

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029027.D
 Acq On : 16 Nov 2022 19:17
 Operator : SY/MD
 Sample : N5620-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCB5

Quant Time: Nov 17 02:55:53 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)

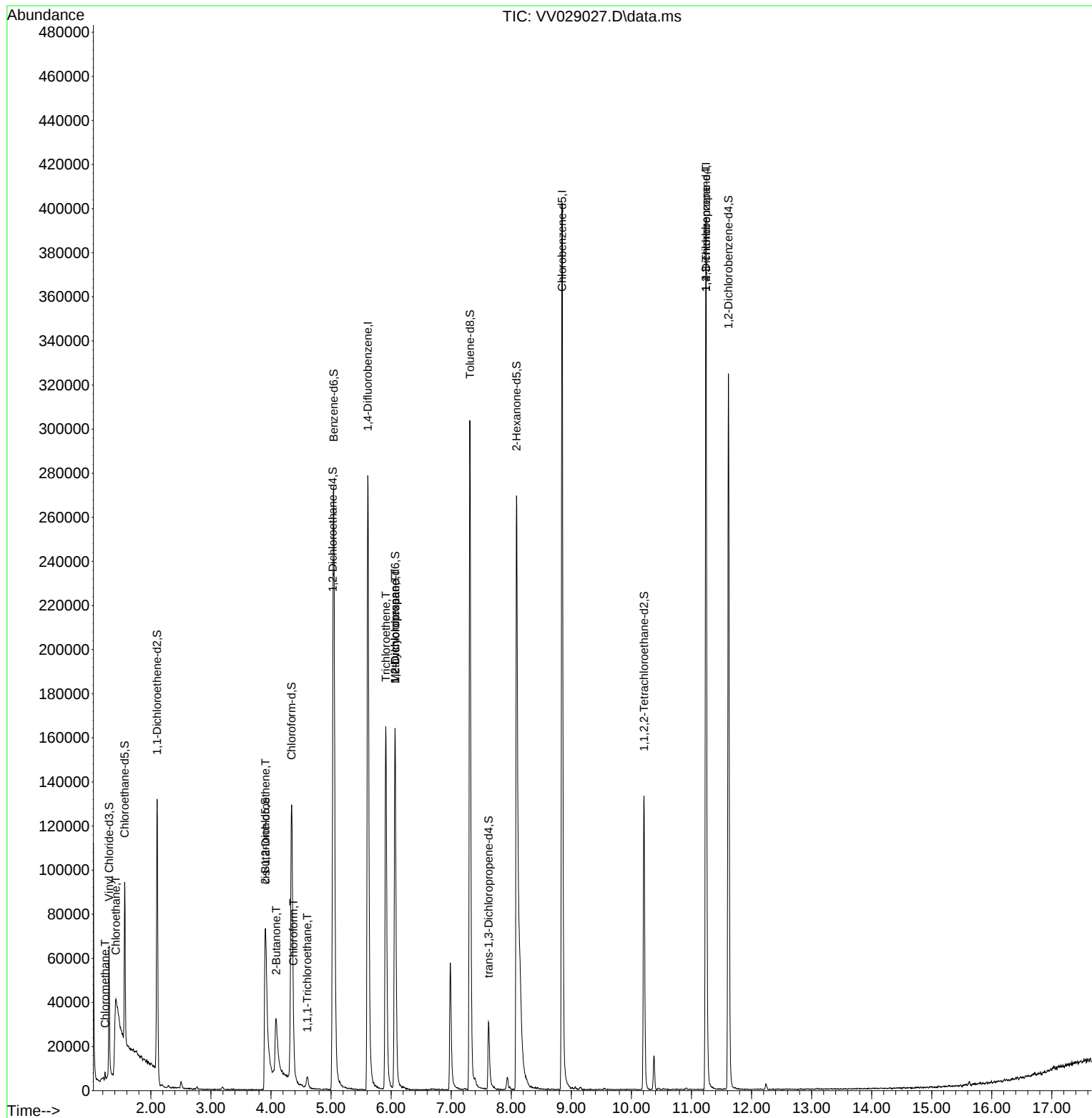
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	270727	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	245108	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	113860	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	40173	2.434	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	48.600%
7) Chloroethane-d5	1.564	69	47585	3.280	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.600%
11) 1,1-Dichloroethene-d2	2.105	63	59699	1.985	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	39.600%#
20) 2-Butanone-d5	3.905	46	108735	39.356	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.720%
24) Chloroform-d	4.342	84	137300	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	5.030	65	65132	4.272	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.400%
32) Benzene-d6	5.043	84	267062	3.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.000%
36) 1,2-Dichloropropane-d6	6.066	67	82638	4.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.000%
41) Toluene-d8	7.313	98	222208	3.374	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.400%#
43) trans-1,3-Dichloroprop...	7.622	79	22208	3.333	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.600%
46) 2-Hexanone-d5	8.088	63	139078	48.900	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.800%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70027	4.944	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.800%
66) 1,2-Dichlorobenzene-d4	11.615	152	92526	4.542	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
3) Chloromethane	1.240	50	2746	0.147	ug/L	99
8) Chloroethane	1.416	64	139741	11.131	ug/L #	52
21) 2-Butanone	4.088	43	53506	19.446	ug/L #	51
22) cis-1,2-Dichloroethene	3.908	96	19822	1.026	ug/L	89
25) Chloroform	4.375	83	7252	0.223	ug/L	90
29) 1,1,1-Trichloroethane	4.606	97	4513	0.157	ug/L #	36
34) Trichloroethene	5.911	95	62445	3.257	ug/L	96
35) Methylcyclohexane	6.066	83	21536	0.639	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	8898	0.515	ug/L #	85
61) 1,2,3-Trichloropropane	11.242	75	11847	1.523	ug/L #	66

