

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042522\
 Data File : VW025709.D
 Acq On : 25 Apr 2022 12:16
 Operator : SY/MD
 Sample : N2530-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 26 06:34:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 26 06:32:17 2022
 Response via : Initial Calibration

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

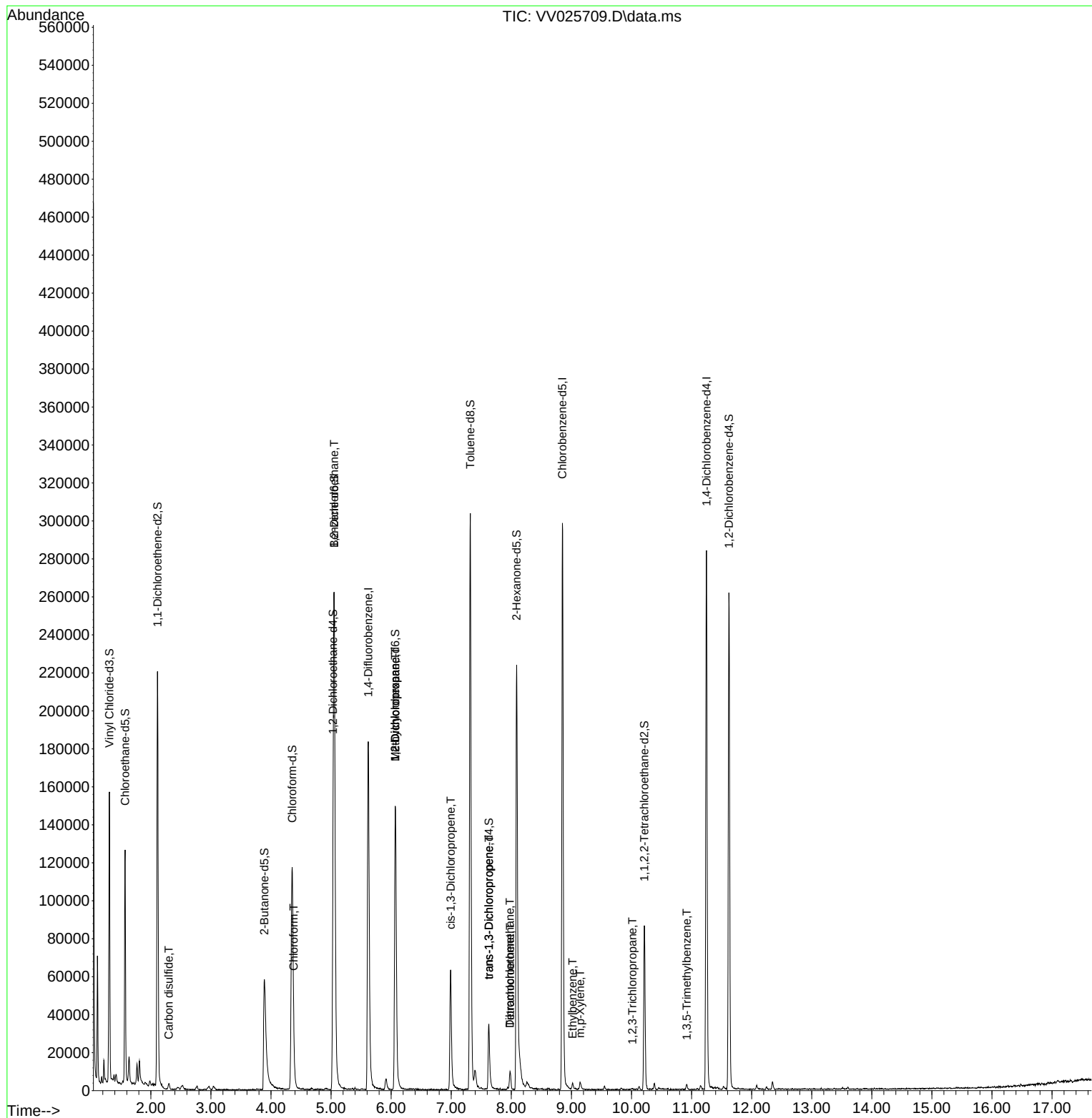
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	159926	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	163478	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73243	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	76780	5.164	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.200%
7) Chloroethane-d5	1.571	69	75259	4.758	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.111	63	115036	3.862	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.200%
20) 2-Butanone-d5	3.889	46	100345	55.482	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.960%
24) Chloroform-d	4.352	84	120989	5.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%
26) 1,2-Dichloroethane-d4	5.034	65	55506	5.734	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.600%
32) Benzene-d6	5.050	84	241845	5.113	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.200%
36) 1,2-Dichloropropane-d6	6.069	67	71872	5.448	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.000%
41) Toluene-d8	7.317	98	201974	4.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.000%
43) trans-1,3-Dichloroprop...	7.625	79	20893	4.712	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.088	63	75354	48.424	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	42604	5.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	65986	5.373	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.400%
Target Compounds						
					Qvalue	
14) Carbon disulfide	2.298	76	3586	0.108	ug/L	97
25) Chloroform	4.378	83	2767	0.133	ug/L	87
27) 1,2-Dichloroethane	5.050	62	1590	0.145	ug/L #	71
35) Methylcyclohexane	6.069	83	17250	0.843	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	8364	0.749	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1636	0.112	ug/L #	81
44) trans-1,3-Dichloropropene	7.625	75	978	0.086	ug/L #	79
47) Tetrachloroethene	7.979	164	2088	0.208	ug/L	92
49) Dibromochloromethane	7.976	129	2009	0.245	ug/L #	11
52) Ethylbenzene	9.021	91	2431	0.043	ug/L	96
53) m,p-Xylene	9.146	106	1241	0.058	ug/L	92
61) 1,2,3-Trichloropropane	10.017	75	329	0.068	ug/L #	37
62) 1,3,5-Trimethylbenzene	10.918	105	1489	0.074	ug/L	99

