

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111822\
 Data File : VW029120.D
 Acq On : 18 Nov 2022 15:59
 Operator : SY/MD
 Sample : N5687-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCE2

Quant Time: Nov 18 23:34:37 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)

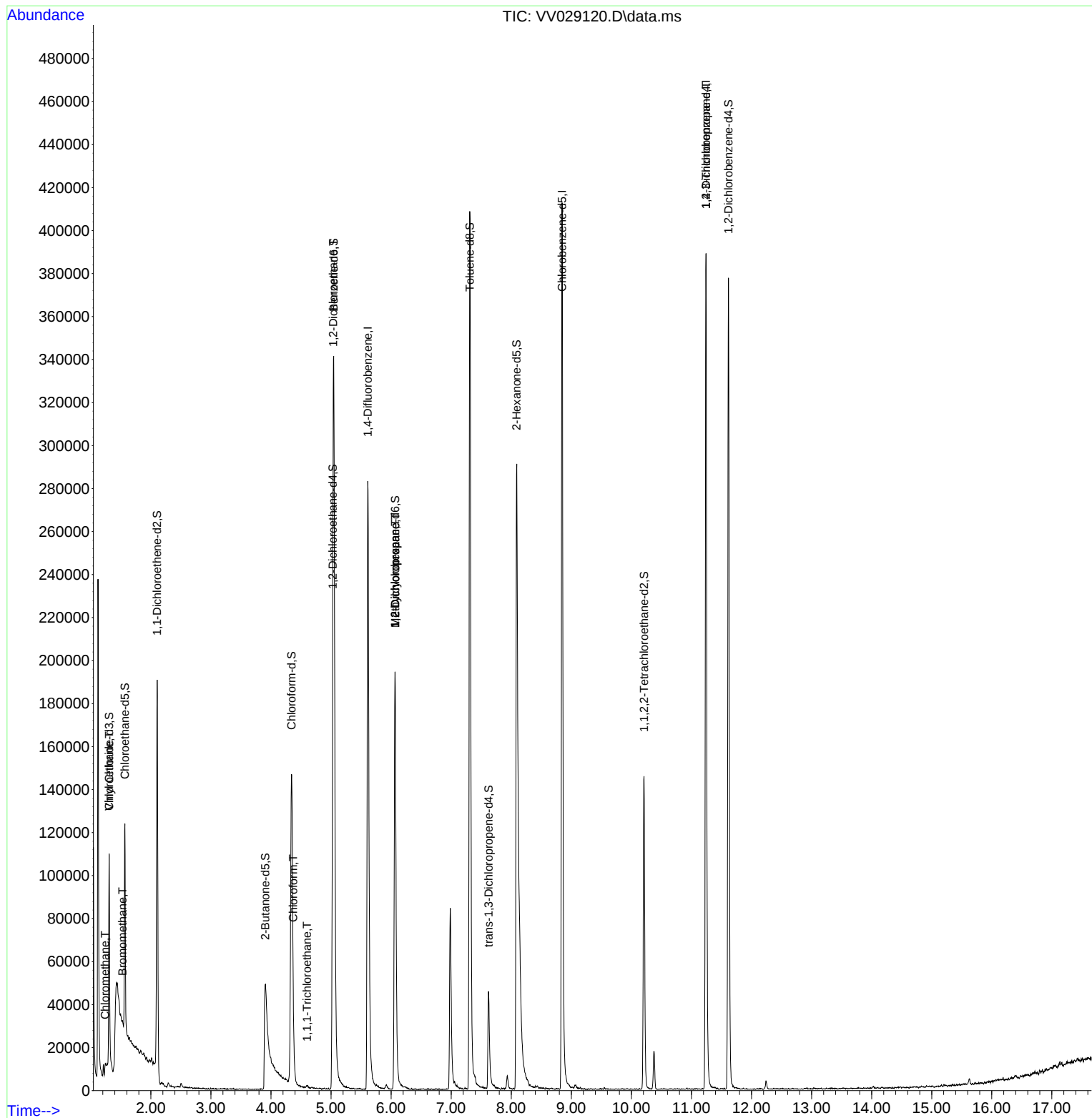
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	267478	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	246720	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	111416	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	71014	4.355	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.568	69	63296	4.415	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.400%
11) 1,1-Dichloroethene-d2	2.105	63	95159	3.202	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.905	46	132511	48.544	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.080%
24) Chloroform-d	4.342	84	160701	4.800	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.027	65	80017	5.312	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.200%
32) Benzene-d6	5.043	84	334761	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.066	67	104438	5.079	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.600%
41) Toluene-d8	7.310	98	295283	4.454	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
43) trans-1,3-Dichloroprop...	7.622	79	30380	4.530	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.600%
46) 2-Hexanone-d5	8.088	63	149305	52.153	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.300%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	77427	5.431	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.600%
66) 1,2-Dichlorobenzene-d4	11.615	152	107550	5.395	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.000%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	3343	0.181	ug/L	99
6) Bromomethane	1.526	94	647	0.051	ug/L	83
8) Chloroethane	1.307	64	4957	0.400	ug/L	99
25) Chloroform	4.368	83	4901	0.152	ug/L	90
27) 1,2-Dichloroethane	5.037	62	972	0.059	ug/L #	70
29) 1,1,1-Trichloroethane	4.600	97	1003	0.035	ug/L #	82
35) Methylcyclohexane	6.066	83	24516	0.723	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11010	0.633	ug/L #	85
61) 1,2,3-Trichloropropane	11.243	75	12288	1.614	ug/L #	64

