

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029140.D
 Acq On : 19 Nov 2022 00:49
 Operator : SY/MD
 Sample : M5688-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCG5

Quant Time: Nov 19 02:00:56 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	272215	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	255621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	115758	5.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.307	65	68500	4.128	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.568	69	65042	4.458	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.105	63	97649	3.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	3.899	46	128336	46.197	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.400%
24) Chloroform-d	4.343	84	163890	4.810	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.200%
26) 1,2-Dichloroethane-d4	5.027	65	77943	5.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.047	84	335982	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.066	67	106174	4.983	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.310	98	293376	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
43) trans-1,3-Dichloroprop...	7.622	79	31379	4.516	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.088	63	148525	50.074	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.140%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	80096	5.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	107011	5.167	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.400%

Target Compounds

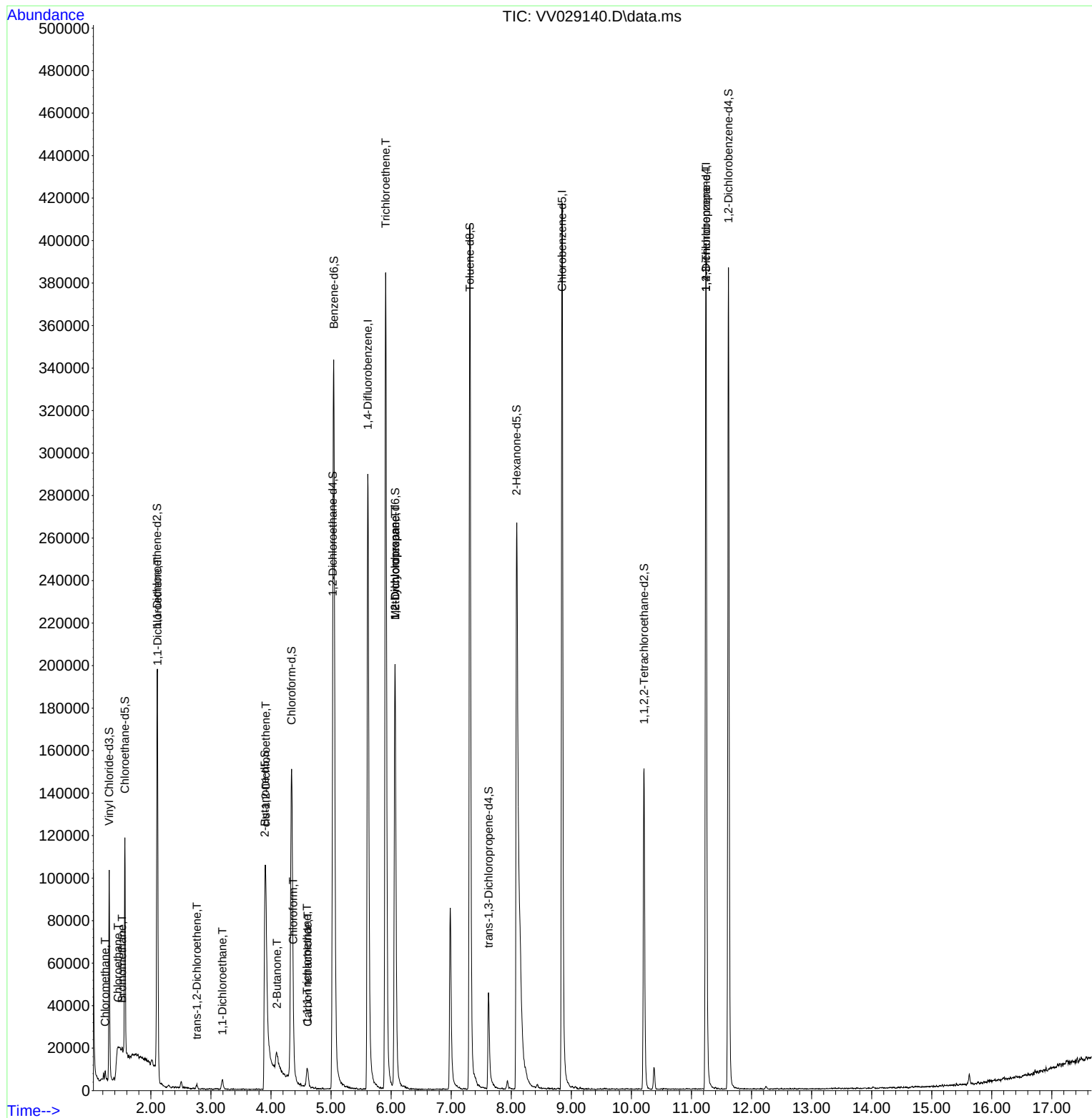
						Qvalue
3) Chloromethane	1.240	50	3441	0.183	ug/L	95
6) Bromomethane	1.520	94	577	0.045	ug/L	81
8) Chloroethane	1.455	64	28408	2.250	ug/L #	51
12) 1,1-Dichloroethene	2.111	96	1741	0.106	ug/L #	1
18) trans-1,2-Dichloroethene	2.767	96	758	0.040	ug/L	79
19) 1,1-Dichloroethane	3.191	63	4571	0.146	ug/L	98
21) 2-Butanone	4.098	43	24770	8.953	ug/L #	52
22) cis-1,2-Dichloroethene	3.912	96	37527	1.931	ug/L	99
25) Chloroform	4.371	83	3475	0.106	ug/L	86
29) 1,1,1-Trichloroethane	4.600	97	7538	0.251	ug/L	96
31) Carbon tetrachloride	4.613	117	782	0.030	ug/L #	48
34) Trichloroethene	5.908	95	143831	7.192	ug/L	97
35) Methylcyclohexane	6.066	83	26152	0.744	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11269	0.626	ug/L #	85
61) 1,2,3-Trichloropropane	11.243	75	13310	1.683	ug/L #	62