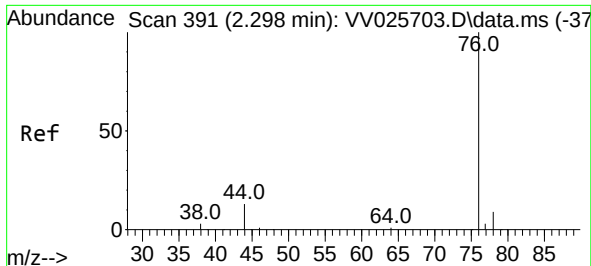
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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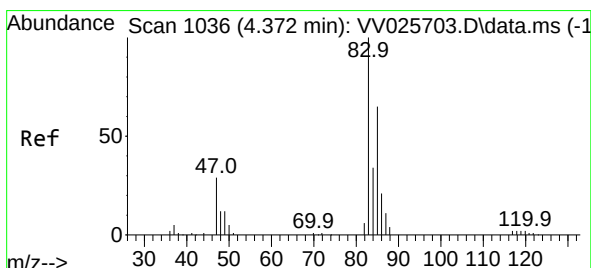
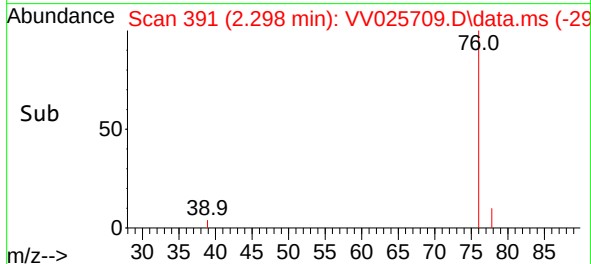
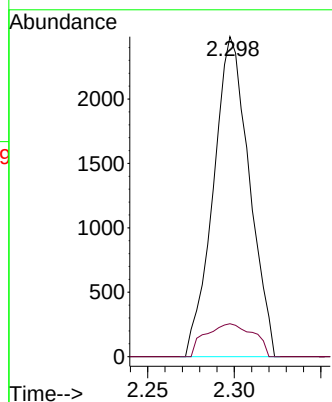
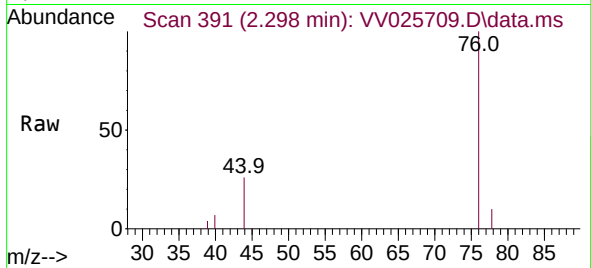




#14
Carbon disulfide
Concen: 0.108 ug/L
RT: 2.298 min Scan# 391
Delta R.T. -0.000 min
Lab File: VV025709.D
Acq: 25 Apr 2022 12:16