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

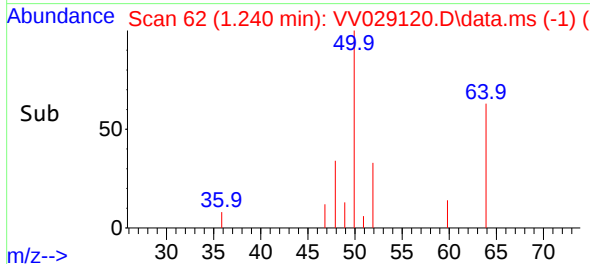
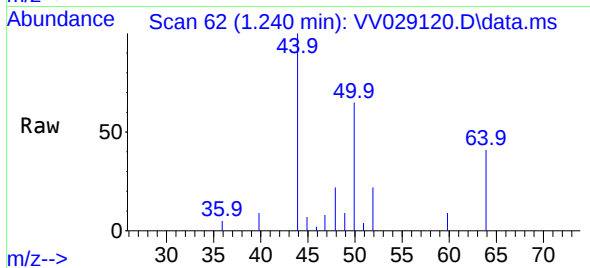
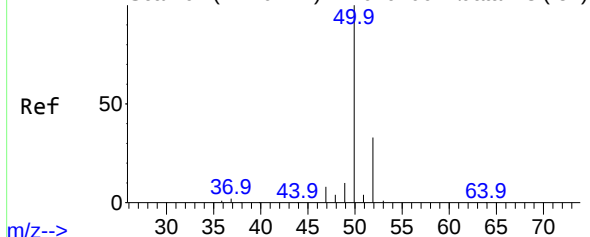
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111822\
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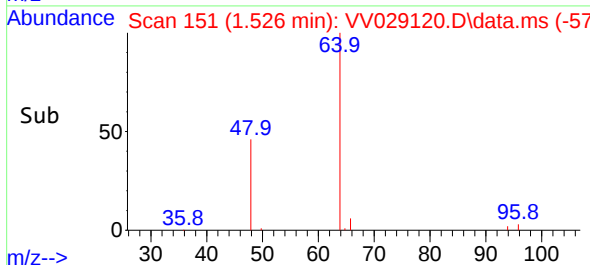
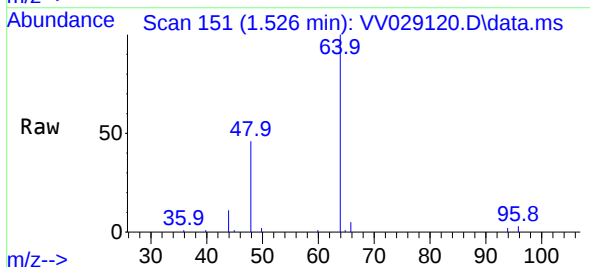
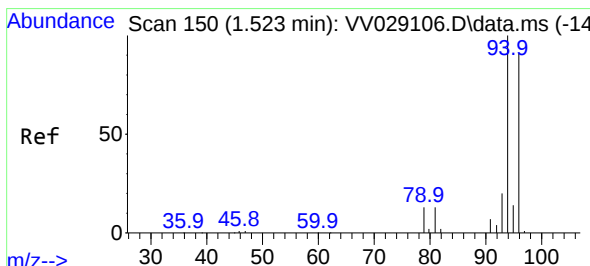
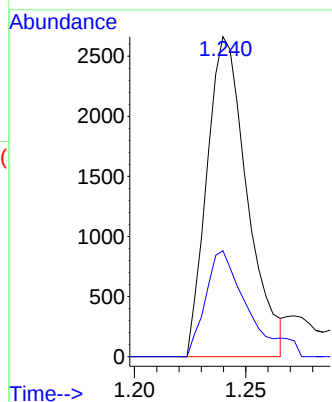
Abundance Scan 62 (1.240 min): VV029106.D\data.ms (-54)



