

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031822\
 Data File : VW025090.D
 Acq On : 18 Mar 2022 11:32
 Operator : SY/MD
 Sample : N1934-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VHBLK001

Quant Time: Mar 19 00:54:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

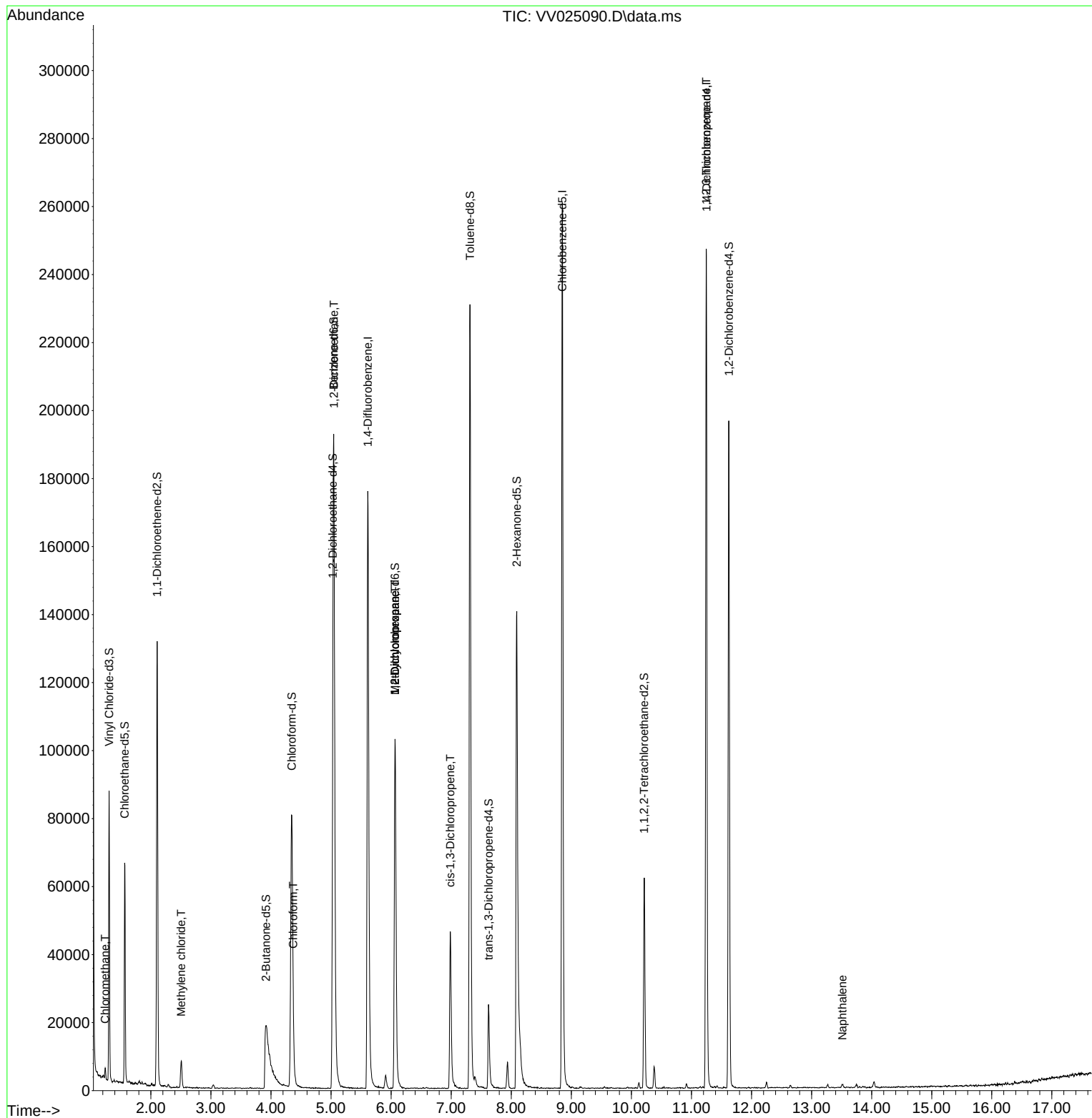
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	158766	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	149807	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64749	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	54214	4.325	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.564	69	41995	4.575	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.105	63	67278	3.321	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.400%
20) 2-Butanone-d5	3.915	46	42206	27.862	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	55.720%
24) Chloroform-d	4.346	84	89288	4.295	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.030	65	38650	4.447	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.043	84	187188	4.307	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.200%
36) 1,2-Dichloropropane-d6	6.066	67	55222	4.419	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.313	98	158426	4.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.000%
43) trans-1,3-Dichloroprop...	7.622	79	16624	3.816	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.400%
46) 2-Hexanone-d5	8.091	63	59884	40.300	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30706	4.177	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	49860	4.549	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	2301	0.174	ug/L	98
16) Methylene chloride	2.506	84	3884	0.317	ug/L	83
25) Chloroform	4.371	83	2296	0.106	ug/L	99
27) 1,2-Dichloroethane	5.047	62	879	0.082	ug/L #	71
35) Methylcyclohexane	6.066	83	13276	0.646	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	5556	0.496	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	1190	0.077	ug/L #	40
61) 1,2,3-Trichloropropane	11.246	75	8675	1.593	ug/L #	65
71) Naphthalene	13.512	128	1360	0.070	ug/L #	82

