

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111522\
 Data File : VV028978.D
 Acq On : 15 Nov 2022 10:56
 Operator : SY/MD
 Sample : VV1115WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK263

Quant Time: Nov 16 03:17:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 16 03:16:14 2022
 Response via : Initial Calibration

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

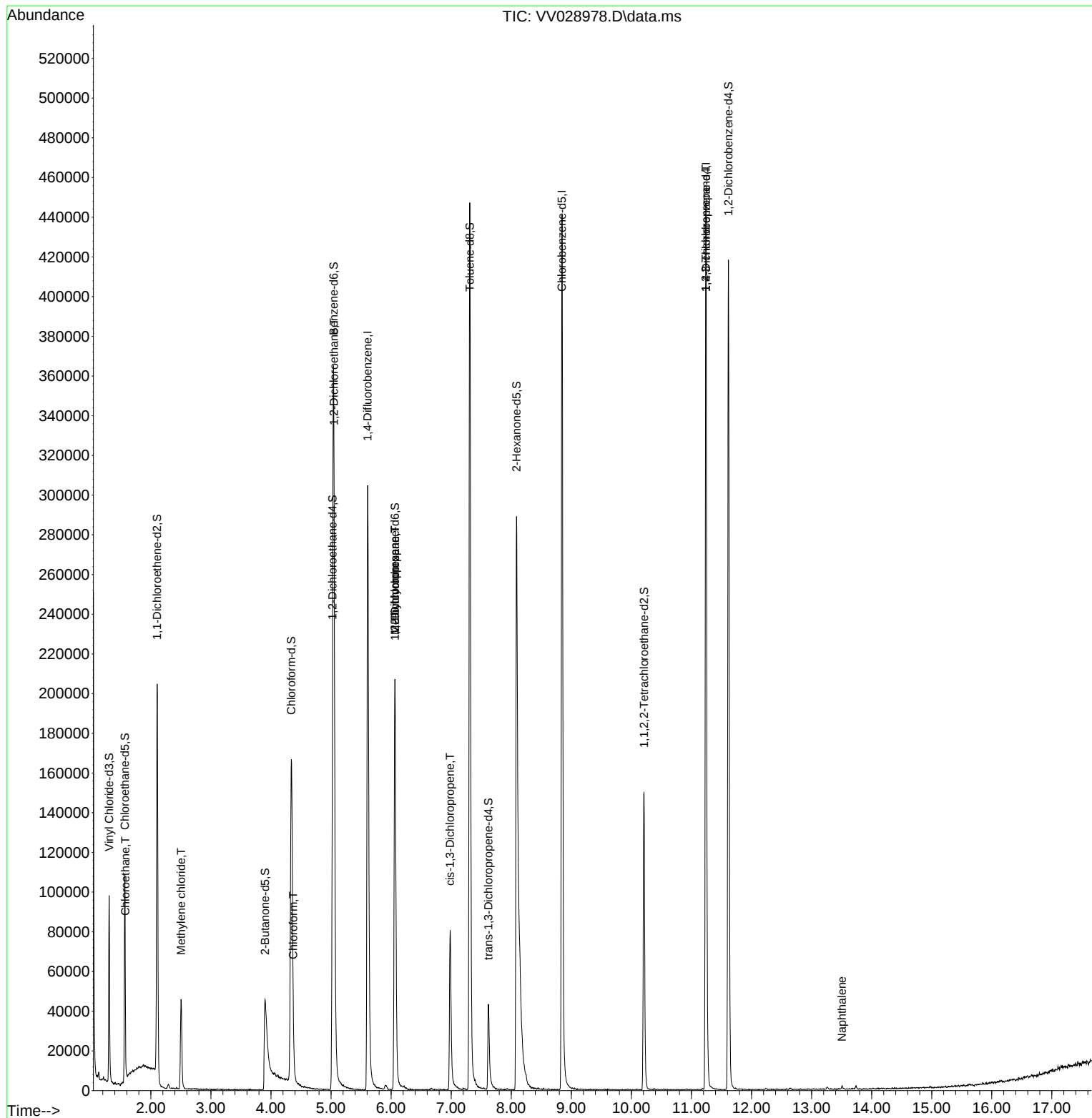
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	290836	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	272930	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	128983	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	64416	3.633	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.568	69	67271	4.316	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.105	63	98222	3.040	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.800%
20) 2-Butanone-d5	3.902	46	115504	38.916	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.840%
24) Chloroform-d	4.339	84	181317	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.024	65	82232	5.021	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.400%
32) Benzene-d6	5.043	84	363451	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.063	67	110230	4.846	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.000%
41) Toluene-d8	7.310	98	319669	4.359	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.619	79	29497	3.976	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.600%
46) 2-Hexanone-d5	8.088	63	159859	50.478	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.960%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	76643	4.859	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.615	152	119863	5.194	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
8) Chloroethane	1.574	64	3141	0.233	ug/L #	54
16) Methylene chloride	2.503	84	21009	0.923	ug/L	93
25) Chloroform	4.371	83	3903	0.112	ug/L	92
27) 1,2-Dichloroethane	5.050	62	1846	0.102	ug/L #	70
35) Methylcyclohexane	6.063	83	26766	0.713	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	11192	0.582	ug/L #	85
39) cis-1,3-Dichloropropene	6.982	75	2036	0.076	ug/L #	57
61) 1,2,3-Trichloropropane	11.239	75	14215	1.613	ug/L #	66
71) Naphthalene	13.506	128	2098	0.071	ug/L #	85