#3
Chloromethane
Concen: 0.181 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV029120.D
Acq: 18 Nov 2022 15:59

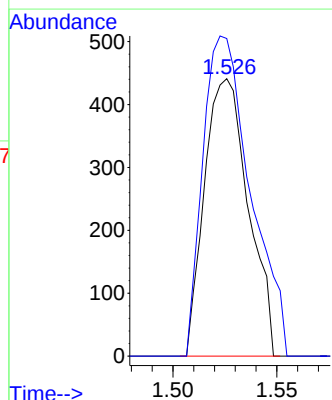
Instrument :
MSVOA_V
ClientSampleId :
BGCE2

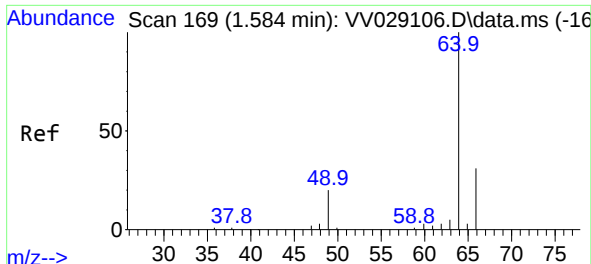
Tgt Ion: 50 Resp: 3343
Ion Ratio Lower Upper
50 100
52 33.1 23.7 43.9



#6
Bromomethane
Concen: 0.051 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV029120.D
Acq: 18 Nov 2022 15:59

Tgt Ion: 94 Resp: 647
Ion Ratio Lower Upper
94 100
96 114.5 68.5 127.3

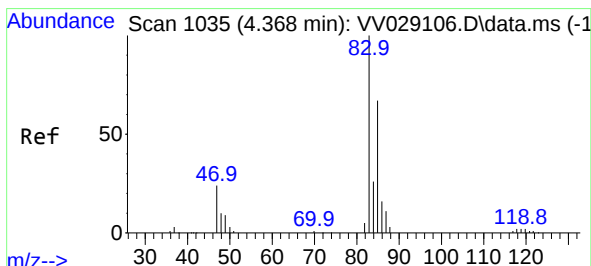
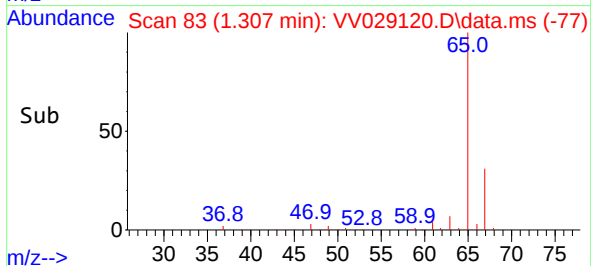
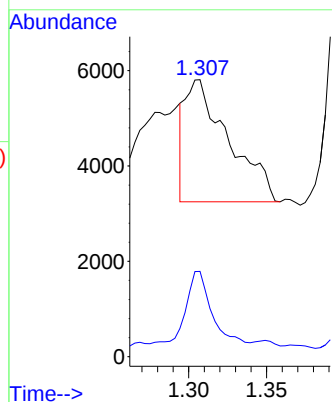
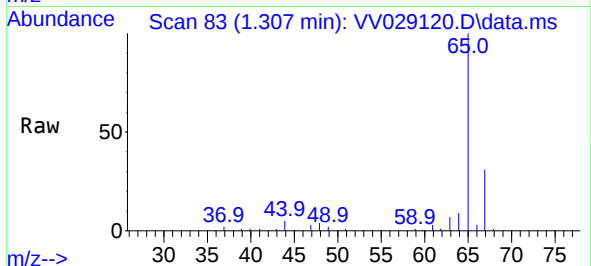




#8
Chloroethane
Concen: 0.400 ug/L
RT: 1.307 min Scan# 81
Delta R.T. -0.280 min
Lab File: VV029120.D
Acq: 18 Nov 2022 15:59

