

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032522\
 Data File : VV025170.D
 Acq On : 25 Mar 2022 11:22
 Operator : SY/MD
 Sample : VV0325WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK324

Quant Time: Mar 25 23:20:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 25 23:19:44 2022
 Response via : Initial Calibration

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

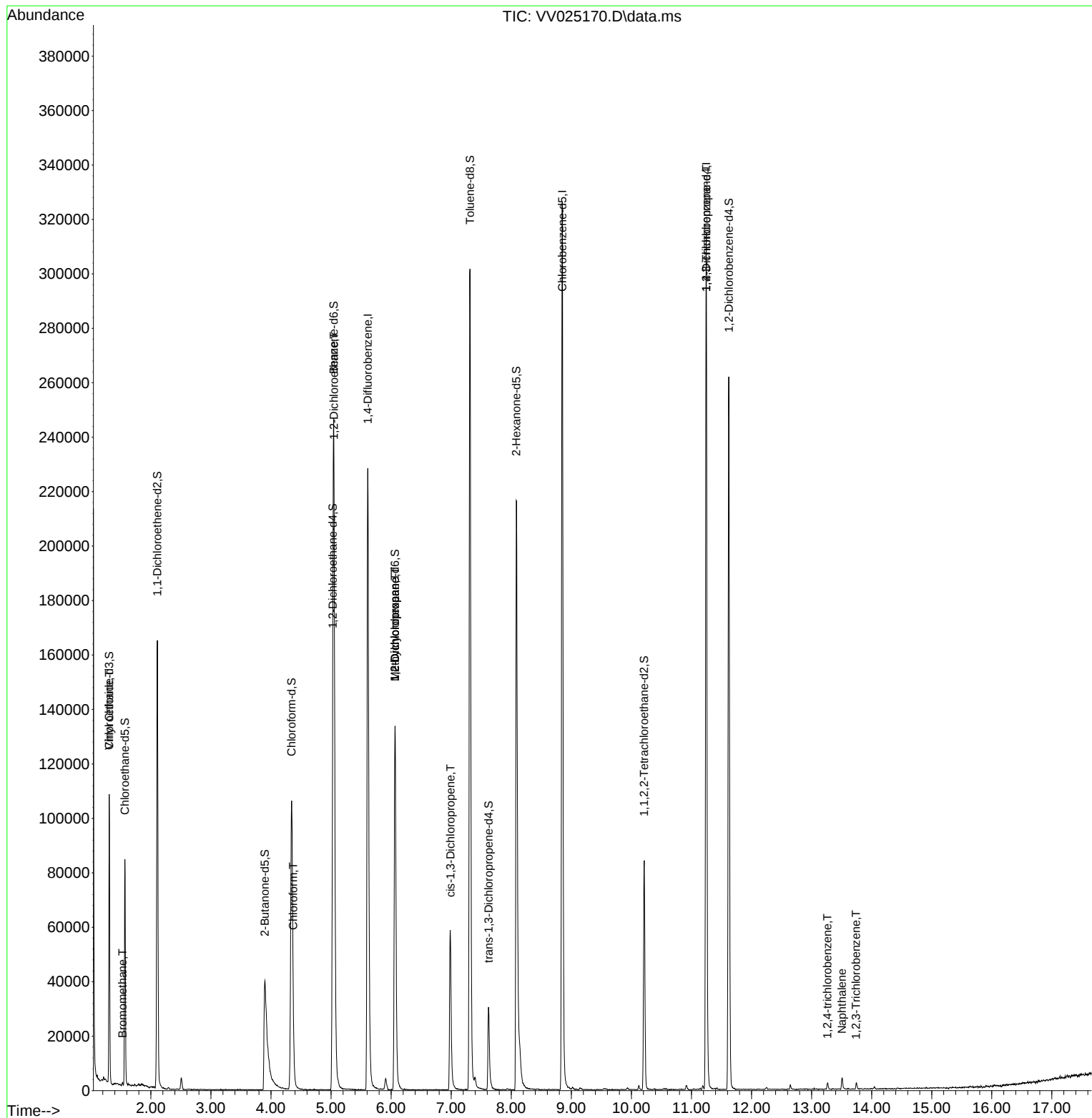
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	212418	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	197750	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	83800	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64786	3.863	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.200%
7) Chloroethane-d5	1.568	69	54494	4.437	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.108	63	84043	3.101	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.000%
20) 2-Butanone-d5	3.899	46	102088	50.371	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.740%
24) Chloroform-d	4.343	84	117904	4.239	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.027	65	50541	4.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.000%
32) Benzene-d6	5.044	84	246329	4.294	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.066	67	70878	4.297	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.000%
41) Toluene-d8	7.314	98	213876	4.091	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	7.622	79	20818	3.620	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.085	63	84732	43.198	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.400%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43566	4.489	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	69442	4.895	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
6) Bromomethane	1.529	94	587	0.049	ug/L	94
8) Chloroethane	1.307	64	827	0.073	ug/L #	1
25) Chloroform	4.368	83	2677	0.093	ug/L	84
27) 1,2-Dichloroethane	5.050	62	1229	0.086	ug/L #	71
35) Methylcyclohexane	6.066	83	17614	0.650	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	7561	0.512	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1356	0.066	ug/L #	75
61) 1,2,3-Trichloropropane	11.246	75	10131	1.438	ug/L #	66
70) 1,2,4-trichlorobenzene	13.265	180	922	0.061	ug/L	87
71) Naphthalene	13.506	128	4456	0.178	ug/L	97
72) 1,2,3-Trichlorobenzene	13.741	180	1015	0.079	ug/L #	89

