

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029113.D
 Acq On : 18 Nov 2022 13:11
 Operator : SY/MD
 Sample : N5687-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCD3

Quant Time: Nov 18 23:33:47 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	5.612	114	275708	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	255485	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	117857	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	77647	4.619	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.568	69	68246	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.108	63	108979	3.558	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	3.899	46	106231	37.755	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.520%
24) Chloroform-d	4.342	84	167441	4.852	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.000%
26) 1,2-Dichloroethane-d4	5.030	65	79110	5.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
32) Benzene-d6	5.047	84	346762	4.547	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.063	67	111153	5.220	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.310	98	307303	4.477	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	7.622	79	33037	4.757	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.091	63	150098	50.632	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.260%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	79902	5.412	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	115095	5.458	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.200%

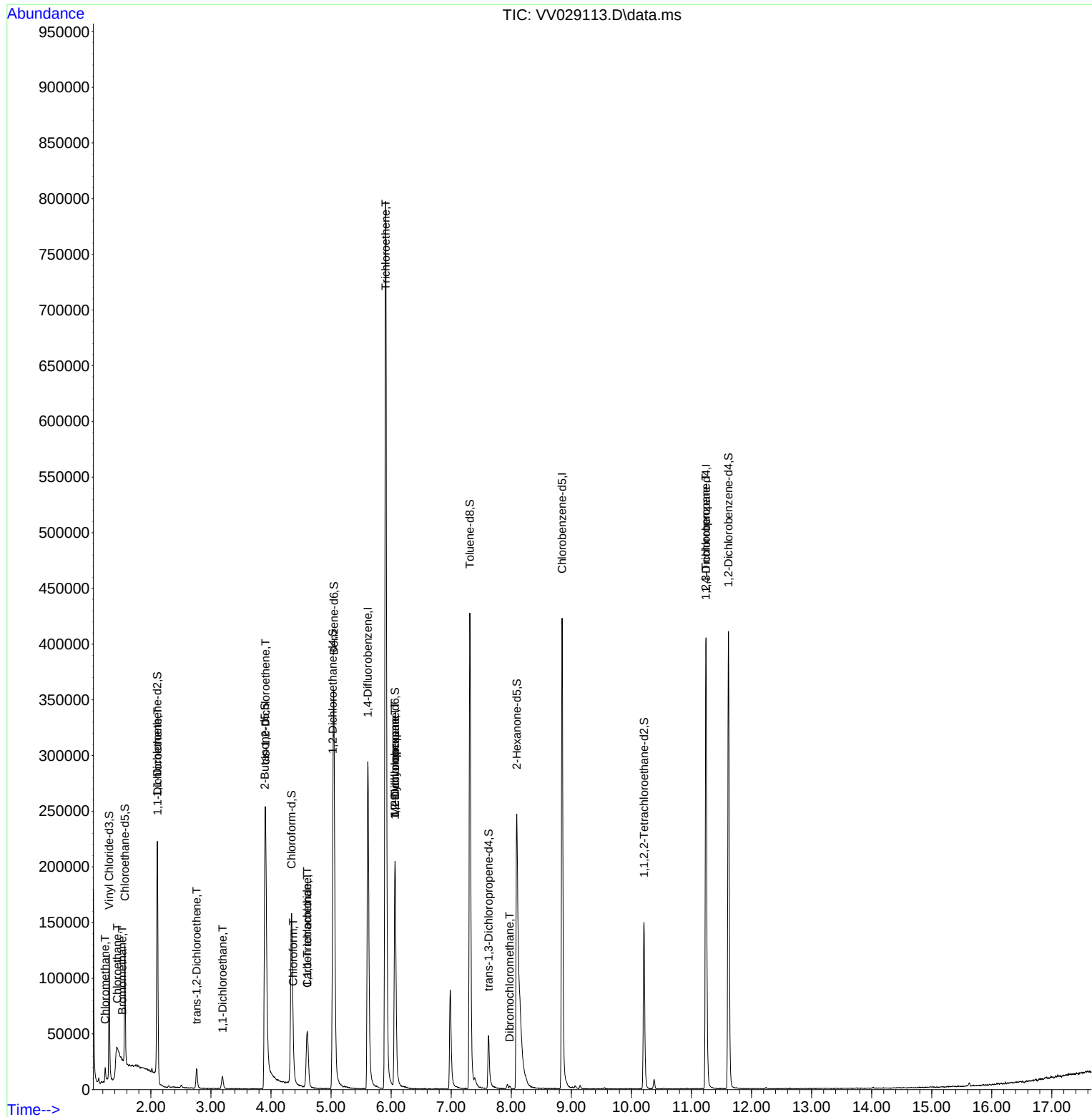
Target Compounds				Qvalue		
3) Chloromethane	1.240	50	9482	0.497	ug/L	97
6) Bromomethane	1.523	94	726	0.056	ug/L	79
8) Chloroethane	1.439	64	114017	8.918	ug/L #	51
12) 1,1-Dichloroethene	2.111	96	1410	0.084	ug/L #	1
18) trans-1,2-Dichloroethene	2.760	96	7219	0.373	ug/L	95
19) 1,1-Dichloroethane	3.195	63	12108	0.383	ug/L	96
22) cis-1,2-Dichloroethene	3.908	96	131247	6.669	ug/L	99
25) Chloroform	4.371	83	5872	0.177	ug/L	89
29) 1,1,1-Trichloroethane	4.603	97	42784	1.427	ug/L	99
31) Carbon tetrachloride	4.606	117	6064	0.235	ug/L	97
34) Trichloroethene	5.908	95	291001	14.559	ug/L	98
35) Methylcyclohexane	6.066	83	25788	0.734	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11065	0.615	ug/L #	85
49) Dibromochloromethane	7.976	129	422	0.030	ug/L #	10
61) 1,2,3-Trichloropropane	11.239	75	13001	1.614	ug/L #	64

