

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042522\
 Data File : VW025708.D
 Acq On : 25 Apr 2022 11:53
 Operator : SY/MD
 Sample : N2530-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6X3

Quant Time: Apr 26 06:33:57 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	143556	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146356	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65838	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	96567	7.235	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	144.800%#
7) Chloroethane-d5	1.571	69	94511	6.656	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	133.200%#
11) 1,1-Dichloroethene-d2	2.111	63	147526	5.518	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.400%
20) 2-Butanone-d5	3.889	46	128668	79.255	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	158.500%#
24) Chloroform-d	4.352	84	150656	7.470	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	149.400%#
26) 1,2-Dichloroethane-d4	5.034	65	71141	8.187	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	163.800%#
32) Benzene-d6	5.053	84	315570	7.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	149.000%#
36) 1,2-Dichloropropane-d6	6.072	67	89754	7.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	152.000%#
41) Toluene-d8	7.317	98	265749	6.762	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	135.200%#
43) trans-1,3-Dichloroprop...	7.625	79	25875	6.518	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	130.400%#
46) 2-Hexanone-d5	8.088	63	99929	71.728	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	143.460%#
56) 1,1,2,2-Tetrachloroeth...	10.214	84	52669	7.059	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	141.200%#
66) 1,2-Dichlorobenzene-d4	11.622	152	86587	7.844	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	156.800%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	568	0.040	ug/L #	60
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1242	0.099	ug/L #	21
12) 1,1-Dichloroethene	2.111	96	1320	0.106	ug/L #	1
14) Carbon disulfide	2.297	76	2482	0.083	ug/L #	94
15) Methyl Acetate	2.442	43	1433	0.585	ug/L #	43
25) Chloroform	4.371	83	3715	0.199	ug/L	81
30) Cyclohexane	4.677	56	1305	0.083	ug/L #	49
33) Benzene	5.108	78	4002	0.093	ug/L	100
35) Methylcyclohexane	6.140	83	1529	0.083	ug/L #	69
37) 1,2-Dichloropropane	6.069	63	10544	1.054	ug/L #	87
42) Toluene	7.397	91	16187	0.344	ug/L	99
44) trans-1,3-Dichloropropene	7.622	75	1321	0.130	ug/L #	74
47) Tetrachloroethene	7.976	164	2795	0.311	ug/L	95
49) Dibromochloromethane	7.976	129	2618	0.356	ug/L #	11
52) Ethylbenzene	9.017	91	6675	0.133	ug/L	99
53) m,p-Xylene	9.140	106	661	0.035	ug/L	84
61) 1,2,3-Trichloropropane	10.014	75	323	0.074	ug/L #	37

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 26 06:32:17 2022
Response via : Initial Calibration

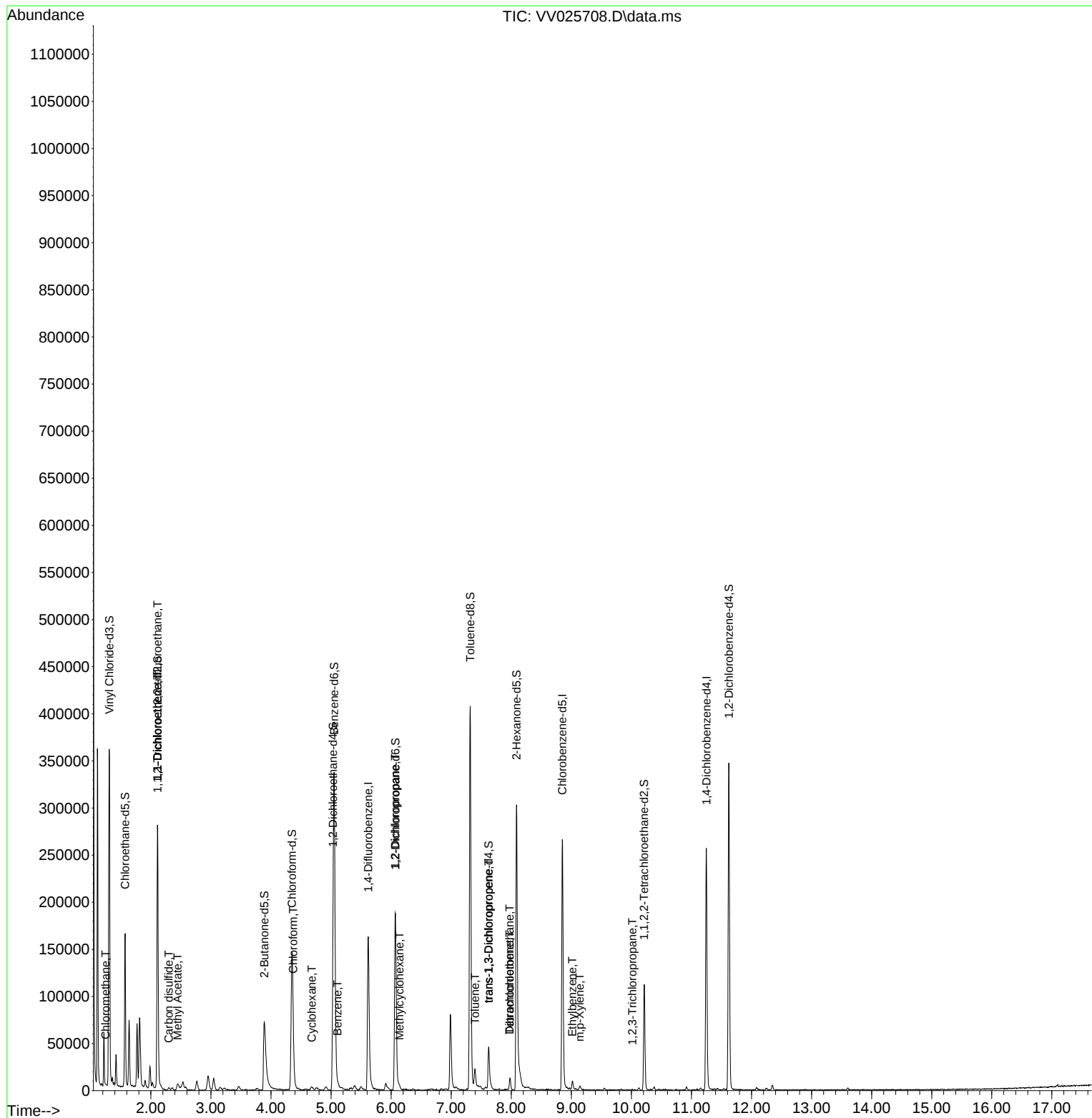
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

