

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111622\
 Data File : VW029022.D
 Acq On : 16 Nov 2022 17:15
 Operator : SY/MD
 Sample : N5620-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BGCB0

Quant Time: Nov 17 02:54:46 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)

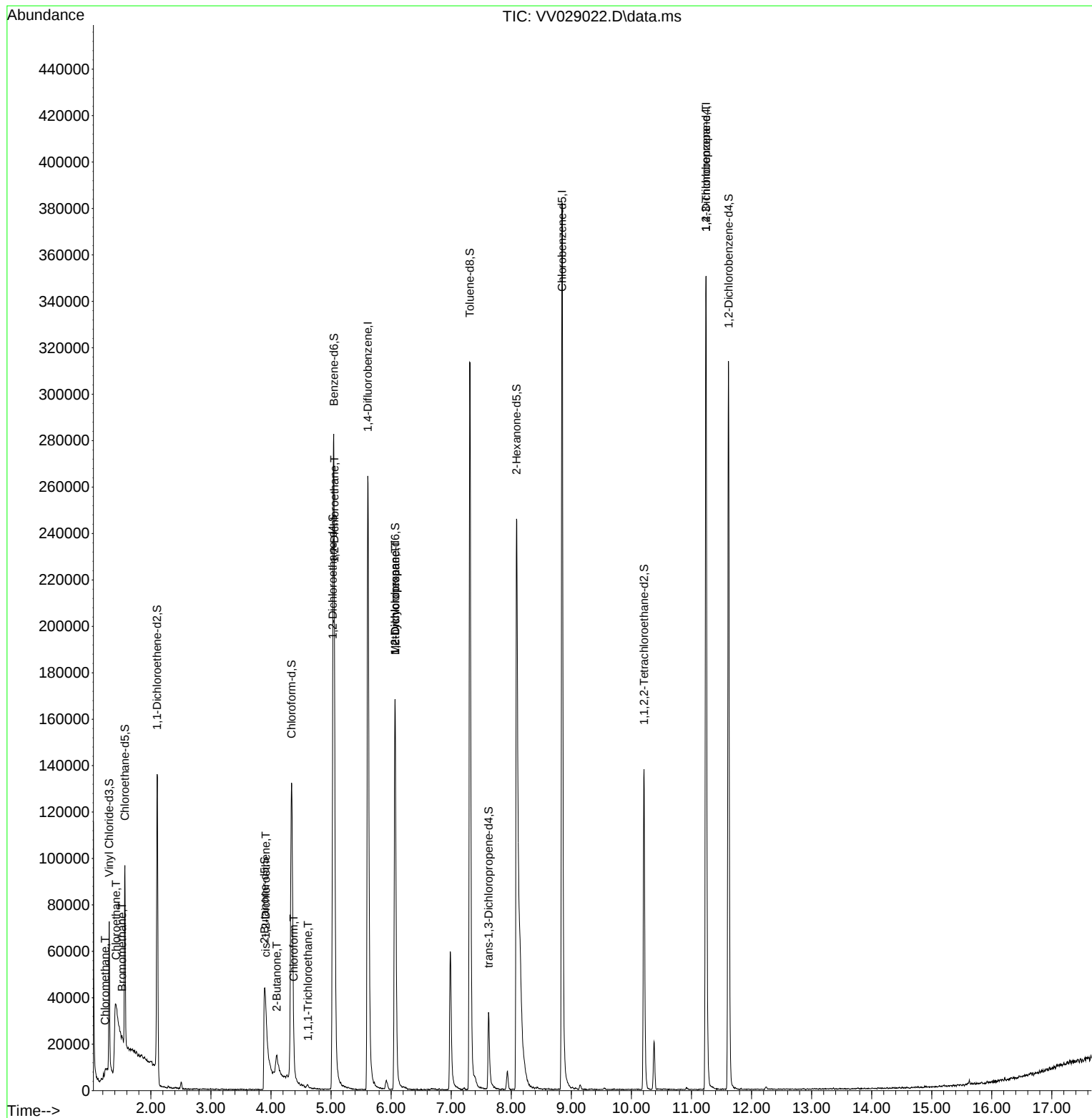
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	254548	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	239149	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	106384	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	44569	2.872	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.400%
7) Chloroethane-d5	1.568	69	49358	3.618	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	2.105	63	66261	2.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.800%#
20) 2-Butanone-d5	3.892	46	109084	41.992	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.980%
24) Chloroform-d	4.343	84	146155	4.587	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.800%
26) 1,2-Dichloroethane-d4	5.027	65	67918	4.738	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.047	84	279376	3.914	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.066	67	90040	4.517	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.310	98	231310	3.600	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.000%
43) trans-1,3-Dichloroprop...	7.622	79	23814	3.663	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.200%
46) 2-Hexanone-d5	8.088	63	138837	50.032	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	72203	5.225	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.400%
66) 1,2-Dichlorobenzene-d4	11.619	152	90722	4.767	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1010	0.057	ug/L	97
6) Bromomethane	1.520	94	515	0.043	ug/L	94
8) Chloroethane	1.420	64	99747	8.450	ug/L #	52
21) 2-Butanone	4.095	43	21097	8.155	ug/L #	51
22) cis-1,2-Dichloroethene	3.912	96	1198	0.066	ug/L	78
25) Chloroform	4.378	83	2203	0.072	ug/L	97
27) 1,2-Dichloroethane	5.056	62	1342	0.085	ug/L #	70
29) 1,1,1-Trichloroethane	4.616	97	462	0.016	ug/L #	32
35) Methylcyclohexane	6.066	83	22576	0.687	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	8935	0.530	ug/L #	85
61) 1,2,3-Trichloropropane	11.243	75	10650	1.465	ug/L #	64