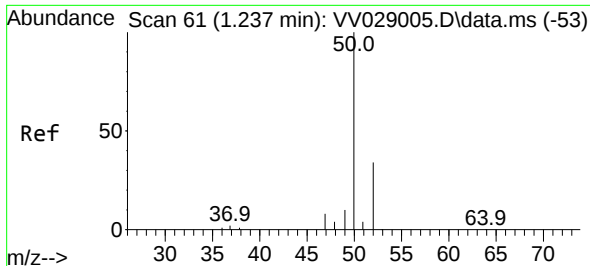
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.147 ug/L

RT: 1.240 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV029027.D

Acq: 16 Nov 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

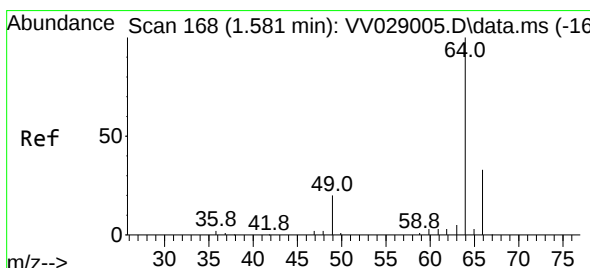
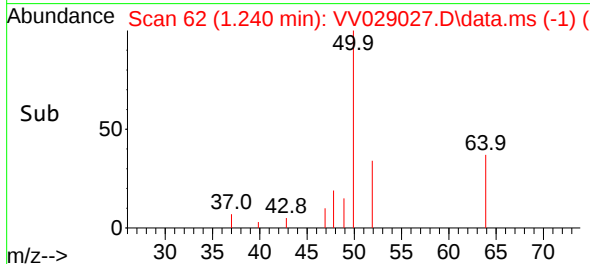
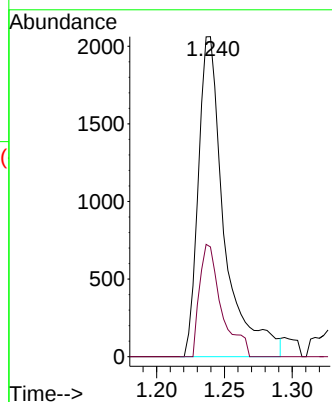
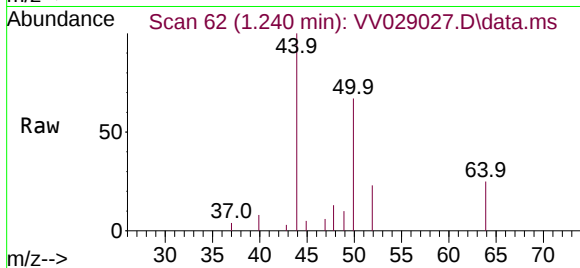
BGCB5