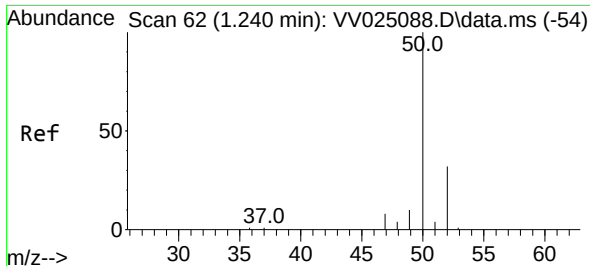
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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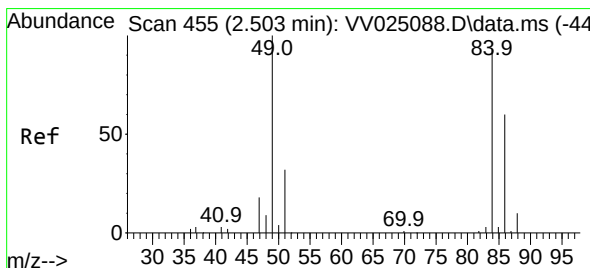
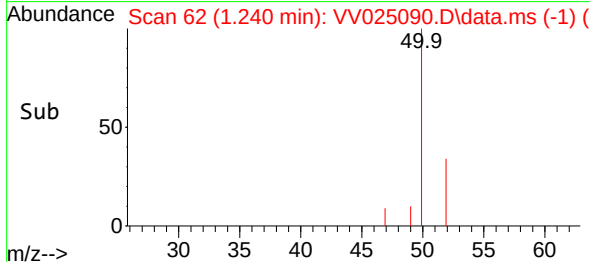
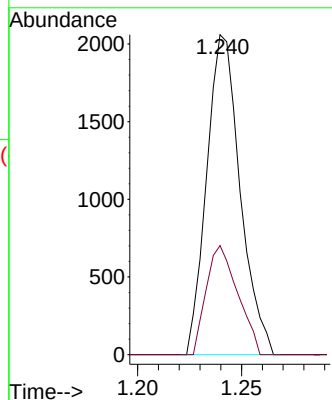
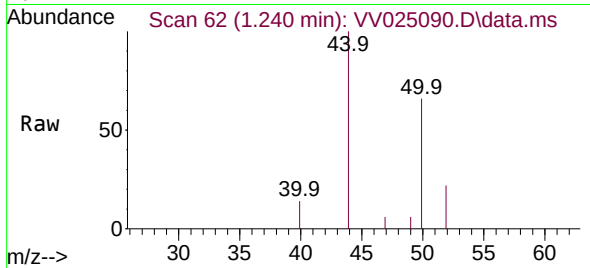




#3
Chloromethane
Concen: 0.174 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025090.D
Acq: 18 Mar 2022 11:32