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

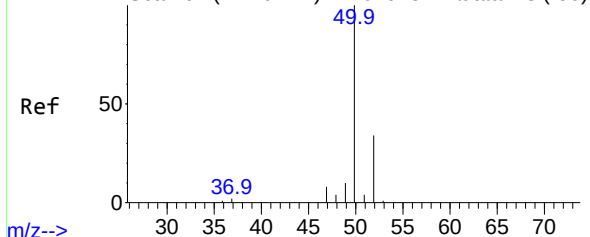
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 04:35:43 2022
Response via : Initial Calibration



Abundance Scan 62 (1.240 min): VV029132.D\data.ms (-50)



#3

Chloromethane

Concen: 0.183 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV029140.D

Acq: 19 Nov 2022 00:49

Instrument :

MSVOA_V

ClientSampleId :

BGCG5

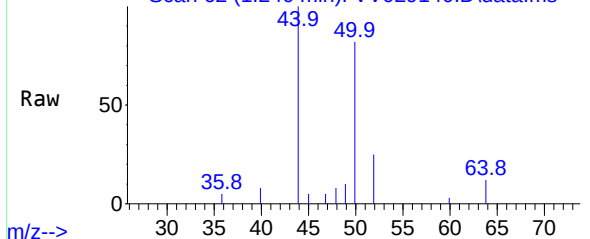
Tgt Ion: 50 Resp: 3441

Ion Ratio Lower Upper

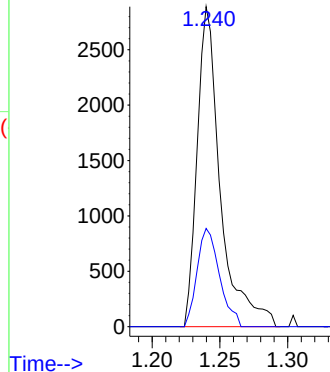
50 100

52 30.7 23.7 43.9

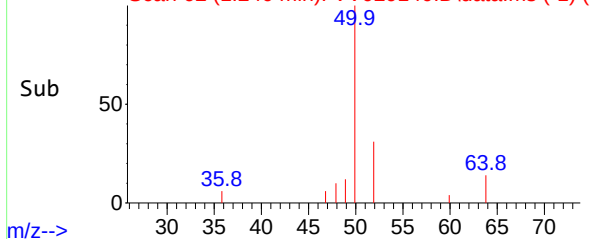
Abundance Scan 62 (1.240 min): VV029140.D\data.ms



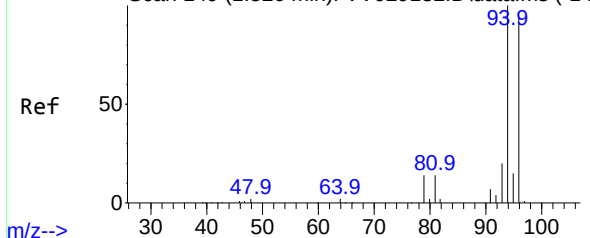
Abundance



Abundance Scan 62 (1.240 min): VV029140.D\data.ms (-1)



Abundance Scan 149 (1.520 min): VV029132.D\data.ms (-14)



#6

Bromomethane

Concen: 0.045 ug/L

RT: 1.520 min Scan# 149

Delta R.T. -0.003 min

Lab File: VV029140.D

Acq: 19 Nov 2022 00:49

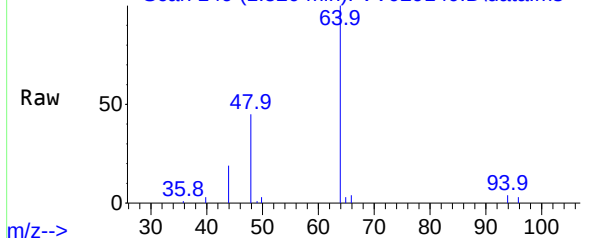
Tgt Ion: 94 Resp: 577

Ion Ratio Lower Upper

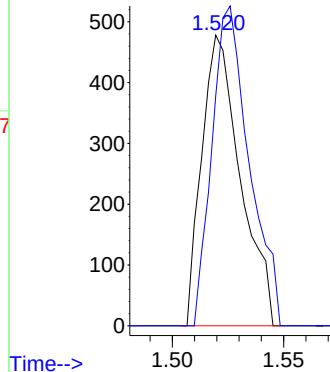
94 100

96 79.1 68.5 127.3

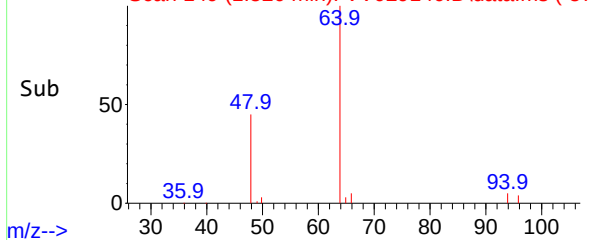
Abundance Scan 149 (1.520 min): VV029140.D\data.ms