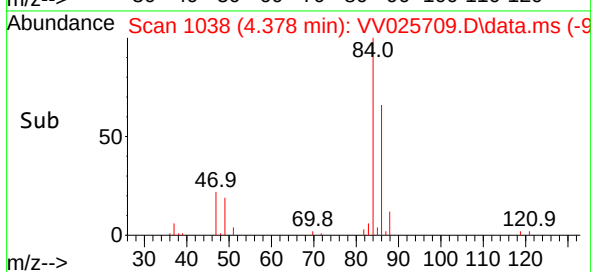
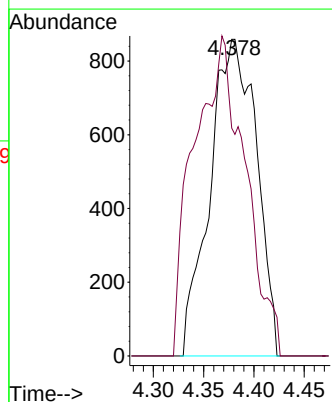
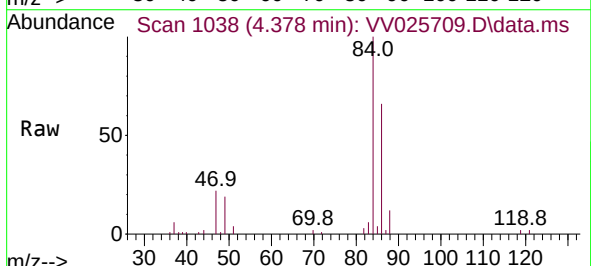
Instrument :
MSVOA_V
ClientSampleId :

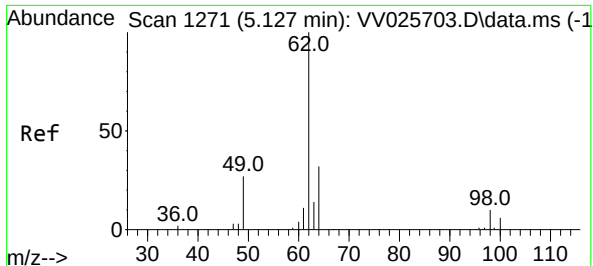
Tgt Ion: 76 Resp: 3586
Ion Ratio Lower Upper
76 100
78 10.3 7.3 10.9



#25
Chloroform
Concen: 0.133 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV025709.D
Acq: 25 Apr 2022 12:16

Tgt Ion: 83 Resp: 2767
Ion Ratio Lower Upper
83 100
85 71.9 43.5 80.7





#27

1,2-Dichloroethane

Concen: 0.145 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.077 min

Lab File: VV025709.D

Acq: 25 Apr 2022 12:16

Instrument :

MSVOA_V

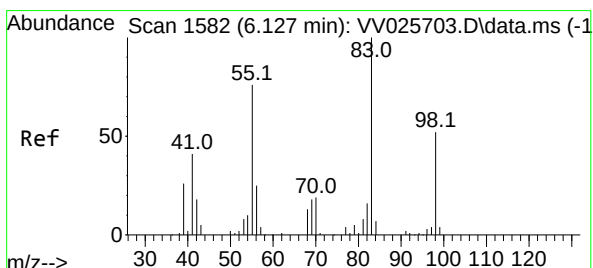
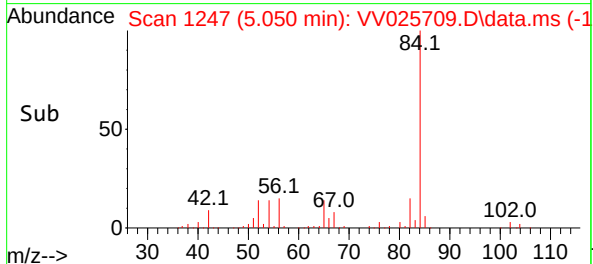
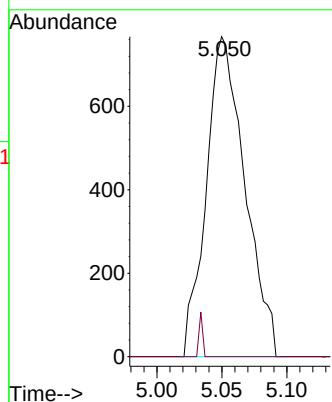
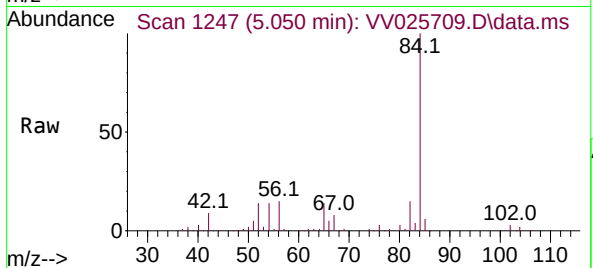
ClientSampleId :