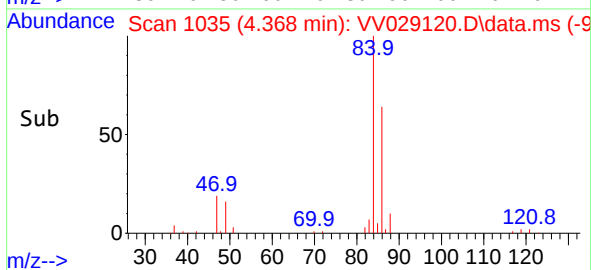
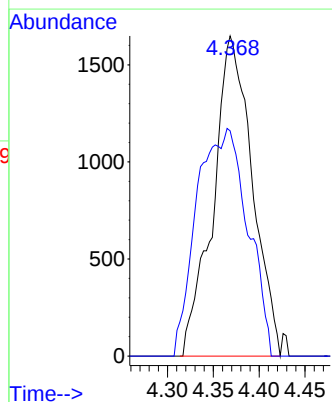
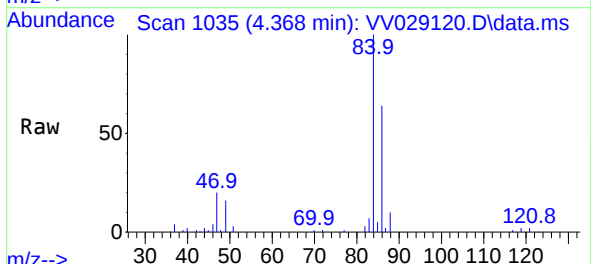
Instrument :
MSVOA_V
ClientSampleId :
BGCE2

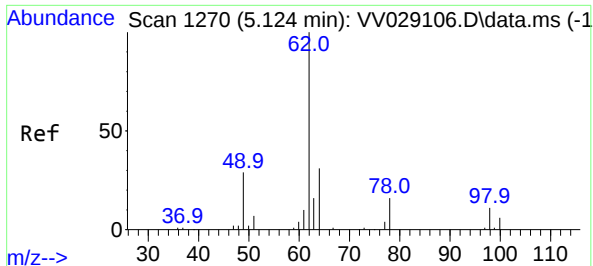
Tgt Ion: 64 Resp: 4957
Ion Ratio Lower Upper
64 100
66 30.8 22.0 40.8



#25
Chloroform
Concen: 0.152 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.007 min
Lab File: VV029120.D
Acq: 18 Nov 2022 15:59

Tgt Ion: 83 Resp: 4901
Ion Ratio Lower Upper
83 100
85 70.3 43.7 81.1

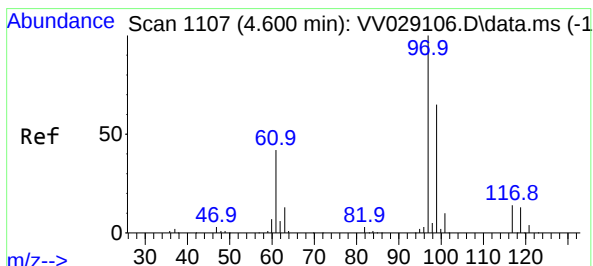
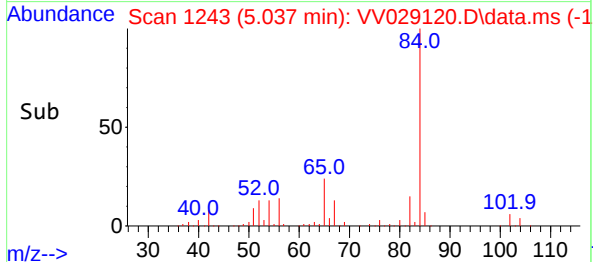
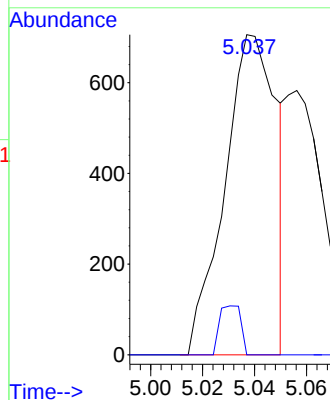
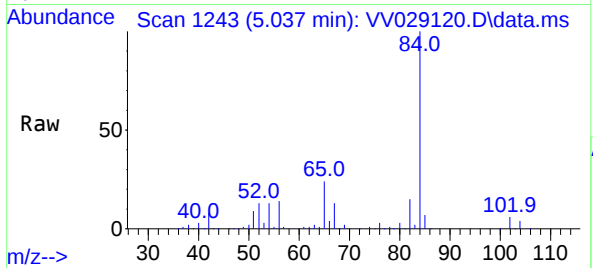




