

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV033122\
 Data File : VV025326.D
 Acq On : 31 Mar 2022 10:58
 Operator : SY/MD
 Sample : VV0331WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK331

Quant Time: Apr 01 01:32:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 01 01:30:42 2022
 Response via : Initial Calibration

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

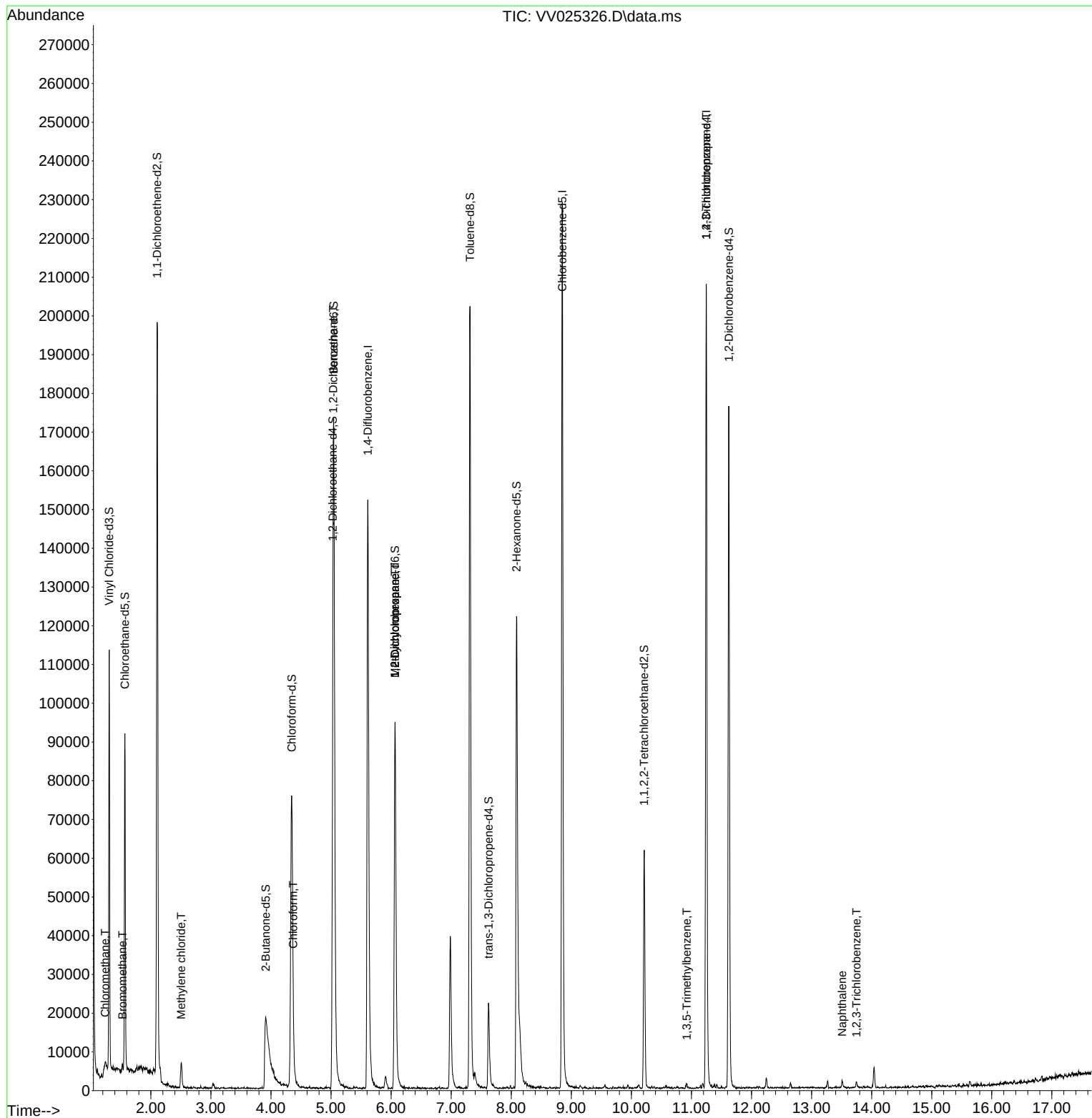
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	138461	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	129741	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	54353	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68362	5.286	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	105.800%	
7) Chloroethane-d5	1.568	69	54847	5.053	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	101.000%	
11) 1,1-Dichloroethene-d2	2.105	63	102941	3.674	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	73.400%	
20) 2-Butanone-d5	3.912	46	58060	45.066	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	90.140%	
24) Chloroform-d	4.346	84	82423	4.883	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
26) 1,2-Dichloroethane-d4	5.030	65	37886	5.078	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	101.600%	
32) Benzene-d6	5.043	84	162041	4.937	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.800%	
36) 1,2-Dichloropropane-d6	6.066	67	46421	5.046	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.000%	
41) Toluene-d8	7.313	98	136186	4.524	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	90.400%	
43) trans-1,3-Dichloroprop...	7.622	79	14169	4.722	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.400%	
46) 2-Hexanone-d5	8.088	63	47032	43.395	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	86.780%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29416	4.796	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	45182	5.176	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.600%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	1064	0.065	ug/L	99
6) Bromomethane	1.526	94	819	0.076	ug/L	93
16) Methylene chloride	2.503	84	2793	0.255	ug/L	85
25) Chloroform	4.371	83	1644	0.089	ug/L #	67
27) 1,2-Dichloroethane	5.037	62	875	0.091	ug/L #	73
35) Methylcyclohexane	6.066	83	11693	0.714	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	5036	0.570	ug/L #	84
61) 1,2,3-Trichloropropane	11.246	75	6600	1.605	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.924	105	613	0.038	ug/L	95
71) Naphthalene	13.509	128	1917	0.134	ug/L #	81
72) 1,2,3-Trichlorobenzene	13.747	180	594	0.075	ug/L	86