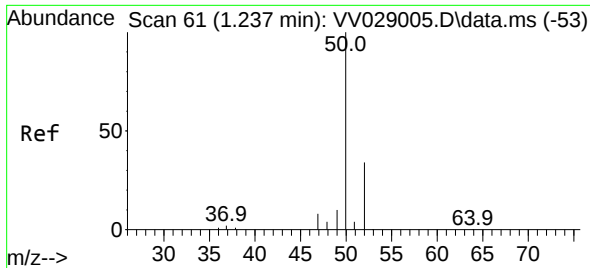
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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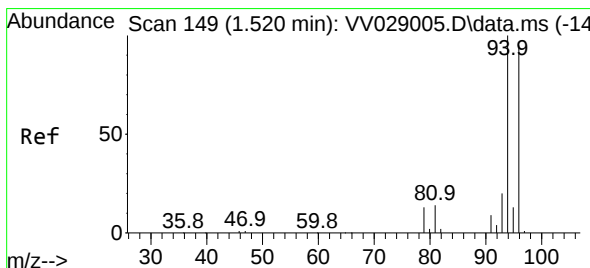
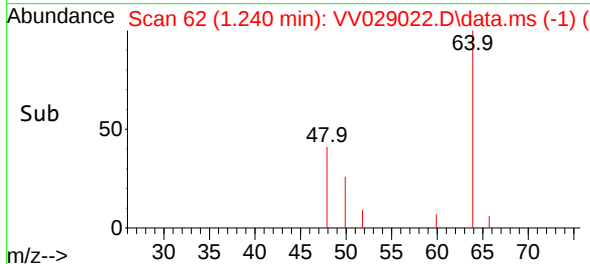
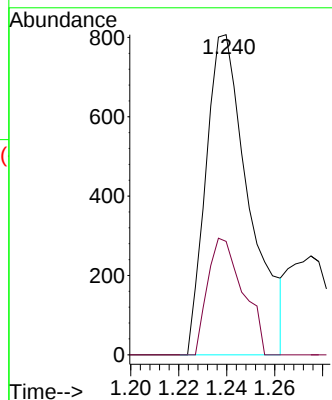
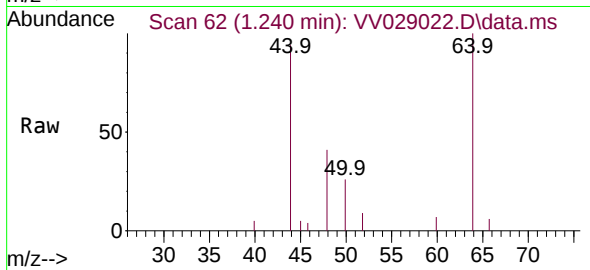