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

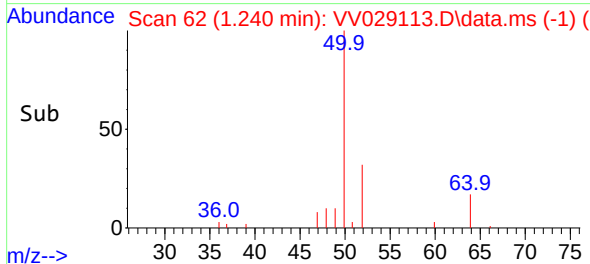
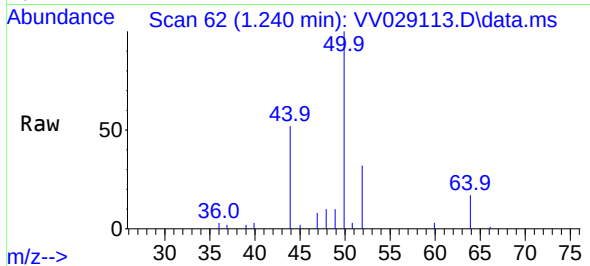
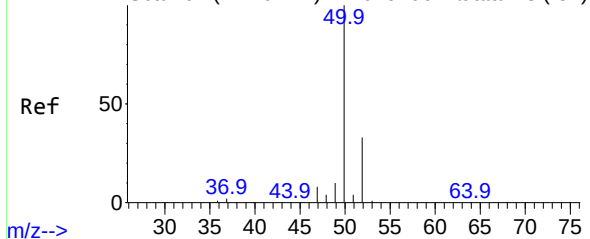
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
Data File : VV029113.D
Acq On : 18 Nov 2022 13:11
Operator : SY/MD
Sample : N5687-10
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGCD3

Quant Time: Nov 18 23:33:47 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



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



#3

Chloromethane

Concen: 0.497 ug/L

RT: 1.240 min Scan# 61

Delta R.T. -0.000 min

Lab File: VV029113.D

Acq: 18 Nov 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

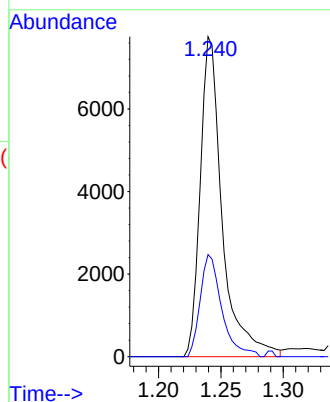
BGCD3

Tgt Ion: 50 Resp: 9482

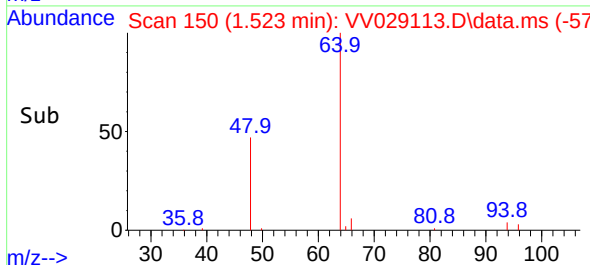
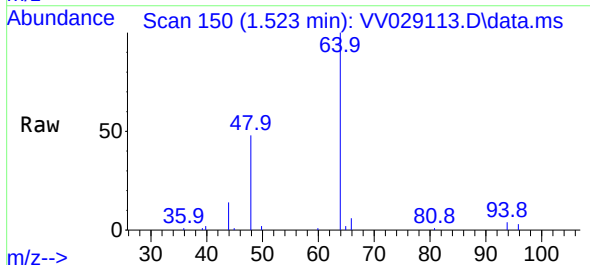
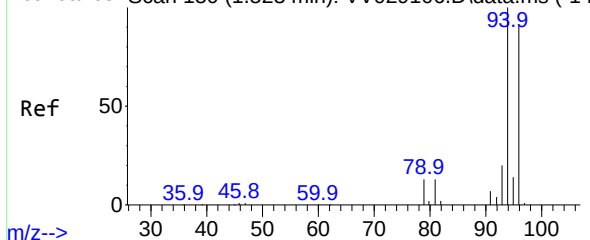
Ion Ratio Lower Upper