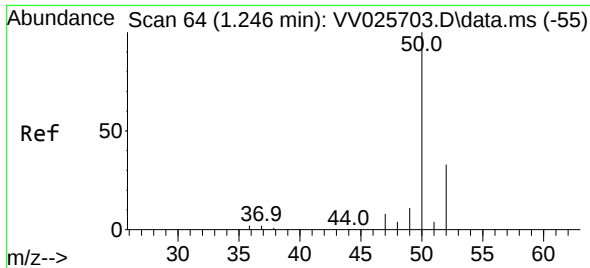
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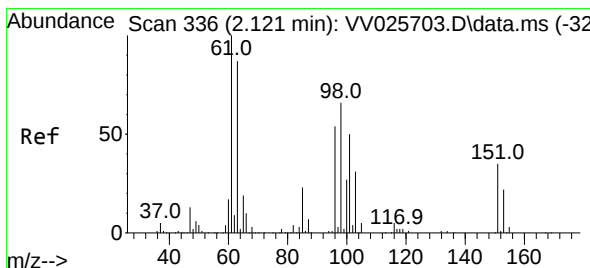
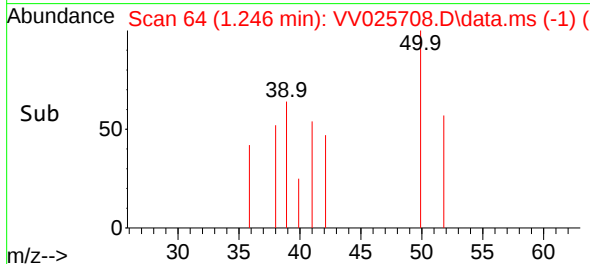
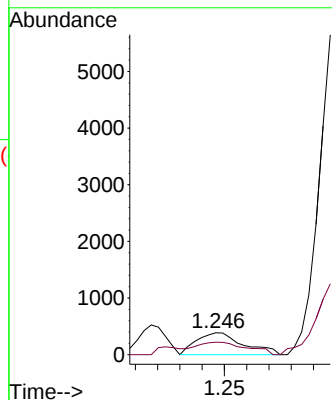
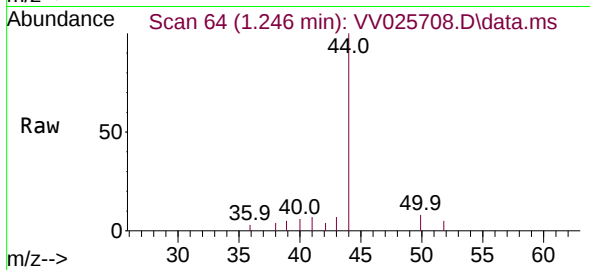




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.000 min
Lab File: VV025708.D
Acq: 25 Apr 2022 11:53

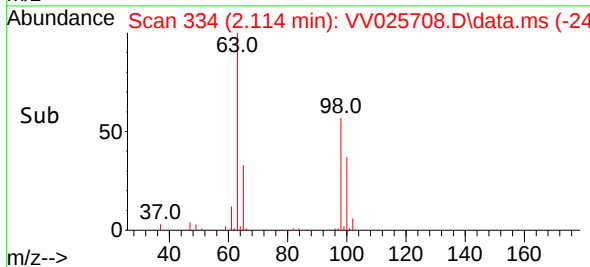
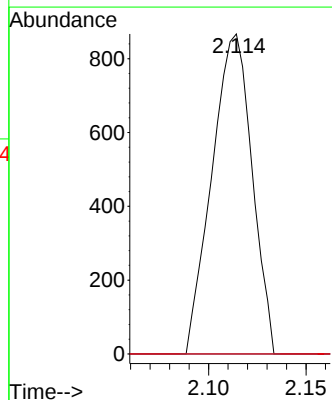
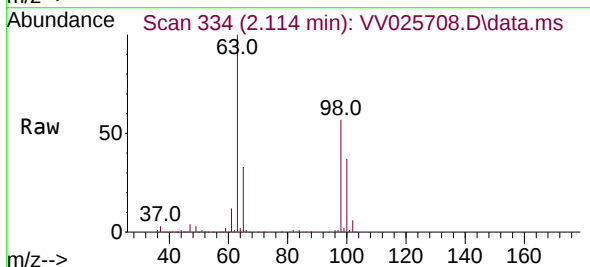
Instrument :
MSVOA_V
ClientSampleId :
EW6X3

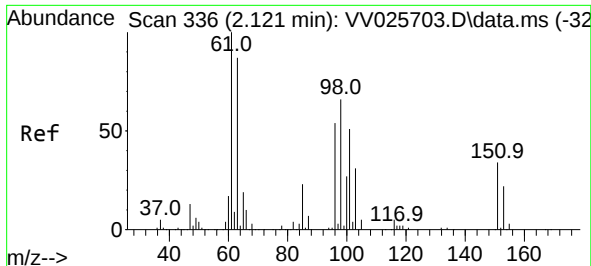
Tgt Ion: 50 Resp: 568
Ion Ratio Lower Upper
50 100
52 56.8 23.7 43.9#