Tgt Ion: 50 Resp: 2746

Ion Ratio Lower Upper

50 100

52 34.3 23.7 43.9



#8

Chloroethane

Concen: 11.131 ug/L

RT: 1.416 min Scan# 117

Delta R.T. -0.164 min

Lab File: VV029027.D

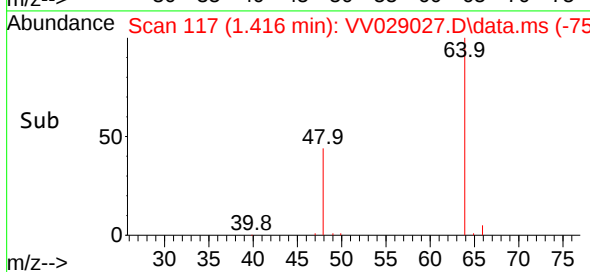
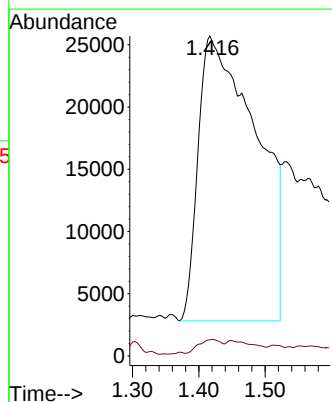
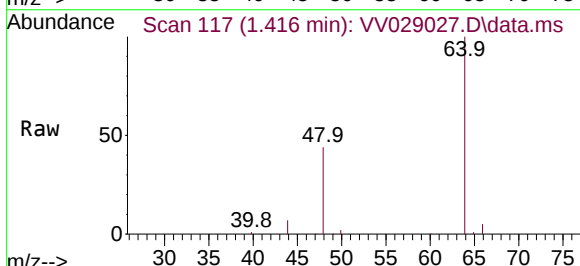
Acq: 16 Nov 2022 19:17

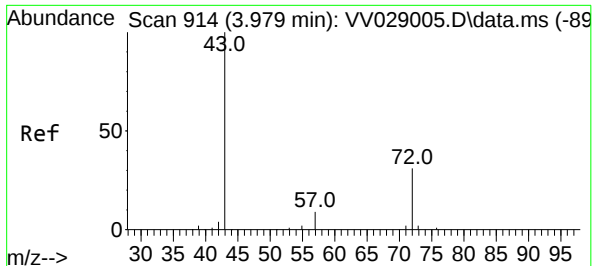
Tgt Ion: 64 Resp: 139741

Ion Ratio Lower Upper

64 100

66 5.1 22.0 40.8#

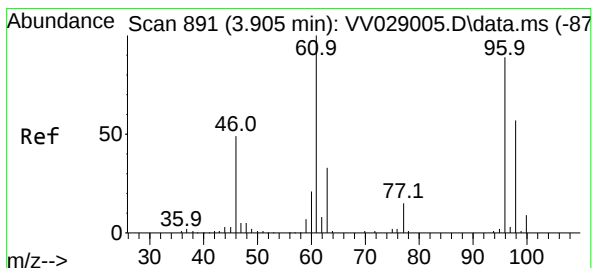
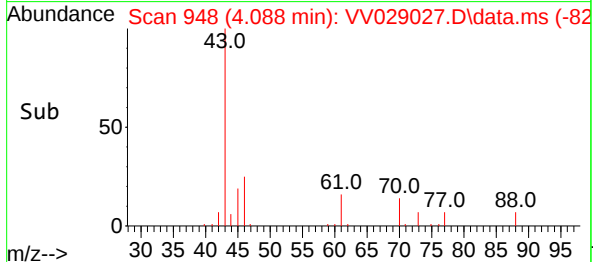
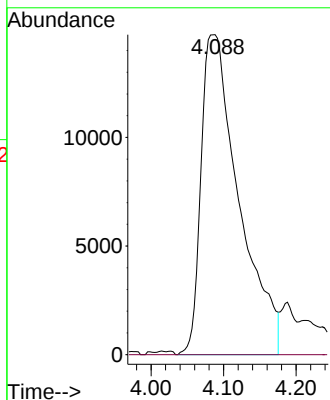
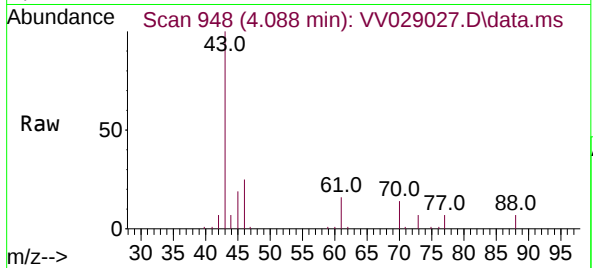




