	117258	5.889	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.800%
41) Toluene-d8	7.310	98	313204	4.879	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	7.619	79	33422	5.146	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.088	63	149602	53.967	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.940%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	84396	6.113	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.200%#
66) 1,2-Dichlorobenzene-d4	11.616	152	114511	5.959	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	7954	0.431	ug/L	96
6) Bromomethane	1.519	94	520	0.041	ug/L #	60
8) Chloroethane	1.301	64	3618	0.293	ug/L	92
21) 2-Butanone	4.095	43	73280	27.060	ug/L #	51
25) Chloroform	4.368	83	11281	0.352	ug/L	98
31) Carbon tetrachloride	4.831	117	990	0.041	ug/L #	60
33) Benzene	5.098	78	3715	0.051	ug/L	100
35) Methylcyclohexane	6.063	83	29051	0.884	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	12282	0.730	ug/L #	86
53) m,p-Xylene	9.137	106	1871	0.057	ug/L	88
61) 1,2,3-Trichloropropane	11.239	75	12371	1.685	ug/L #	64

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

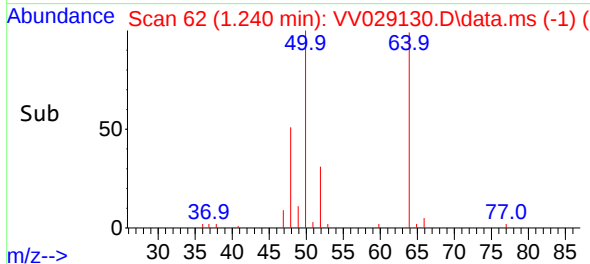
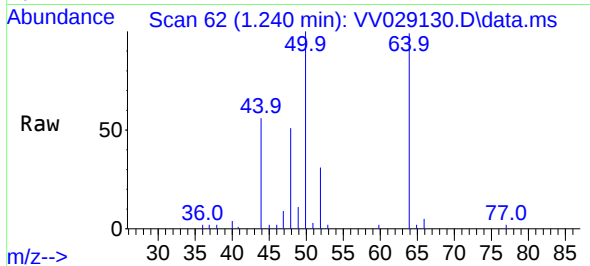
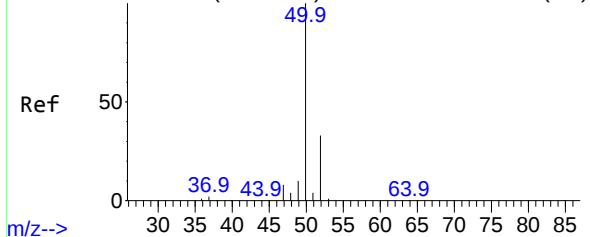
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration



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



#3

Chloromethane

Concen: 0.431 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV029130.D

Acq: 18 Nov 2022 20:03

Instrument :

MSVOA_V

ClientSampleId :