Tgt Ion: 62 Resp: 1590

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#35

Methylcyclohexane

Concen: 0.843 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025709.D

Acq: 25 Apr 2022 12:16

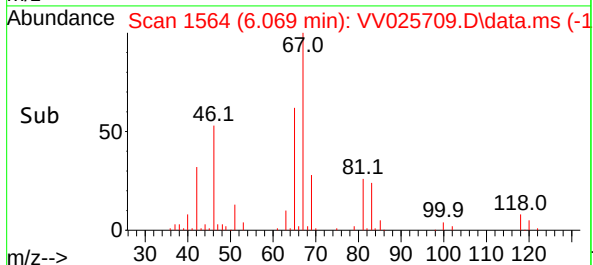
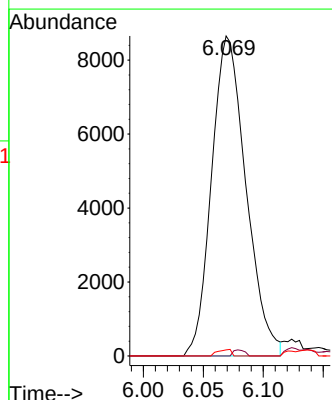
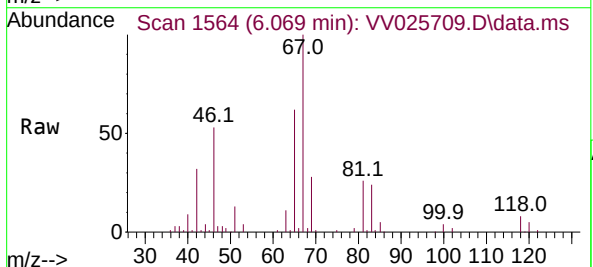
Tgt Ion: 83 Resp: 17250

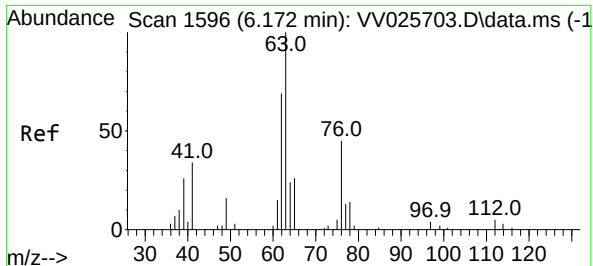
Ion Ratio Lower Upper

83 100

55 0.6 53.7 80.5#

98 0.8 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.749 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025709.D

Acq: 25 Apr 2022 12:16

Instrument :

MSVOA_V

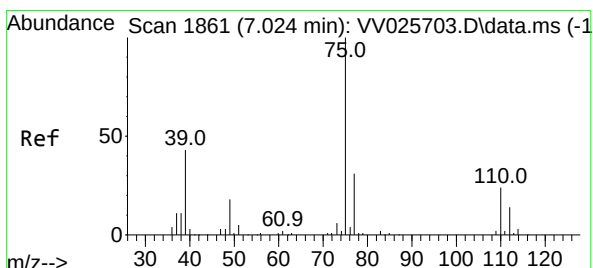
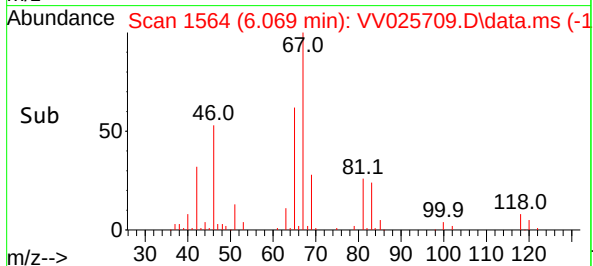
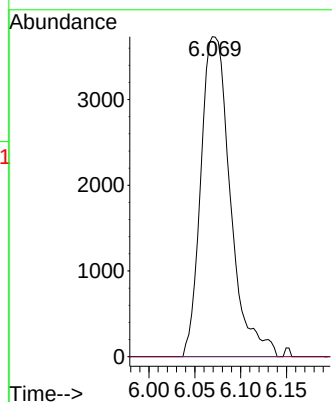
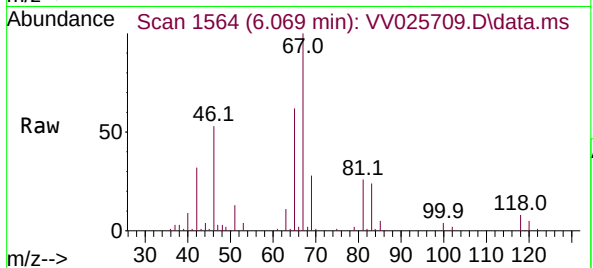
ClientSampleId :