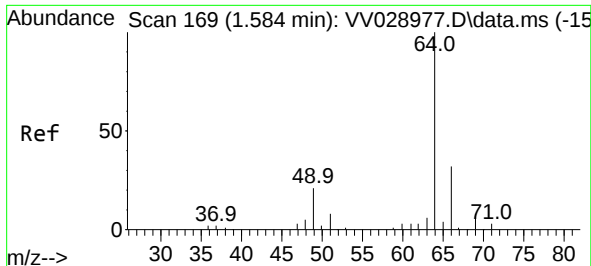
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#8

Chloroethane

Concen: 0.233 ug/L

RT: 1.574 min Scan# 1

Delta R.T. -0.010 min

Lab File: VV028978.D

Acq: 15 Nov 2022 10:56

Instrument :

MSVOA_V

ClientSampleId :

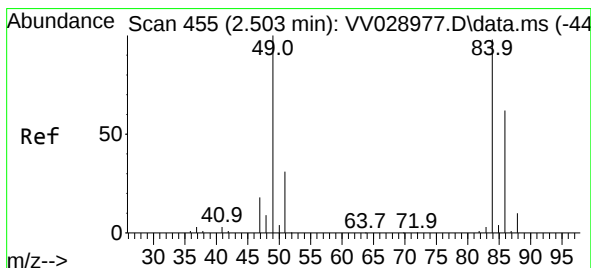
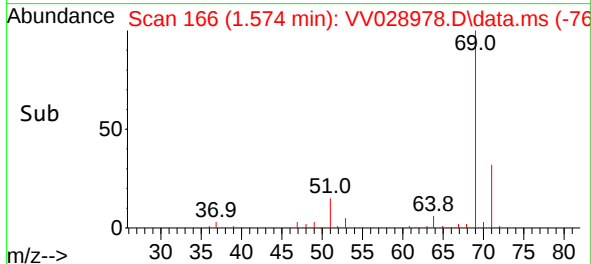
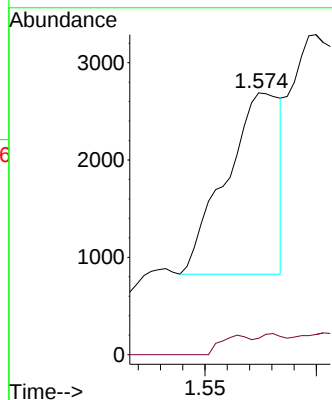
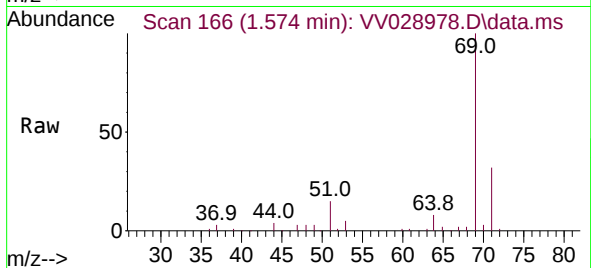
VBLK263