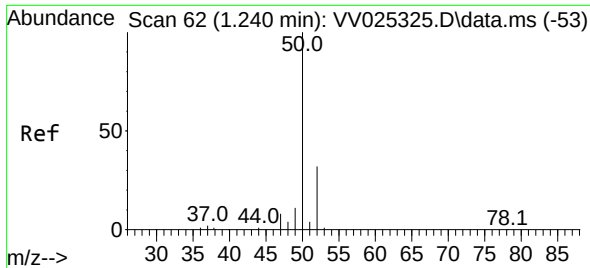
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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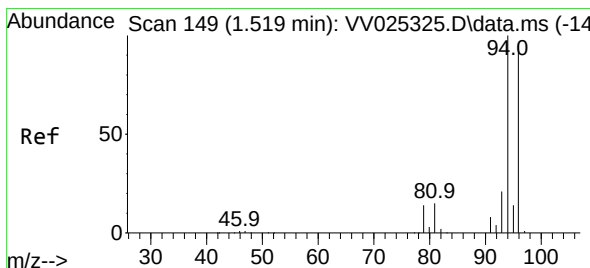
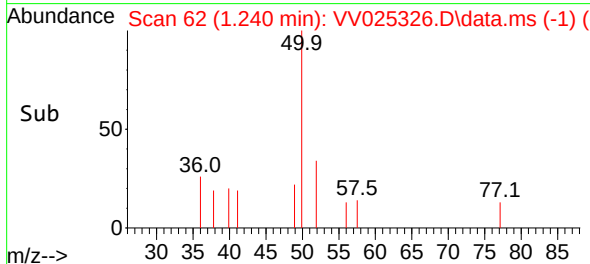
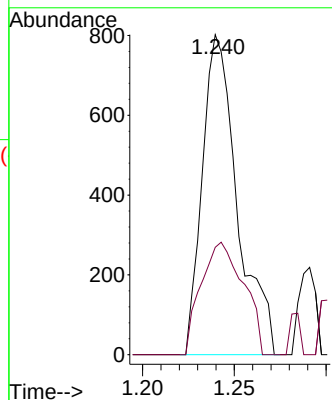
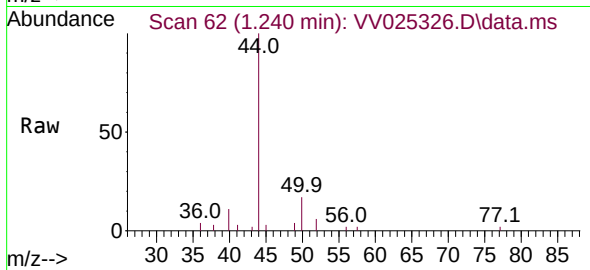