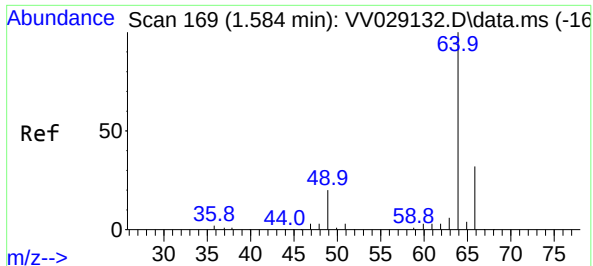


Abundance



Abundance Scan 149 (1.520 min): VV029140.D\data.ms (-57)

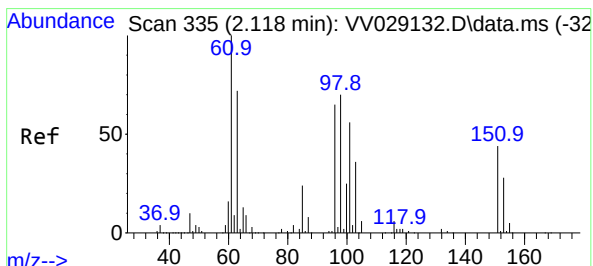
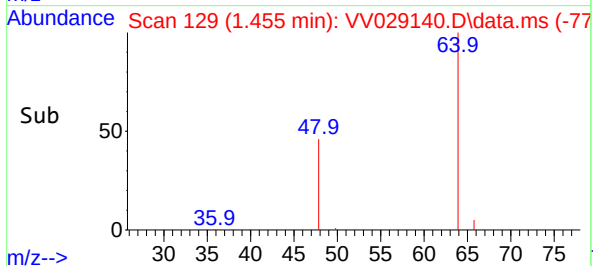
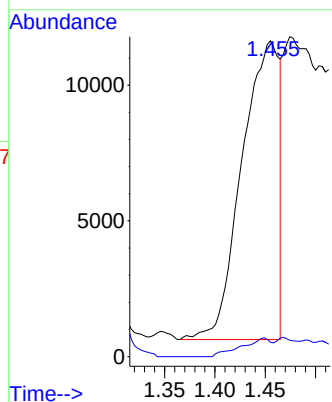
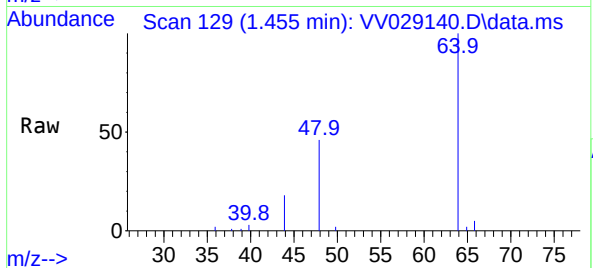




#8
Chloroethane
Concen: 2.250 ug/L
RT: 1.455 min Scan# 11
Delta R.T. -0.132 min
Lab File: VV029140.D
Acq: 19 Nov 2022 00:49

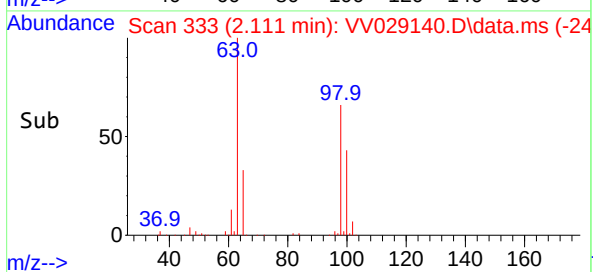
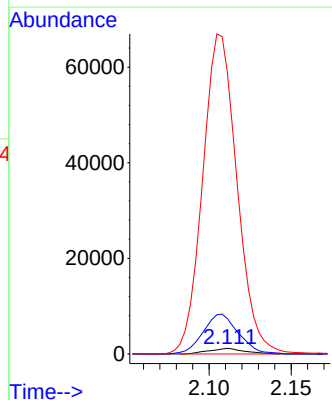
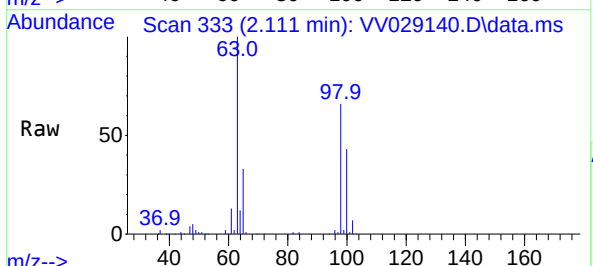
Instrument :
MSVOA_V
ClientSampleId :
BGC5