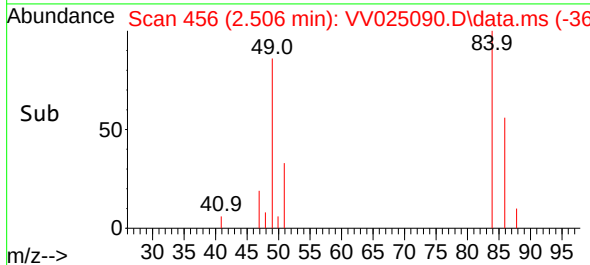
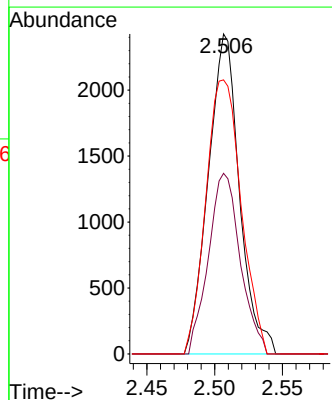
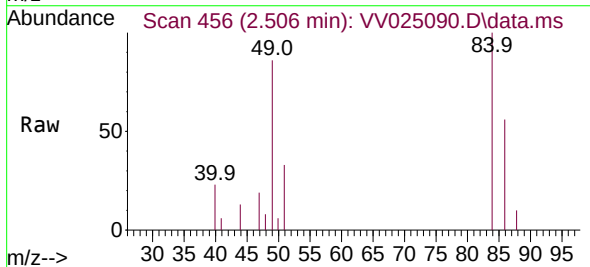
Instrument :
MSVOA_V
ClientSampleId :
VHBLK001

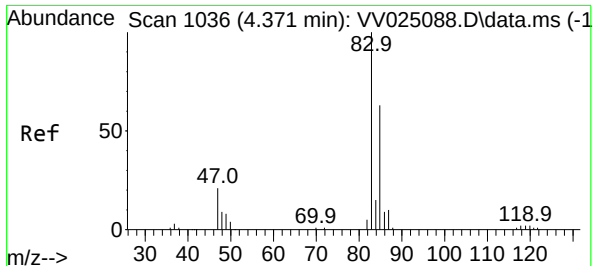
Tgt Ion: 50 Resp: 2301
Ion Ratio Lower Upper
50 100
52 34.1 23.2 43.2



#16
Methylene chloride
Concen: 0.317 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.003 min
Lab File: VV025090.D
Acq: 18 Mar 2022 11:32

Tgt Ion: 84 Resp: 3884
Ion Ratio Lower Upper
84 100
86 56.5 45.5 84.5
49 85.7 75.0 139.2





#25

Chloroform

Concen: 0.106 ug/L

RT: 4.371 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV025090.D

Acq: 18 Mar 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

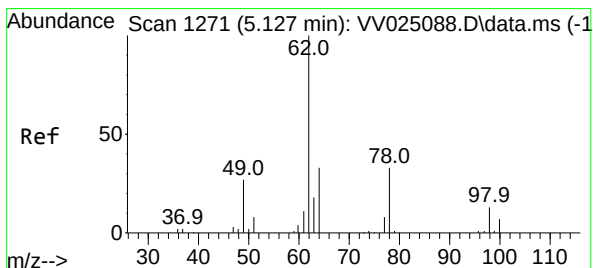
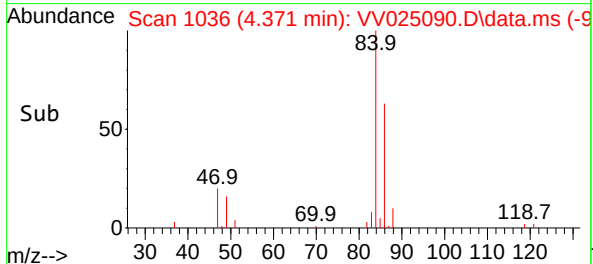
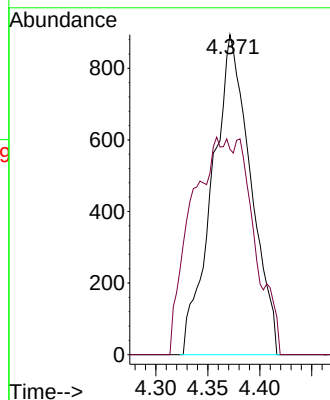
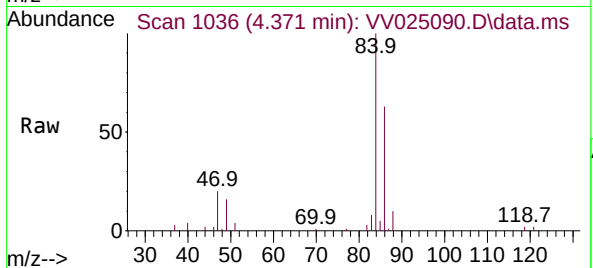
VHBLK001