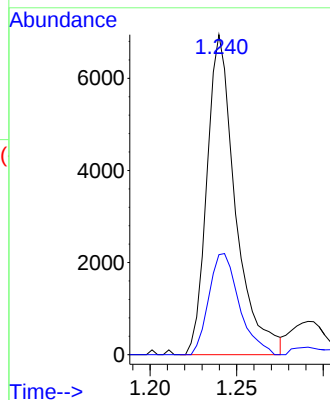
BGCF2

Tgt Ion: 50 Resp: 7954

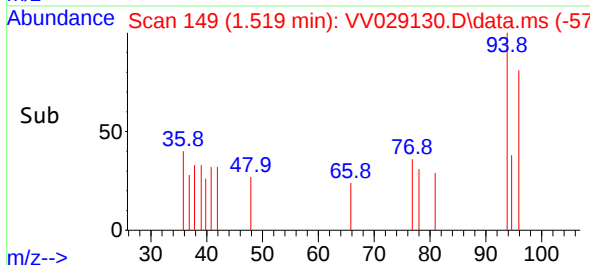
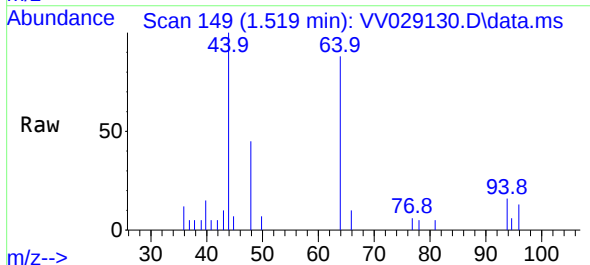
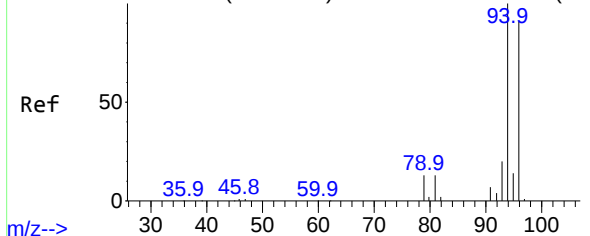
Ion Ratio Lower Upper

50 100

52 31.3 23.7 43.9



Abundance Scan 150 (1.523 min): VV029106.D\data.ms (-14)



#6

Bromomethane

Concen: 0.041 ug/L

RT: 1.519 min Scan# 149

Delta R.T. -0.003 min

Lab File: VV029130.D

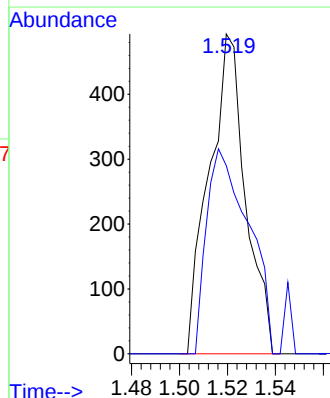
Acq: 18 Nov 2022 20:03

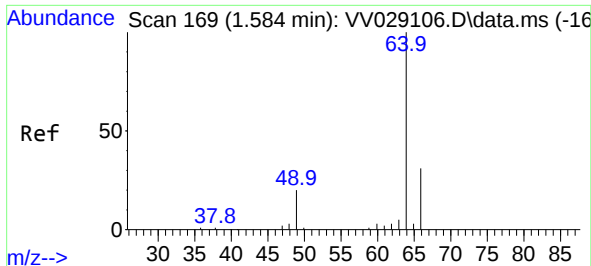
Tgt Ion: 94 Resp: 520

Ion Ratio Lower Upper

94 100

96 58.8 68.5 127.3#

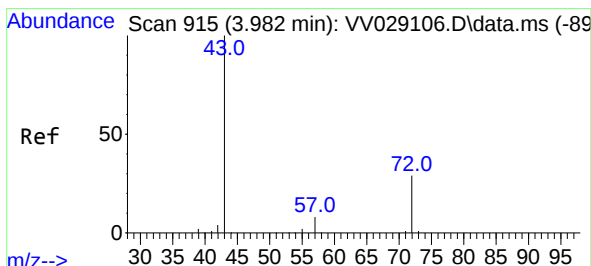
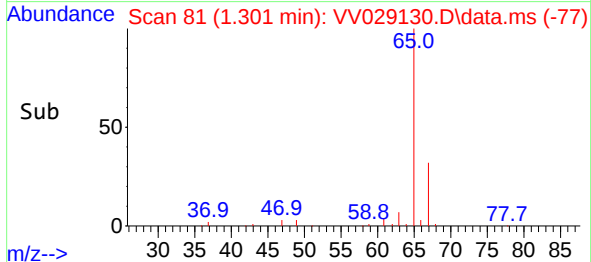
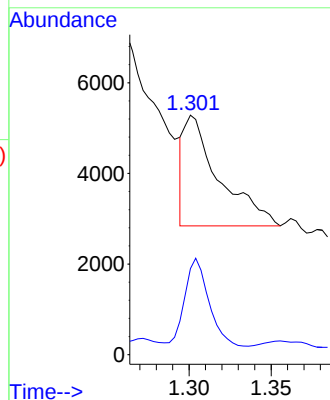
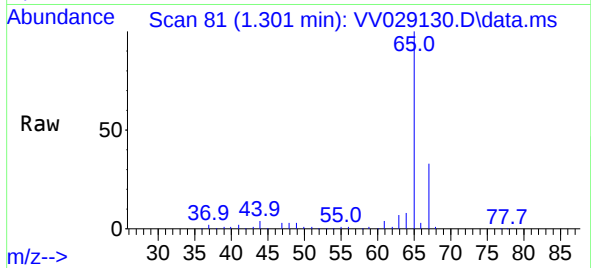