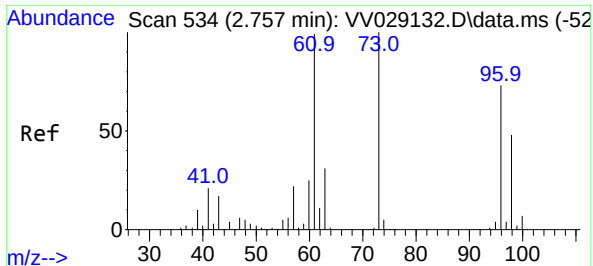
Tgt Ion: 64 Resp: 28408
Ion Ratio Lower Upper
64 100
66 4.6 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.106 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV029140.D
Acq: 19 Nov 2022 00:49

Tgt Ion: 96 Resp: 1741
Ion Ratio Lower Upper
96 100
61 638.6 104.2 193.4#
63 5072.4 75.9 140.9#

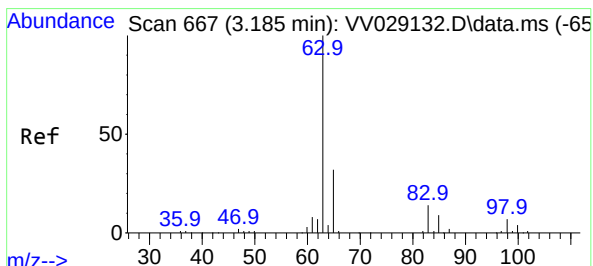
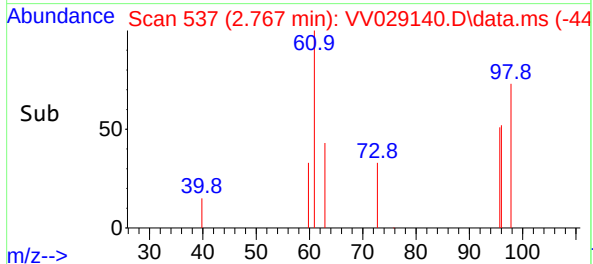
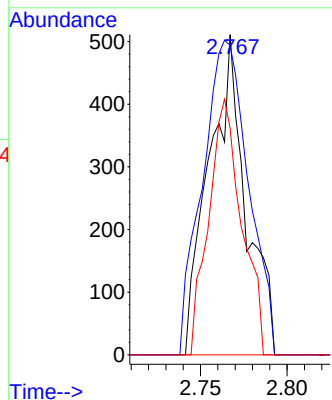
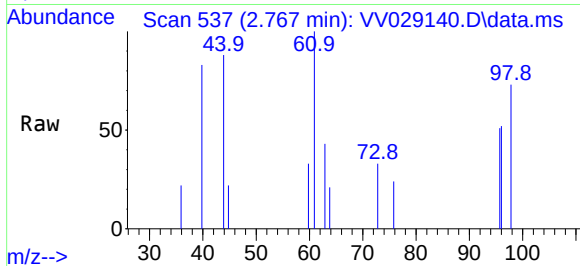




#18
trans-1,2-Dichloroethene
Concen: 0.040 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV029140.D
Acq: 19 Nov 2022 00:49

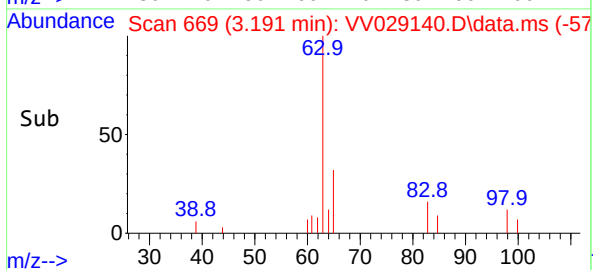
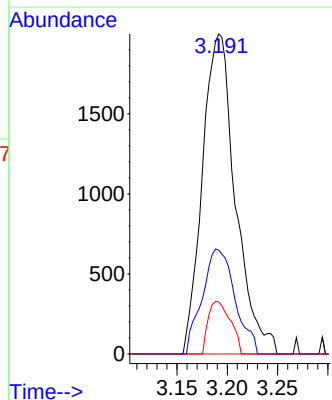
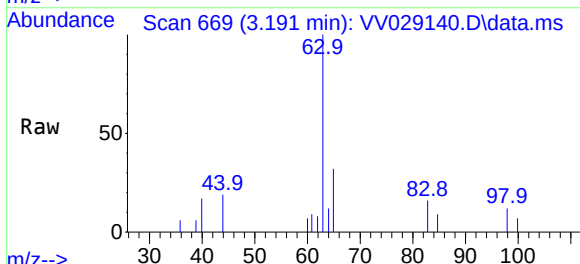
Instrument :
MSVOA_V
ClientSampleId :
BGC5

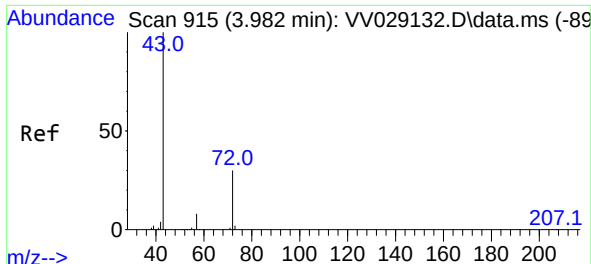
Tgt Ion: 96 Resp: 758
Ion Ratio Lower Upper
96 100
61 96.7 91.8 170.6
98 70.8 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.146 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.003 min
Lab File: VV029140.D
Acq: 19 Nov 2022 00:49