#3
Chloromethane
Concen: 0.065 ug/L
RT: 1.240 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025326.D
Acq: 31 Mar 2022 10:58

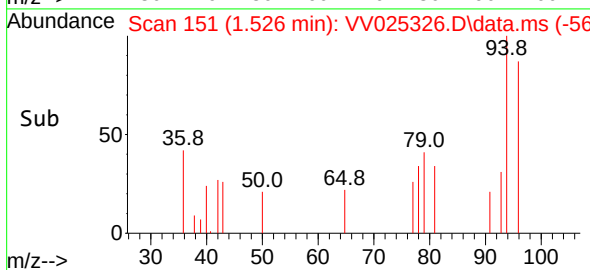
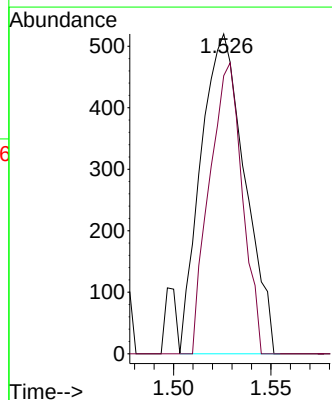
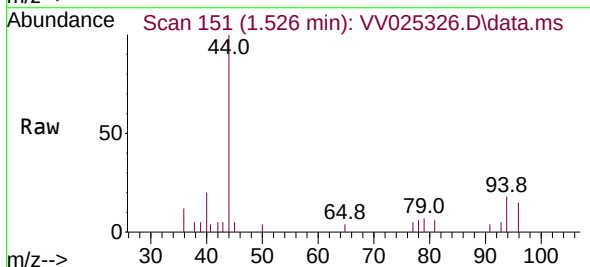
Instrument :
MSVOA_V
ClientSampleId :
VBLK331

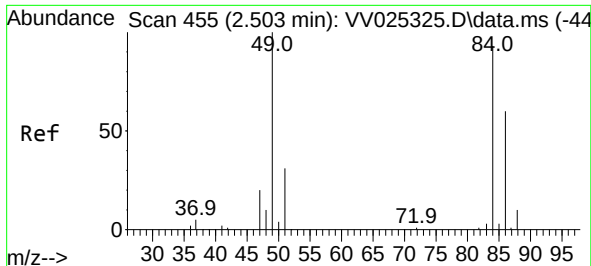
Tgt Ion: 50 Resp: 1064
Ion Ratio Lower Upper
50 100
52 33.5 22.9 42.5



#6
Bromomethane
Concen: 0.076 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.006 min
Lab File: VV025326.D
Acq: 31 Mar 2022 10:58