Tgt Ion: 64 Resp: 3141

Ion Ratio Lower Upper

64 100

66 6.2 22.0 40.8#



#16

Methylene chloride

Concen: 0.923 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.000 min

Lab File: VV028978.D

Acq: 15 Nov 2022 10:56

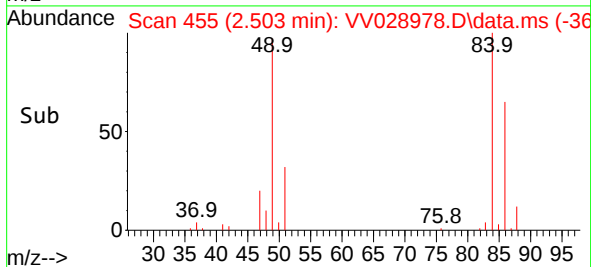
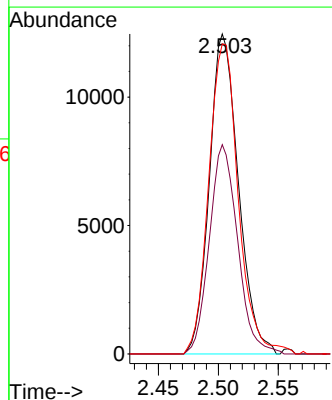
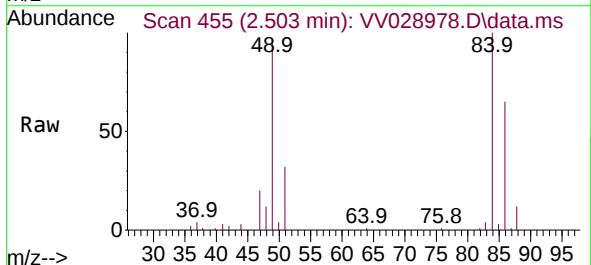
Tgt Ion: 84 Resp: 21009

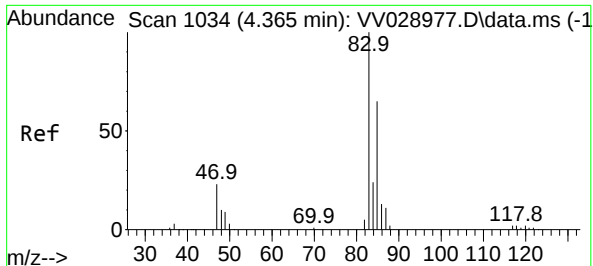
Ion Ratio Lower Upper

84 100

86 65.4 45.8 85.0

49 96.9 75.5 140.1





#25

Chloroform

Concen: 0.112 ug/L

RT: 4.371 min Scan# 1

Delta R.T. 0.006 min

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ClientSampleId :

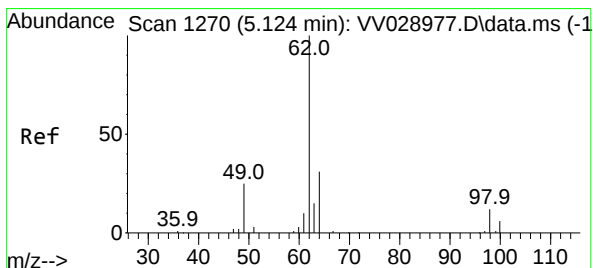
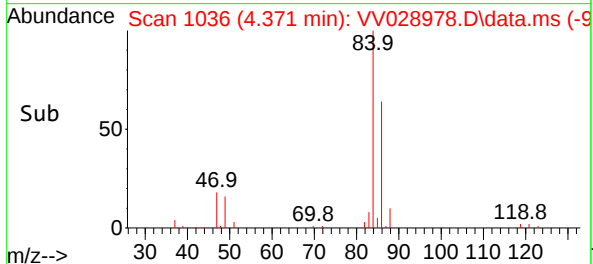
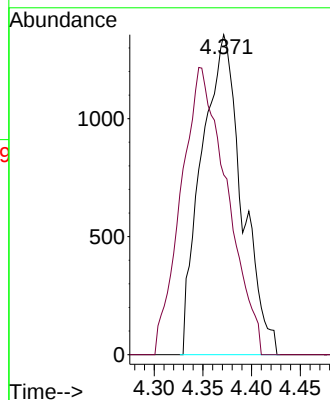
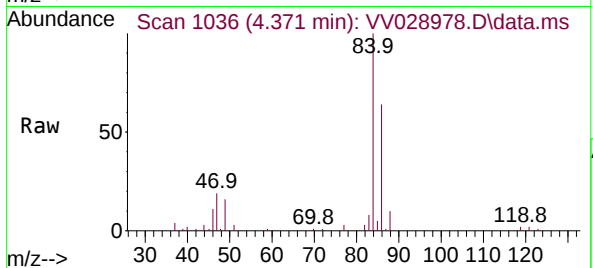
VBLK263

