

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
 Data File : VV029071.D
 Acq On : 17 Nov 2022 18:14
 Operator : SY/MD
 Sample : N5621-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Nov 18 01:44:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 18 01:37:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

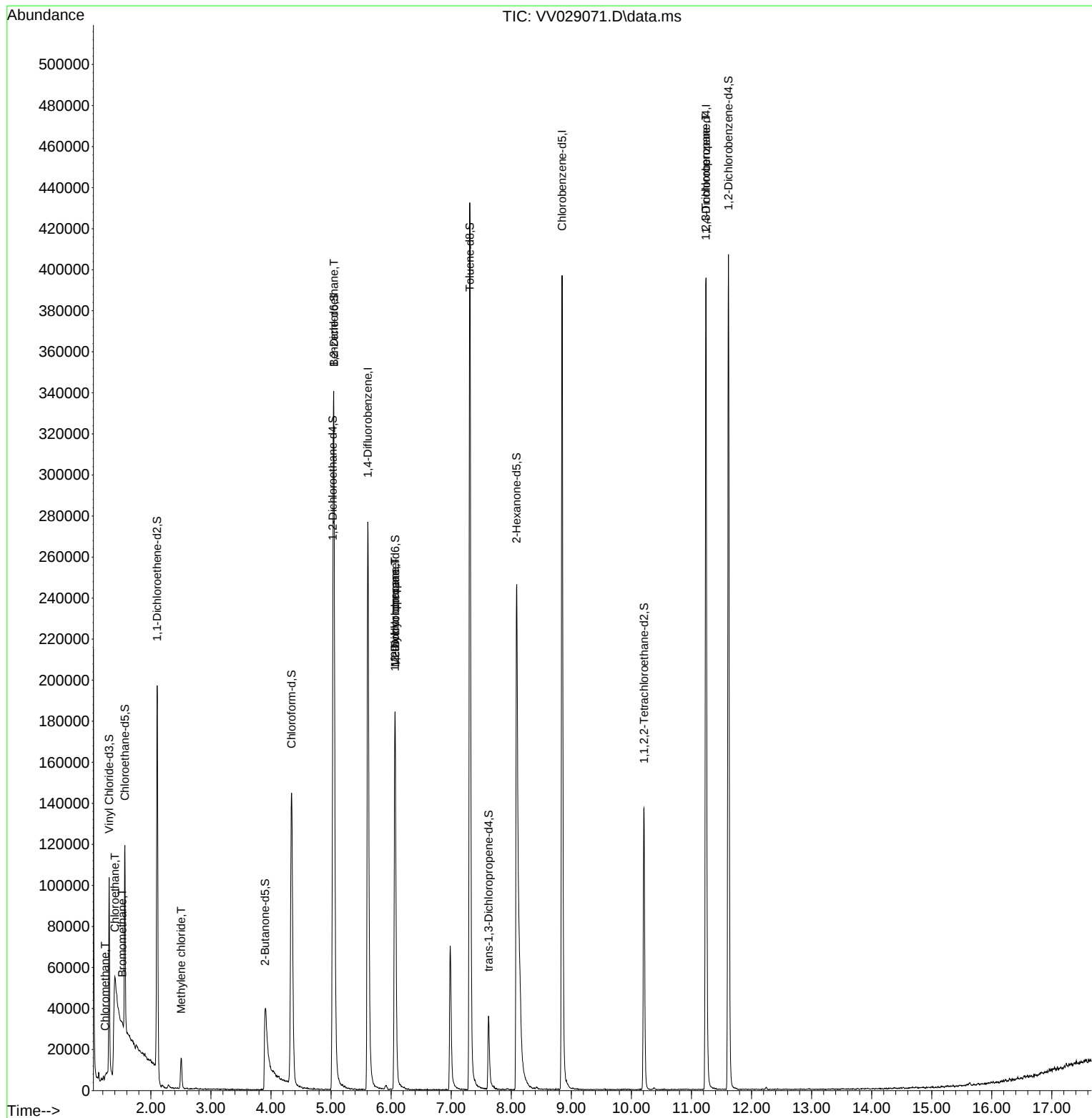
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	268103	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	248916	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	118508	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	66598	4.075	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.568	69	57710	4.016	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.400%
11) 1,1-Dichloroethene-d2	2.105	63	91074	3.058	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.200%
20) 2-Butanone-d5	3.902	46	97242	35.541	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	71.080%
24) Chloroform-d	4.343	84	159527	4.754	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
26) 1,2-Dichloroethane-d4	5.031	65	71488	4.735	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
32) Benzene-d6	5.047	84	338328	4.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.066	67	96668	4.659	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.310	98	314411	4.701	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	7.622	79	25981	3.840	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.800%
46) 2-Hexanone-d5	8.088	63	131777	45.625	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.240%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	70752	4.919	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	120938	5.704	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	929	0.050	ug/L	96
6) Bromomethane	1.523	94	544	0.043	ug/L	88
8) Chloroethane	1.401	64	173693	13.971	ug/L #	53
16) Methylene chloride	2.503	84	6784	0.323	ug/L	99
27) 1,2-Dichloroethane	5.047	62	1552	0.093	ug/L #	70
35) Methylcyclohexane	6.066	83	23994	0.701	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	10511	0.599	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	11312	1.397	ug/L #	65