50 100

52 31.9 23.7 43.9



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



#6

Bromomethane

Concen: 0.056 ug/L

RT: 1.523 min Scan# 150

Delta R.T. -0.000 min

Lab File: VV029113.D

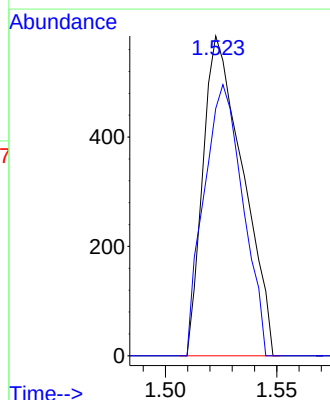
Acq: 18 Nov 2022 13:11

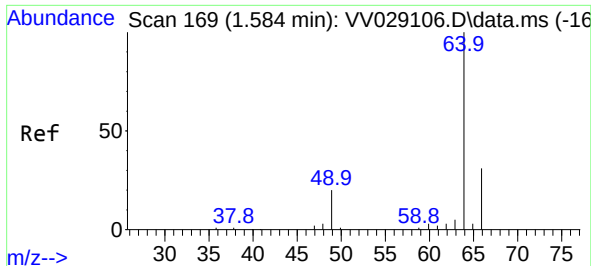
Tgt Ion: 94 Resp: 726

Ion Ratio Lower Upper

94 100

96 77.3 68.5 127.3

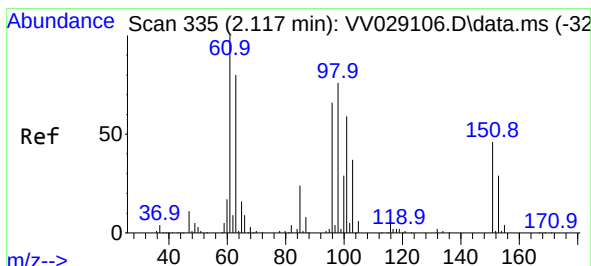
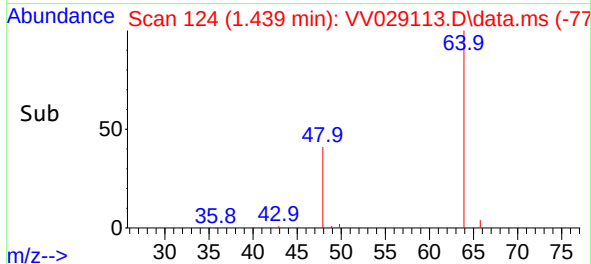
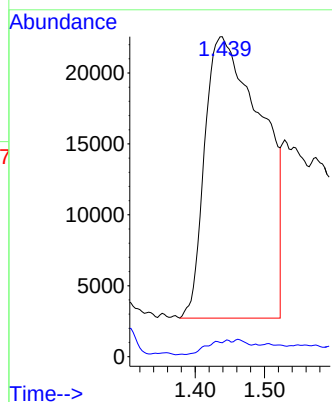
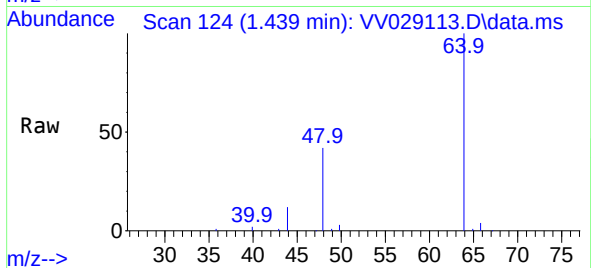




#8
Chloroethane
Concen: 8.918 ug/L
RT: 1.439 min Scan# 11
Delta R.T. -0.148 min
Lab File: VV029113.D
Acq: 18 Nov 2022 13:11

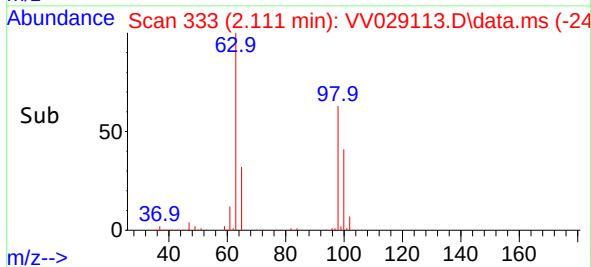
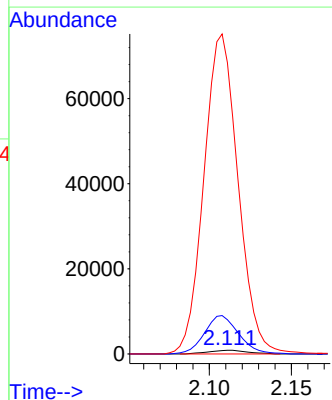
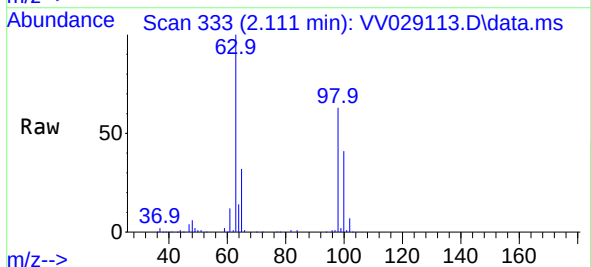
Instrument :
MSVOA_V
ClientSampleId :
BGCD3