#8
Chloroethane
Concen: 0.293 ug/L
RT: 1.301 min Scan# 81
Delta R.T. -0.286 min
Lab File: VV029130.D
Acq: 18 Nov 2022 20:03

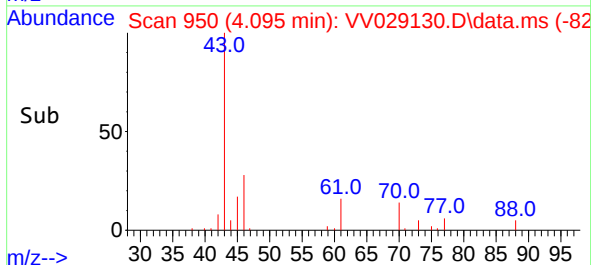
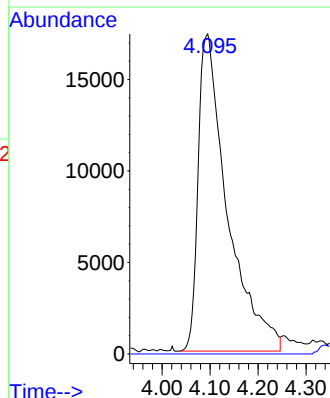
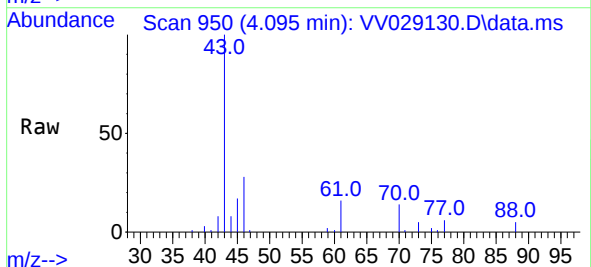
Instrument :
MSVOA_V
ClientSampleId :
BGCF2

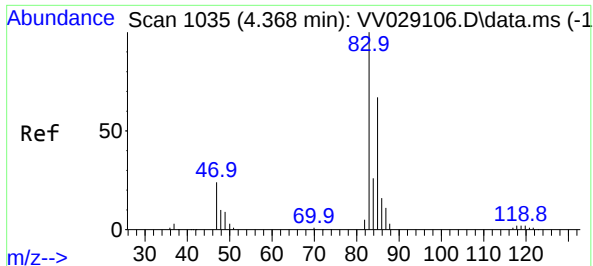
Tgt Ion: 64 Resp: 3618
Ion Ratio Lower Upper
64 100
66 35.9 22.0 40.8



#21
2-Butanone
Concen: 27.060 ug/L
RT: 4.095 min Scan# 950
Delta R.T. 0.109 min
Lab File: VV029130.D
Acq: 18 Nov 2022 20:03

Tgt Ion: 43 Resp: 73280
Ion Ratio Lower Upper
43 100
72 0.0 11.9 35.9#





#25

Chloroform

Concen: 0.352 ug/L

RT: 4.368 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VV029130.D

Acq: 18 Nov 2022 20:03

Instrument :