Tgt Ion: 63 Resp: 4571
Ion Ratio Lower Upper
63 100
65 32.5 23.0 42.6
83 16.3 9.4 17.6

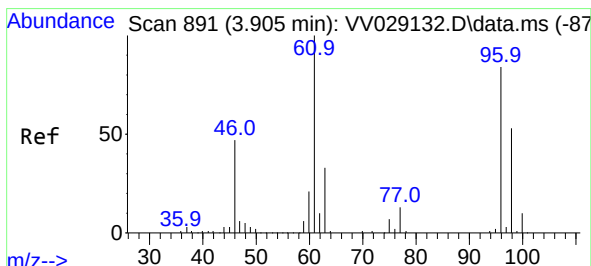
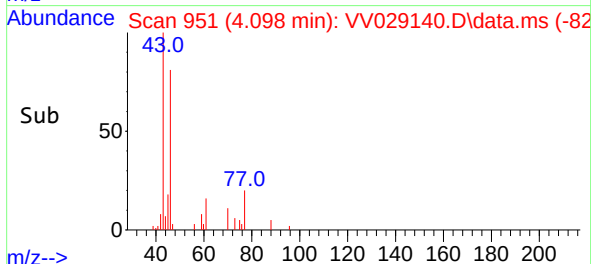
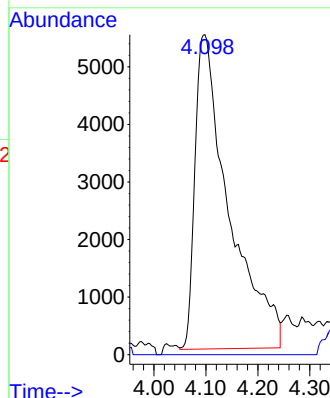
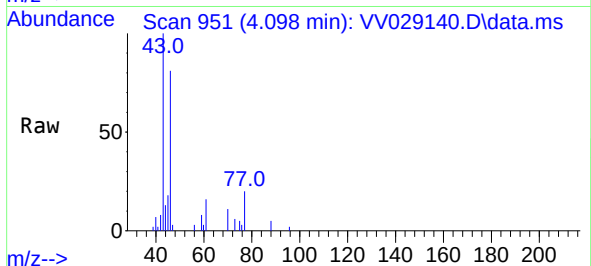




#21
2-Butanone
Concen: 8.953 ug/L
RT: 4.098 min Scan# 915
Delta R.T. 0.113 min
Lab File: VV029140.D
Acq: 19 Nov 2022 00:49

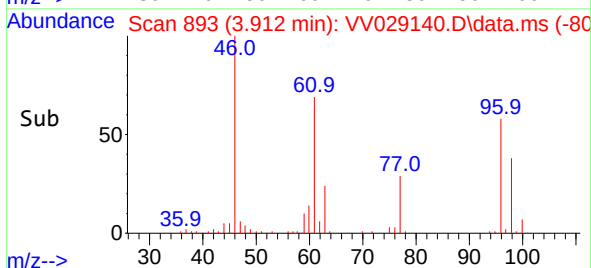
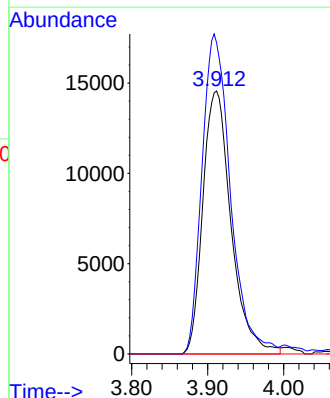
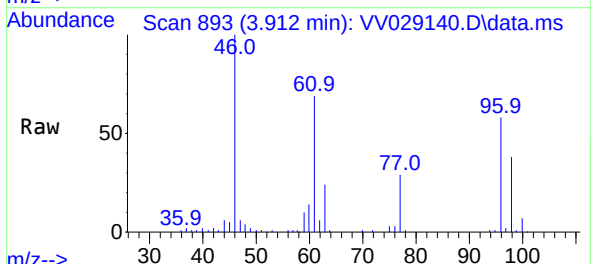
Instrument :
MSVOA_V
ClientSampleId :
BGC5

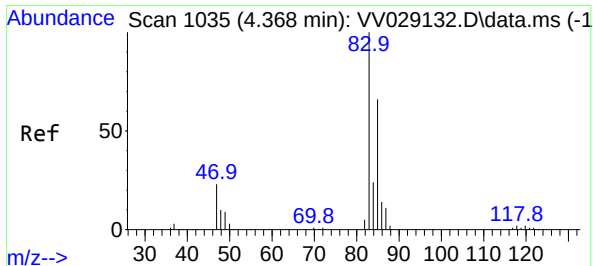
Tgt Ion: 43 Resp: 24770
Ion Ratio Lower Upper
43 100
72 0.2 11.9 35.9#



#22
cis-1,2-Dichloroethene
Concen: 1.931 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV029140.D
Acq: 19 Nov 2022 00:49