#27
1,2-Dichloroethane
Concen: 0.059 ug/L
RT: 5.037 min Scan# 1107
Delta R.T. -0.097 min
Lab File: VV029120.D
Acq: 18 Nov 2022 15:59

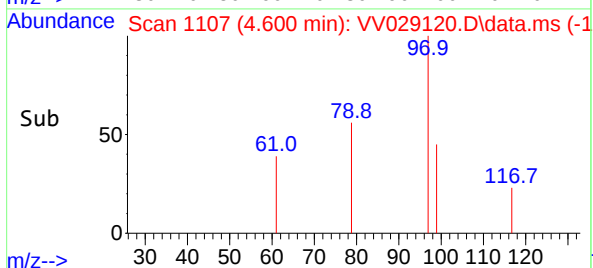
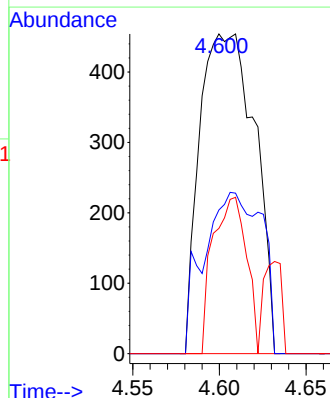
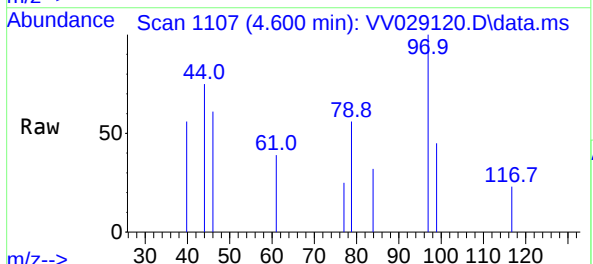
Instrument :
MSVOA_V
ClientSampleId :
BGCE2

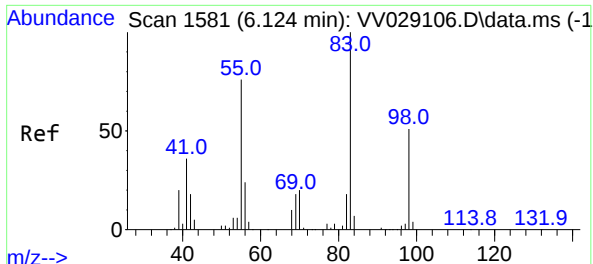
Tgt Ion: 62 Resp: 972
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.6#



#29
1,1,1-Trichloroethane
Concen: 0.035 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.007 min
Lab File: VV029120.D
Acq: 18 Nov 2022 15:59

Tgt Ion: 97 Resp: 1003
Ion Ratio Lower Upper
97 100
99 52.9 52.7 79.1
61 29.8 33.8 50.6#

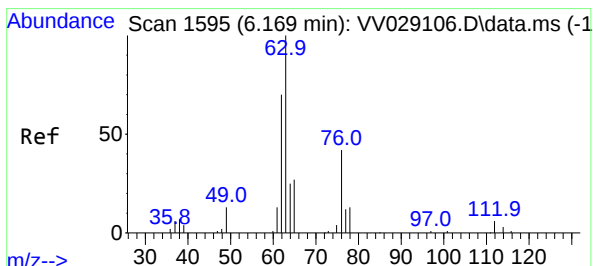
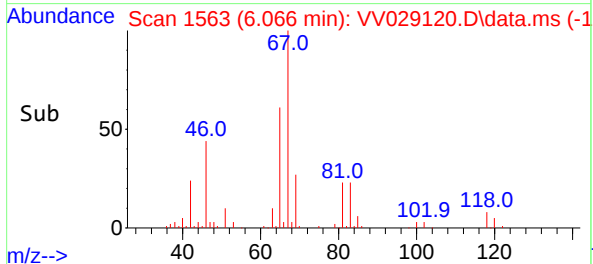
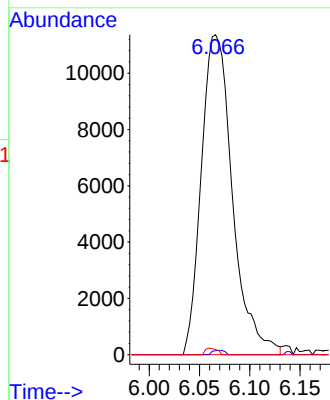
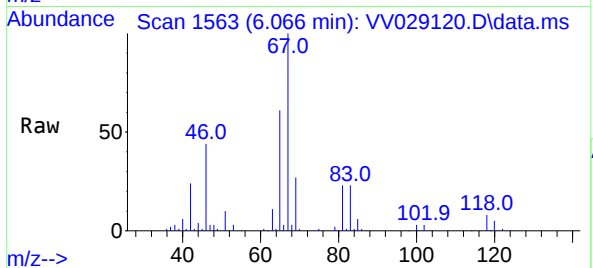