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.099 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.007 min
Lab File: VV025708.D
Acq: 25 Apr 2022 11:53

Tgt Ion: 101 Resp: 1242
Ion Ratio Lower Upper
101 100
85 0.0 35.9 53.9#
151 0.0 56.0 84.0#





#12

1,1-Dichloroethene

Concen: 0.106 ug/L

RT: 2.111 min Scan# 311

Delta R.T. -0.010 min

Lab File: VV025708.D

Acq: 25 Apr 2022 11:53

Instrument :

MSVOA_V

ClientSampleId :

EW6X3

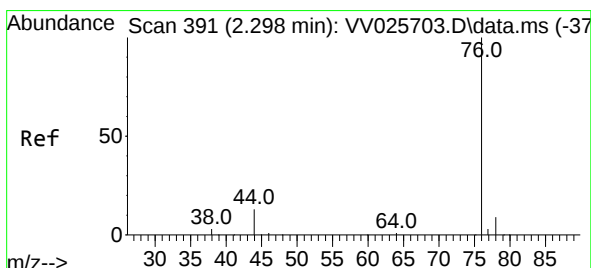
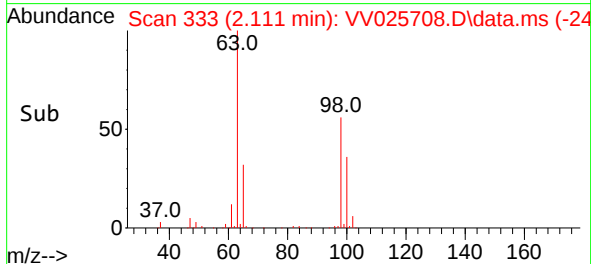
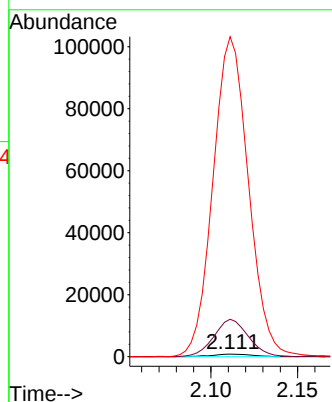
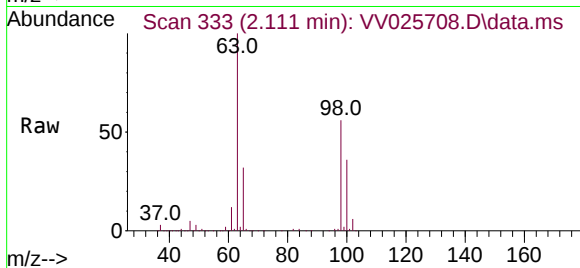
Tgt Ion: 96 Resp: 1320

Ion Ratio Lower Upper

96 100

61 1491.7 125.2 232.4#

63 12762.4 114.4 212.4#



#14

Carbon disulfide

Concen: 0.083 ug/L

RT: 2.297 min Scan# 391

Delta R.T. -0.000 min

Lab File: VV025708.D

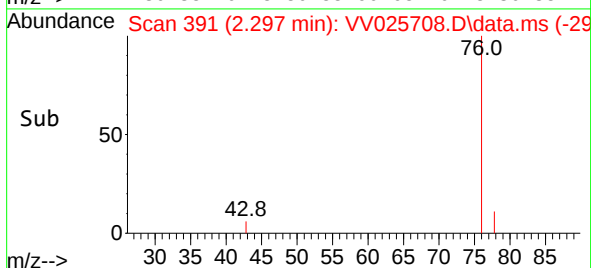
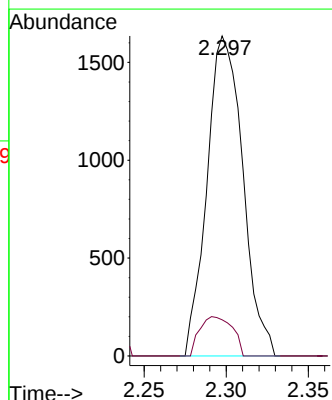
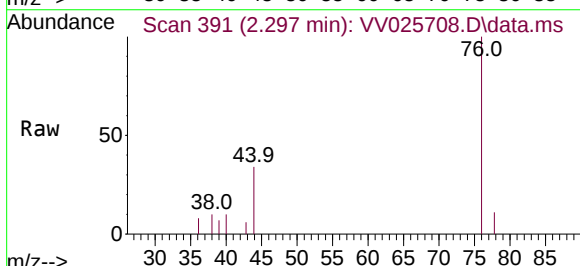
Acq: 25 Apr 2022 11:53