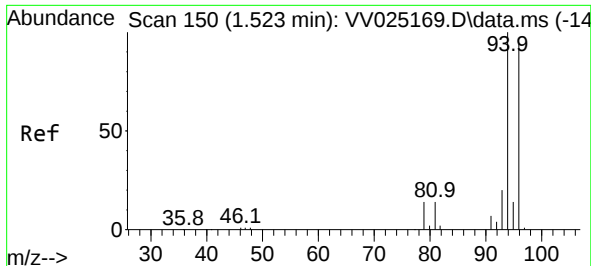
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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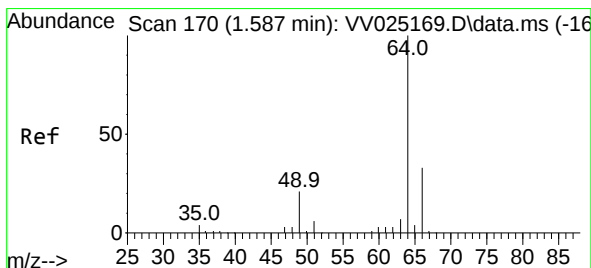
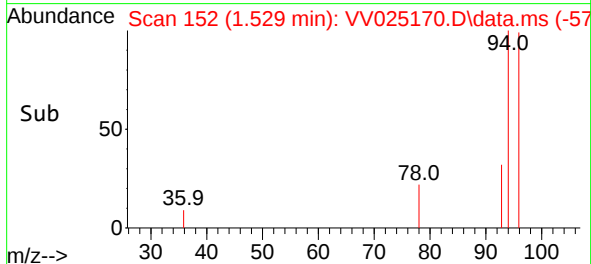
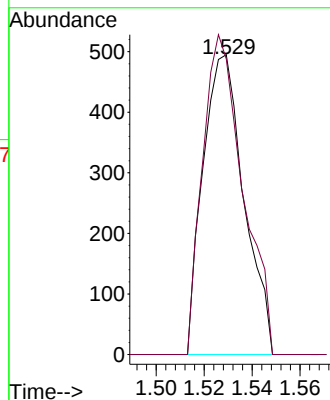
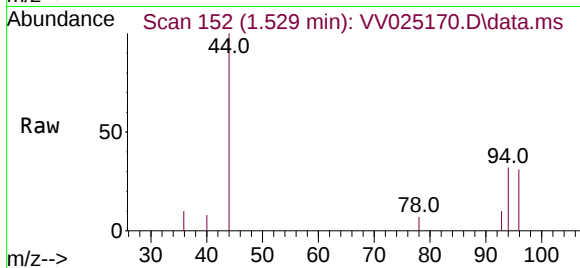