Tgt Ion: 96 Resp: 37527
Ion Ratio Lower Upper
96 100
61 118.4 82.3 152.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.106 ug/L

RT: 4.371 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VV029140.D

Acq: 19 Nov 2022 00:49

Instrument :

MSVOA_V

ClientSampleId :

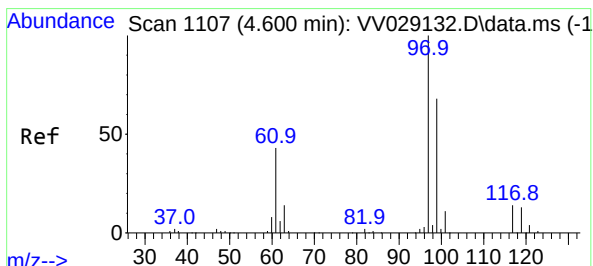
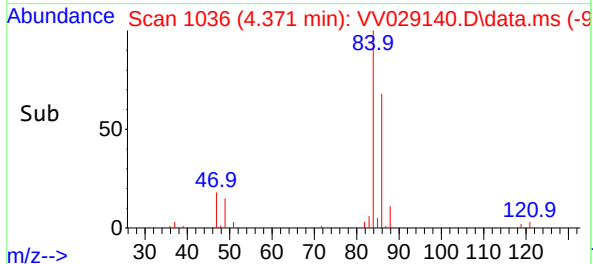
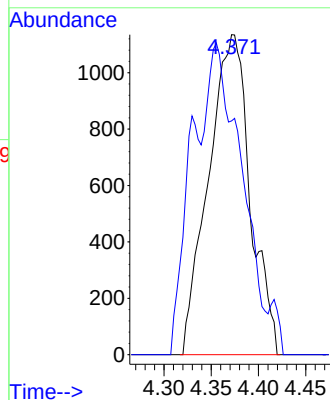
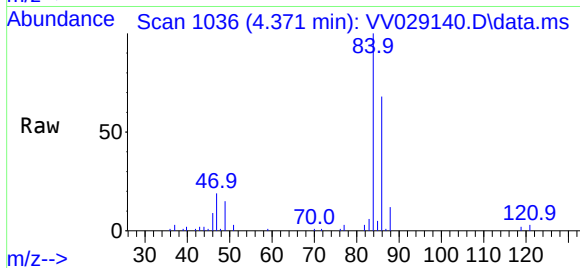
BGCG5

Tgt Ion: 83 Resp: 3475

Ion Ratio Lower Upper

83 100

85 73.0 43.7 81.1



#29

1,1,1-Trichloroethane

Concen: 0.251 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VV029140.D

Acq: 19 Nov 2022 00:49

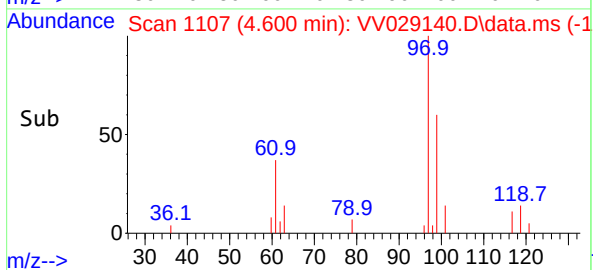
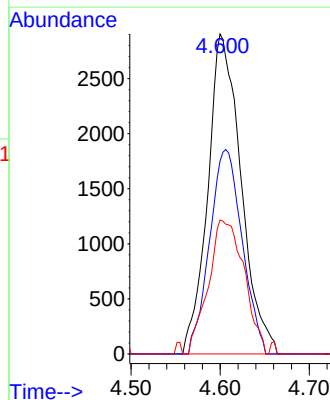
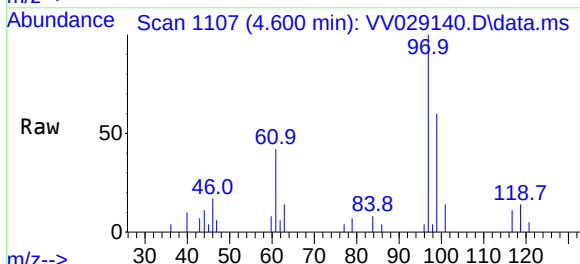
Tgt Ion: 97 Resp: 7538

