

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042522\
 Data File : VW025706.D
 Acq On : 25 Apr 2022 11:03
 Operator : SY/MD
 Sample : N2530-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

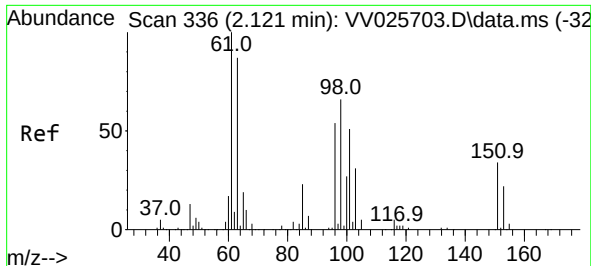
Quant Time: Apr 26 06:33:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 26 06:32:17 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	164717	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	166446	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	75097	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	92404	6.034	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 120.600%		
7) Chloroethane-d5	1.571	69	92556	5.681	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 113.600%		
11) 1,1-Dichloroethene-d2	2.111	63	140700	4.586	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 91.800%		
20) 2-Butanone-d5	3.886	46	120758	64.827	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 129.660%		
24) Chloroform-d	4.349	84	146299	6.322	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 126.400%#		
26) 1,2-Dichloroethane-d4	5.034	65	67427	6.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 135.200%#		
32) Benzene-d6	5.050	84	296783	6.163	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 123.200%		
36) 1,2-Dichloropropane-d6	6.069	67	87407	6.508	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 130.200%		
41) Toluene-d8	7.317	98	255446	5.716	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 114.400%		
43) trans-1,3-Dichloroprop...	7.622	79	26067	5.774	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 115.400%		
46) 2-Hexanone-d5	8.088	63	92980	58.685	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 117.360%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50763	5.982	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 119.600%		
66) 1,2-Dichlorobenzene-d4	11.622	152	80160	6.367	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 127.400%#		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	1244	0.087	ug/L #	1
25) Chloroform	4.375	83	3743	0.175	ug/L #	59
27) 1,2-Dichloroethane	5.050	62	1729	0.153	ug/L #	71
33) Benzene	5.104	78	2967	0.060	ug/L	100
37) 1,2-Dichloropropane	6.069	63	10194	0.896	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	2280	0.153	ug/L #	76
42) Toluene	7.397	91	13302	0.249	ug/L	89
44) trans-1,3-Dichloropropene	7.619	75	1234	0.107	ug/L #	63
47) Tetrachloroethene	7.979	164	2161	0.211	ug/L	92
49) Dibromochloromethane	7.976	129	2185	0.261	ug/L #	11
52) Ethylbenzene	9.017	91	4291	0.075	ug/L	98
53) m,p-Xylene	9.146	106	1163	0.054	ug/L	86
61) 1,2,3-Trichloropropane	11.249	75	9019	1.823	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.921	105	1208	0.058	ug/L	86

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

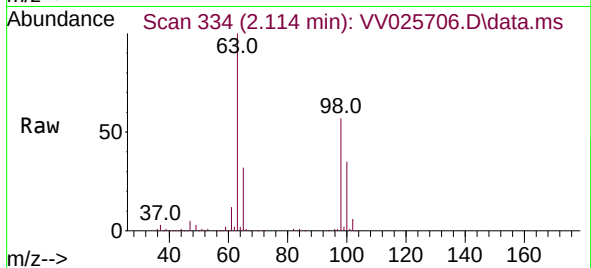
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 26 06:32:17 2022
Response via : Initial Calibration



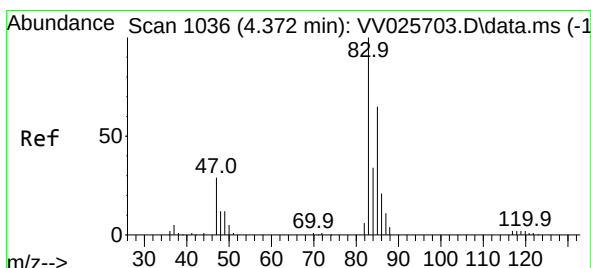
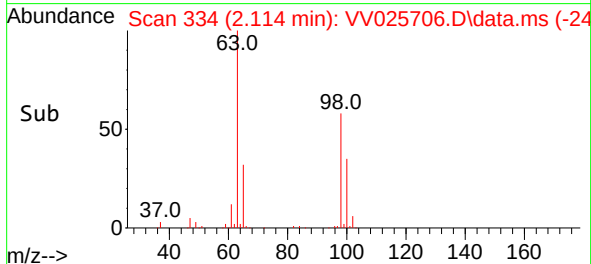
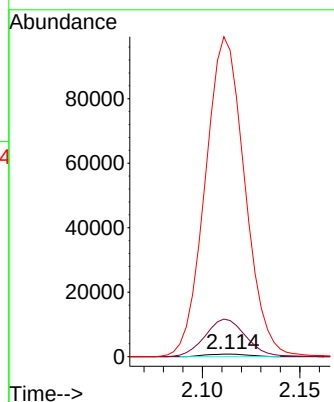