#3
Chloromethane
Concen: 0.057 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029022.D
Acq: 16 Nov 2022 17:15

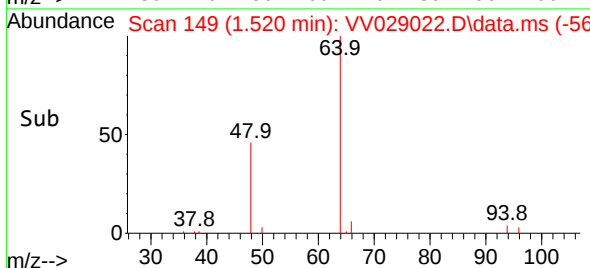
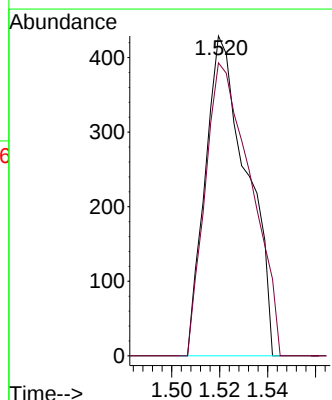
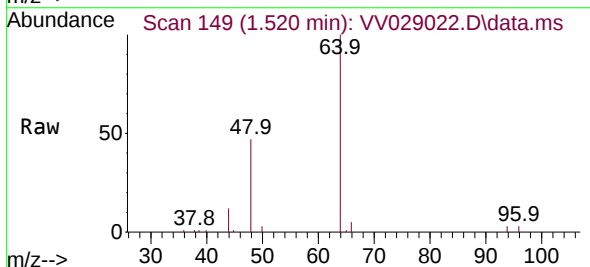
Instrument :
MSVOA_V
ClientSampleId :
BGCB0

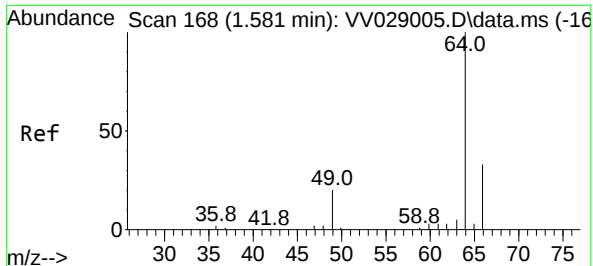
Tgt Ion: 50 Resp: 1010
Ion Ratio Lower Upper
50 100
52 35.4 23.7 43.9



#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.520 min Scan# 149
Delta R.T. -0.000 min
Lab File: VV029022.D
Acq: 16 Nov 2022 17:15