#21
2-Butanone
Concen: 19.446 ug/L
RT: 4.088 min Scan# 948
Delta R.T. 0.109 min
Lab File: VV029027.D
Acq: 16 Nov 2022 19:17

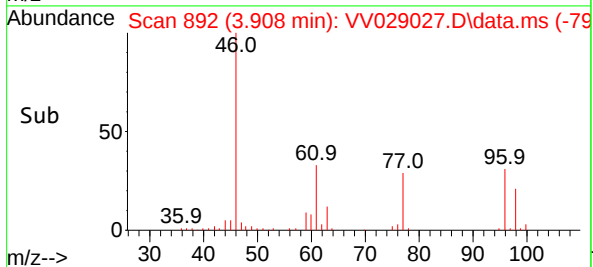
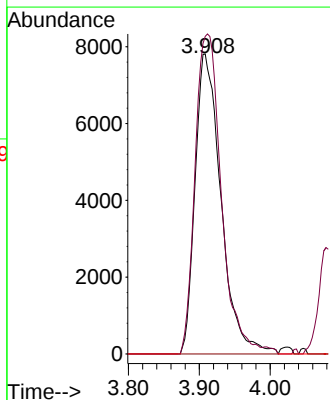
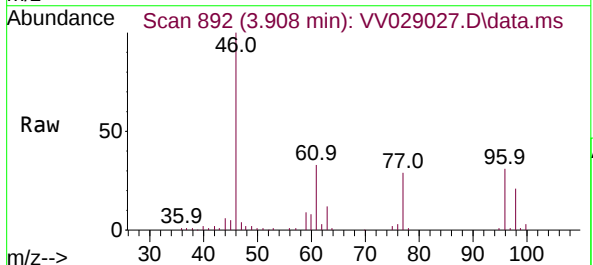
Instrument :
MSVOA_V
ClientSampleId :
BGC5

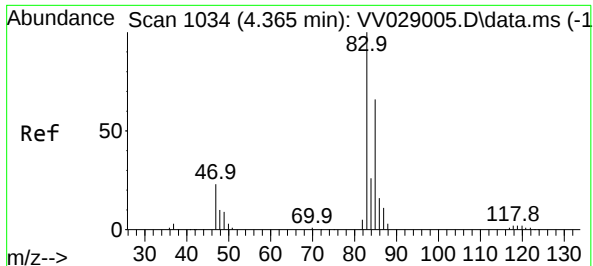
Tgt Ion: 43 Resp: 53506
Ion Ratio Lower Upper
43 100
72 0.0 11.9 35.9#



#22
cis-1,2-Dichloroethene
Concen: 1.026 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV029027.D
Acq: 16 Nov 2022 19:17

Tgt Ion: 96 Resp: 19822
Ion Ratio Lower Upper
96 100
61 105.9 82.3 152.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.223 ug/L