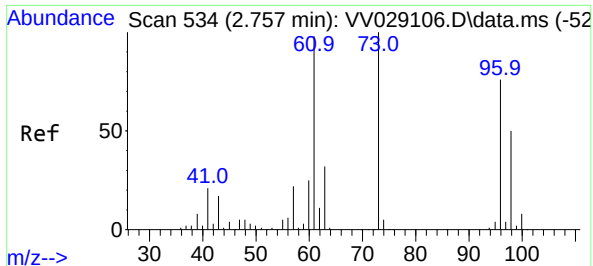
Tgt Ion: 64 Resp: 114017
Ion Ratio Lower Upper
64 100
66 4.4 22.0 40.8#



#12
1,1-Dichloroethene
Concen: 0.084 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV029113.D
Acq: 18 Nov 2022 13:11

Tgt Ion: 96 Resp: 1410
Ion Ratio Lower Upper
96 100
61 922.9 104.2 193.4#
63 7832.5 75.9 140.9#

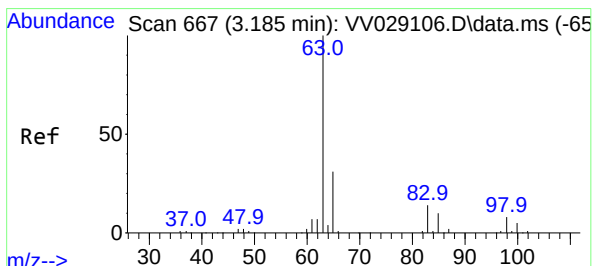
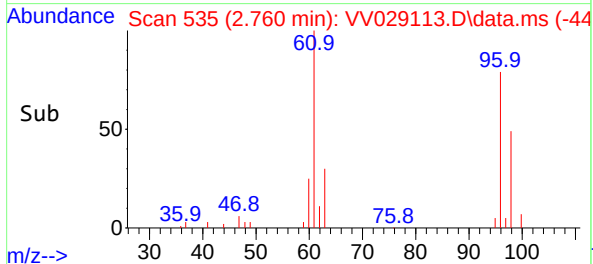
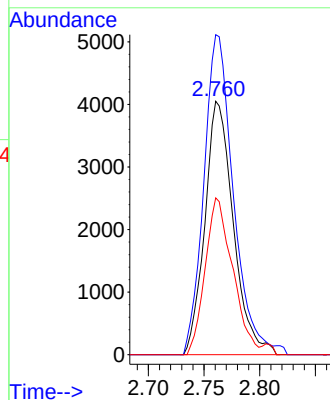
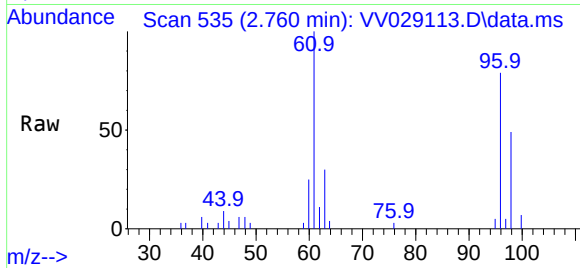




#18
trans-1,2-Dichloroethene
Concen: 0.373 ug/L
RT: 2.760 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV029113.D
Acq: 18 Nov 2022 13:11

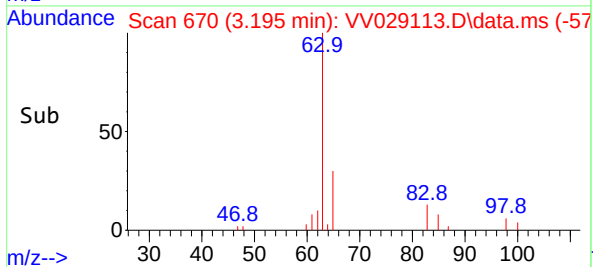
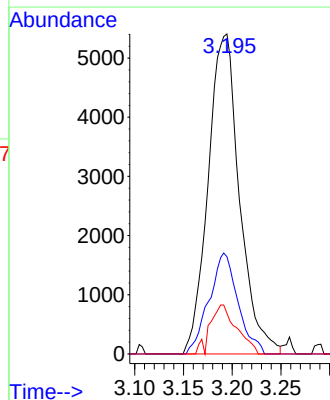
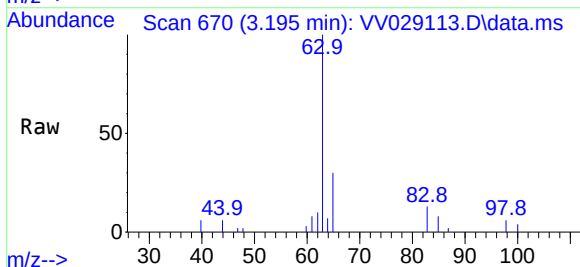
Instrument :
MSVOA_V
ClientSampleId :
BGCD3

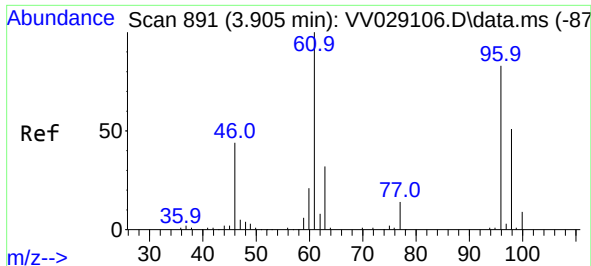
Tgt Ion: 96 Resp: 7219
Ion Ratio Lower Upper
96 100
61 126.3 91.8 170.6
98 61.9 46.4 86.2