Tgt Ion: 94 Resp: 515
Ion Ratio Lower Upper
94 100
96 91.6 68.5 127.3

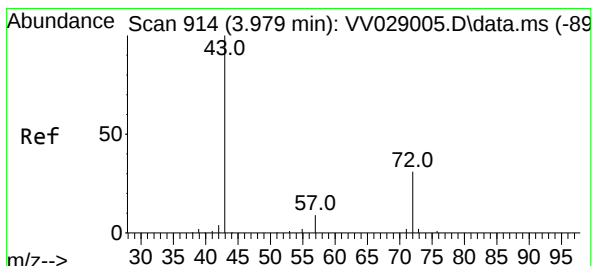
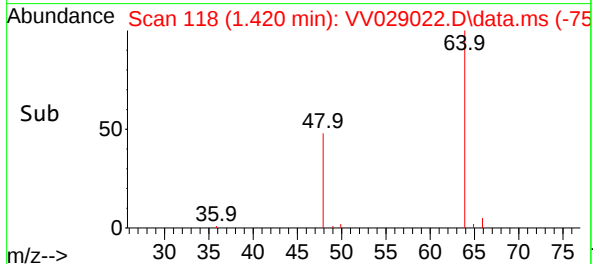
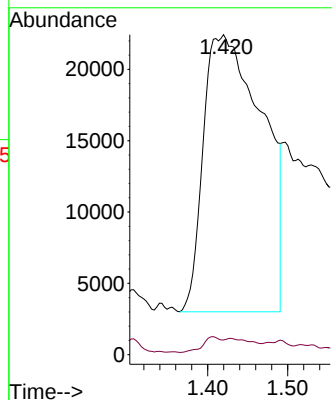
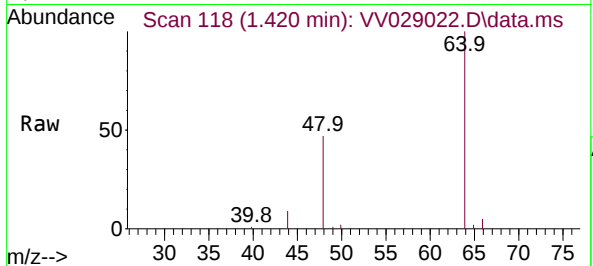




#8
Chloroethane
Concen: 8.450 ug/L
RT: 1.420 min Scan# 11
Delta R.T. -0.161 min
Lab File: VV029022.D
Acq: 16 Nov 2022 17:15

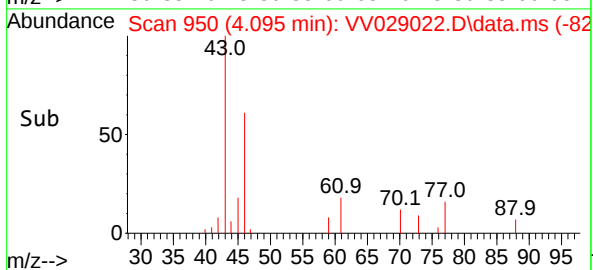
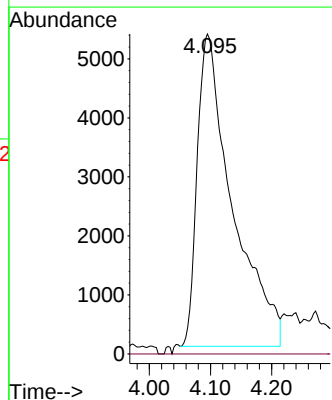
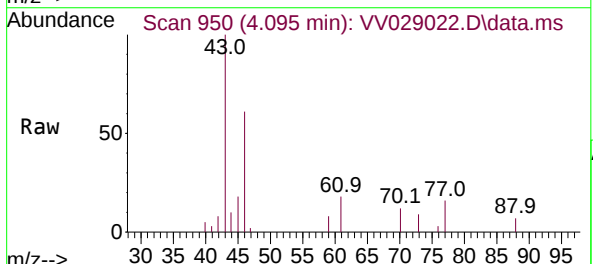
Instrument :
MSVOA_V
ClientSampleId :
BGCBO

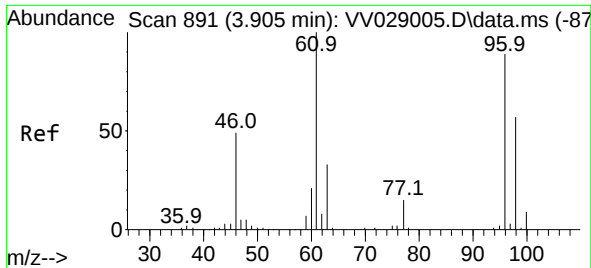
Tgt Ion: 64 Resp: 99747
Ion Ratio Lower Upper
64 100
66 4.6 22.0 40.8#