Tgt Ion: 63 Resp: 8364

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV025709.D

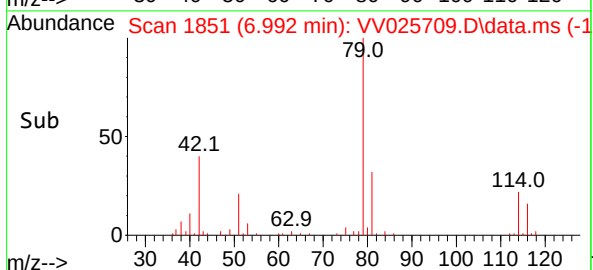
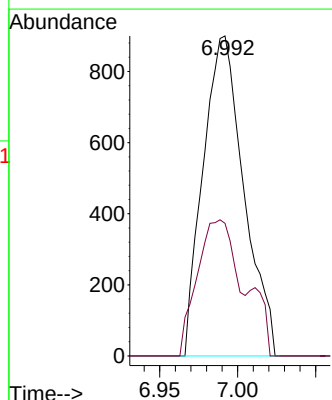
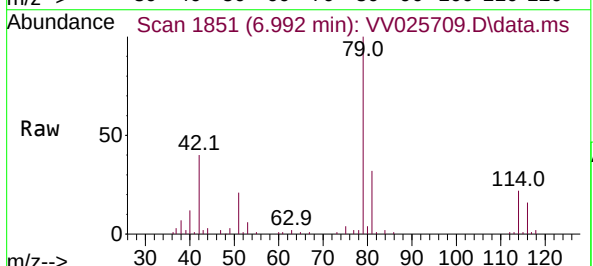
Acq: 25 Apr 2022 12:16

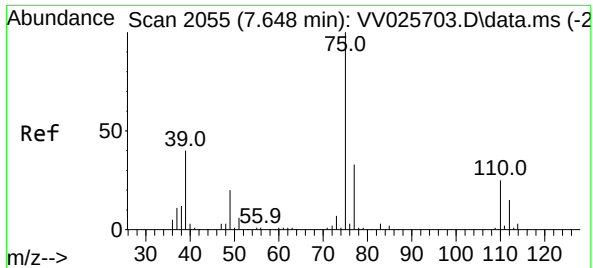
Tgt Ion: 75 Resp: 1636

Ion Ratio Lower Upper

75 100

77 41.4 21.8 40.6#

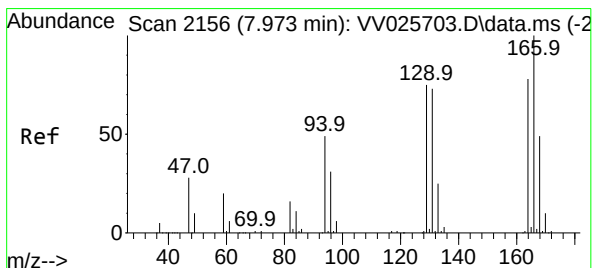
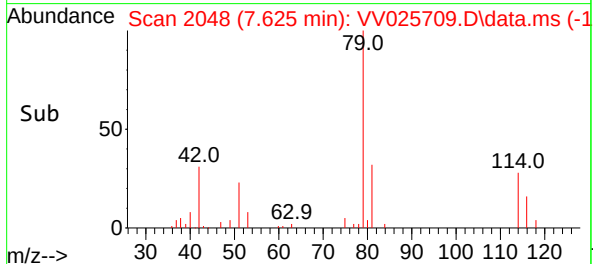
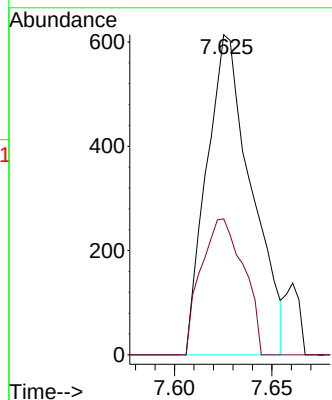
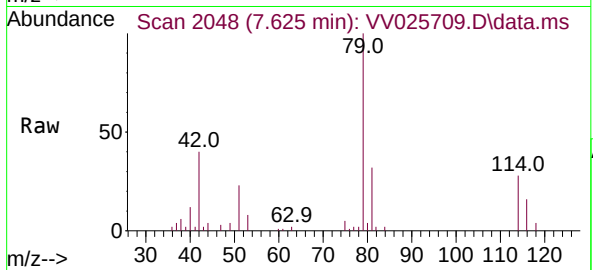