MSVOA_V

ClientSampleId :

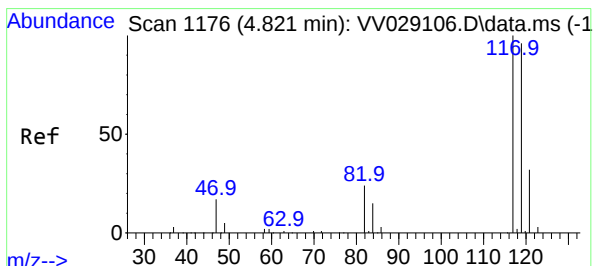
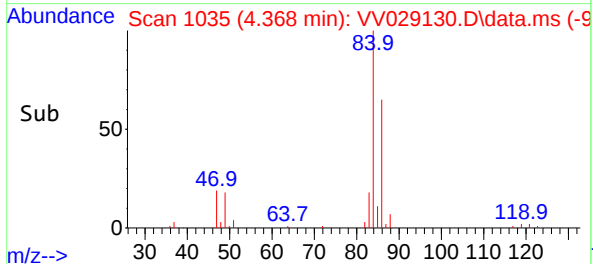
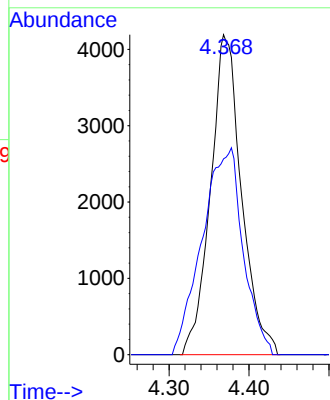
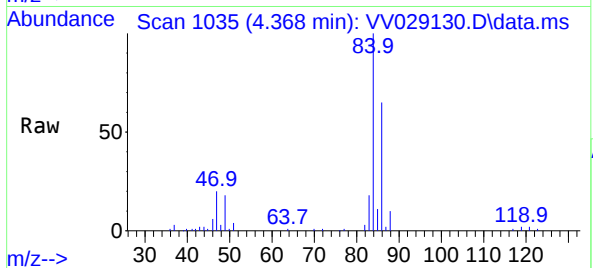
BGCF2

Tgt Ion: 83 Resp: 11281

Ion Ratio Lower Upper

83 100

85 61.2 43.7 81.1



#31

Carbon tetrachloride

Concen: 0.041 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.003 min

Lab File: VV029130.D

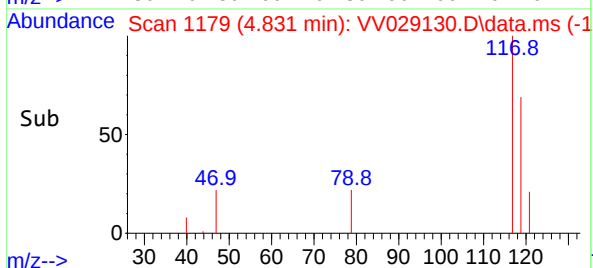
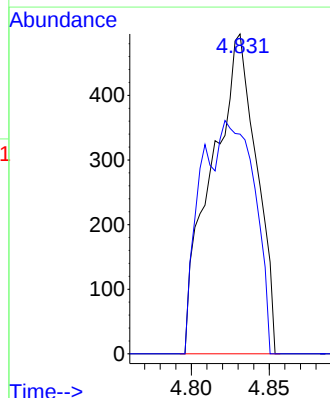
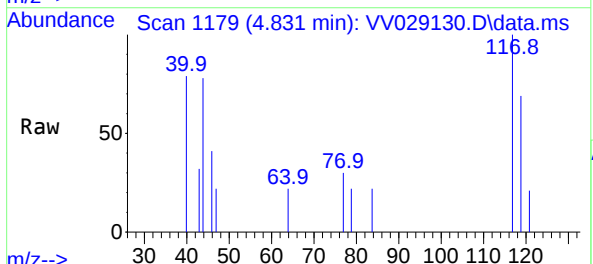
Acq: 18 Nov 2022 20:03