#21
2-Butanone
Concen: 8.155 ug/L
RT: 4.095 min Scan# 950
Delta R.T. 0.116 min
Lab File: VV029022.D
Acq: 16 Nov 2022 17:15

Tgt Ion: 43 Resp: 21097
Ion Ratio Lower Upper
43 100
72 0.0 11.9 35.9#

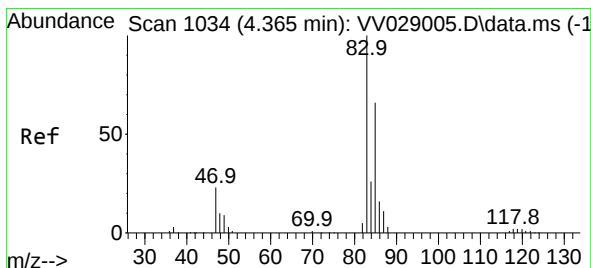
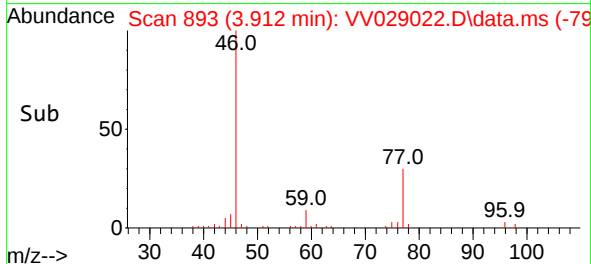
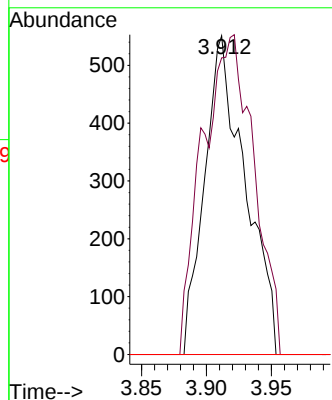
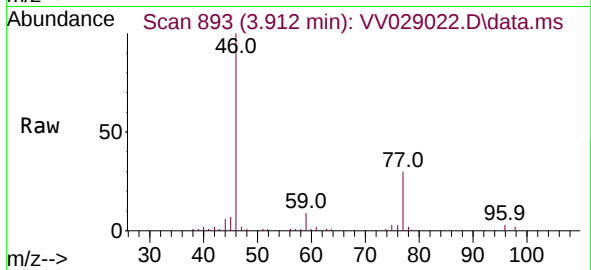




#22
 cis-1,2-Dichloroethene
 Concen: 0.066 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV029022.D
 Acq: 16 Nov 2022 17:15

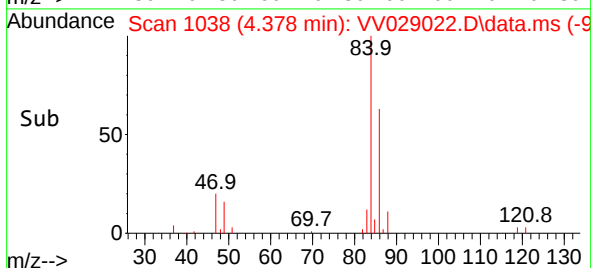
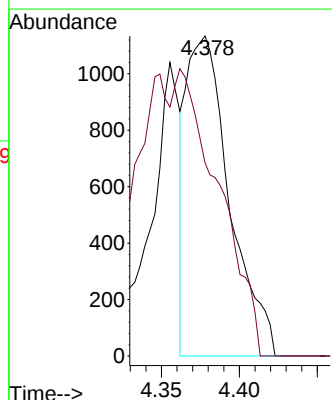
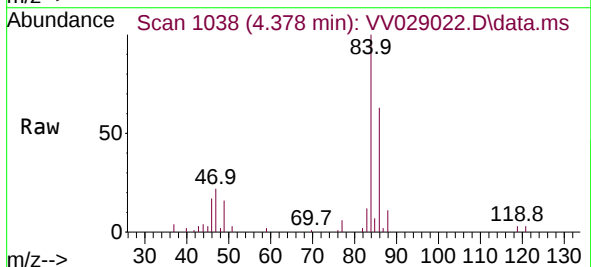
Instrument :
 MSVOA_V
 ClientSampleId :
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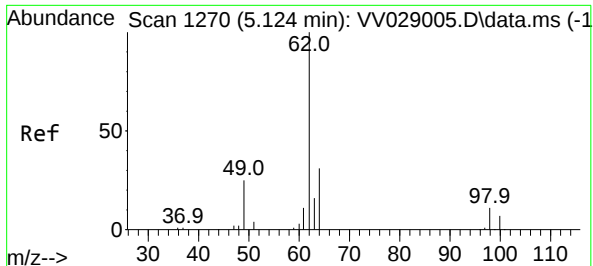
Tgt Ion: 96 Resp: 1198
 Ion Ratio Lower Upper
 96 100
 61 93.1 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.072 ug/L
 RT: 4.378 min Scan# 1038
 Delta R.T. 0.013 min
 Lab File: VV029022.D
 Acq: 16 Nov 2022 17:15