#12
1,1-Dichloroethene
Concen: 0.087 ug/L
RT: 2.114 min Scan# 31
Delta R.T. -0.007 min
Lab File: VV025706.D
Acq: 25 Apr 2022 11:03

Instrument :
MSVOA_V
ClientSampleId :

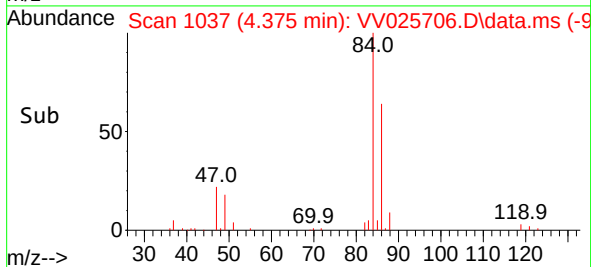
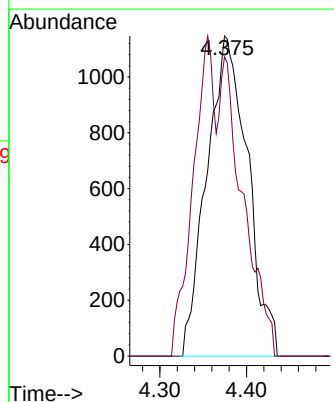
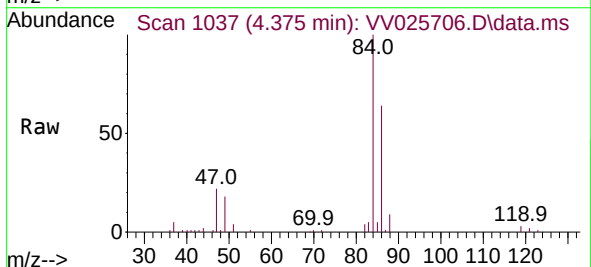


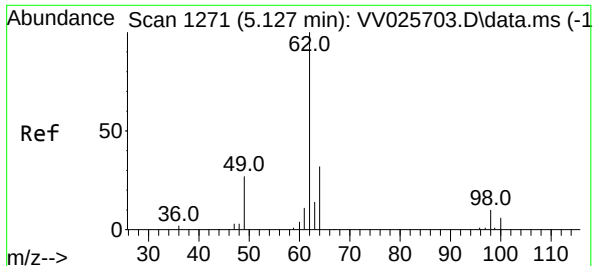
Tgt Ion: 96 Resp: 1244
Ion Ratio Lower Upper
96 100
61 1370.3 125.2 232.4#
63 11607.8 114.4 212.4#



#25
Chloroform
Concen: 0.175 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV025706.D
Acq: 25 Apr 2022 11:03

Tgt Ion: 83 Resp: 3743
Ion Ratio Lower Upper
83 100
85 93.5 43.5 80.7#





#27

1,2-Dichloroethane

Concen: 0.153 ug/L

RT: 5.050 min Scan# 11

Delta R.T. -0.077 min

Lab File: VV025706.D

Acq: 25 Apr 2022 11:03

Instrument :