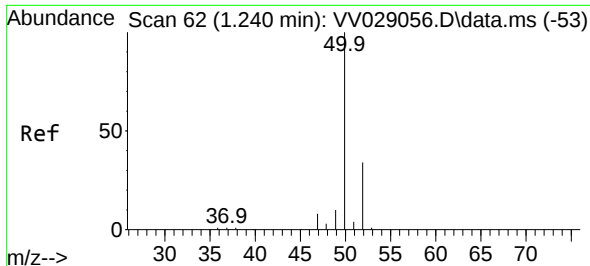
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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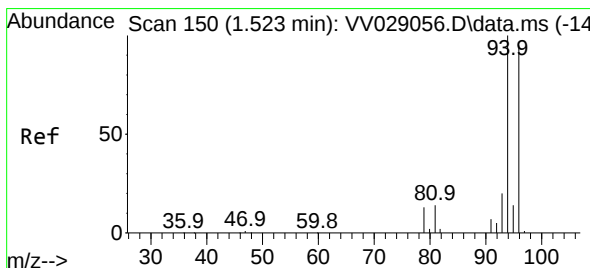
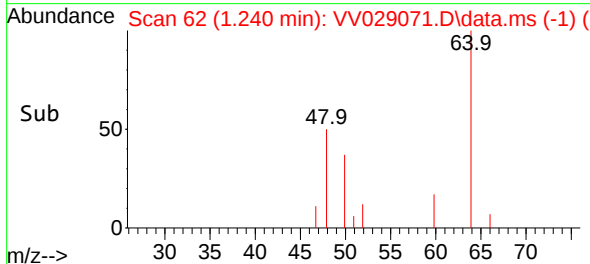
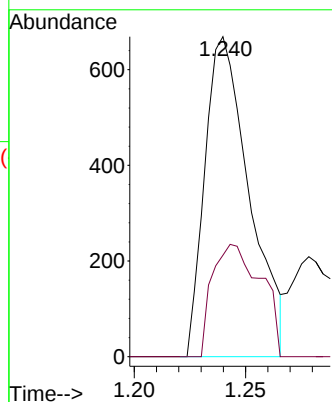
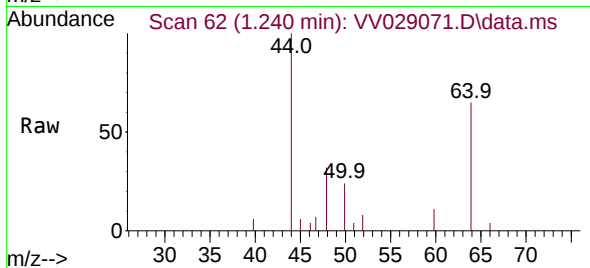




#3
Chloromethane
Concen: 0.050 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV029071.D
Acq: 17 Nov 2022 18:14

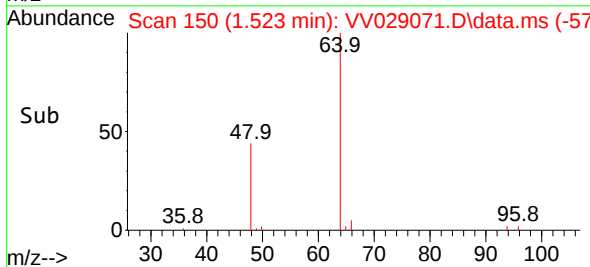
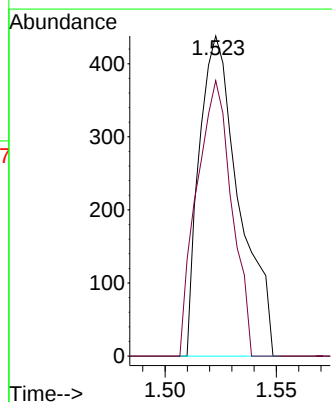
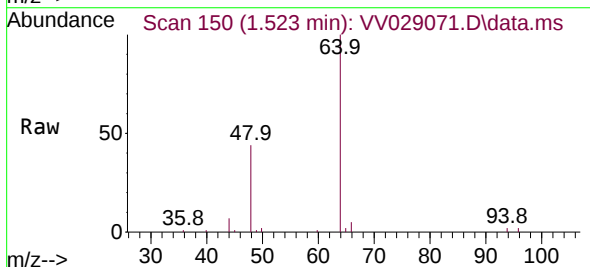
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