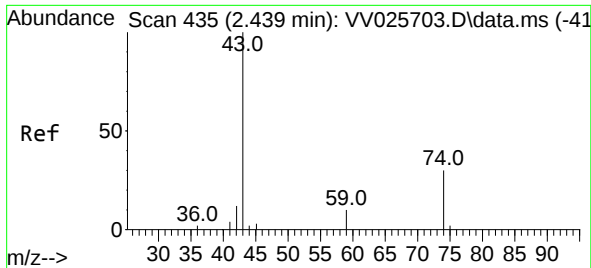
Tgt Ion: 76 Resp: 2482

Ion Ratio Lower Upper

76 100

78 11.3 7.3 10.9#

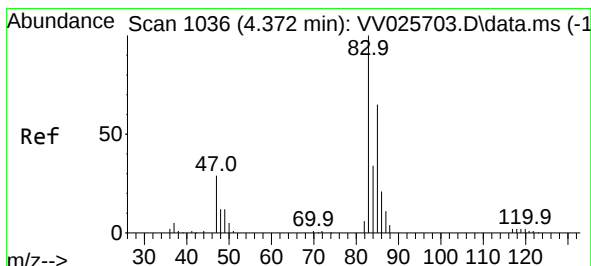
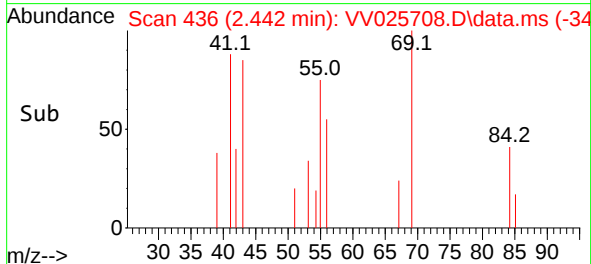
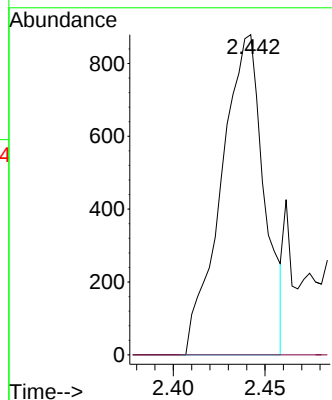
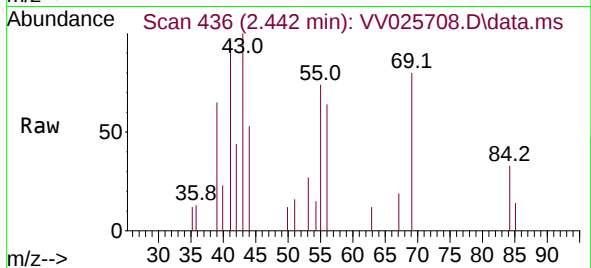




#15
Methyl Acetate
Concen: 0.585 ug/L
RT: 2.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025708.D
Acq: 25 Apr 2022 11:53

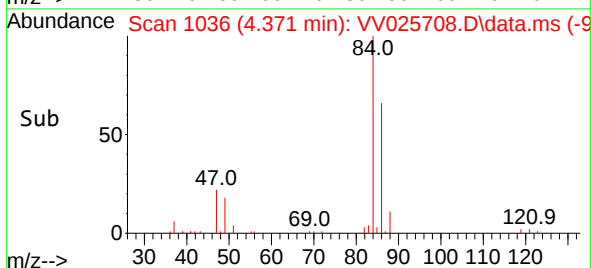
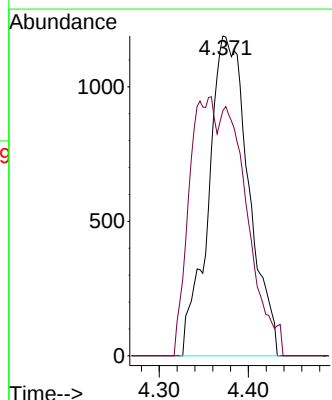
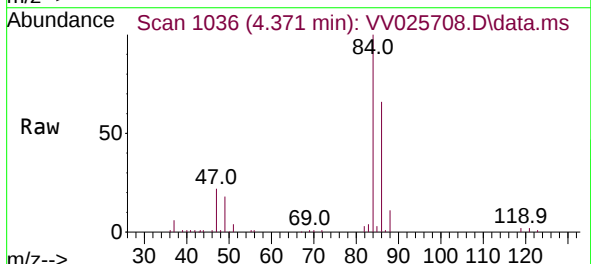
Instrument :
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ClientSampleId :
EW6X3

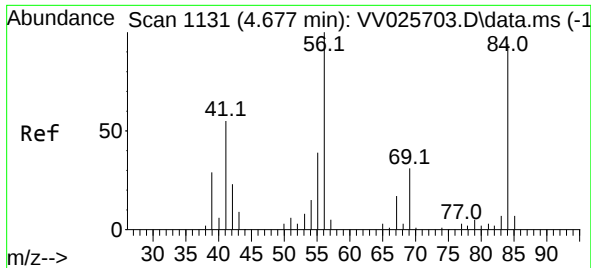
Tgt Ion: 43 Resp: 1433
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#



#25
Chloroform
Concen: 0.199 ug/L
RT: 4.371 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VV025708.D
Acq: 25 Apr 2022 11:53

Tgt Ion: 83 Resp: 3715
Ion Ratio Lower Upper
83 100
85 76.7 43.5 80.7

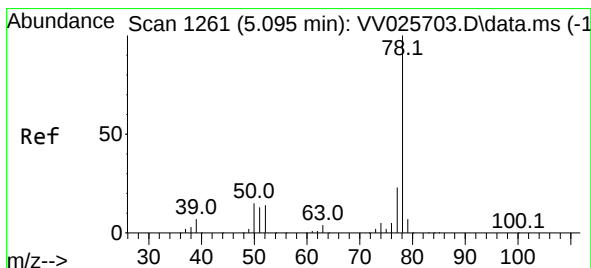
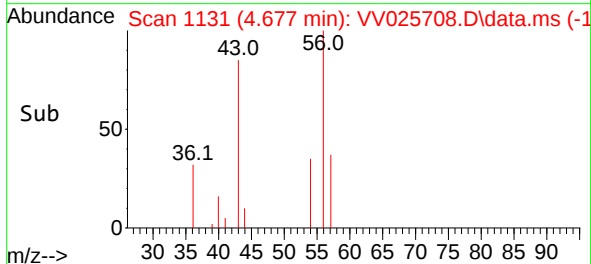
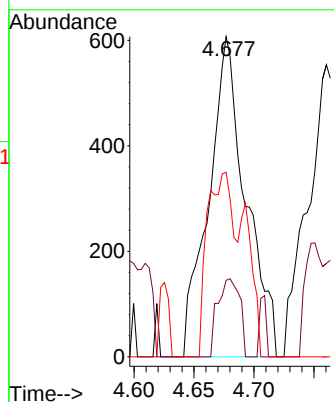
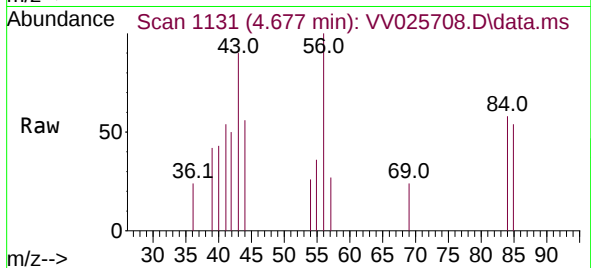