MSVOA_V

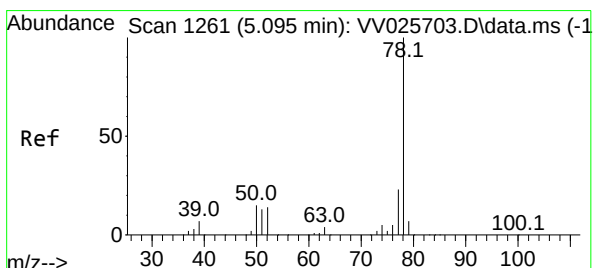
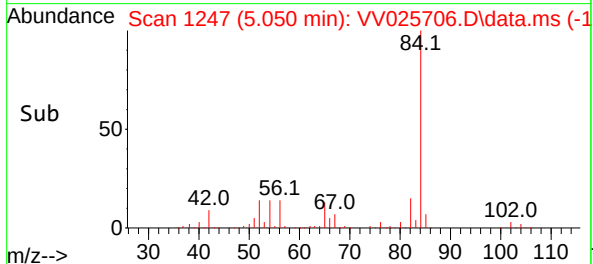
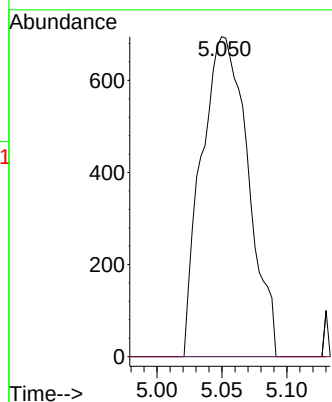
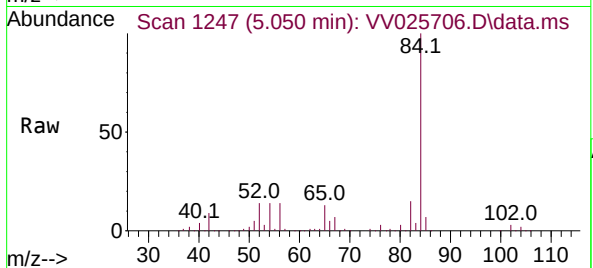
ClientSampleId :

Tgt Ion: 62 Resp: 1729

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#33

Benzene

Concen: 0.060 ug/L

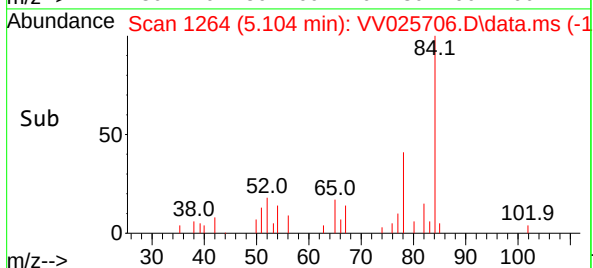
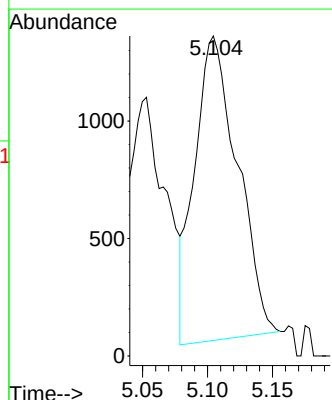
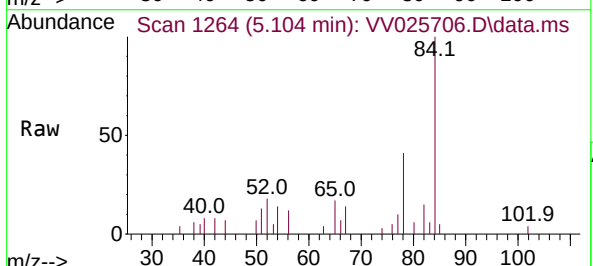
RT: 5.104 min Scan# 1264

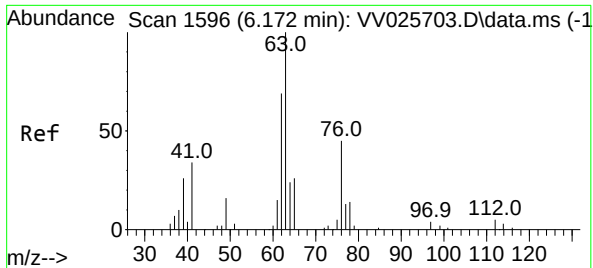
Delta R.T. 0.009 min

Lab File: VV025706.D

Acq: 25 Apr 2022 11:03

Tgt Ion: 78 Resp: 2967





#37

1,2-Dichloropropane

Concen: 0.896 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV025706.D

Acq: 25 Apr 2022 11:03

Instrument :