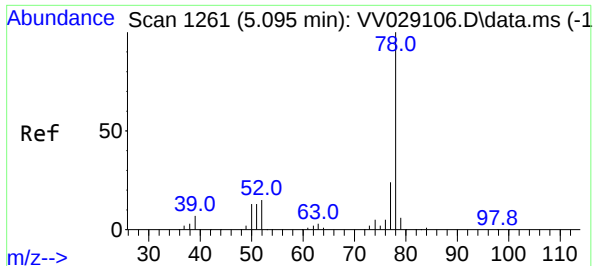
Tgt Ion: 117 Resp: 990

Ion Ratio Lower Upper

117 100

119 57.4 77.0 115.6#

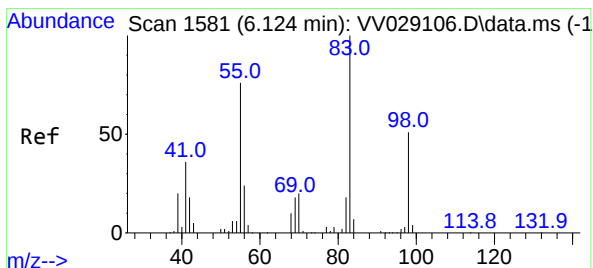
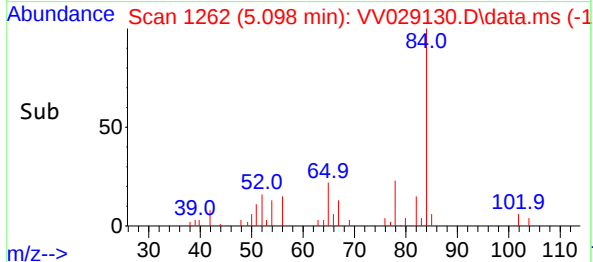
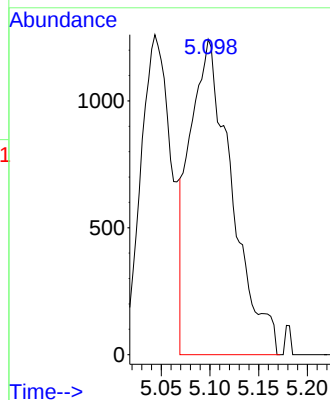
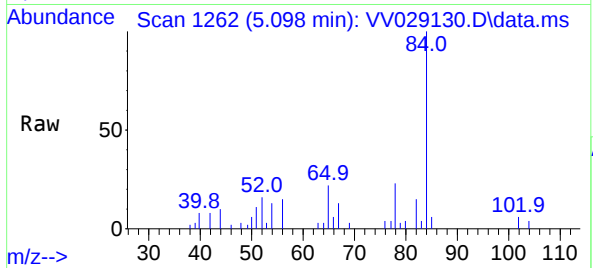




#33
Benzene
Concen: 0.051 ug/L
RT: 5.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029130.D
Acq: 18 Nov 2022 20:03