#6
Bromomethane
Concen: 0.049 ug/L
RT: 1.529 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025170.D
Acq: 25 Mar 2022 11:22

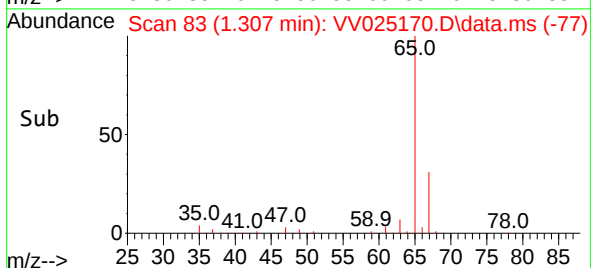
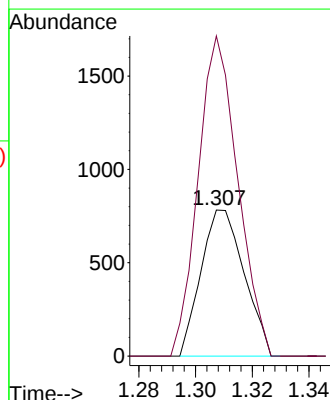
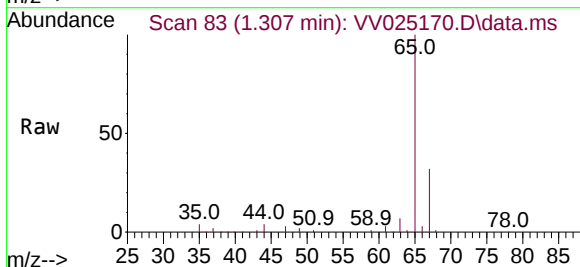
Instrument :
MSVOA_V
ClientSampleId :
VBLK324

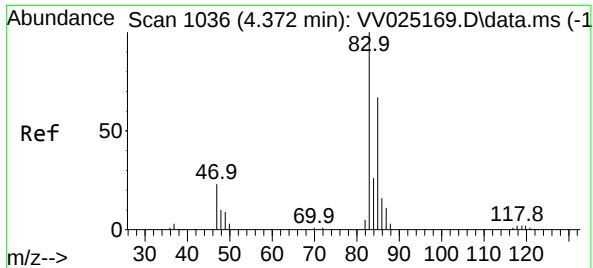
Tgt Ion: 94 Resp: 587
Ion Ratio Lower Upper
94 100
96 98.6 64.9 120.5



#8
Chloroethane
Concen: 0.073 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.280 min
Lab File: VV025170.D
Acq: 25 Mar 2022 11:22