MSVOA_V

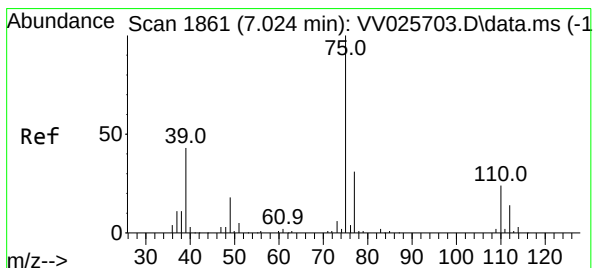
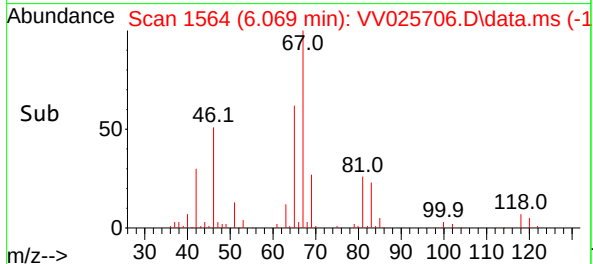
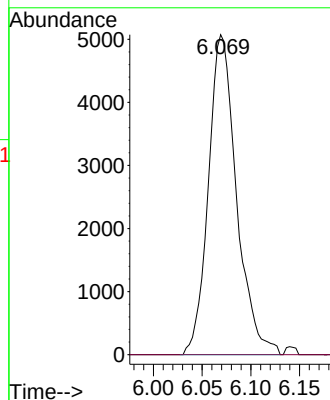
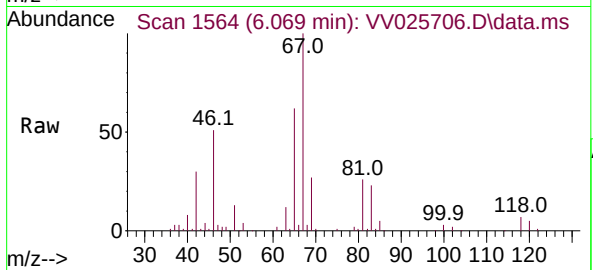
ClientSampleId :

Tgt Ion: 63 Resp: 10194

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.153 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.036 min

Lab File: VV025706.D

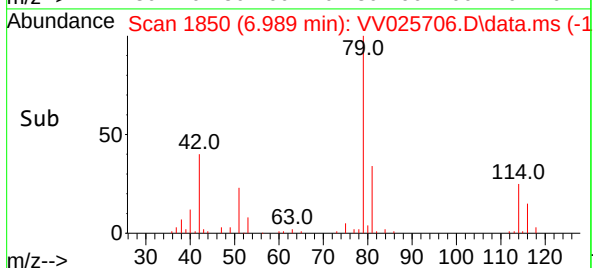
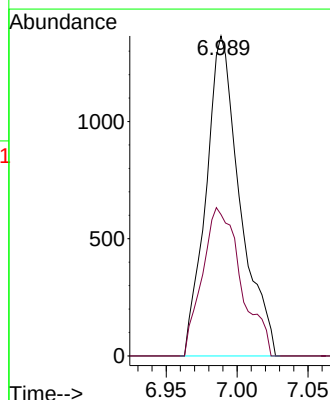
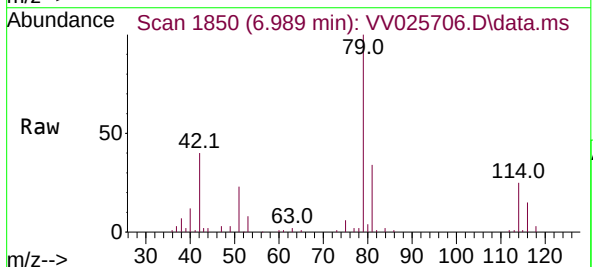
Acq: 25 Apr 2022 11:03

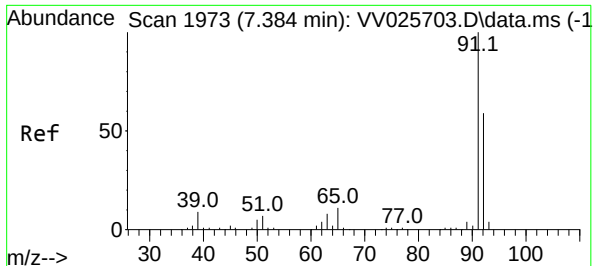
Tgt Ion: 75 Resp: 2280

Ion Ratio Lower Upper

75 100

77 44.2 21.8 40.6#





#42

Toluene

Concen: 0.249 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV025706.D

Acq: 25 Apr 2022 11:03

Instrument :