#30
Cyclohexane
Concen: 0.083 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VV025708.D
Acq: 25 Apr 2022 11:53

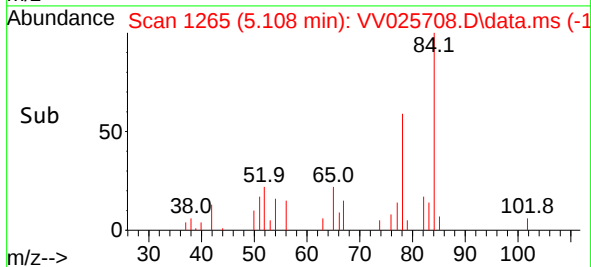
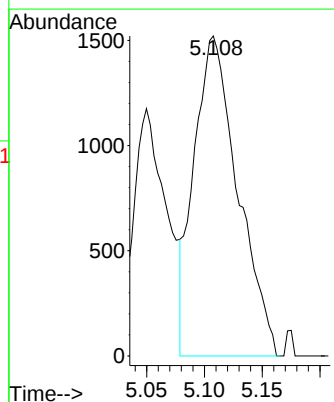
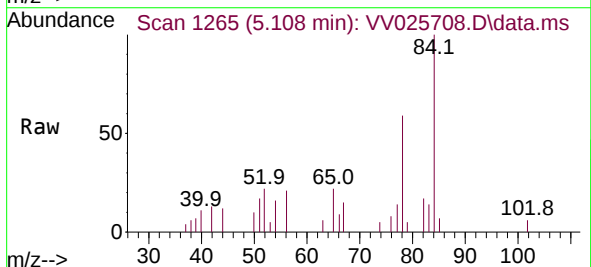
Instrument :
MSVOA_V
ClientSampleId :
EW6X3

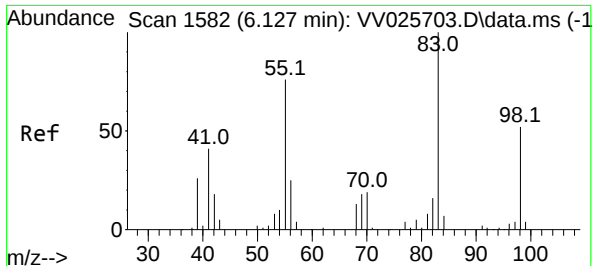
Tgt Ion: 56 Resp: 1305
Ion Ratio Lower Upper
56 100
69 14.4 26.1 39.1#
84 41.7 78.6 118.0#



#33
Benzene
Concen: 0.093 ug/L
RT: 5.108 min Scan# 1265
Delta R.T. 0.013 min
Lab File: VV025708.D
Acq: 25 Apr 2022 11:53

Tgt Ion: 78 Resp: 4002





#35

Methylcyclohexane

Concen: 0.083 ug/L

RT: 6.140 min Scan# 1586

Delta R.T. 0.013 min

Lab File: VV025708.D

Acq: 25 Apr 2022 11:53

Instrument :

MSVOA_V

ClientSampleId :

EW6X3

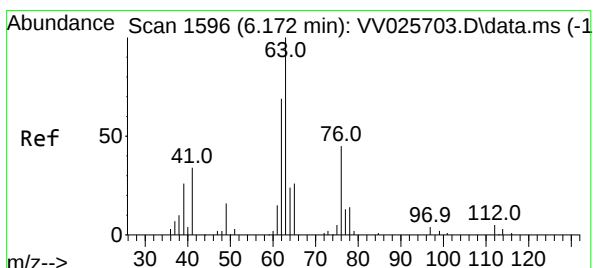
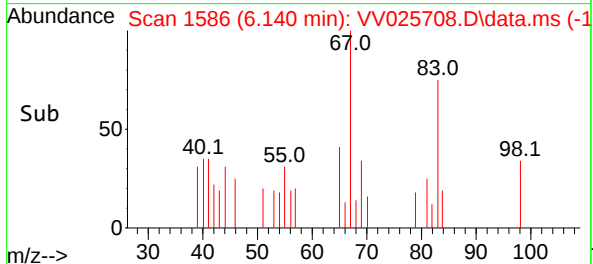
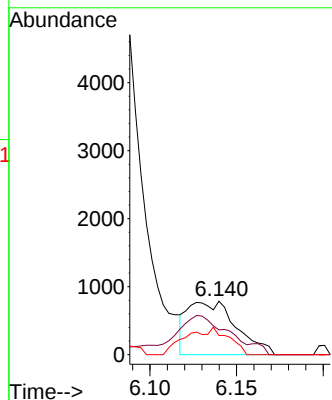
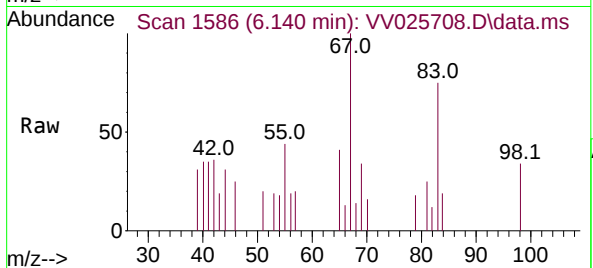
Tgt Ion: 83 Resp: 1529

Ion Ratio Lower Upper

83 100

55 85.4 53.7 80.5#

98 21.5 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 1.054 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV025708.D