Tgt Ion: 64 Resp: 827
Ion Ratio Lower Upper
64 100
66 219.3 22.5 41.7#

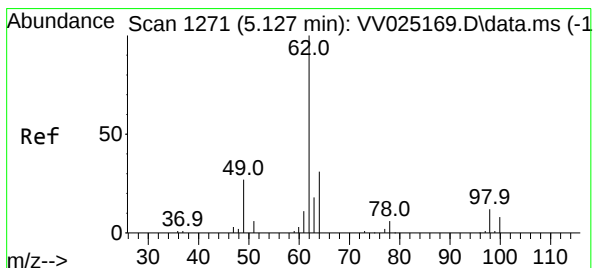
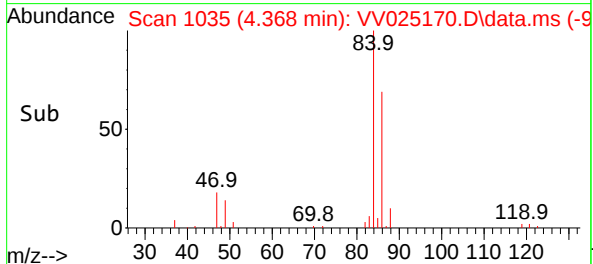
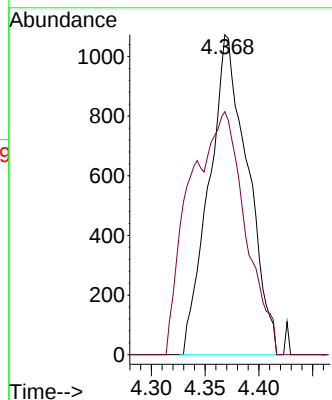
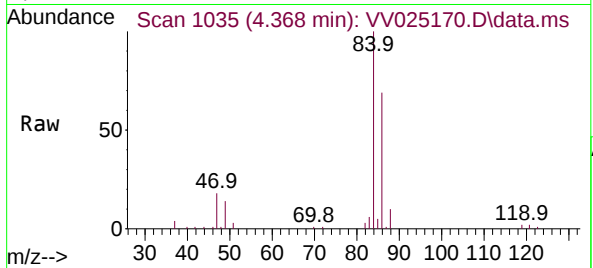




#25
Chloroform
Concen: 0.093 ug/L
RT: 4.368 min Scan# 1035
Delta R.T. -0.003 min
Lab File: VV025170.D
Acq: 25 Mar 2022 11:22

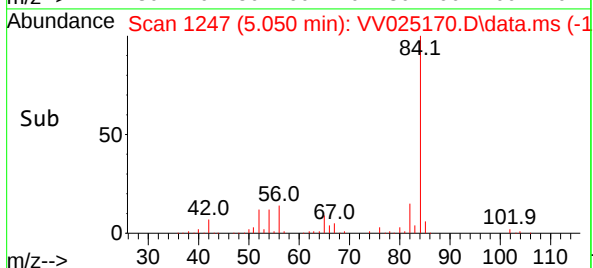
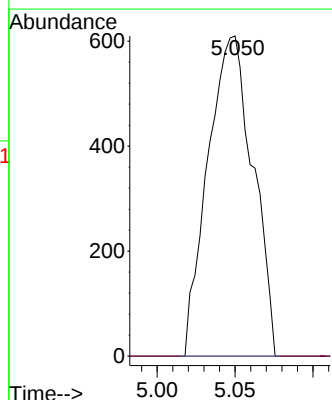
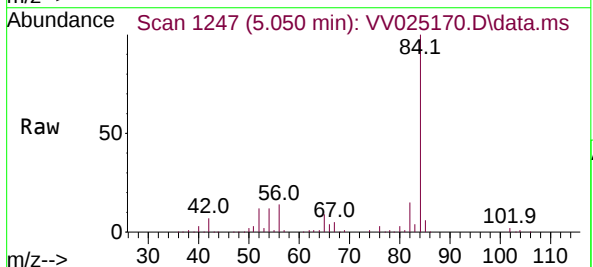
Instrument :
MSVOA_V
ClientSampleId :
VBLK324

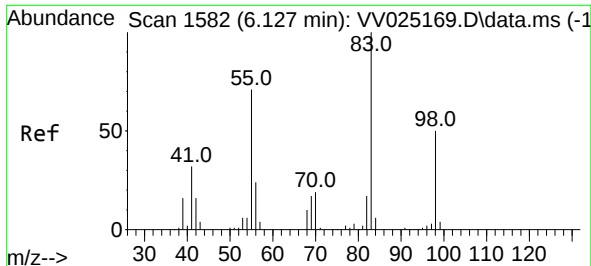
Tgt Ion: 83 Resp: 2677
Ion Ratio Lower Upper
83 100
85 76.0 44.5 82.7