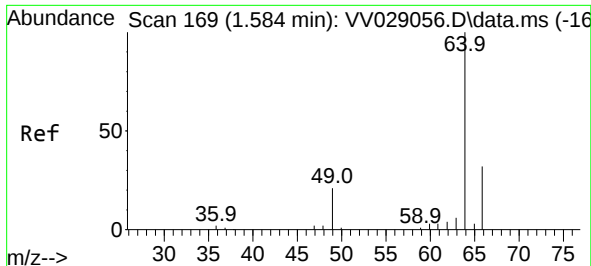
Tgt Ion: 50 Resp: 929
Ion Ratio Lower Upper
50 100
52 31.7 23.7 43.9



#6
Bromomethane
Concen: 0.043 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV029071.D
Acq: 17 Nov 2022 18:14

Tgt Ion: 94 Resp: 544
Ion Ratio Lower Upper
94 100
96 86.1 68.5 127.3

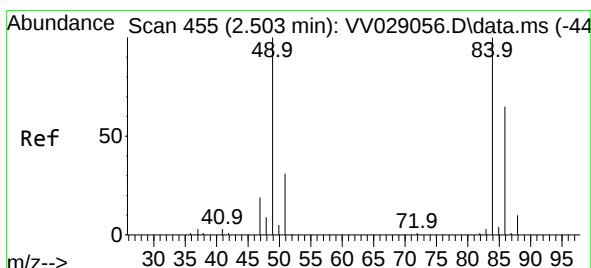
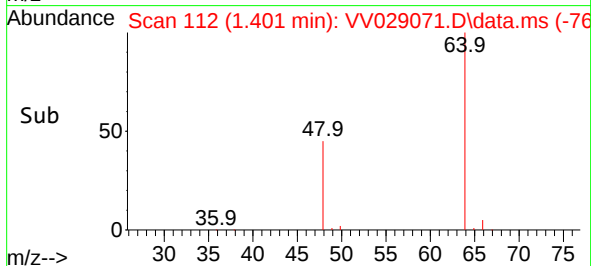
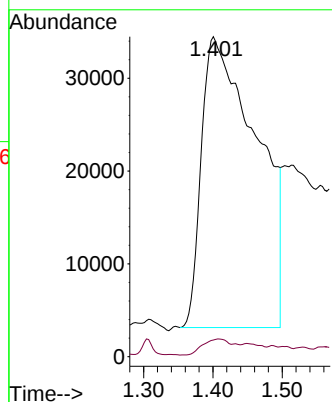
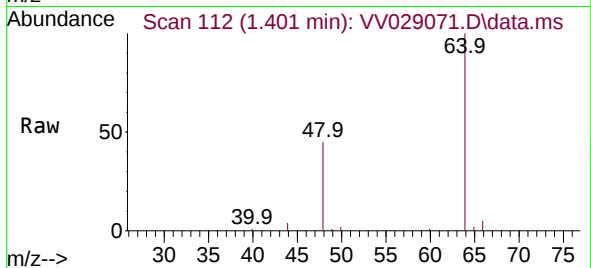




#8
Chloroethane
Concen: 13.971 ug/L
RT: 1.401 min Scan# 112
Delta R.T. -0.183 min
Lab File: VV029071.D
Acq: 17 Nov 2022 18:14

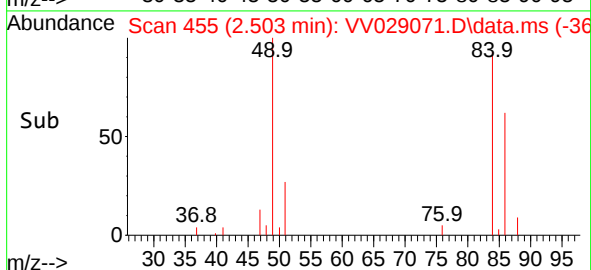
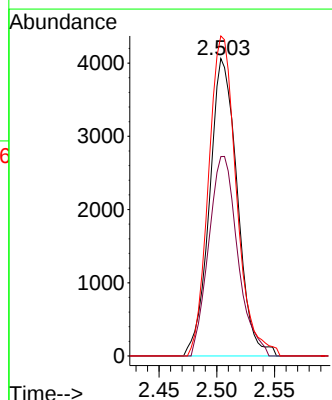
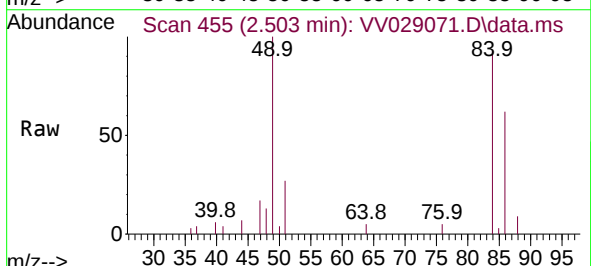
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