Tgt Ion: 94 Resp: 819
Ion Ratio Lower Upper
94 100
96 86.9 65.5 121.7

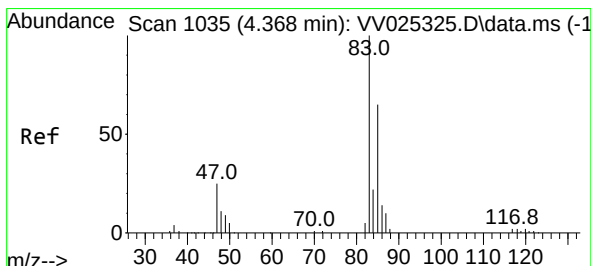
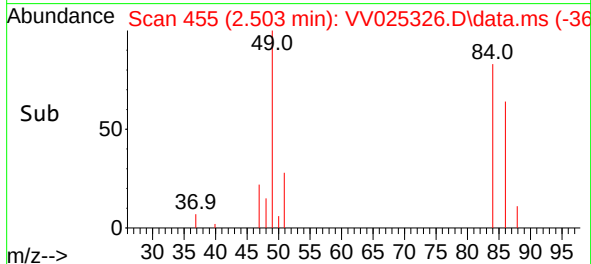
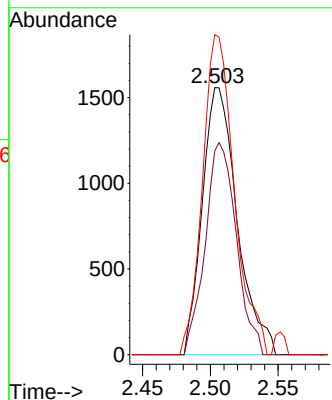
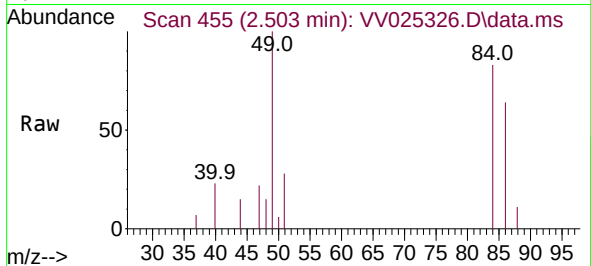




#16
Methylene chloride
Concen: 0.255 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV025326.D
Acq: 31 Mar 2022 10:58

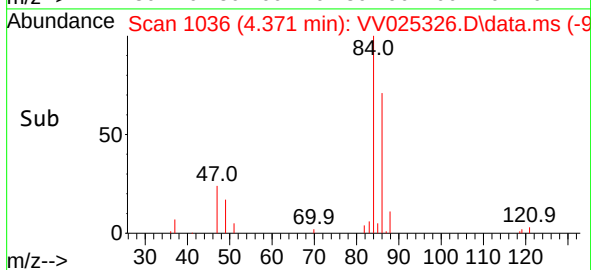
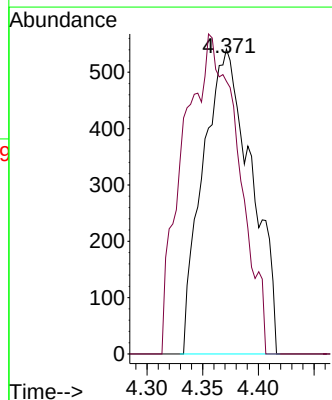
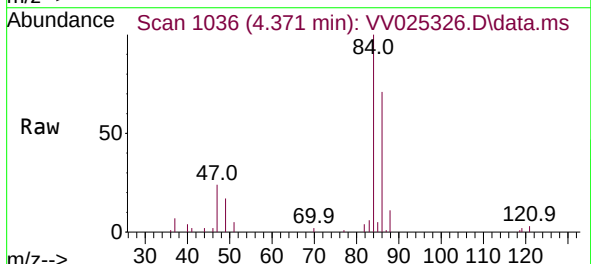
Instrument :
MSVOA_V
ClientSampleId :
VBLK331

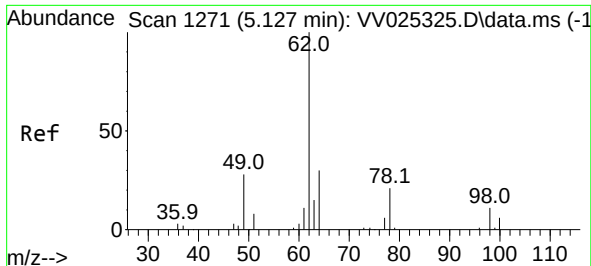
Tgt Ion: 84 Resp: 2793
Ion Ratio Lower Upper
84 100
86 76.3 43.5 80.7
49 119.8 74.5 138.3