#27
1,2-Dichloroethane
Concen: 0.086 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. -0.077 min
Lab File: VV025170.D
Acq: 25 Mar 2022 11:22

Tgt Ion: 62 Resp: 1229
Ion Ratio Lower Upper
62 100
98 0.0 9.0 13.4#

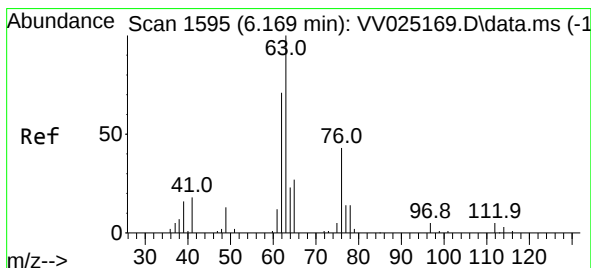
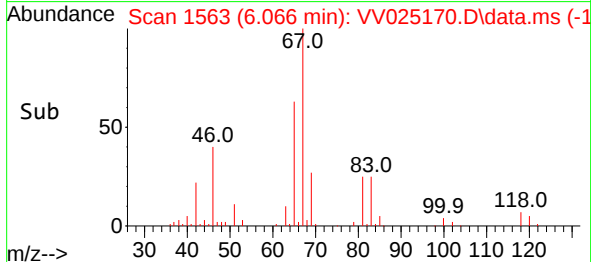
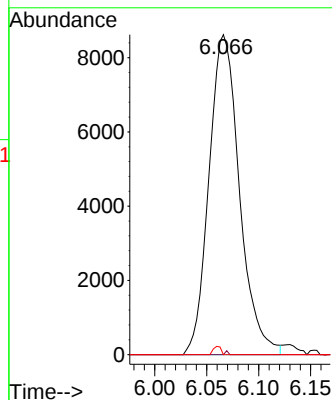
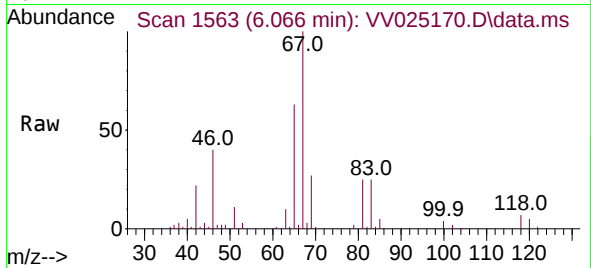




#35
Methylcyclohexane
Concen: 0.650 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.061 min
Lab File: VV025170.D
Acq: 25 Mar 2022 11:22

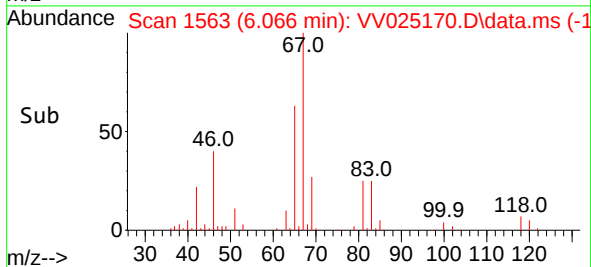
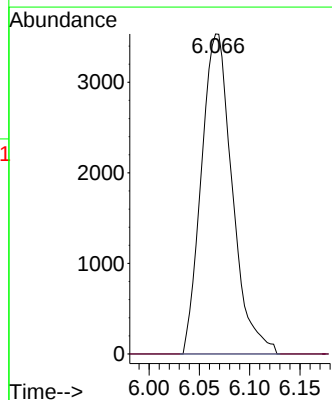
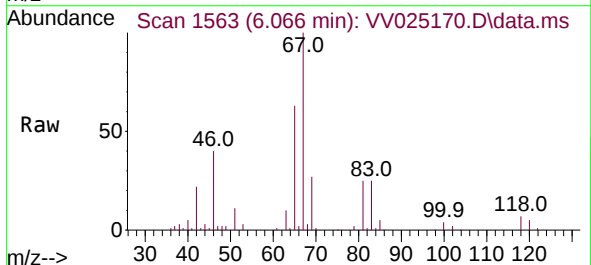
Instrument :
MSVOA_V
ClientSampleId :
VBLK324