Instrument :
MSVOA_V
ClientSampleId :
BGCF2

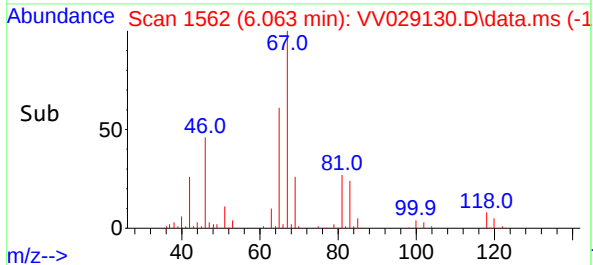
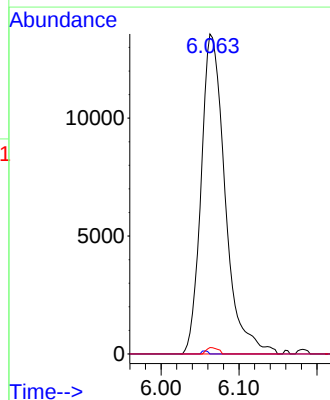
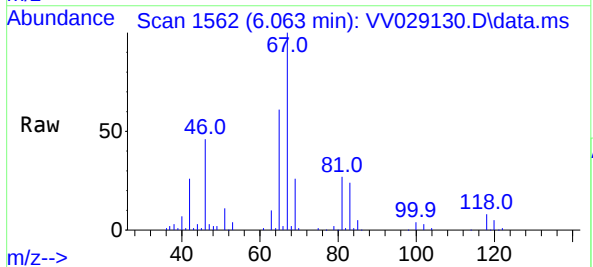
Tgt Ion: 78 Resp: 3715

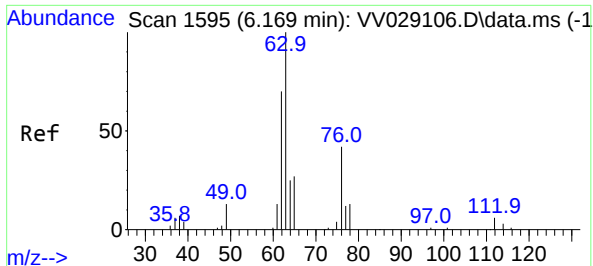


#35
Methylcyclohexane
Concen: 0.884 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.068 min
Lab File: VV029130.D
Acq: 18 Nov 2022 20:03

Tgt Ion: 83 Resp: 29051

Ion	Ratio	Lower	Upper
83	100		
55	0.2	55.8	83.6#
98	1.0	38.2	57.2#

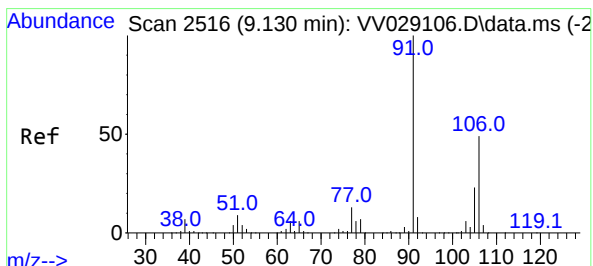
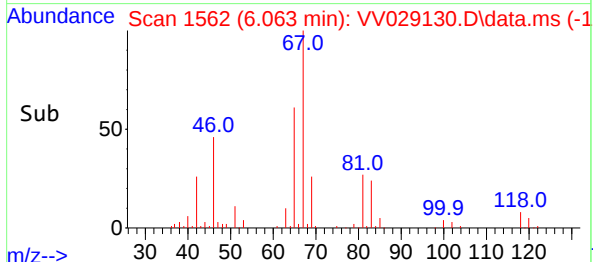
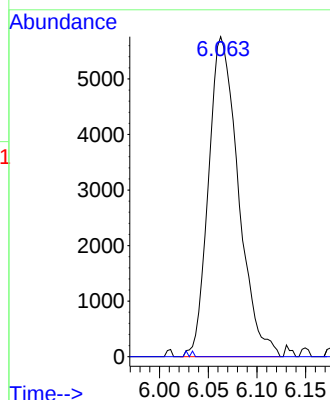
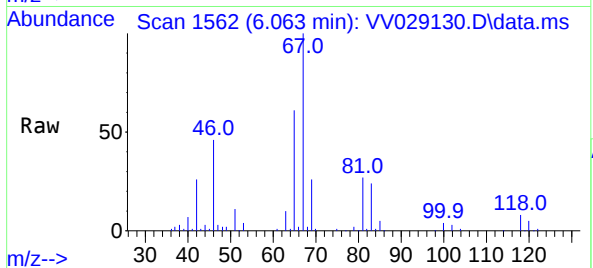