#25
Chloroform
Concen: 0.089 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. 0.003 min
Lab File: VV025326.D
Acq: 31 Mar 2022 10:58

Tgt Ion: 83 Resp: 1644
Ion Ratio Lower Upper
83 100
85 89.5 44.7 82.9#





#27

1,2-Dichloroethane

Concen: 0.091 ug/L

RT: 5.037 min Scan# 1

Delta R.T. -0.090 min

Lab File: VV025326.D

Acq: 31 Mar 2022 10:58

Instrument :

MSVOA_V

ClientSampleId :

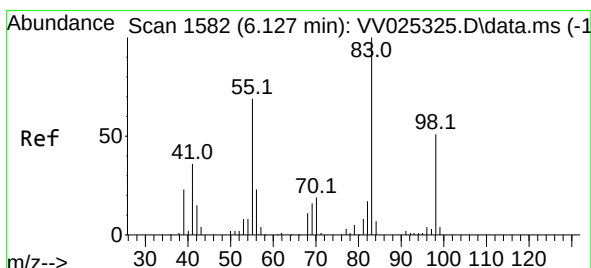
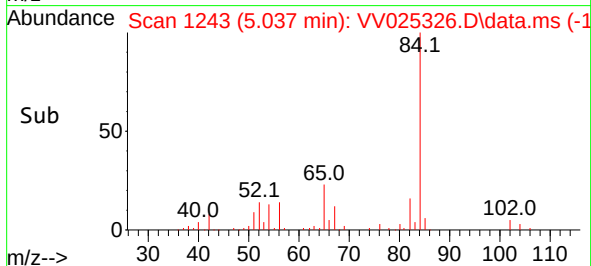
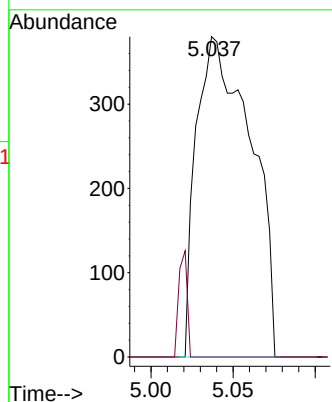
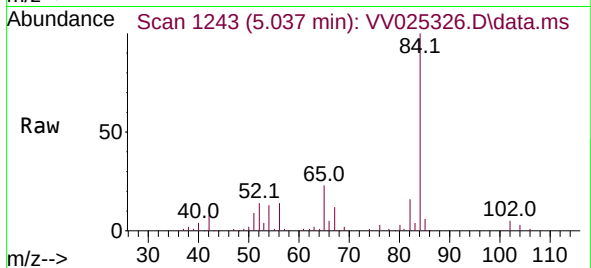
VBLK331

Tgt Ion: 62 Resp: 875

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 0.714 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.061 min

Lab File: VV025326.D

Acq: 31 Mar 2022 10:58

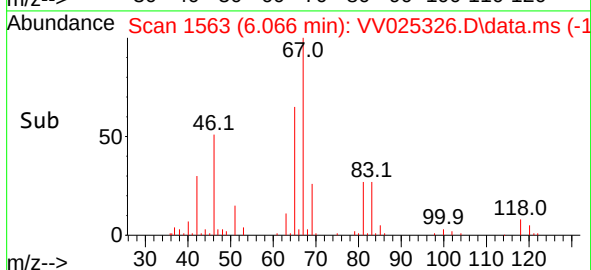
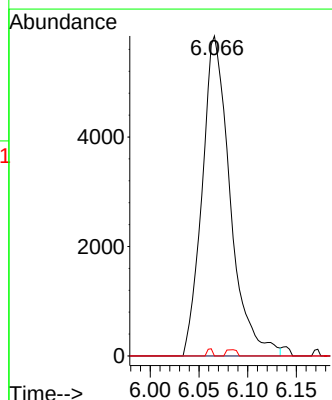
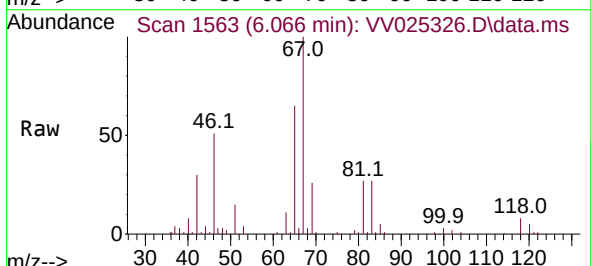
Tgt Ion: 83 Resp: 11693