#35
Methylcyclohexane
Concen: 0.723 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.064 min
Lab File: VV029120.D
Acq: 18 Nov 2022 15:59

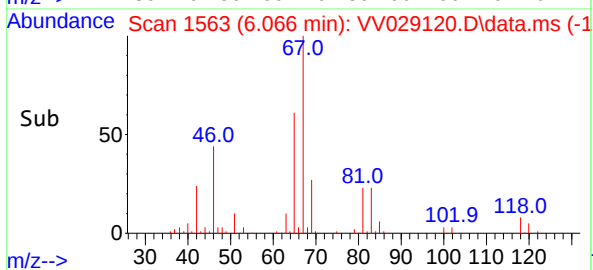
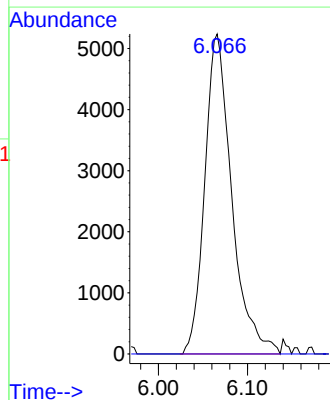
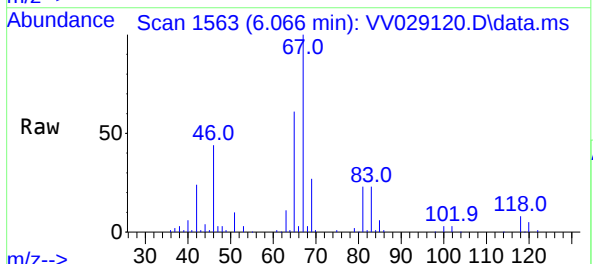
Instrument :
MSVOA_V
ClientSampleId :
BGCE2

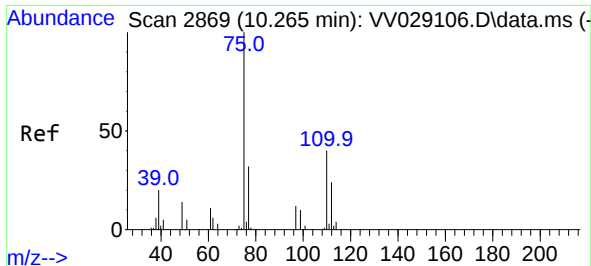
Tgt Ion: 83 Resp: 24516
Ion Ratio Lower Upper
83 100
55 0.5 55.8 83.6#
98 0.8 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.633 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.106 min
Lab File: VV029120.D
Acq: 18 Nov 2022 15:59

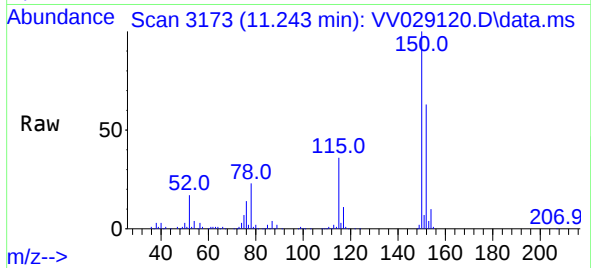
Tgt Ion: 63 Resp: 11010
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#61
 1,2,3-Trichloropropane
 Concen: 1.614 ug/L
 RT: 11.243 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV029120.D
 Acq: 18 Nov 2022 15:59

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 MSVOA_V
 ClientSampleId :
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Tgt Ion: 75 Resp: 12288

Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.2	39.2
110	0.9	32.6	48.8#