#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.625 min Scan# 2055
Delta R.T. -0.023 min
Lab File: VV025709.D
Acq: 25 Apr 2022 12:16

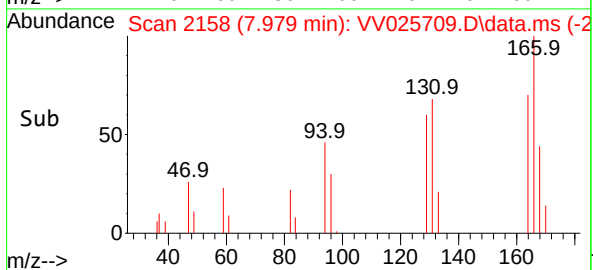
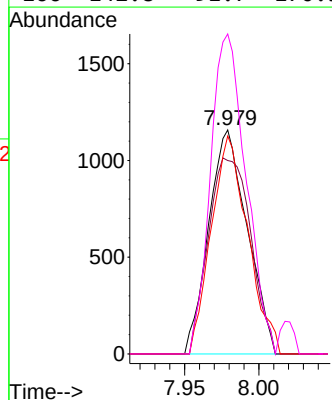
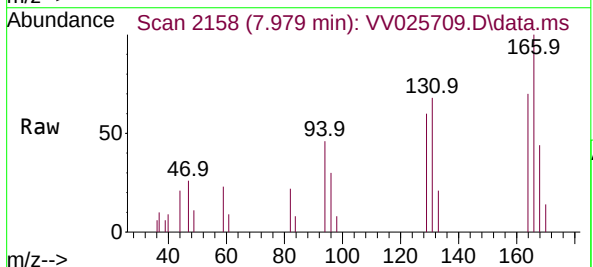
Instrument :
MSVOA_V
ClientSampleId :

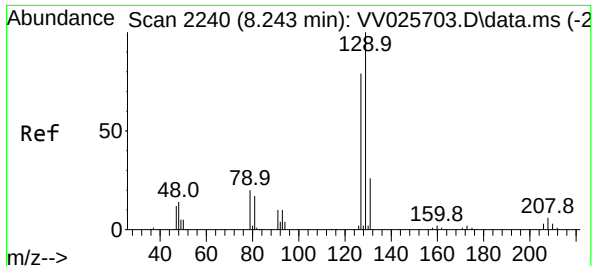
Tgt Ion: 75 Resp: 978
Ion Ratio Lower Upper
75 100
77 42.5 21.7 40.3#



#47
Tetrachloroethene
Concen: 0.208 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.006 min
Lab File: VV025709.D
Acq: 25 Apr 2022 12:16

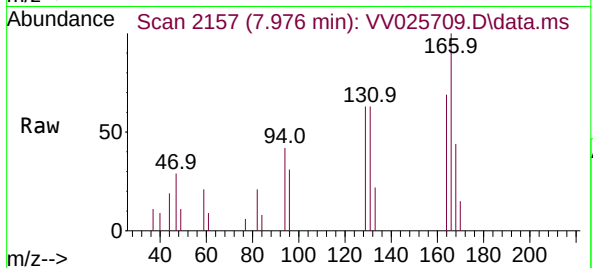
Tgt Ion:164 Resp: 2088
Ion Ratio Lower Upper
164 100
129 86.4 66.8 124.2
131 97.2 66.4 123.4
166 142.8 91.7 170.3



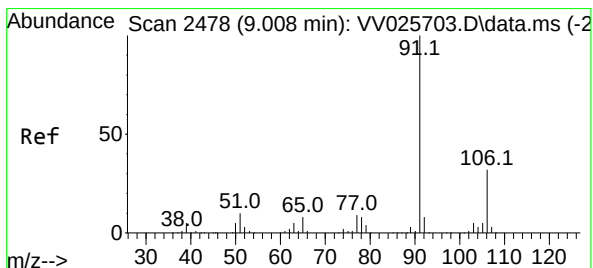
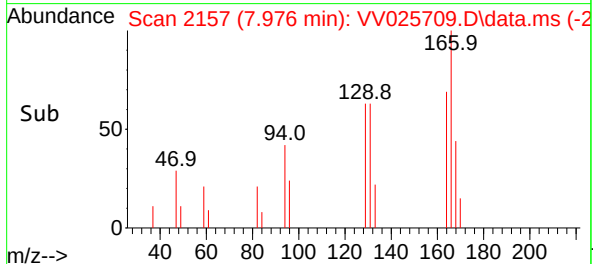
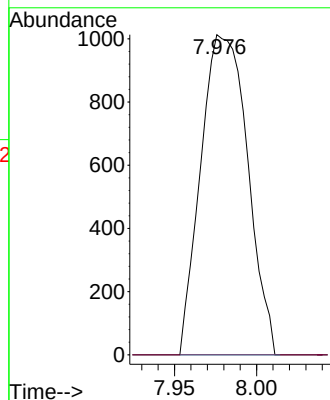