MSVOA_V

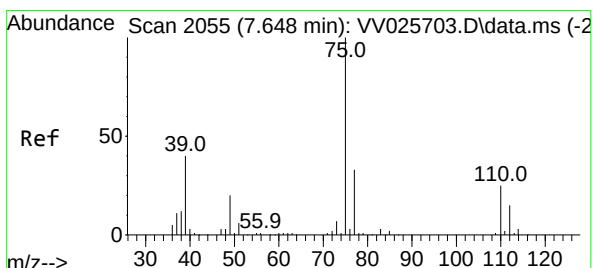
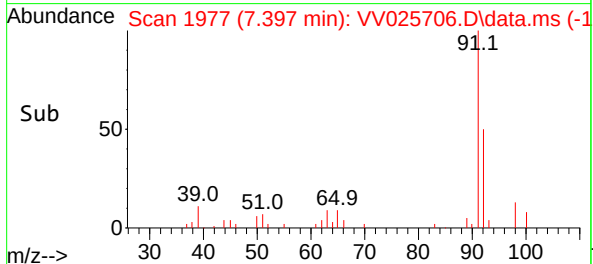
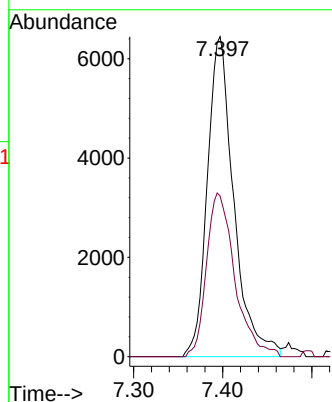
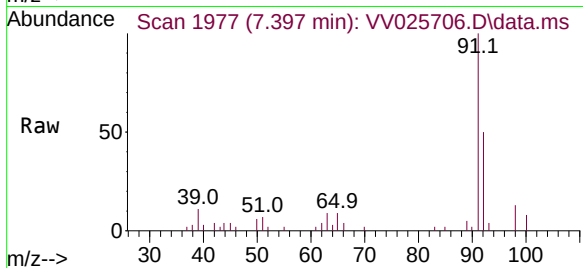
ClientSampleId :

Tgt Ion: 91 Resp: 13302

Ion Ratio Lower Upper

91 100

92 50.3 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 7.619 min Scan# 2046

Delta R.T. -0.029 min

Lab File: VV025706.D

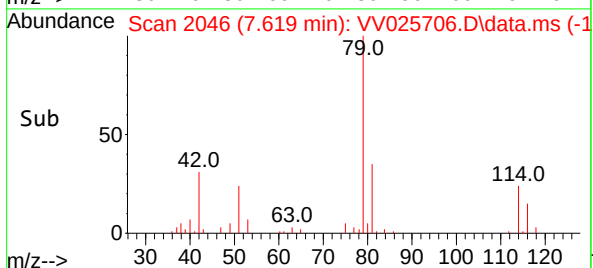
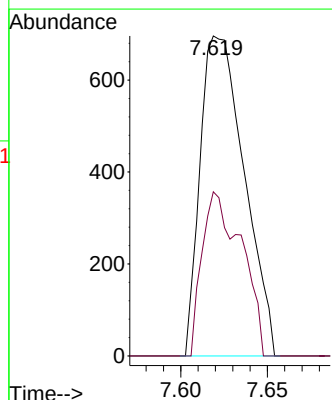
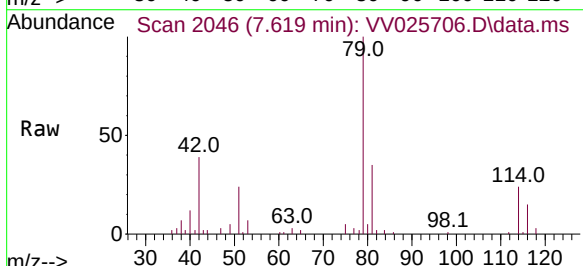
Acq: 25 Apr 2022 11:03