Tgt Ion: 83 Resp: 2203
 Ion Ratio Lower Upper
 83 100
 85 60.4 43.7 81.1





#27

1,2-Dichloroethane

Concen: 0.085 ug/L

RT: 5.056 min Scan# 1112

Delta R.T. -0.068 min

Lab File: VV029022.D

Acq: 16 Nov 2022 17:15

Instrument :

MSVOA_V

ClientSampleId :

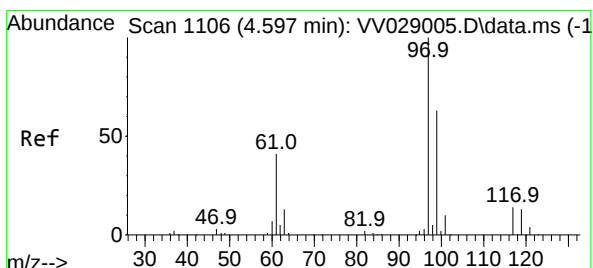
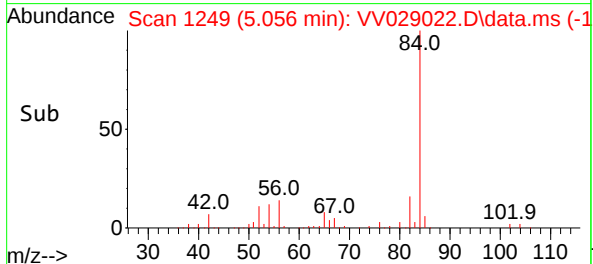
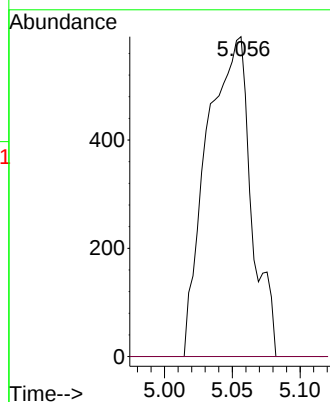
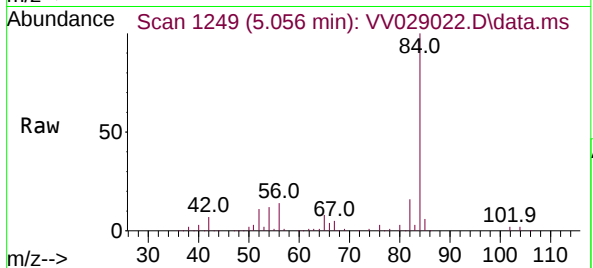
BGCB0