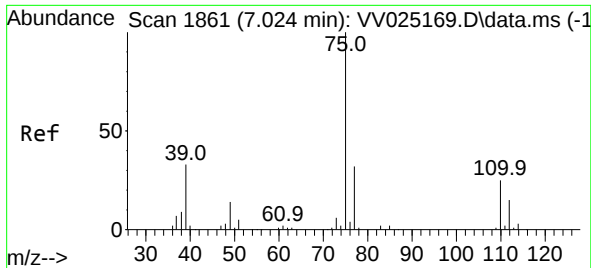
Tgt Ion: 83 Resp: 17614
Ion Ratio Lower Upper
83 100
55 0.1 55.4 83.0#
98 0.6 38.4 57.6#



#37
1,2-Dichloropropane
Concen: 0.512 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.103 min
Lab File: VV025170.D
Acq: 25 Mar 2022 11:22

Tgt Ion: 63 Resp: 7561
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.066 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025170.D

Acq: 25 Mar 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

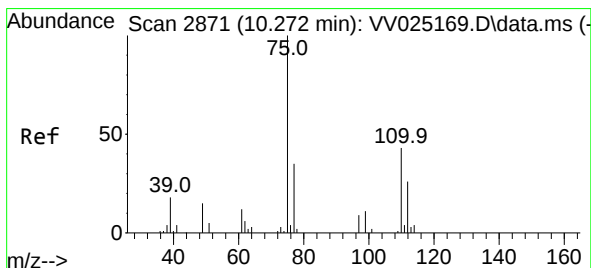
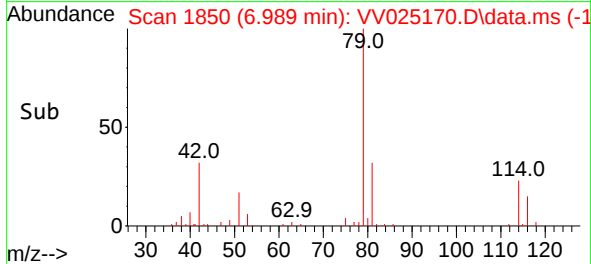
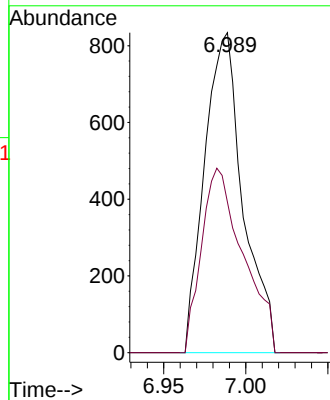
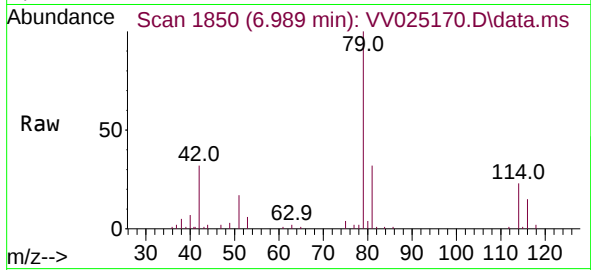
VBLK324