Tgt Ion: 83 Resp: 3903

Ion Ratio Lower Upper

83 100

85 56.2 43.7 81.1



#27

1,2-Dichloroethane

Concen: 0.102 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.074 min

Lab File: VV028978.D

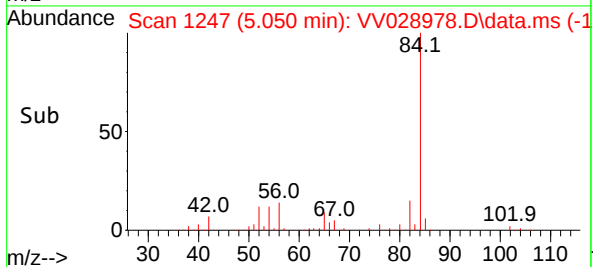
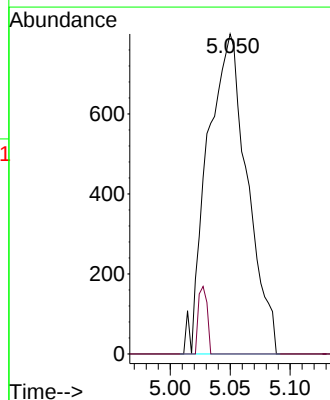
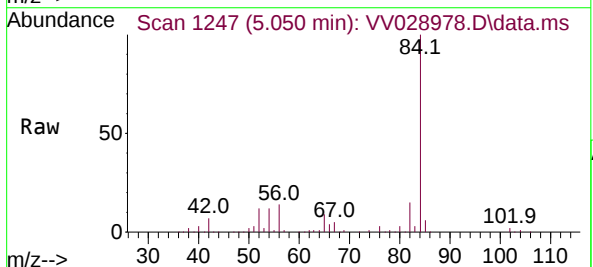
Acq: 15 Nov 2022 10:56

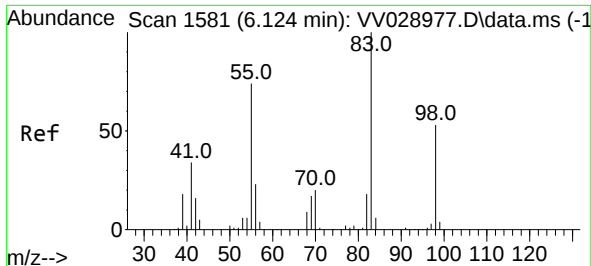
Tgt Ion: 62 Resp: 1846

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.6#

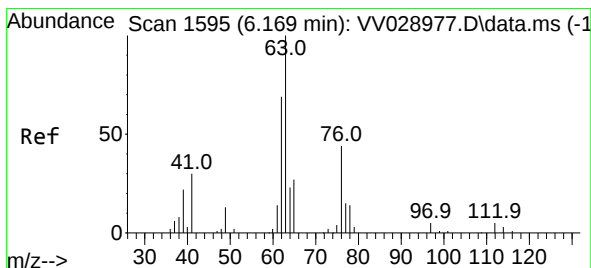
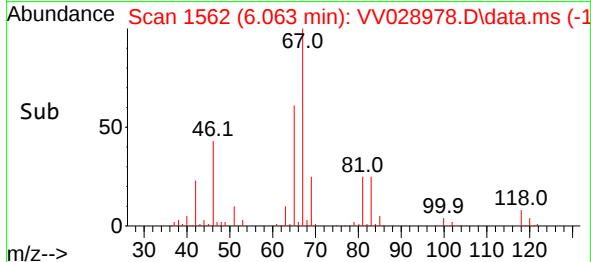
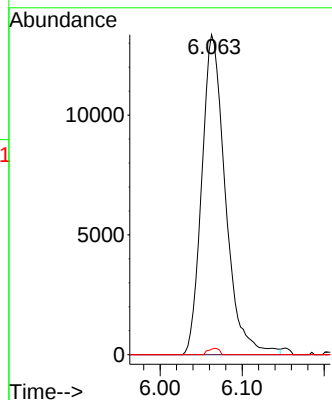
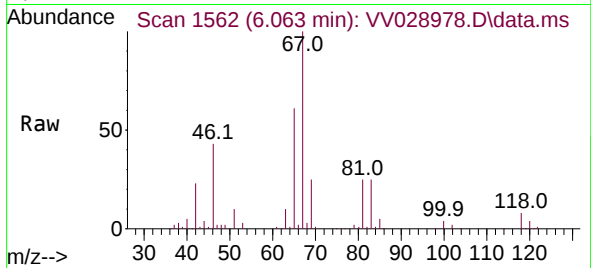