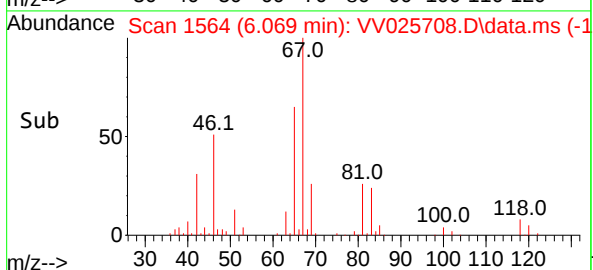
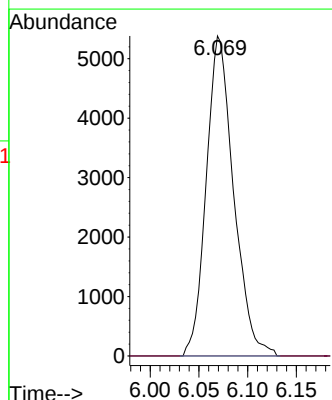
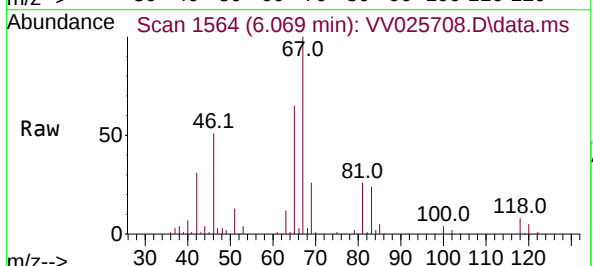
Acq: 25 Apr 2022 11:53

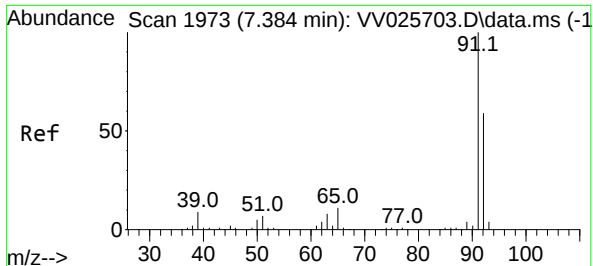
Tgt Ion: 63 Resp: 10544

Ion Ratio Lower Upper

63 100

112 0.6 3.8 5.8#





#42

Toluene

Concen: 0.344 ug/L

RT: 7.397 min Scan# 1973

Delta R.T. 0.013 min

Lab File: VV025708.D

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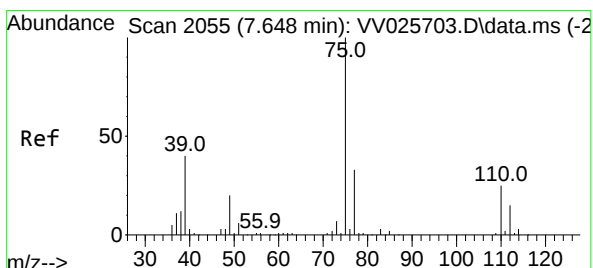
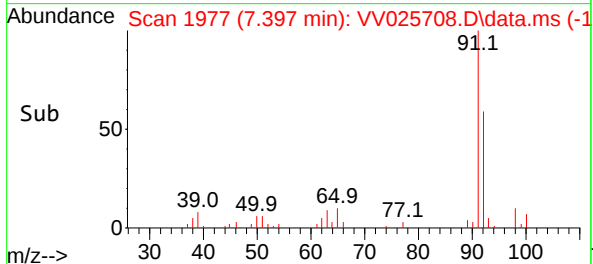
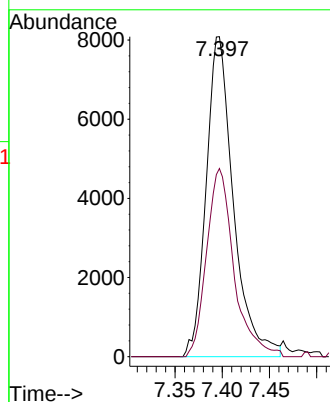
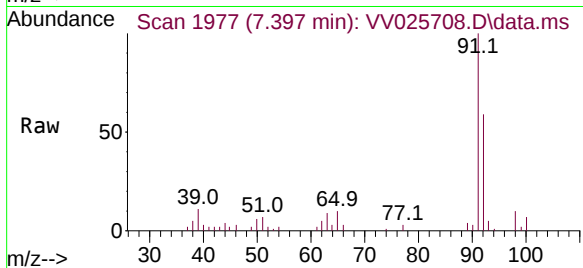
EW6X3

Tgt Ion: 91 Resp: 16187

Ion Ratio Lower Upper

91 100

92 58.8 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.130 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.026 min

Lab File: VV025708.D

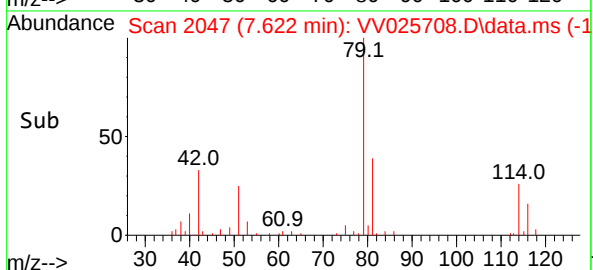
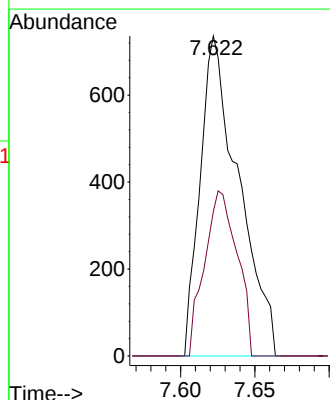
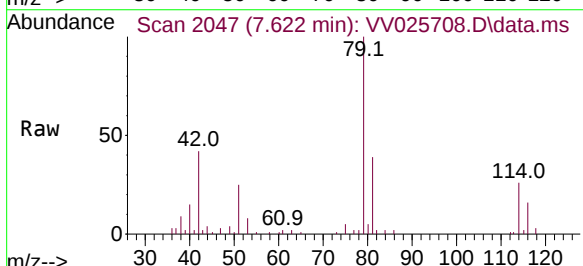
Acq: 25 Apr 2022 11:53