#37
1,2-Dichloropropane
Concen: 0.730 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.109 min
Lab File: VV029130.D
Acq: 18 Nov 2022 20:03

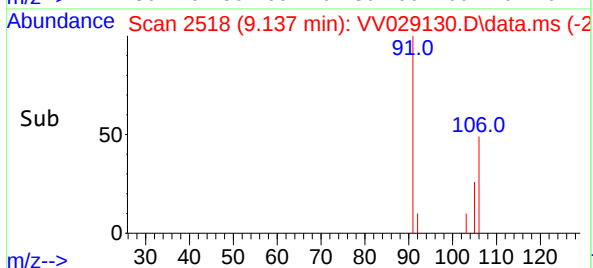
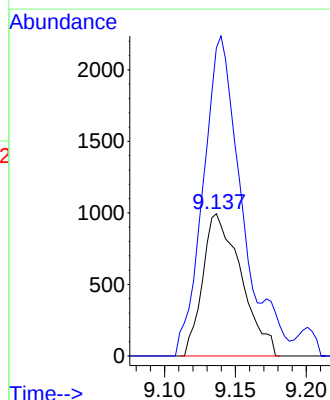
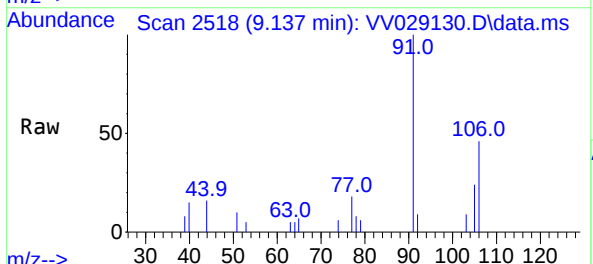
Instrument :
MSVOA_V
ClientSampleId :
BGCF2

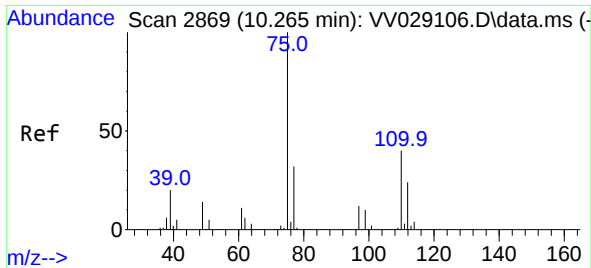
Tgt Ion: 63 Resp: 12282
Ion Ratio Lower Upper
63 100
112 0.3 4.0 6.0#



#53
m,p-Xylene
Concen: 0.057 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV029130.D
Acq: 18 Nov 2022 20:03

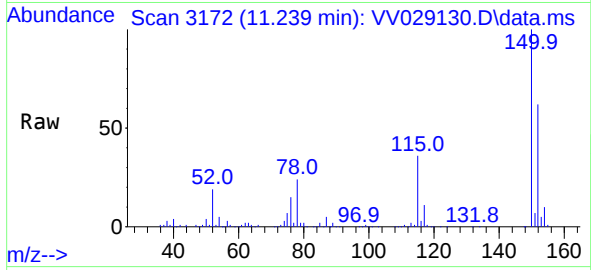
Tgt Ion: 106 Resp: 1871
Ion Ratio Lower Upper
106 100
91 216.7 139.1 258.3





#61
 1,2,3-Trichloropropane
 Concen: 1.685 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV029130.D
 Acq: 18 Nov 2022 20:03

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCF2



Tgt Ion: 75 Resp: 12371
 Ion Ratio Lower Upper
 75 100
 77 35.8 26.2 39.2
 110 3.0 32.6 48.8#