Tgt Ion: 75 Resp: 1356

Ion Ratio Lower Upper

75 100

77 47.1 23.0 42.8#



#61

1,2,3-Trichloropropane

Concen: 1.438 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025170.D

Acq: 25 Mar 2022 11:22

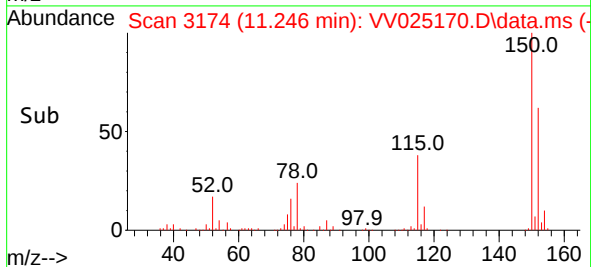
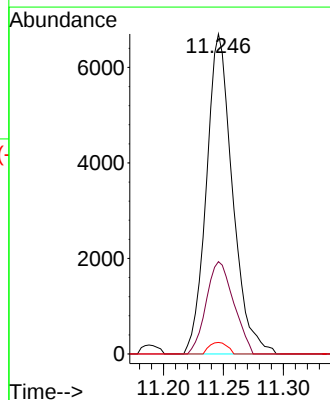
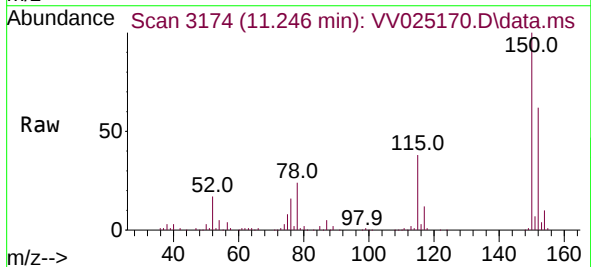
Tgt Ion: 75 Resp: 10131

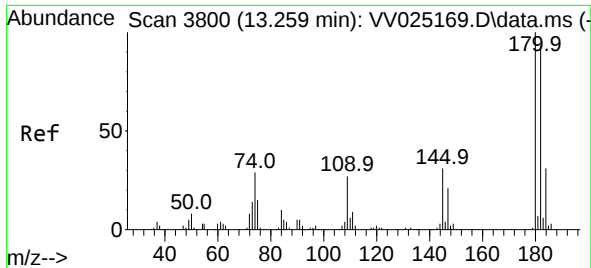
Ion Ratio Lower Upper

75 100

77 30.2 25.7 38.5

110 2.5 31.2 46.8#

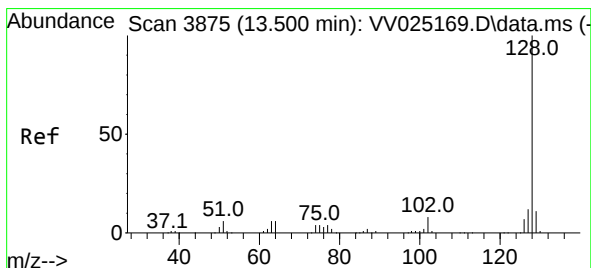
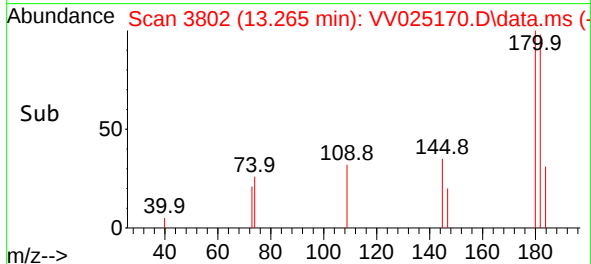
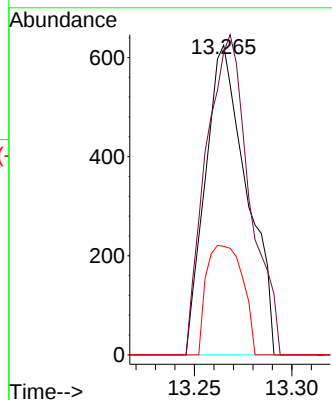
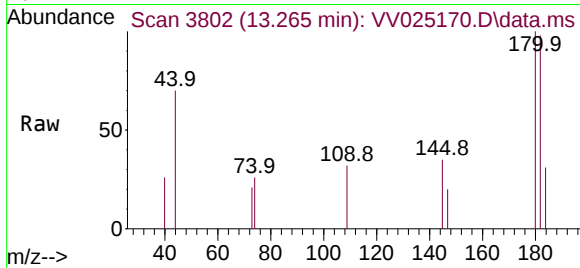