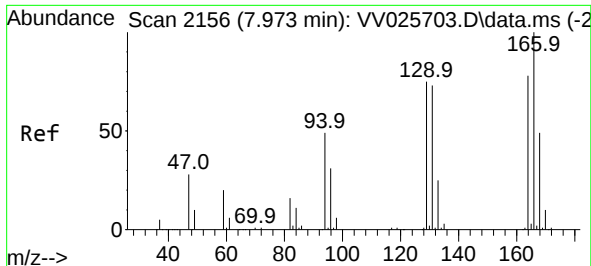
Tgt Ion: 75 Resp: 1321

Ion Ratio Lower Upper

75 100

77 45.1 21.7 40.3#





#47

Tetrachloroethene

Concen: 0.311 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025708.D

Acq: 25 Apr 2022 11:53

Instrument :

MSVOA_V

ClientSampleId :

EW6X3

Tgt Ion:164 Resp: 2795

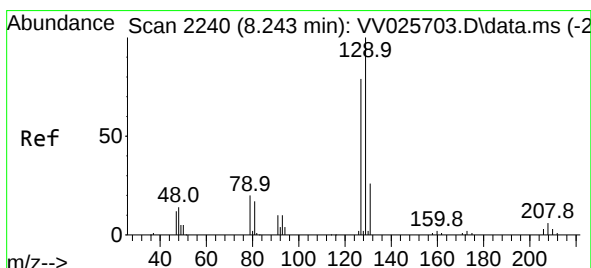
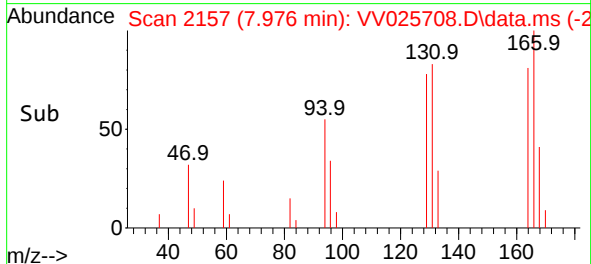
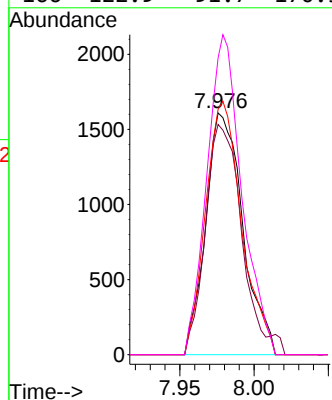
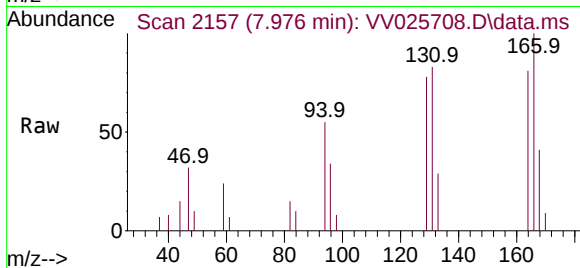
Ion Ratio Lower Upper

164 100

129 95.2 66.8 124.2

131 101.6 66.4 123.4

166 122.9 91.7 170.3



#49

Dibromochloromethane

Concen: 0.356 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025708.D

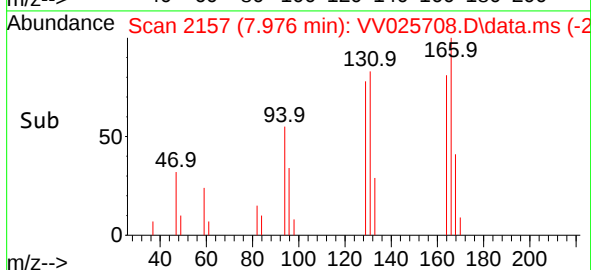
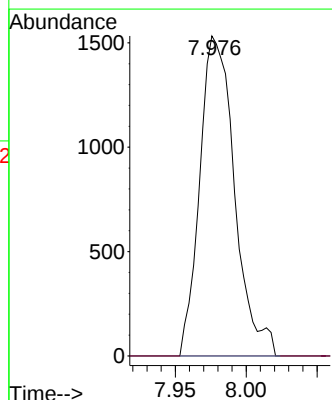
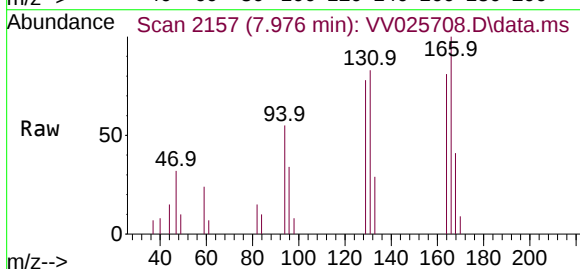
Acq: 25 Apr 2022 11:53