#19
1,1-Dichloroethane
Concen: 0.383 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.006 min
Lab File: VV029113.D
Acq: 18 Nov 2022 13:11

Tgt Ion: 63 Resp: 12108
Ion Ratio Lower Upper
63 100
65 30.4 23.0 42.6
83 12.8 9.4 17.6

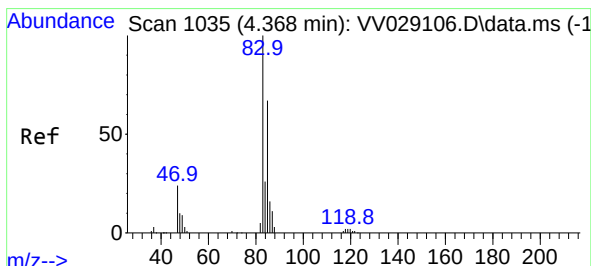
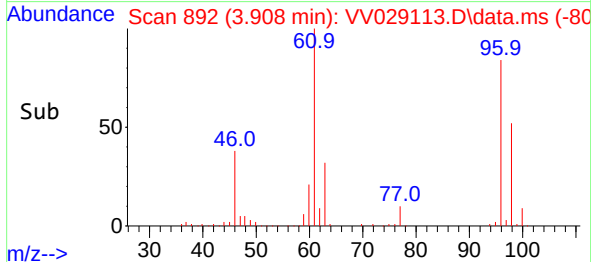
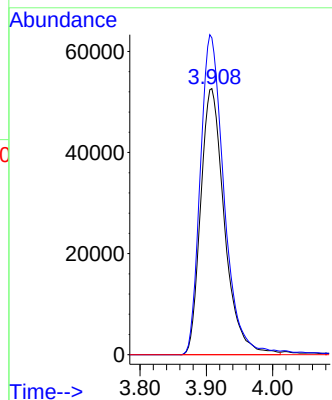
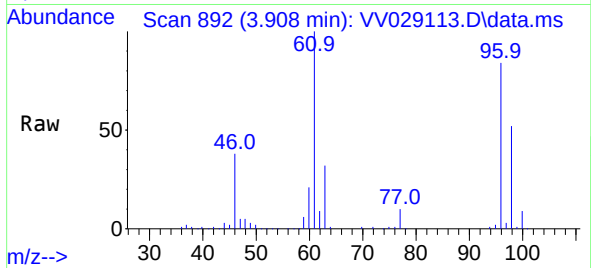




#22
cis-1,2-Dichloroethene
Concen: 6.669 ug/L
RT: 3.908 min Scan# 891
Delta R.T. -0.003 min
Lab File: VV029113.D
Acq: 18 Nov 2022 13:11

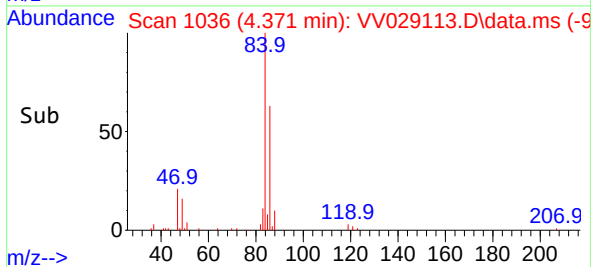
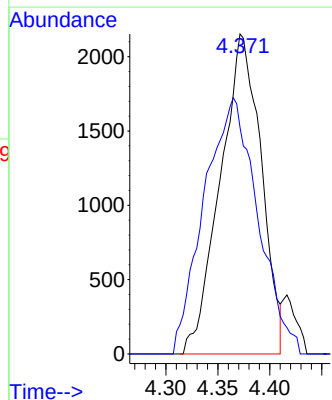
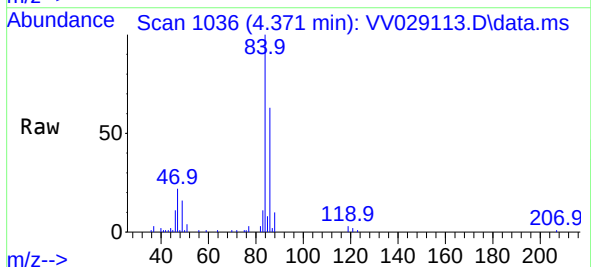
Instrument :
MSVOA_V
ClientSampleId :
BGCD3

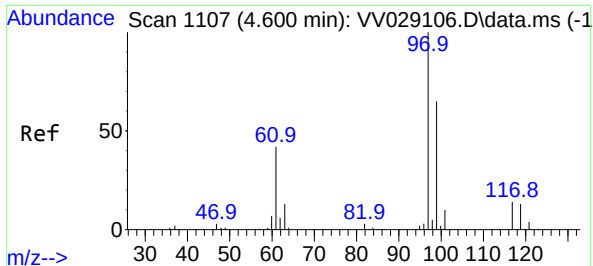
Tgt Ion: 96 Resp: 131247
Ion Ratio Lower Upper
96 100
61 119.0 82.3 152.9
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.177 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.003 min
Lab File: VV029113.D
Acq: 18 Nov 2022 13:11