#49
Dibromochloromethane
Concen: 0.245 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.267 min
Lab File: VV025709.D
Acq: 25 Apr 2022 12:16

Instrument :
MSVOA_V
ClientSampleId :

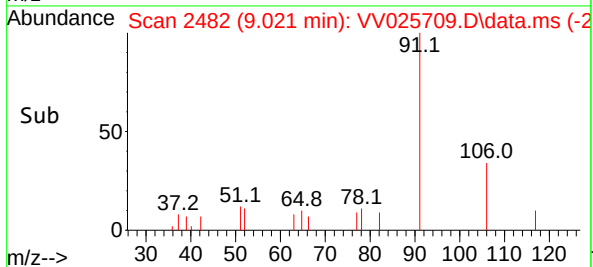
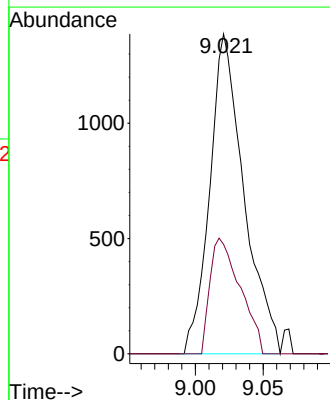
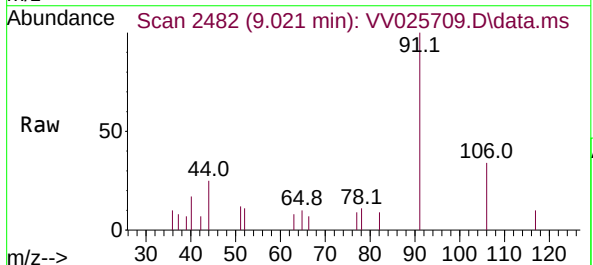


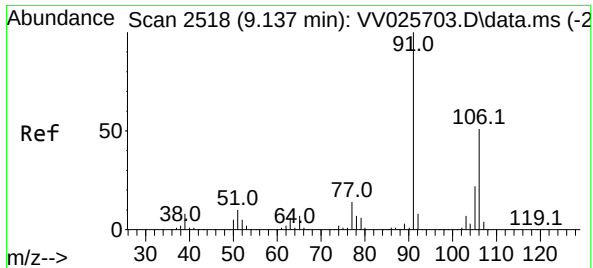
Tgt Ion:129 Resp: 2009
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#



#52
Ethylbenzene
Concen: 0.043 ug/L
RT: 9.021 min Scan# 2482
Delta R.T. 0.013 min
Lab File: VV025709.D
Acq: 25 Apr 2022 12:16

Tgt Ion: 91 Resp: 2431
Ion Ratio Lower Upper
91 100
106 34.2 22.3 41.3

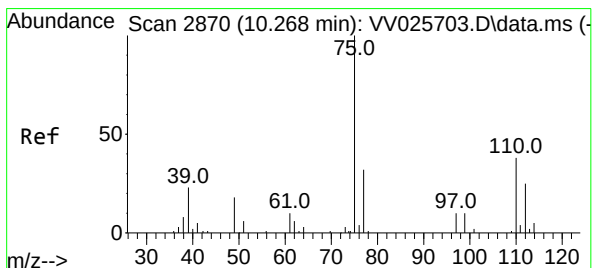
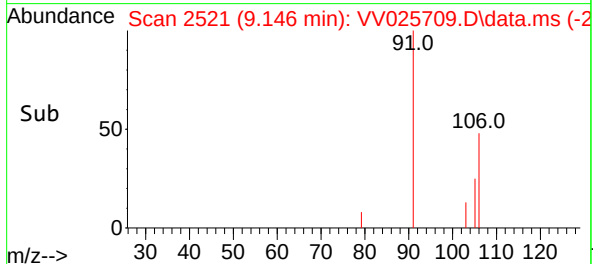
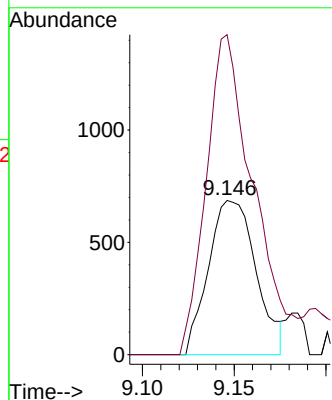
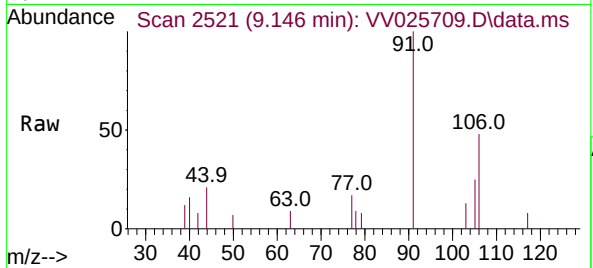