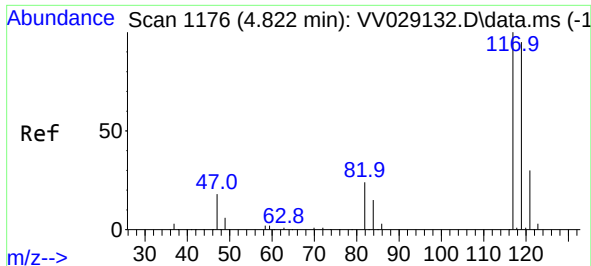
Ion Ratio Lower Upper

97 100

99 62.5 52.7 79.1

61 44.9 33.8 50.6

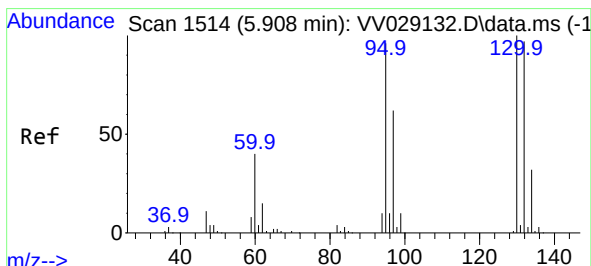
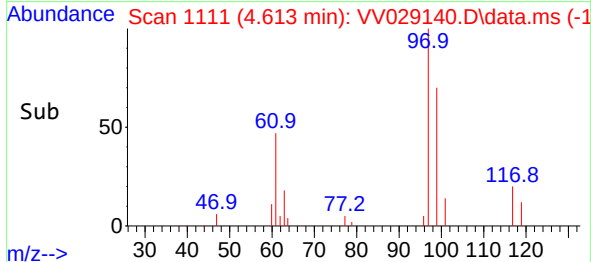
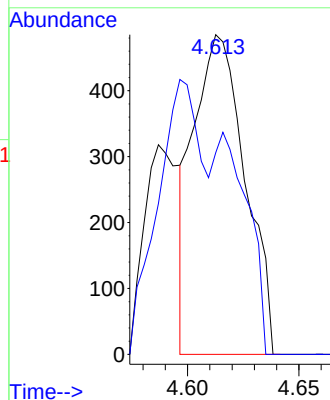
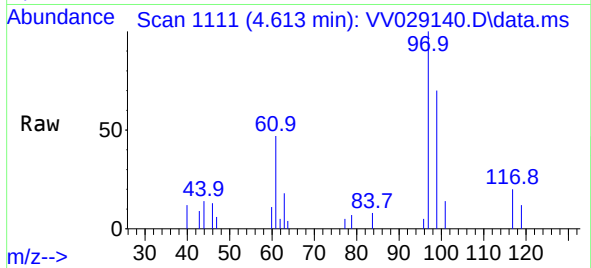




#31
Carbon tetrachloride
Concen: 0.030 ug/L
RT: 4.613 min Scan# 1176
Delta R.T. -0.215 min
Lab File: VV029140.D
Acq: 19 Nov 2022 00:49

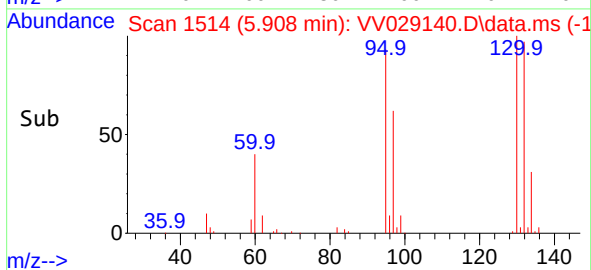
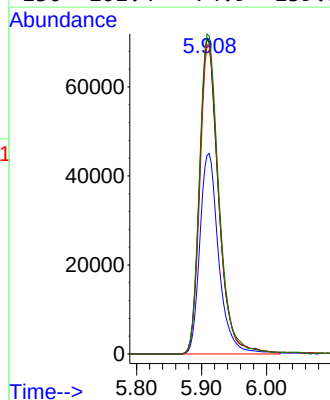
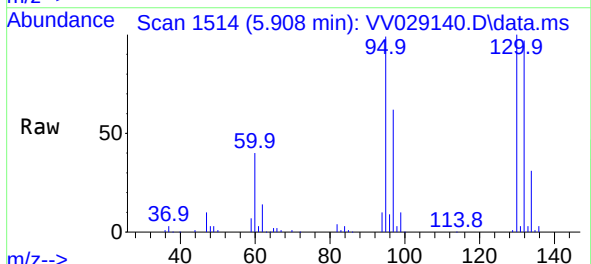
Instrument :
MSVOA_V
ClientSampleId :
BGC5

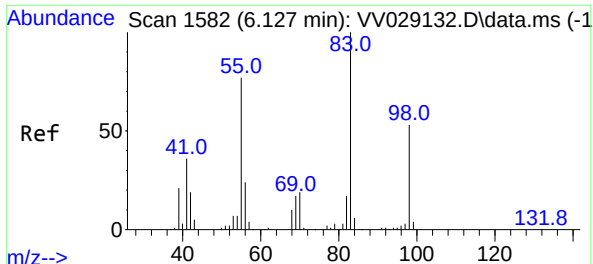
Tgt Ion:117 Resp: 782
Ion Ratio Lower Upper
117 100
119 45.7 77.0 115.6#



#34
Trichloroethene
Concen: 7.192 ug/L
RT: 5.908 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VV029140.D
Acq: 19 Nov 2022 00:49

Tgt Ion: 95 Resp: 143831
Ion Ratio Lower Upper
95 100
97 62.9 45.6 84.8
132 98.0 69.1 128.3
130 101.4 74.9 139.1





#35

Methylcyclohexane

Concen: 0.744 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.064 min

Lab File: VV029140.D

Acq: 19 Nov 2022 00:49

Instrument :

MSVOA_V

ClientSampleId :