Tgt Ion: 62 Resp: 1342

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#



#29

1,1,1-Trichloroethane

Concen: 0.016 ug/L

RT: 4.616 min Scan# 1112

Delta R.T. 0.019 min

Lab File: VV029022.D

Acq: 16 Nov 2022 17:15

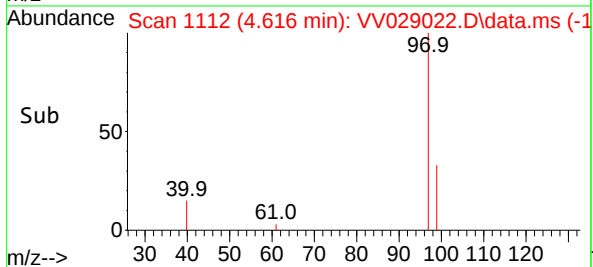
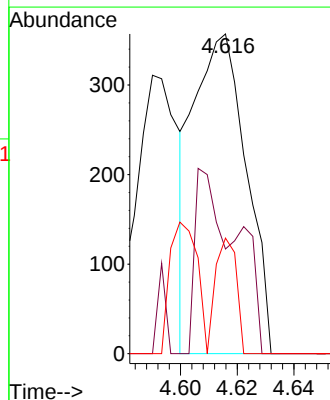
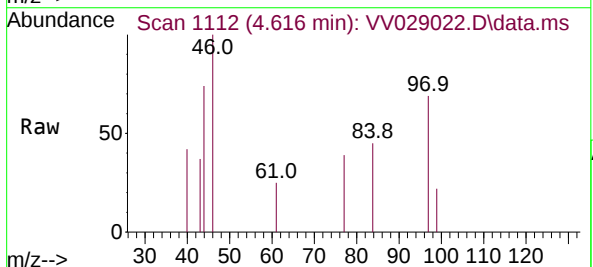
Tgt Ion: 97 Resp: 462

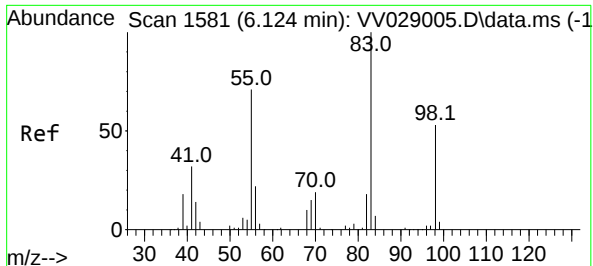
Ion Ratio Lower Upper

97 100

99 0.0 52.7 79.1#

61 14.3 33.8 50.6#





#35

Methylcyclohexane

Concen: 0.687 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV029022.D

Acq: 16 Nov 2022 17:15

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BGCB0

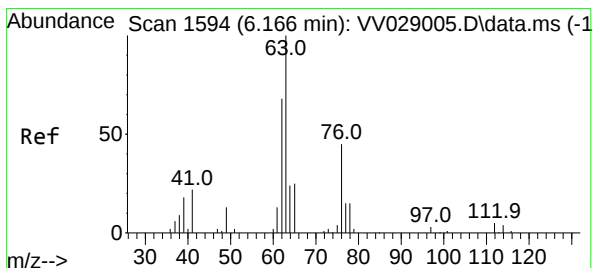
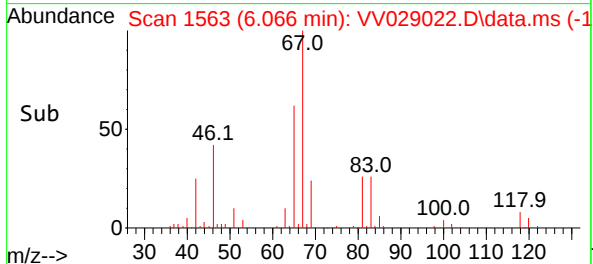
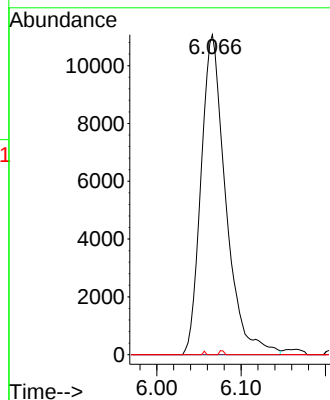
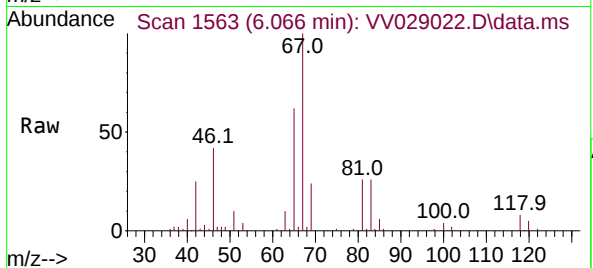
Tgt Ion: 83 Resp: 22576

Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.2 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.530 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.100 min

Lab File: VV029022.D

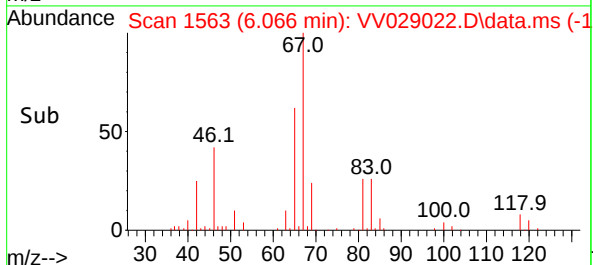
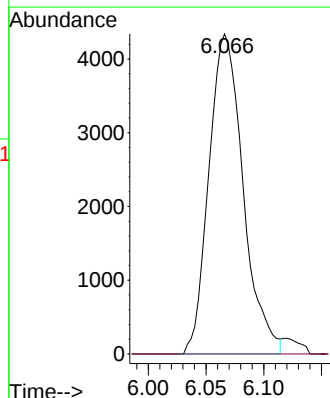
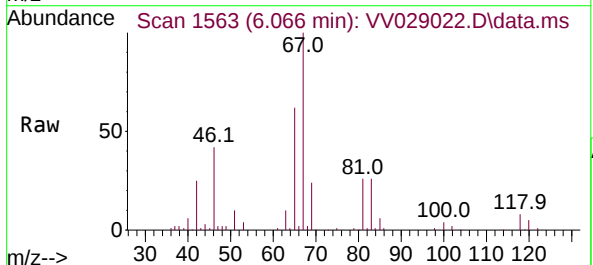
Acq: 16 Nov 2022 17:15

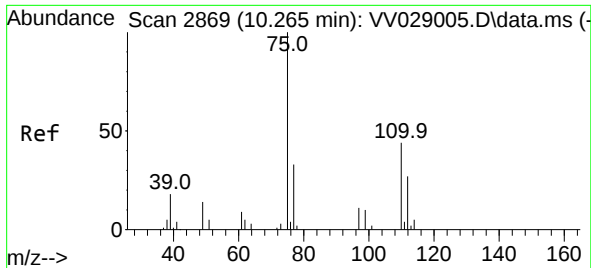
Tgt Ion: 63 Resp: 8935

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#





#61

1,2,3-Trichloropropane

Concen: 1.465 ug/L

RT: 11.243 min Scan# 31

Delta R.T. 0.977 min

Lab File: VV029022.D

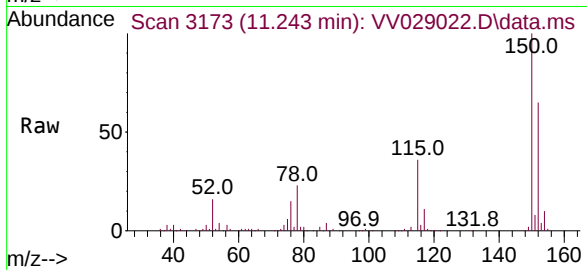
Acq: 16 Nov 2022 17:15

Instrument :

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BGCB0



Tgt Ion: 75 Resp: 10650

Ion Ratio Lower Upper

75 100

77 34.4 26.2 39.2

110 1.9 32.6 48.8#