RT: 4.375 min Scan# 1109

Delta R.T. 0.009 min

Lab File: VV029027.D

Acq: 16 Nov 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

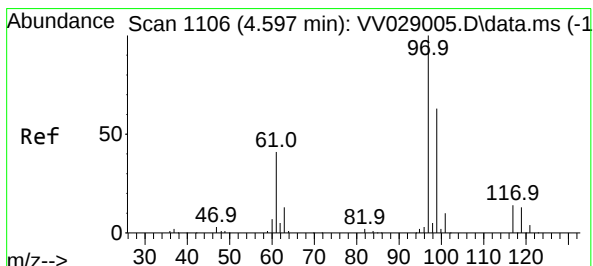
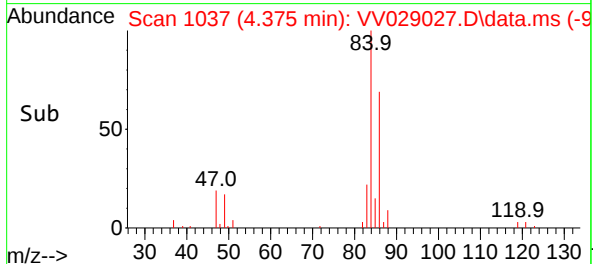
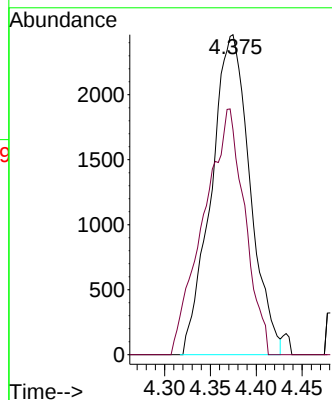
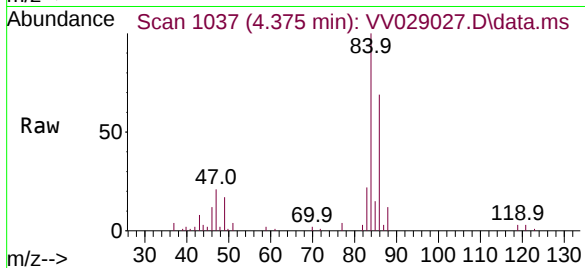
BGCB5

Tgt Ion: 83 Resp: 7252

Ion Ratio Lower Upper

83 100

85 70.2 43.7 81.1



#29

1,1,1-Trichloroethane

Concen: 0.157 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.009 min

Lab File: VV029027.D

Acq: 16 Nov 2022 19:17

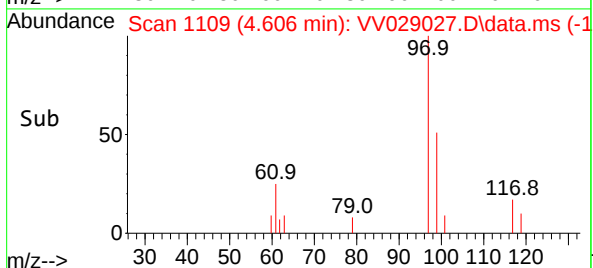
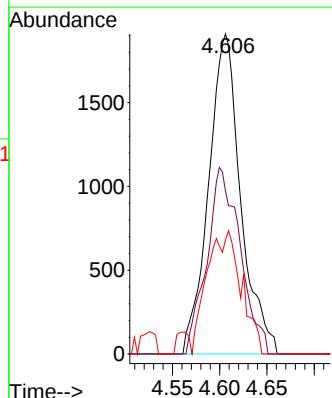
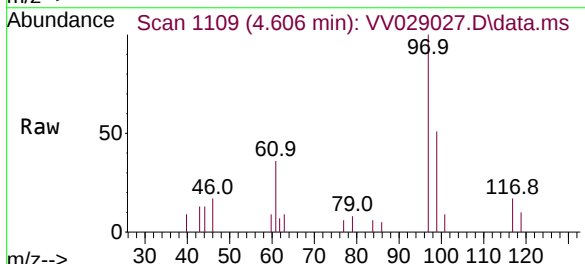
Tgt Ion: 97 Resp: 4513