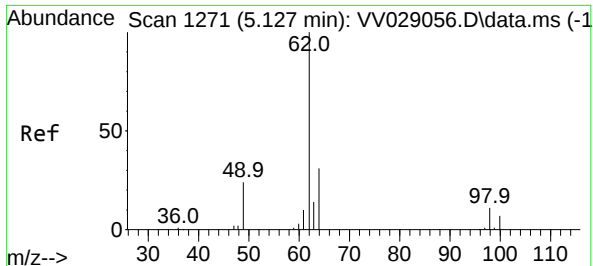
Tgt Ion: 64 Resp: 173693
Ion Ratio Lower Upper
64 100
66 5.2 22.0 40.8#



#16
Methylene chloride
Concen: 0.323 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.000 min
Lab File: VV029071.D
Acq: 17 Nov 2022 18:14

Tgt Ion: 84 Resp: 6784
Ion Ratio Lower Upper
84 100
86 67.1 45.8 85.0
49 107.6 75.5 140.1





#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.047 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV029071.D

Acq: 17 Nov 2022 18:14

Instrument :

MSVOA_V

ClientSampleId :

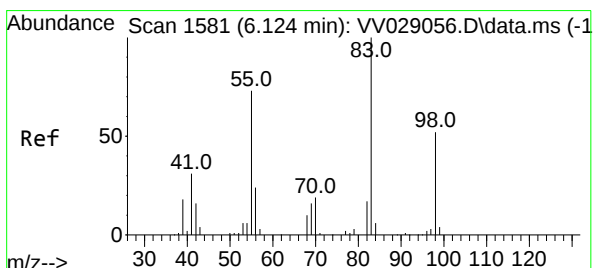
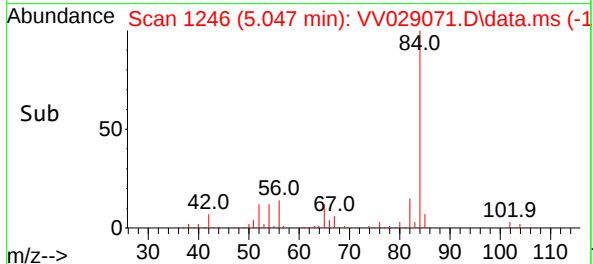
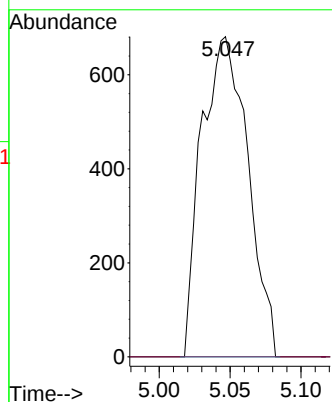
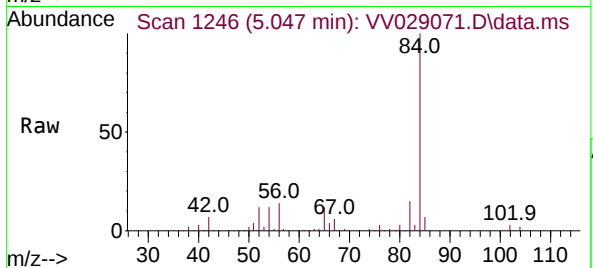
VHBLK001