#53
m,p-Xylene
Concen: 0.058 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.009 min
Lab File: VV025709.D
Acq: 25 Apr 2022 12:16

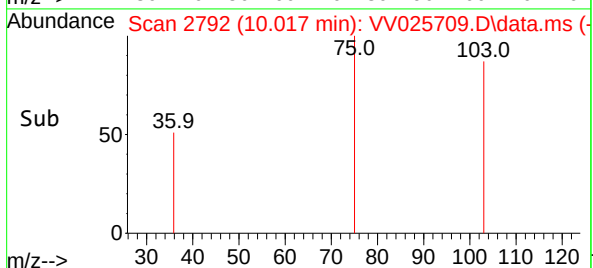
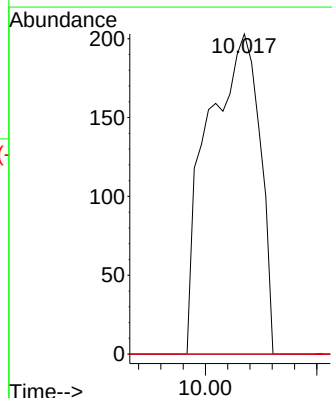
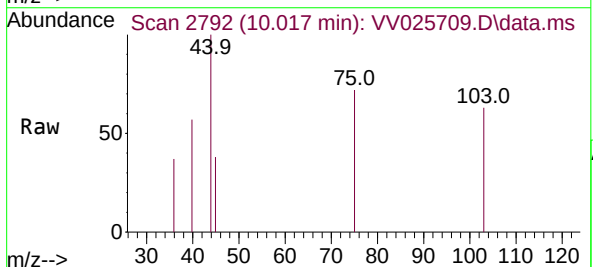
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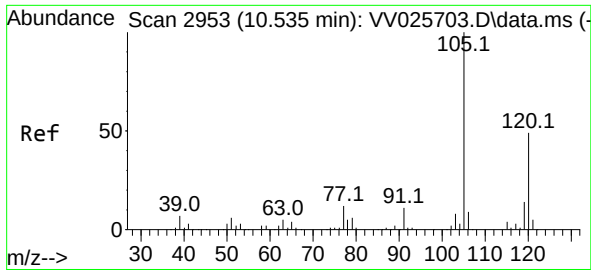
Tgt Ion:106 Resp: 1241
Ion Ratio Lower Upper
106 100
91 207.4 136.4 253.4



#61
1,2,3-Trichloropropane
Concen: 0.068 ug/L
RT: 10.017 min Scan# 2792
Delta R.T. -0.251 min
Lab File: VV025709.D
Acq: 25 Apr 2022 12:16

Tgt Ion: 75 Resp: 329
Ion Ratio Lower Upper
75 100
77 0.0 25.6 38.4#
110 0.0 34.7 52.1#





#62

1,3,5-Trimethylbenzene

Concen: 0.074 ug/L

RT: 10.918 min Scan# 30

Delta R.T. 0.382 min

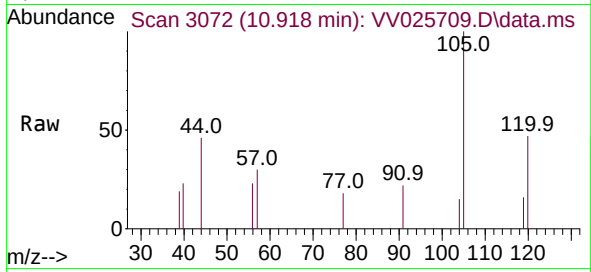
Lab File: VV025709.D

Acq: 25 Apr 2022 12:16

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:105 Resp: 1489

Ion Ratio Lower Upper

105 100

120 48.8 39.6 59.4