#35
Methylcyclohexane
Concen: 0.713 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV028978.D
Acq: 15 Nov 2022 10:56

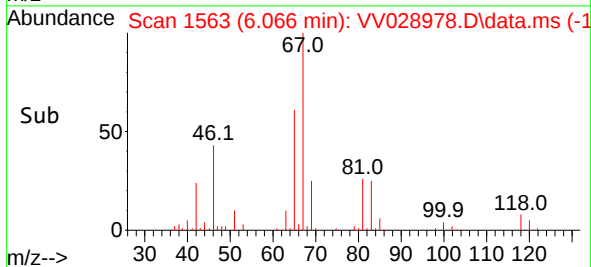
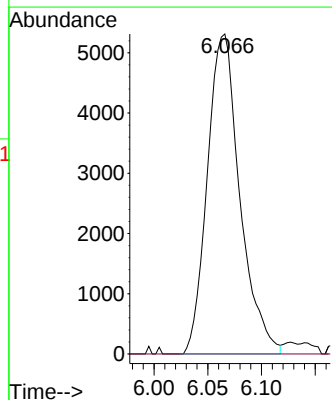
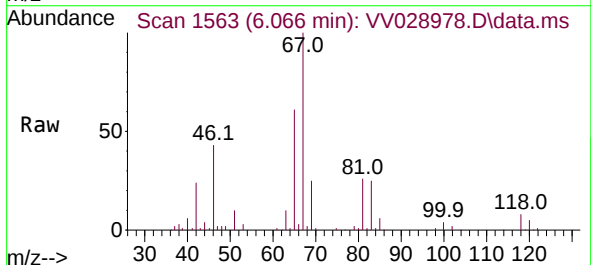
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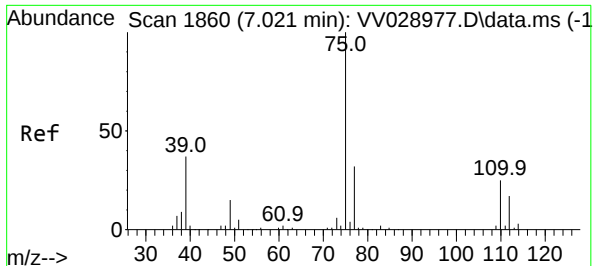
Tgt Ion: 83 Resp: 26766
Ion Ratio Lower Upper
83 100
55 0.0 55.8 83.6#
98 0.9 38.2 57.2#



#37
1,2-Dichloropropane
Concen: 0.582 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV028978.D
Acq: 15 Nov 2022 10:56

Tgt Ion: 63 Resp: 11192
Ion Ratio Lower Upper
63 100
112 0.0 4.0 6.0#





#39

cis-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 6.982 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV028978.D

Acq: 15 Nov 2022 10:56

Instrument :

MSVOA_V

ClientSampleId :

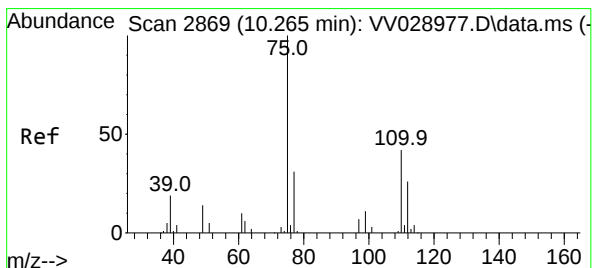
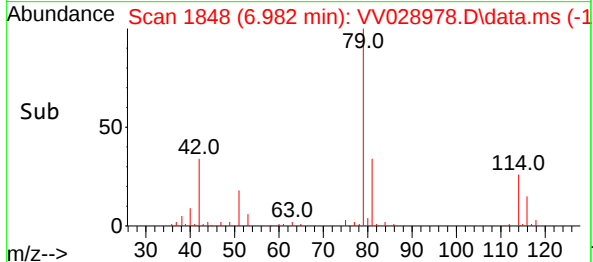
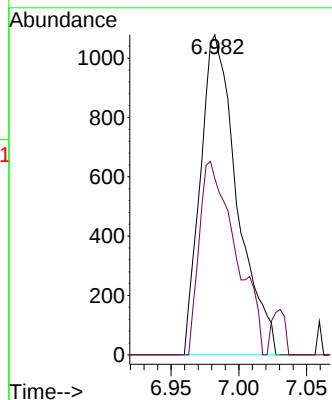
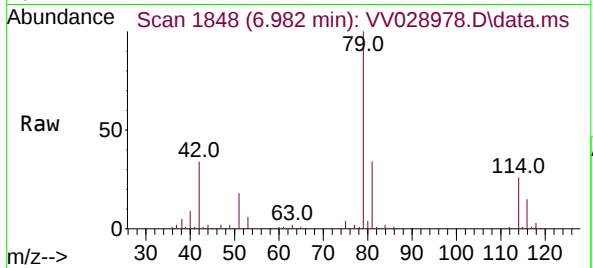
VBLK263