Tgt Ion: 83 Resp: 2296

Ion Ratio Lower Upper

83 100

85 64.2 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.082 ug/L

RT: 5.047 min Scan# 1246

Delta R.T. -0.080 min

Lab File: VV025090.D

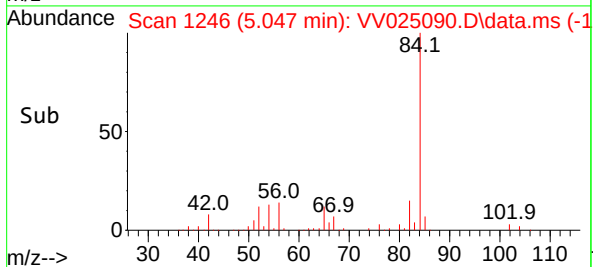
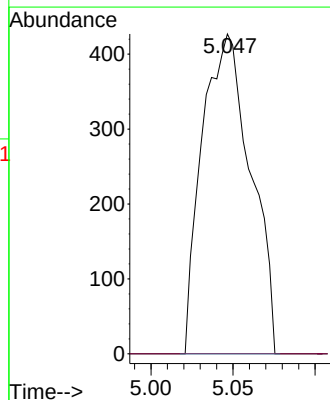
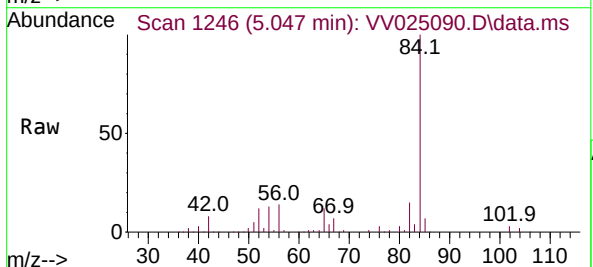
Acq: 18 Mar 2022 11:32

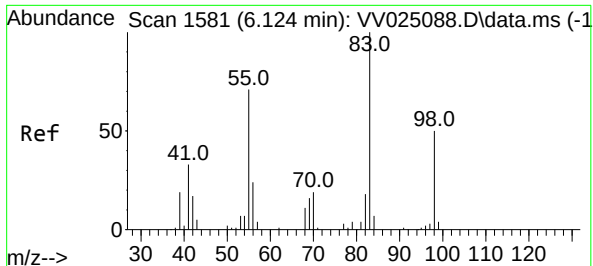
Tgt Ion: 62 Resp: 879

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#





#35

Methylcyclohexane

Concen: 0.646 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.058 min

Lab File: VV025090.D

Acq: 18 Mar 2022 11:32

Instrument :

MSVOA_V

ClientSampleId :

VHBLK001

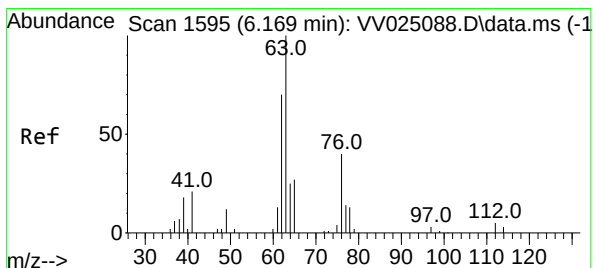
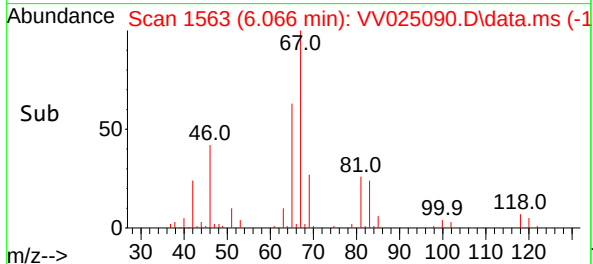
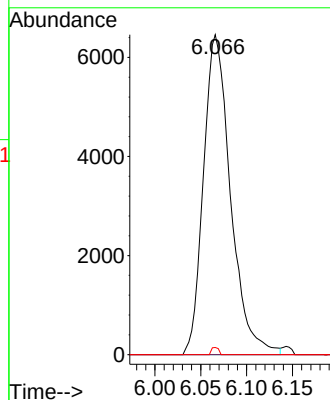
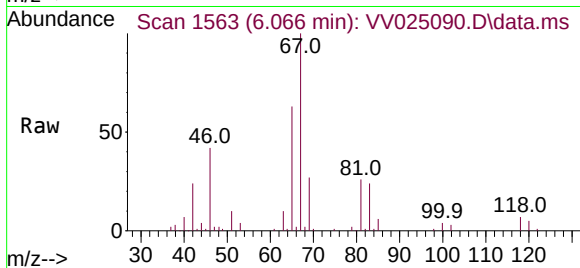
Tgt Ion: 83 Resp: 13276

Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 0.6 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 0.496 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.103 min

Lab File: VV025090.D

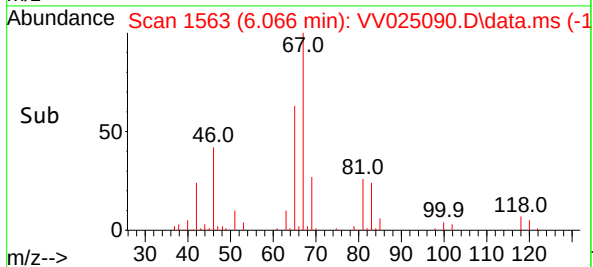
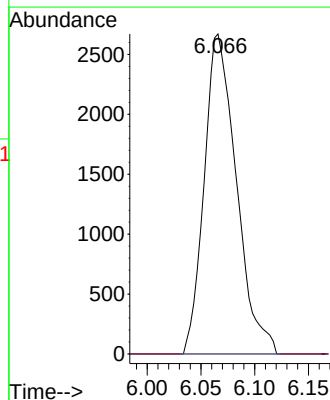
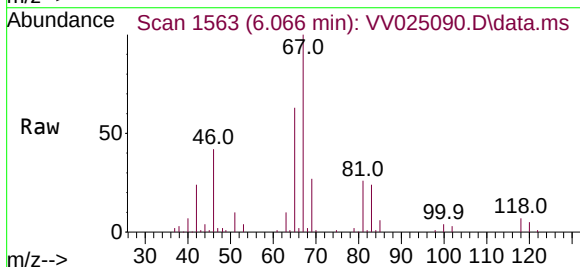
Acq: 18 Mar 2022 11:32

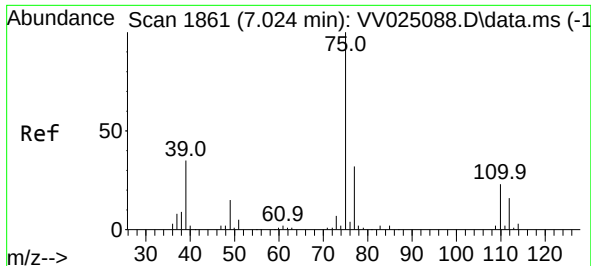
Tgt Ion: 63 Resp: 5556

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.077 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025090.D

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ClientSampleId :

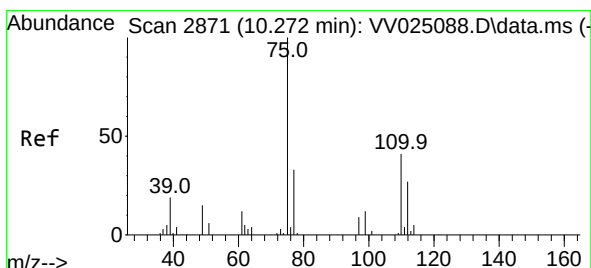
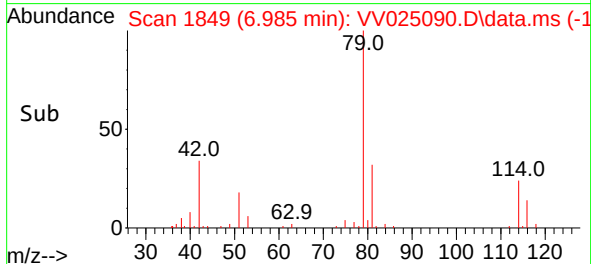
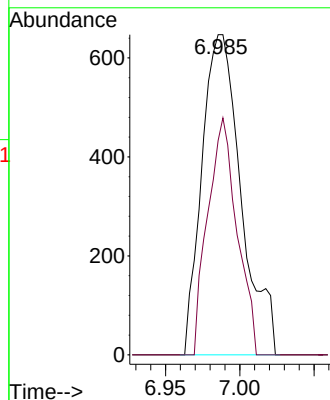
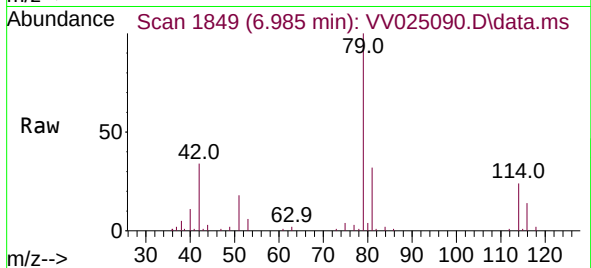
VHBLK001