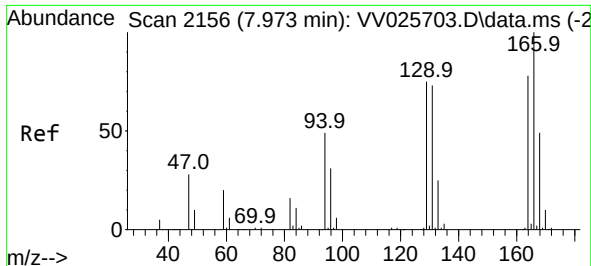
Tgt Ion: 75 Resp: 1234

Ion Ratio Lower Upper

75 100

77 51.3 21.7 40.3#





#47

Tetrachloroethene

Concen: 0.211 ug/L

RT: 7.979 min Scan# 2156

Delta R.T. 0.006 min

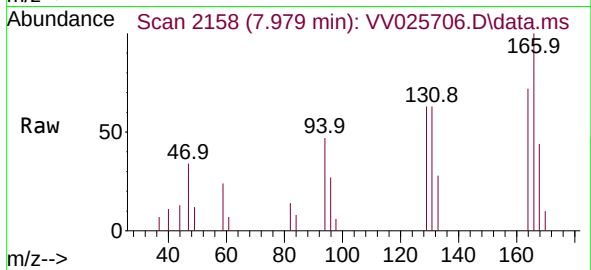
Lab File: VV025706.D

Acq: 25 Apr 2022 11:03

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 2161

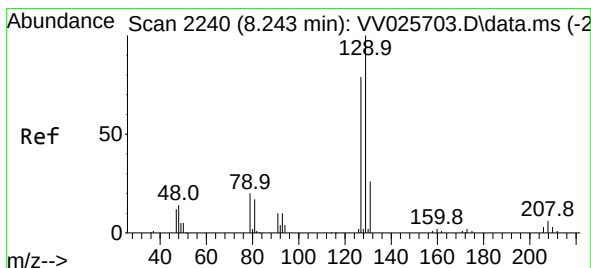
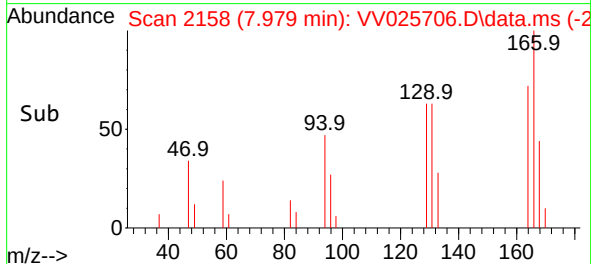
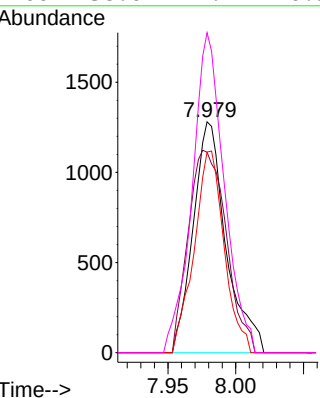
Ion Ratio Lower Upper

164 100

129 86.8 66.8 124.2

131 86.9 66.4 123.4

166 138.6 91.7 170.3



#49

Dibromochloromethane

Concen: 0.261 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025706.D

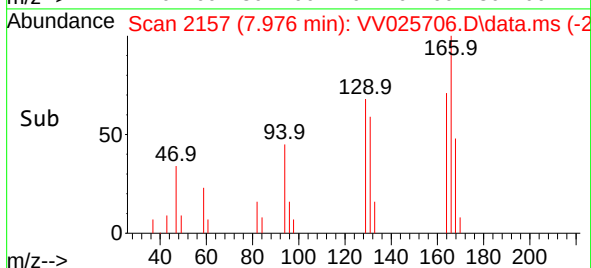
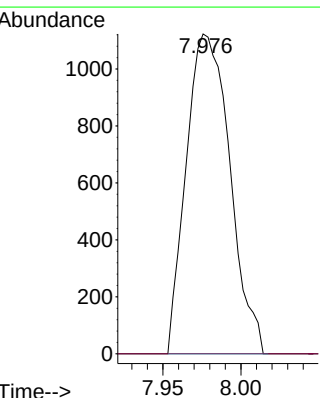
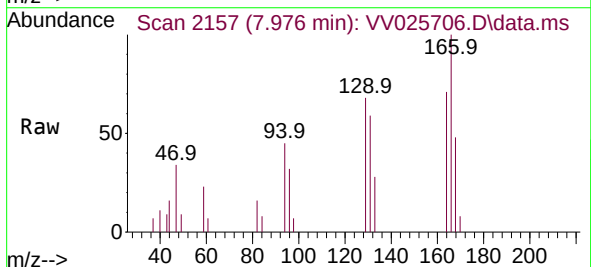
Acq: 25 Apr 2022 11:03