Tgt Ion: 62 Resp: 1552

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#



#35

Methylcyclohexane

Concen: 0.701 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV029071.D

Acq: 17 Nov 2022 18:14

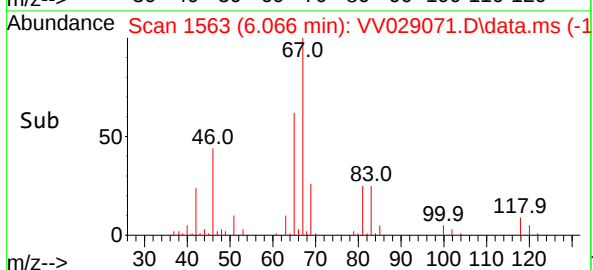
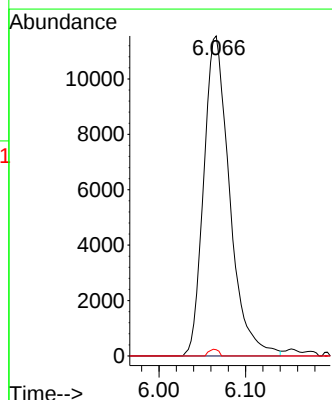
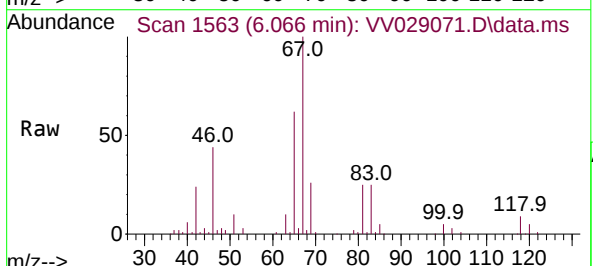
Tgt Ion: 83 Resp: 23994

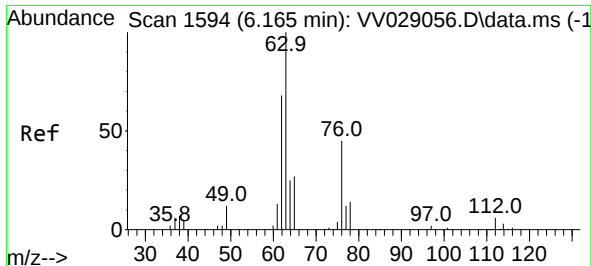
Ion Ratio Lower Upper

83 100

55 0.0 55.8 83.6#

98 0.8 38.2 57.2#





#37

1,2-Dichloropropane

Concen: 0.599 ug/L

RT: 6.063 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV029071.D

Acq: 17 Nov 2022 18:14

Instrument :

MSVOA_V

ClientSampleId :

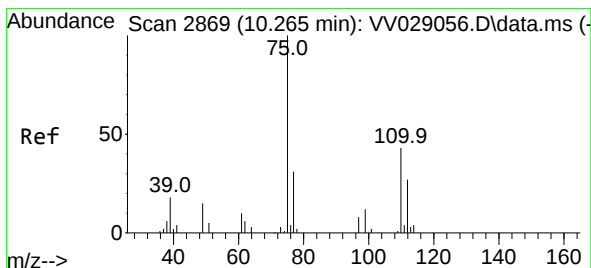
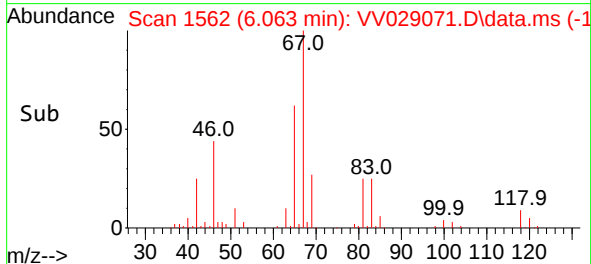
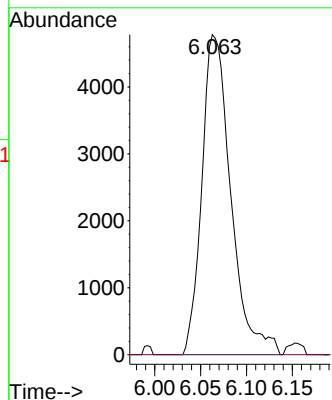
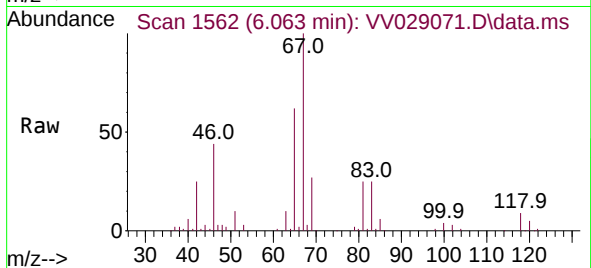
VHBLK001

Tgt Ion: 63 Resp: 10511

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#61

1,2,3-Trichloropropane

Concen: 1.397 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV029071.D

Acq: 17 Nov 2022 18:14

Tgt Ion: 75 Resp: 11312

Ion Ratio Lower Upper

75 100

77 34.2 26.2 39.2

110 2.7 32.6 48.8#