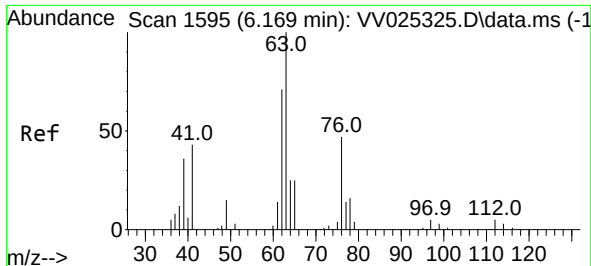
Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 0.4 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV025326.D

Acq: 31 Mar 2022 10:58

Instrument :

MSVOA_V

ClientSampleId :

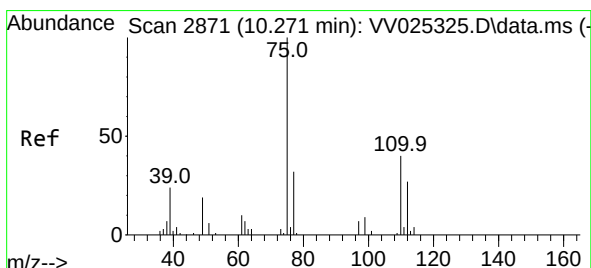
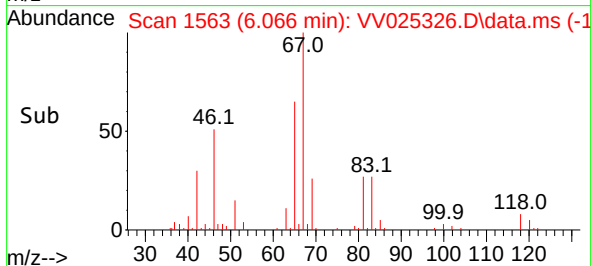
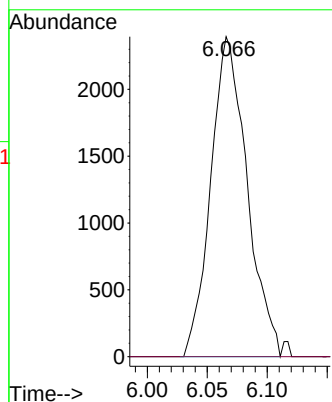
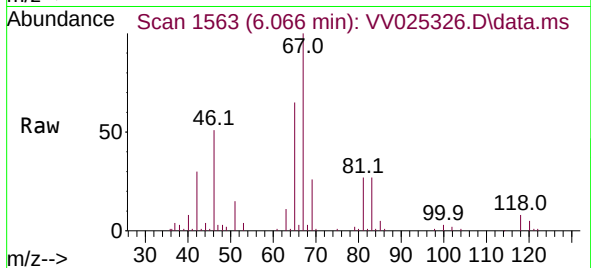
VBLK331