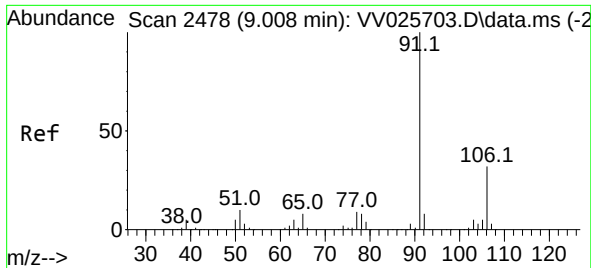
Tgt Ion:129 Resp: 2185

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#

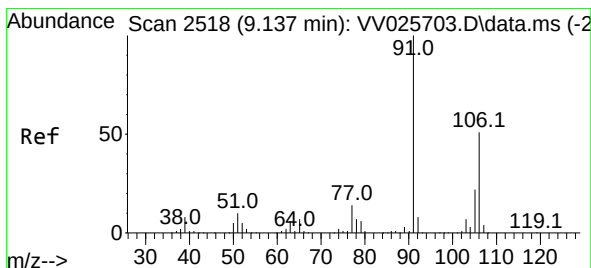
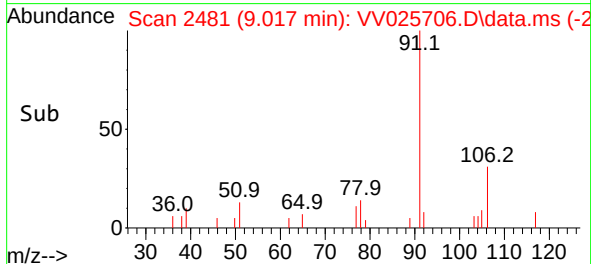
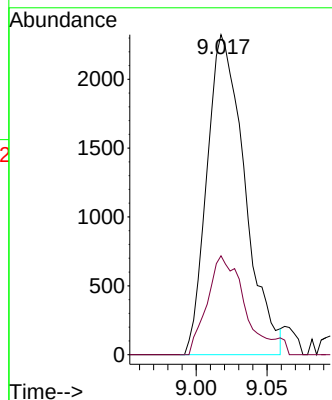
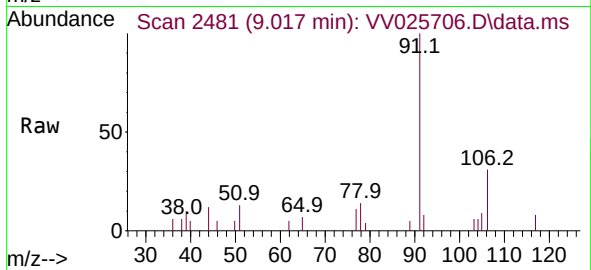




#52
Ethylbenzene
Concen: 0.075 ug/L
RT: 9.017 min Scan# 2478
Delta R.T. 0.009 min
Lab File: VV025706.D
Acq: 25 Apr 2022 11:03

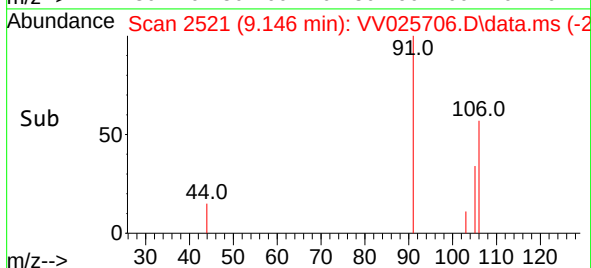
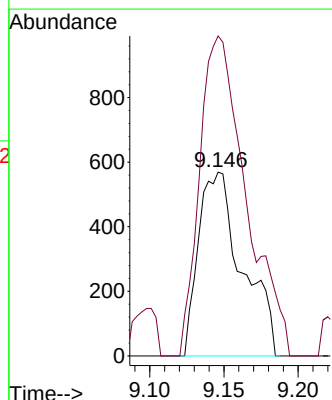
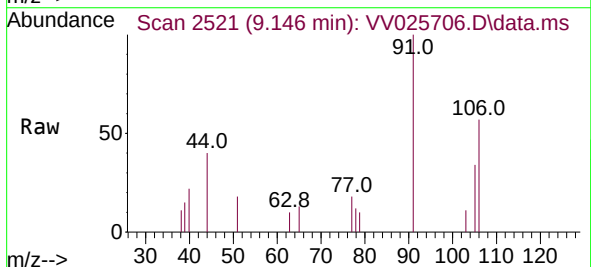
Instrument :
MSVOA_V
ClientSampleId :