Tgt Ion: 83 Resp: 5872
Ion Ratio Lower Upper
83 100
85 70.7 43.7 81.1





#29

1,1,1-Trichloroethane

Concen: 1.427 ug/L

RT: 4.603 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV029113.D

Acq: 18 Nov 2022 13:11

Instrument :

MSVOA_V

ClientSampleId :

BGCD3

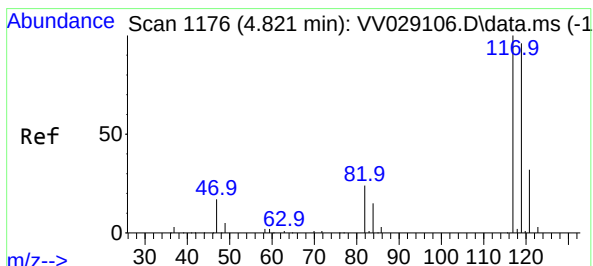
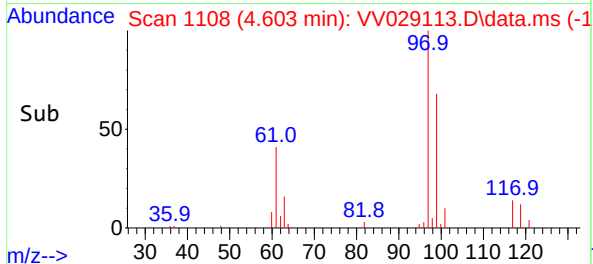
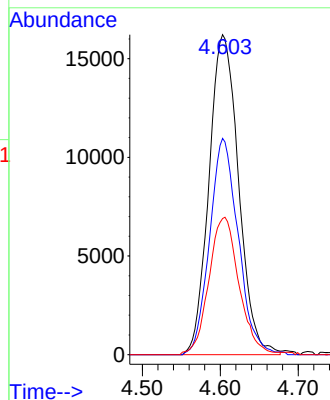
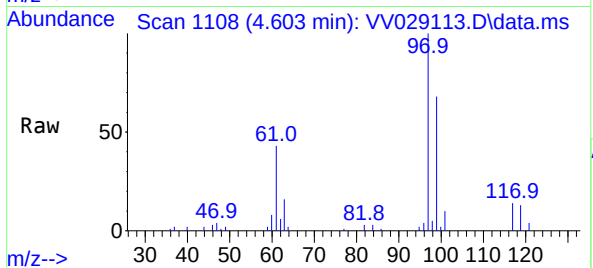
Tgt Ion: 97 Resp: 42784

Ion Ratio Lower Upper

97 100

99 65.6 52.7 79.1

61 43.8 33.8 50.6



#31

Carbon tetrachloride

Concen: 0.235 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.222 min

Lab File: VV029113.D

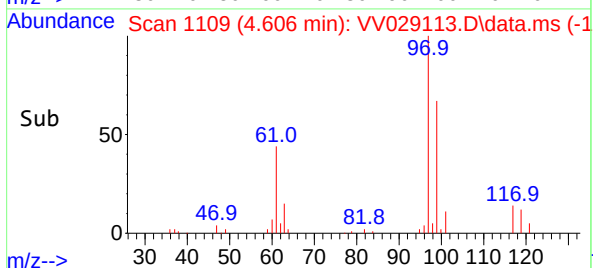
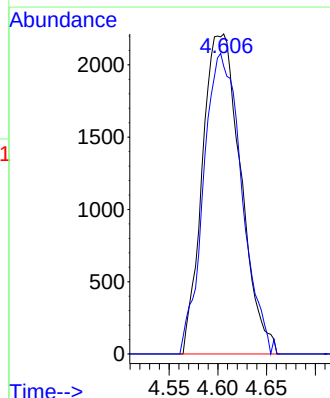
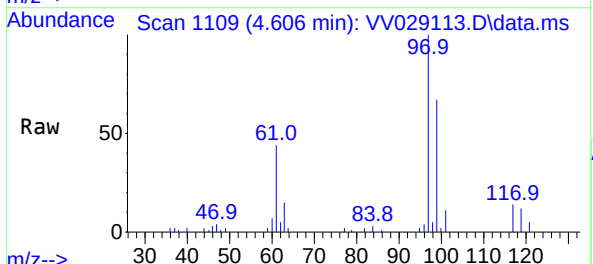
Acq: 18 Nov 2022 13:11