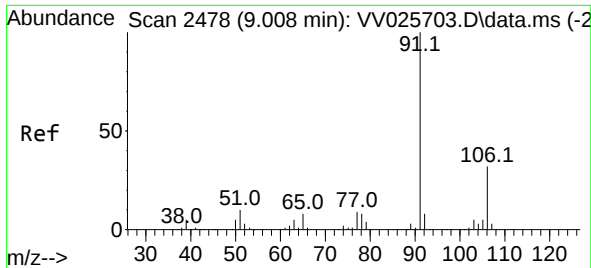
Tgt Ion:129 Resp: 2618

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#

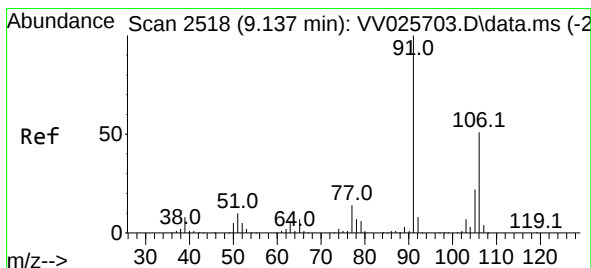
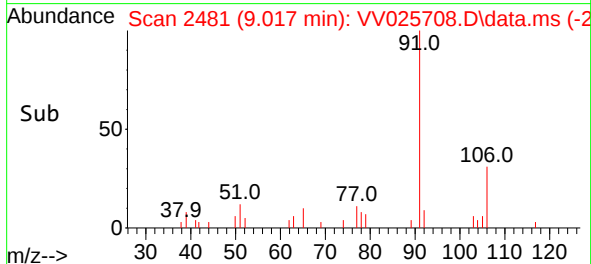
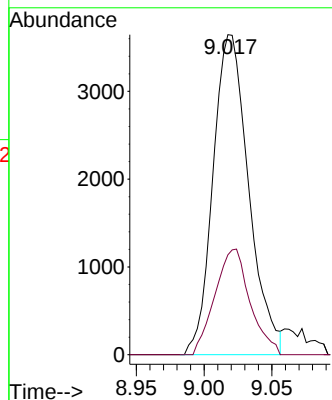
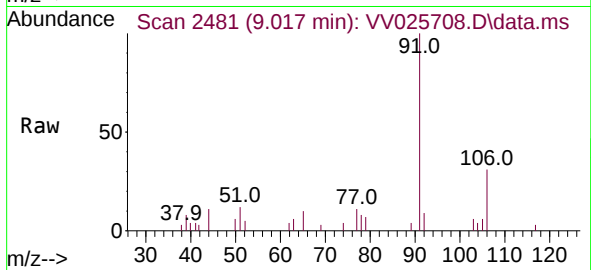




#52
Ethylbenzene
Concen: 0.133 ug/L
RT: 9.017 min Scan# 2478
Delta R.T. 0.009 min
Lab File: VV025708.D
Acq: 25 Apr 2022 11:53

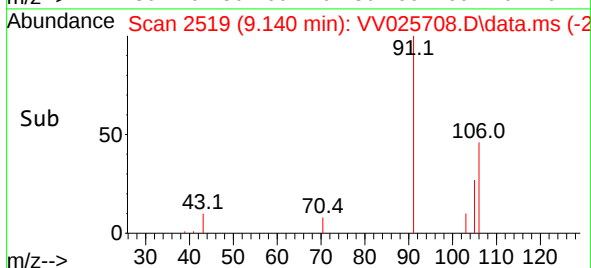
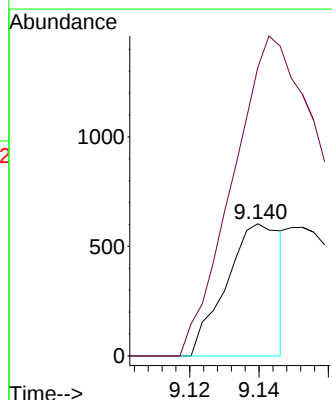
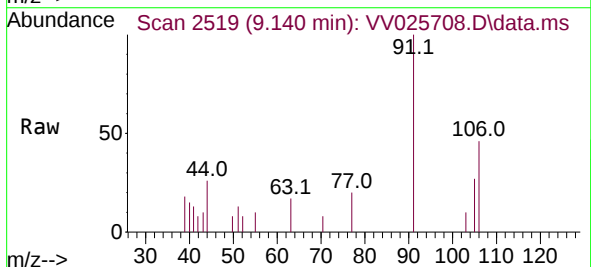
Instrument :
MSVOA_V
ClientSampleId :
EW6X3

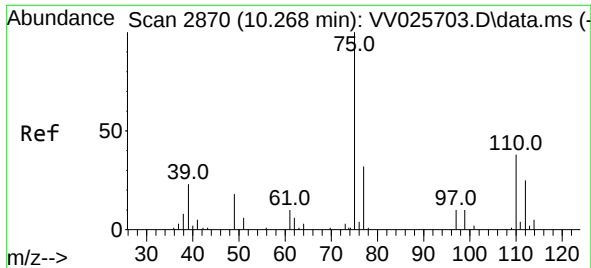
Tgt Ion: 91 Resp: 6675
Ion Ratio Lower Upper
91 100
106 31.2 22.3 41.3



#53
m,p-Xylene
Concen: 0.035 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV025708.D
Acq: 25 Apr 2022 11:53

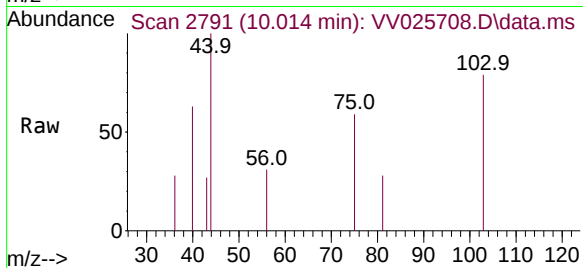
Tgt Ion: 106 Resp: 661
Ion Ratio Lower Upper
106 100
91 218.4 136.4 253.4





#61
 1,2,3-Trichloropropane
 Concen: 0.074 ug/L
 RT: 10.014 min Scan# 21
 Delta R.T. -0.254 min
 Lab File: VV025708.D
 Acq: 25 Apr 2022 11:53

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6X3



Tgt Ion: 75	Resp:	323
Ion Ratio	Lower	Upper
75	100	
77	0.0	25.6
110	0.0	34.7