Tgt Ion: 75 Resp: 2036

Ion Ratio Lower Upper

75 100

77 55.1 21.8 40.6#



#61

1,2,3-Trichloropropane

Concen: 1.613 ug/L

RT: 11.239 min Scan# 3172

Delta R.T. 0.974 min

Lab File: VV028978.D

Acq: 15 Nov 2022 10:56

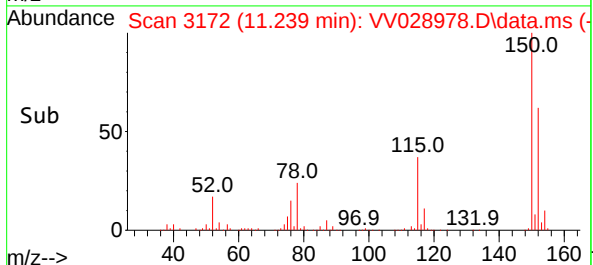
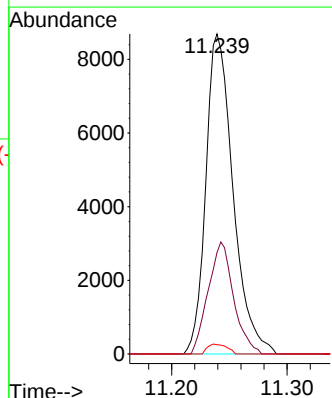
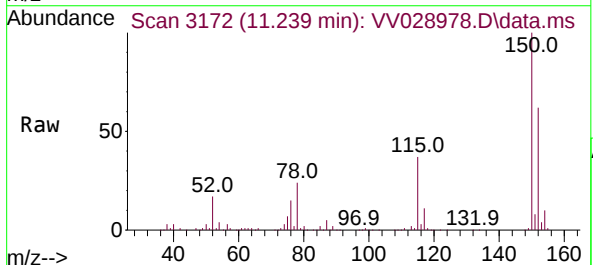
Tgt Ion: 75 Resp: 14215

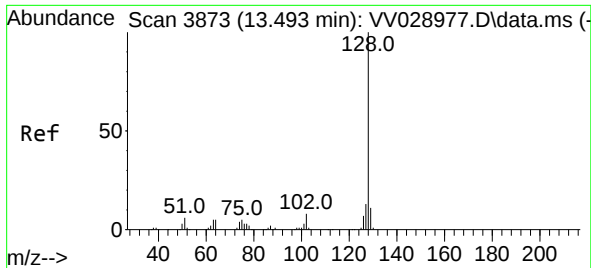
Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.2

110 2.2 32.6 48.8#





#71

Naphthalene

Concen: 0.071 ug/L

RT: 13.506 min Scan# 3877

Delta R.T. 0.013 min

Lab File: VV028978.D

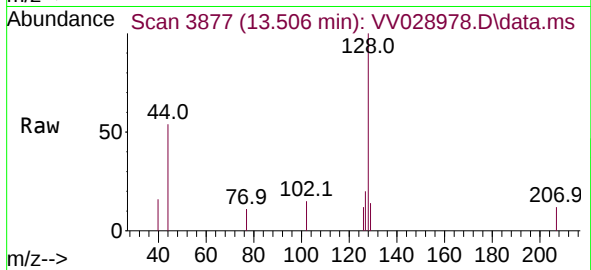
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Tgt Ion:128 Resp: 2098

Ion Ratio Lower Upper

128 100

129 4.3 8.8 13.2#

127 7.6 9.8 14.8#