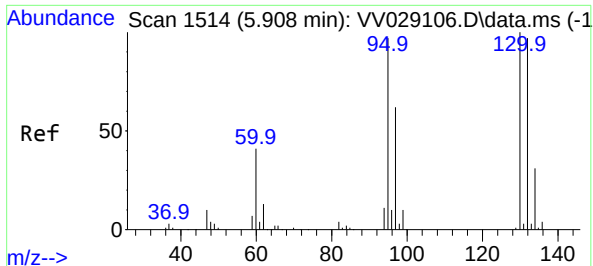
Tgt Ion: 117 Resp: 6064

Ion Ratio Lower Upper

117 100

119 93.5 77.0 115.6

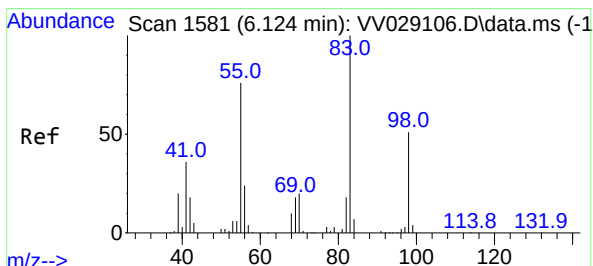
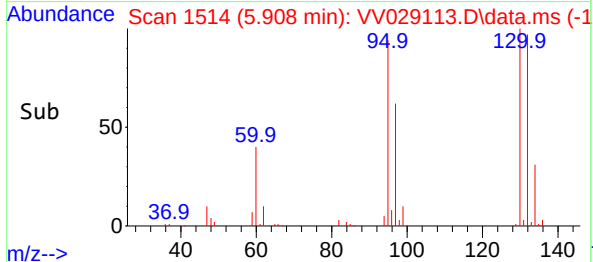
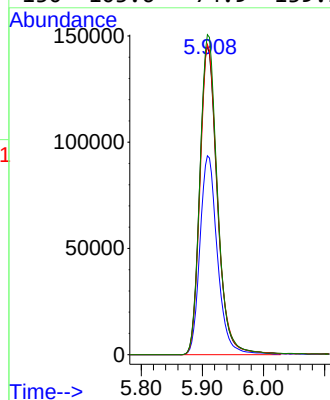
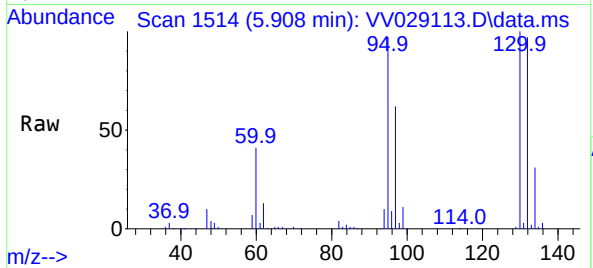




#34
Trichloroethene
Concen: 14.559 ug/L
RT: 5.908 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV029113.D
Acq: 18 Nov 2022 13:11

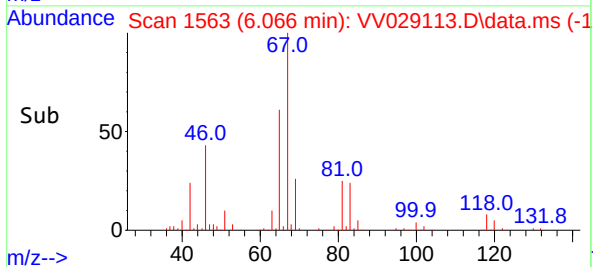
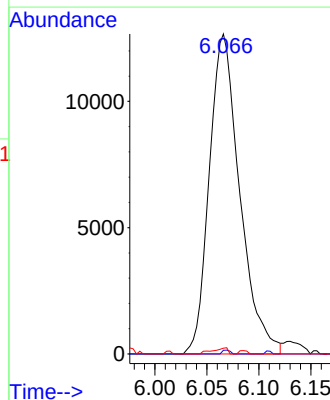
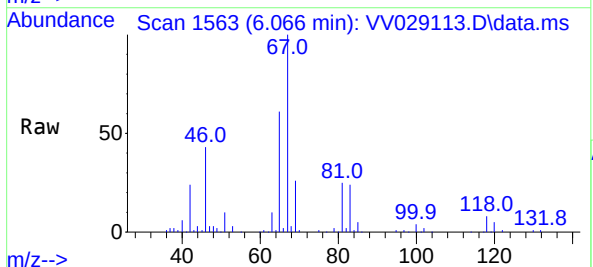
Instrument :
MSVOA_V
ClientSampleId :
BGCD3

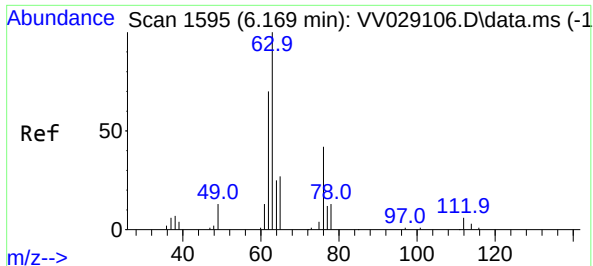
Tgt Ion: 95 Resp: 291001
Ion Ratio Lower Upper
95 100
97 64.4 45.6 84.8
132 100.4 69.1 128.3
130 103.6 74.9 139.1



#35
Methylcyclohexane
Concen: 0.734 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029113.D
Acq: 18 Nov 2022 13:11

Tgt Ion: 83 Resp: 25788
Ion Ratio Lower Upper
83 100
55 0.3 55.8 83.6#
98 0.9 38.2 57.2#