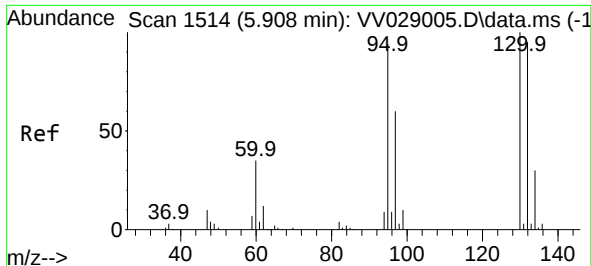
Ion Ratio Lower Upper

97 100

99 0.0 52.7 79.1#

61 20.9 33.8 50.6#

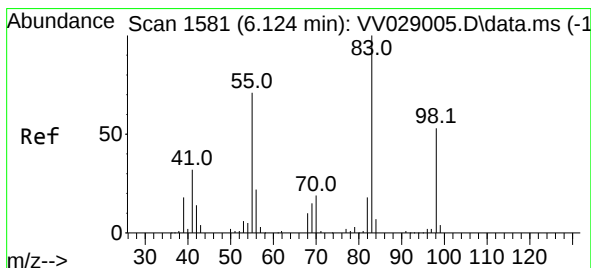
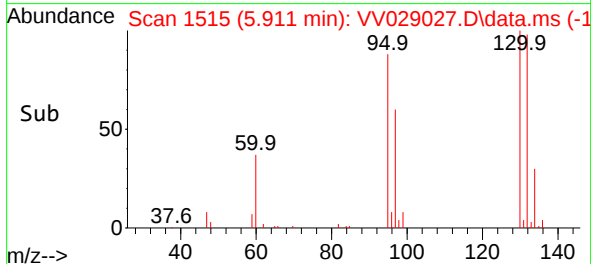
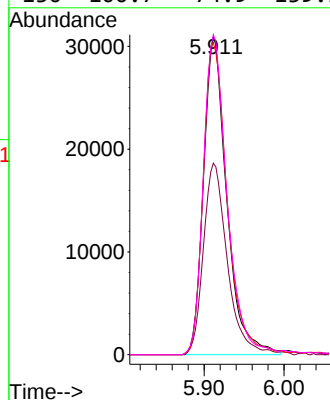
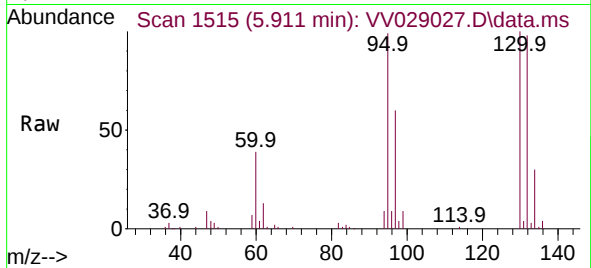




#34
Trichloroethene
Concen: 3.257 ug/L
RT: 5.911 min Scan# 1514
Delta R.T. 0.003 min
Lab File: VV029027.D
Acq: 16 Nov 2022 19:17

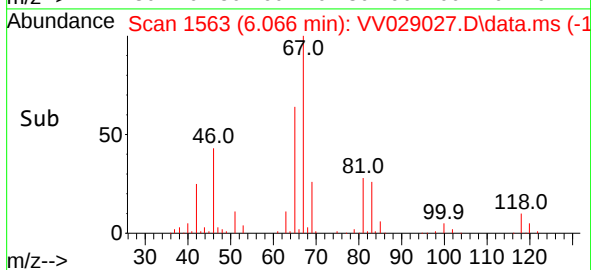
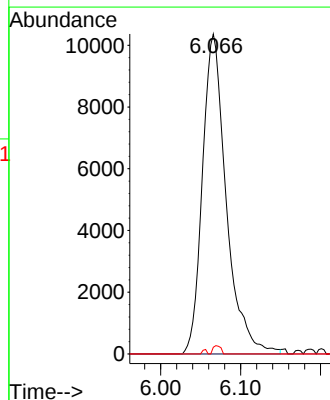
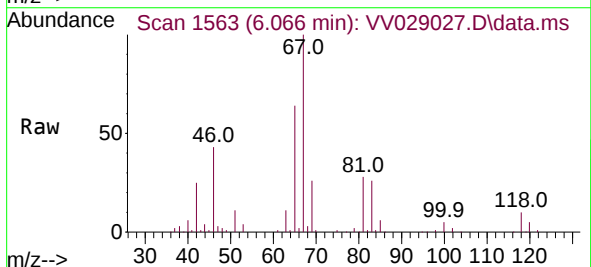
Instrument :
MSVOA_V
ClientSampleId :
BGC5