BGCG5

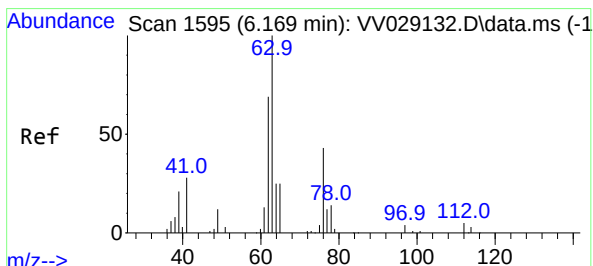
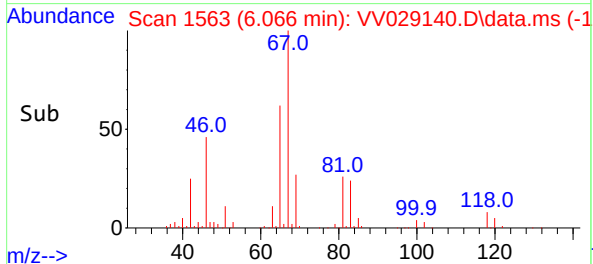
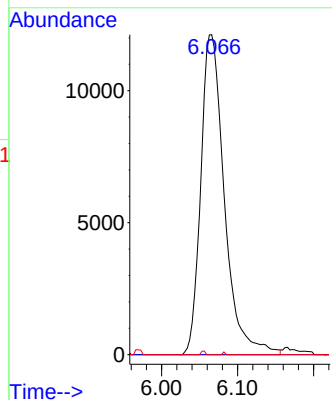
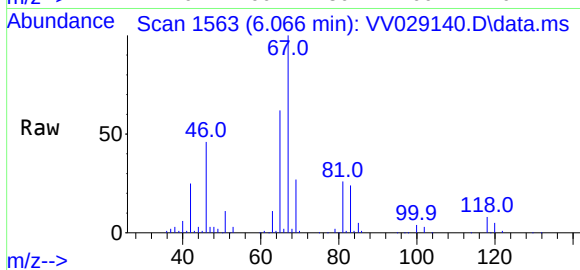
Tgt Ion: 83 Resp: 26152

Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.4 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.626 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.106 min

Lab File: VV029140.D

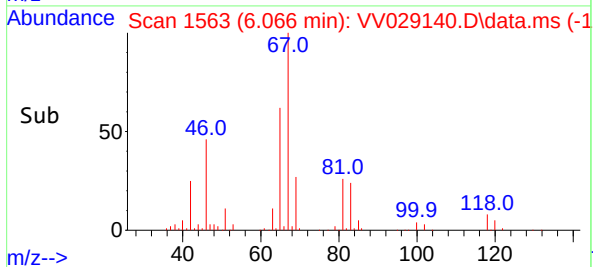
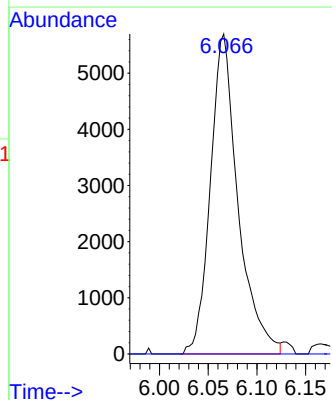
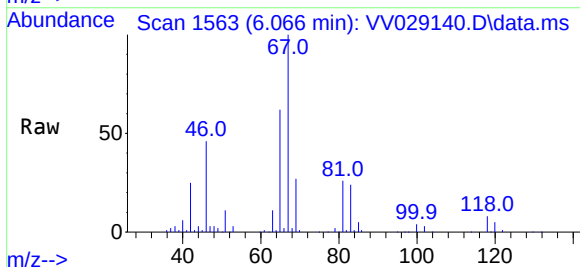
Acq: 19 Nov 2022 00:49

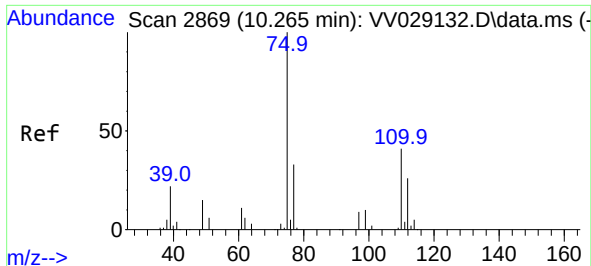
Tgt Ion: 63 Resp: 11269

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#61

1,2,3-Trichloropropane

Concen: 1.683 ug/L

RT: 11.243 min Scan# 31

Delta R.T. 0.974 min

Lab File: VV029140.D

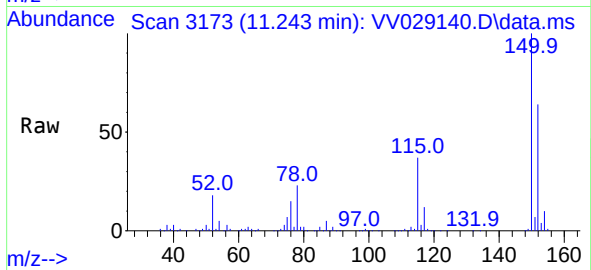
Acq: 19 Nov 2022 00:49

Instrument :

MSVOA_V

ClientSampleId :

BGCG5



Tgt Ion: 75 Resp: 13310

Ion Ratio Lower Upper

75 100

77 27.7 26.2 39.2

110 2.2 32.6 48.8#