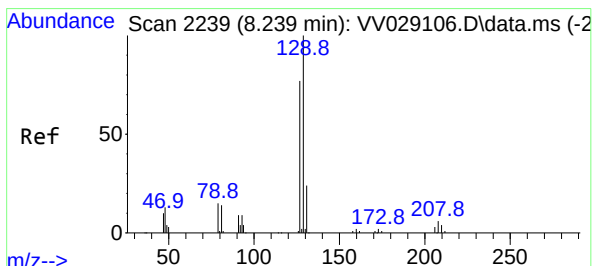
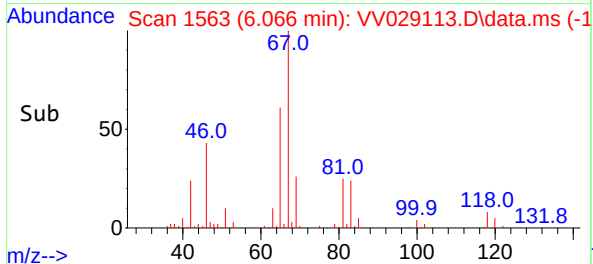
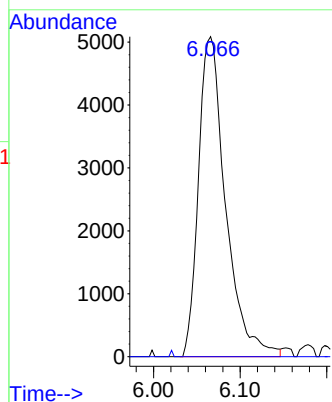
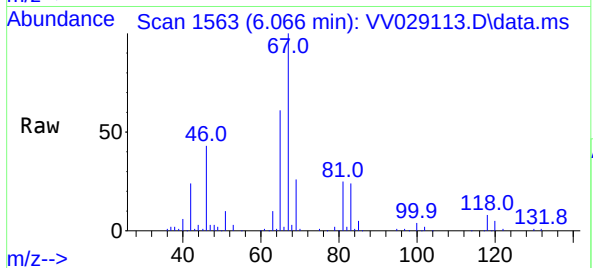




#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 6.066 min Scan# 11
Delta R.T. -0.106 min
Lab File: VV029113.D
Acq: 18 Nov 2022 13:11

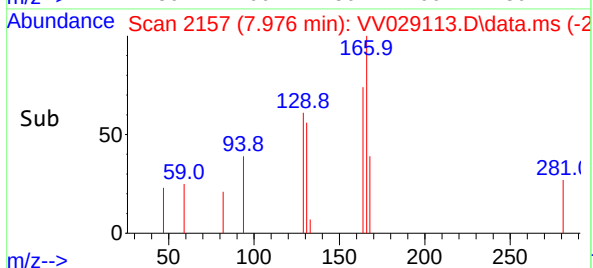
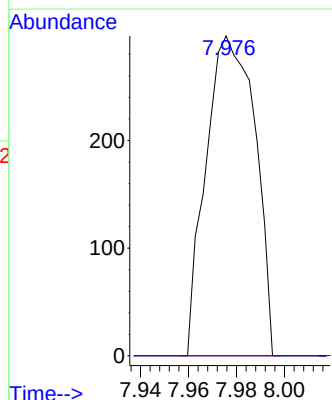
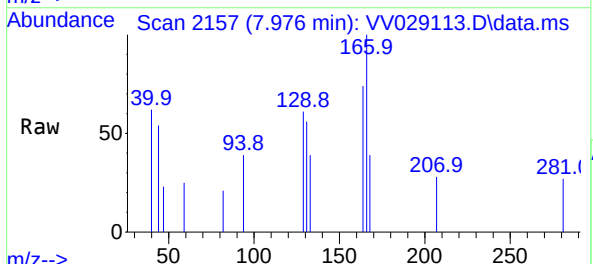
Instrument :
MSVOA_V
ClientSampleId :
BGCD3

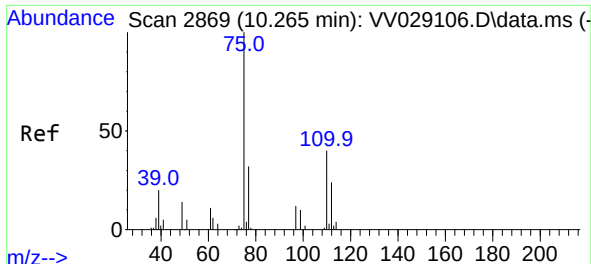
Tgt Ion: 63 Resp: 11065
Ion Ratio Lower Upper
63 100
112 0.2 4.0 6.0#



#49
Dibromochloromethane
Concen: 0.030 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.264 min
Lab File: VV029113.D
Acq: 18 Nov 2022 13:11

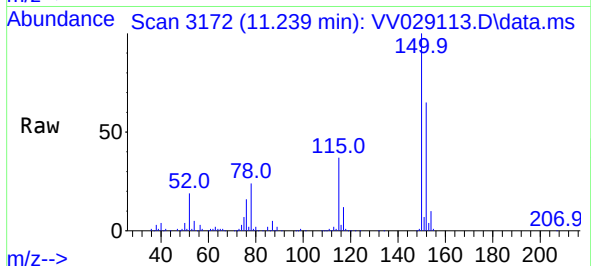
Tgt Ion: 129 Resp: 422
Ion Ratio Lower Upper
129 100
127 0.0 54.5 101.1#





#61
 1,2,3-Trichloropropane
 Concen: 1.614 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.971 min
 Lab File: VV029113.D
 Acq: 18 Nov 2022 13:11

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCD3



Tgt Ion: 75 Resp: 13001

Ion	Ratio	Lower	Upper
75	100		
77	30.7	26.2	39.2
110	2.1	32.6	48.8#