#70
1,2,4-trichlorobenzene
Concen: 0.061 ug/L
RT: 13.265 min Scan# 3802
Delta R.T. 0.006 min
Lab File: VV025170.D
Acq: 25 Mar 2022 11:22

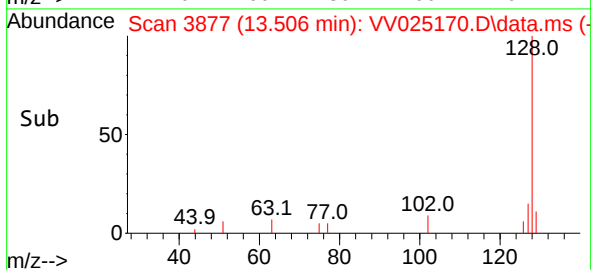
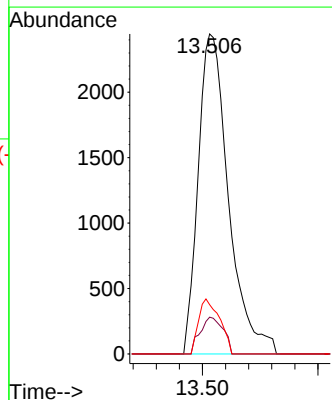
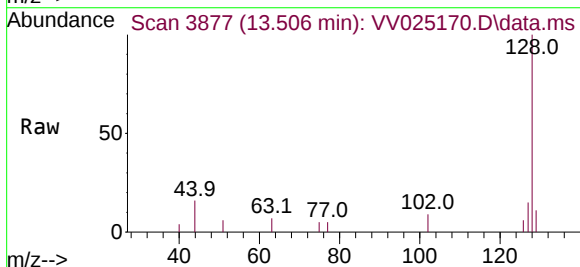
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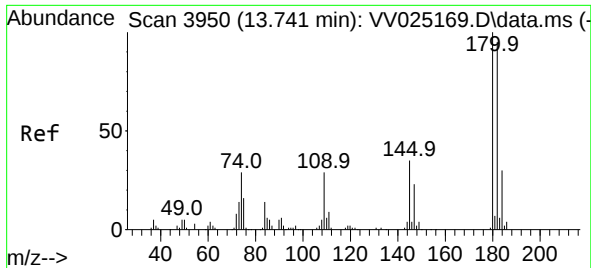
Tgt Ion:180 Resp: 922
Ion Ratio Lower Upper
180 100
182 108.7 74.6 112.0
145 30.8 26.1 39.1



#71
Naphthalene
Concen: 0.178 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV025170.D
Acq: 25 Mar 2022 11:22

Tgt Ion:128 Resp: 4456
Ion Ratio Lower Upper
128 100
129 8.8 8.5 12.7
127 12.0 9.8 14.8





#72

1,2,3-Trichlorobenzene

Concen: 0.079 ug/L

RT: 13.741 min Scan# 3950

Delta R.T. 0.000 min

Lab File: VV025170.D

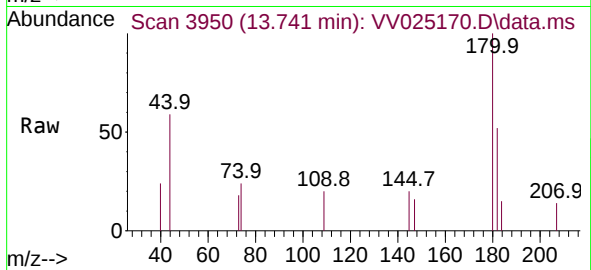
Acq: 25 Mar 2022 11:22

Instrument :

MSVOA_V

ClientSampleId :

VBLK324



Tgt Ion:180 Resp: 1015

Ion Ratio Lower Upper

180 100

182 84.8 74.8 112.2

145 25.3 27.6 41.4#