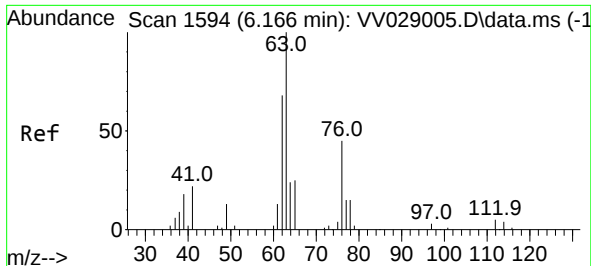
Tgt Ion: 95 Resp: 62445
Ion Ratio Lower Upper
95 100
97 60.3 45.6 84.8
132 98.2 69.1 128.3
130 100.7 74.9 139.1



#35
Methylcyclohexane
Concen: 0.639 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV029027.D
Acq: 16 Nov 2022 19:17

Tgt Ion: 83 Resp: 21536
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 0.8 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.515 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV029027.D

Acq: 16 Nov 2022 19:17

Instrument :

MSVOA_V

ClientSampleId :

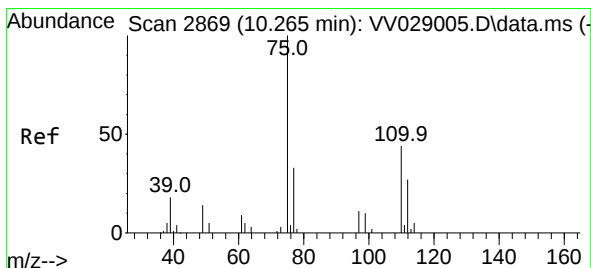
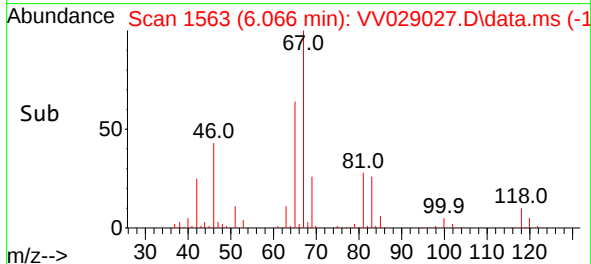
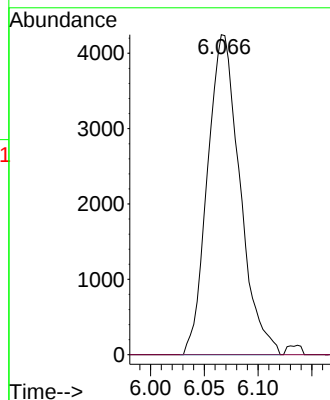
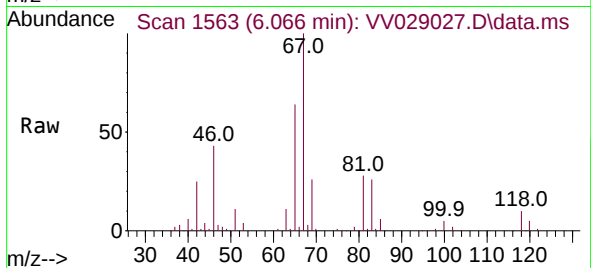
BGCB5

Tgt Ion: 63 Resp: 8898

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.523 ug/L

RT: 11.242 min Scan# 3173

Delta R.T. 0.977 min

Lab File: VV029027.D

Acq: 16 Nov 2022 19:17

Tgt Ion: 75 Resp: 11847

Ion Ratio Lower Upper

75 100

77 31.7 26.2 39.2

110 3.5 32.6 48.8#