Tgt Ion: 75 Resp: 1190

Ion Ratio Lower Upper

75 100

77 66.9 23.0 42.8#



#61

1,2,3-Trichloropropane

Concen: 1.593 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025090.D

Acq: 18 Mar 2022 11:32

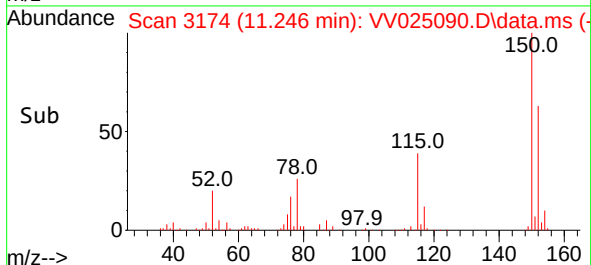
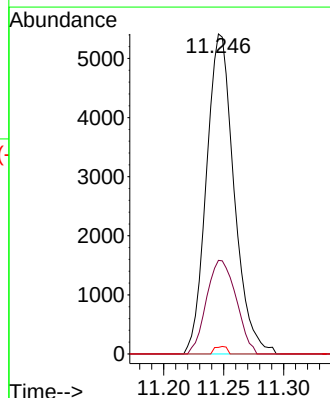
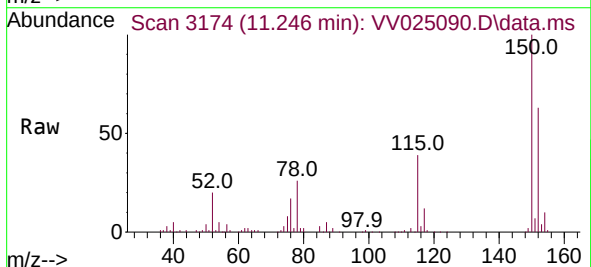
Tgt Ion: 75 Resp: 8675

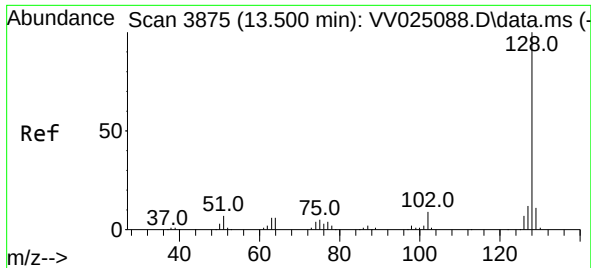
Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

110 1.0 31.2 46.8#





#71

Naphthalene

Concen: 0.070 ug/L

RT: 13.512 min Scan# 3879

Delta R.T. 0.013 min

Lab File: VV025090.D

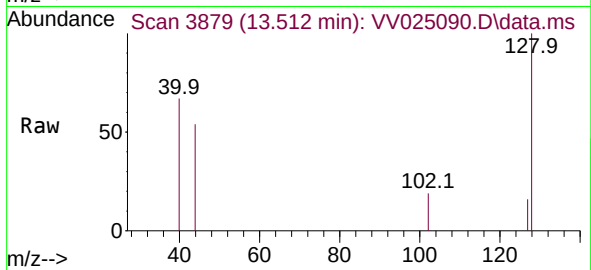
Acq: 18 Mar 2022 11:32

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Tgt Ion:128 Resp: 1360

Ion Ratio Lower Upper

128 100

129 0.0 8.5 12.7#

127 9.0 9.8 14.8#