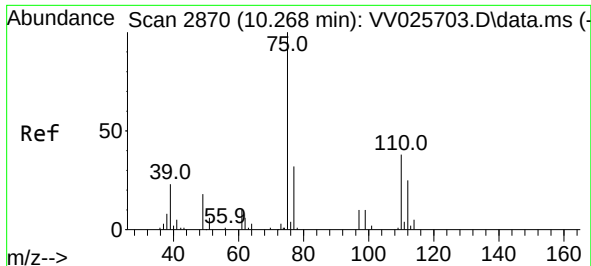
Tgt Ion: 91 Resp: 4291
Ion Ratio Lower Upper
91 100
106 30.9 22.3 41.3



#53
m,p-Xylene
Concen: 0.054 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.009 min
Lab File: VV025706.D
Acq: 25 Apr 2022 11:03

Tgt Ion: 106 Resp: 1163
Ion Ratio Lower Upper
106 100
91 174.2 136.4 253.4

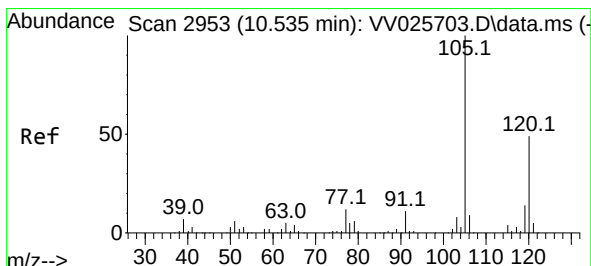
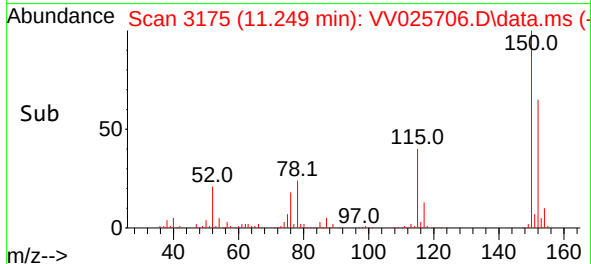
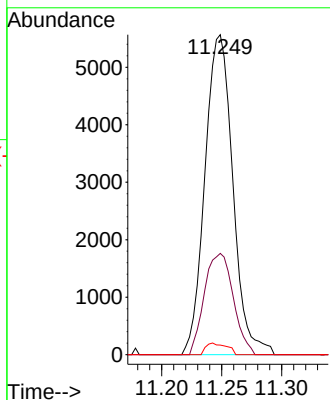
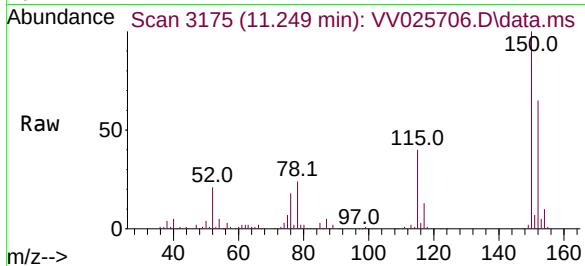




#61
 1,2,3-Trichloropropane
 Concen: 1.823 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.980 min
 Lab File: VV025706.D
 Acq: 25 Apr 2022 11:03

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 9019
 Ion Ratio Lower Upper
 75 100
 77 32.7 25.6 38.4
 110 2.7 34.7 52.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.058 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.386 min
 Lab File: VV025706.D
 Acq: 25 Apr 2022 11:03

Tgt Ion: 105 Resp: 1208
 Ion Ratio Lower Upper
 105 100
 120 39.9 39.6 59.4