Tgt Ion: 63 Resp: 5036

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#61

1,2,3-Trichloropropane

Concen: 1.605 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025326.D

Acq: 31 Mar 2022 10:58

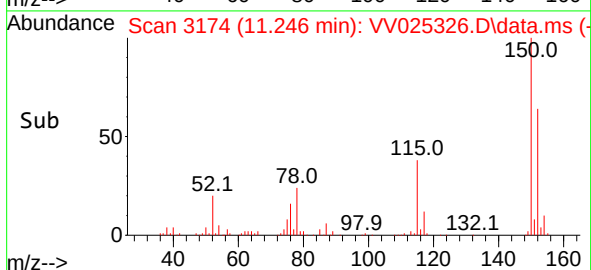
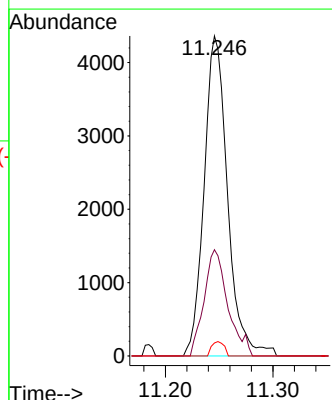
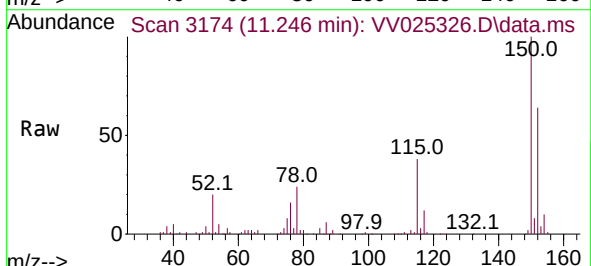
Tgt Ion: 75 Resp: 6600

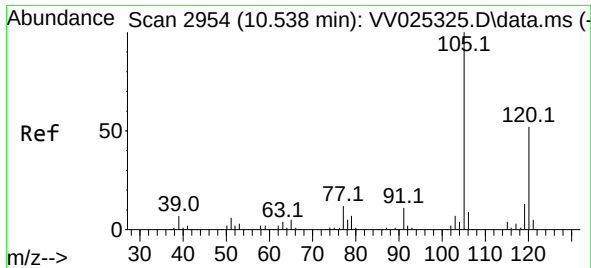
Ion Ratio Lower Upper

75 100

77 33.6 25.8 38.6

110 2.4 31.6 47.4#

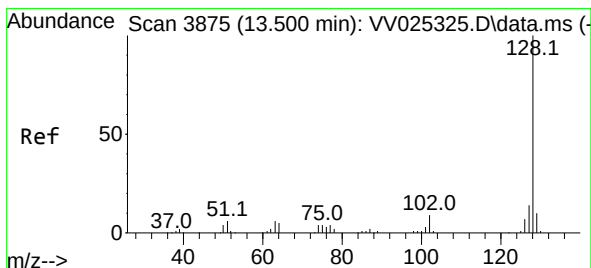
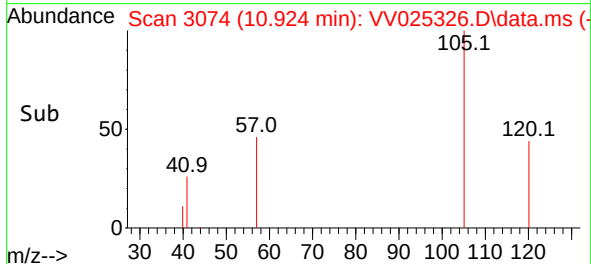
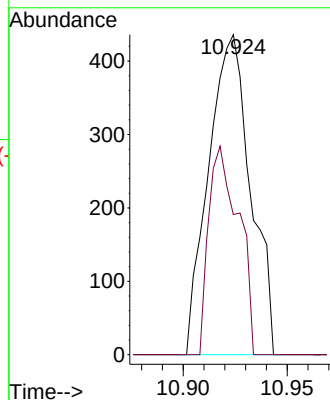
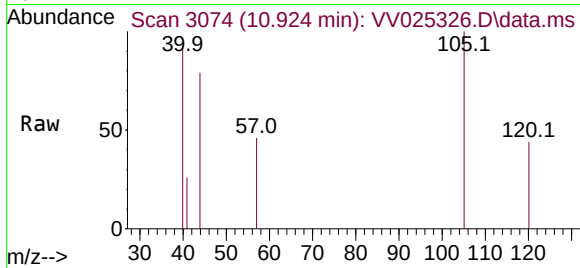




#62
1,3,5-Trimethylbenzene
Concen: 0.038 ug/L
RT: 10.924 min Scan# 3074
Delta R.T. 0.386 min
Lab File: VV025326.D
Acq: 31 Mar 2022 10:58

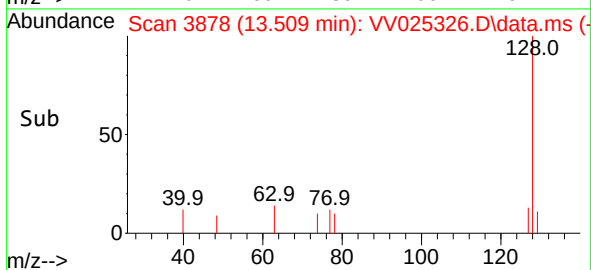
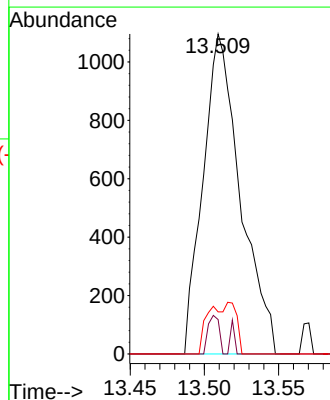
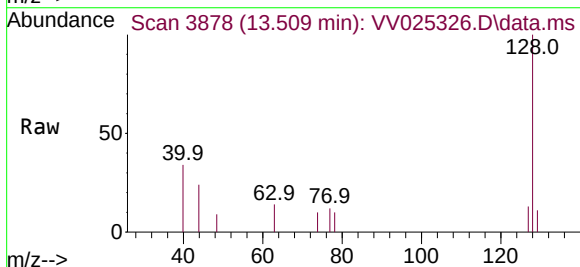
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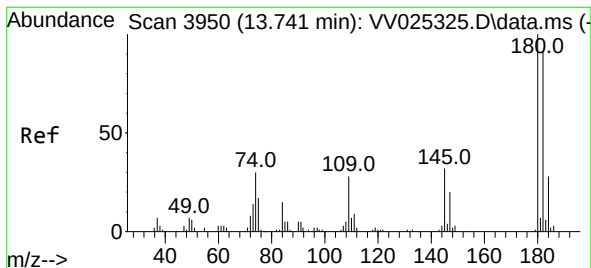
Tgt Ion:105 Resp: 613
Ion Ratio Lower Upper
105 100
120 46.3 39.7 59.5



#71
Naphthalene
Concen: 0.134 ug/L
RT: 13.509 min Scan# 3878
Delta R.T. 0.010 min
Lab File: VV025326.D
Acq: 31 Mar 2022 10:58

Tgt Ion:128 Resp: 1917
Ion Ratio Lower Upper
128 100
129 3.5 8.8 13.2#
127 5.7 10.6 16.0#





#72

1,2,3-Trichlorobenzene

Concen: 0.075 ug/L

RT: 13.747 min Scan# 3952

Delta R.T. 0.006 min

Lab File: VV025326.D

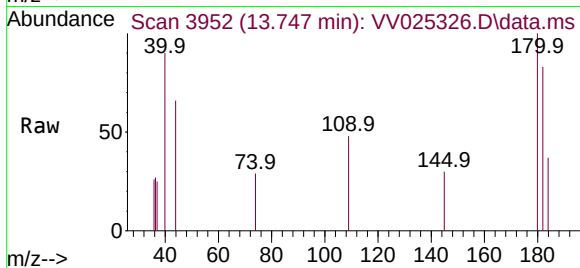
Acq: 31 Mar 2022 10:58

Instrument :

MSVOA_V

ClientSampleId :

VBLK331



Tgt Ion:180 Resp: 594

Ion Ratio Lower Upper

180 100

182 109.9 75.8 113.6

145 40.4 28.6 42.8

