

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025597.D
 Acq On : 16 Apr 2022 03:49
 Operator : SY/MD
 Sample : N2438-08
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6S6

Quant Time: Apr 16 04:51:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 04:36:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	111459	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	108121	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	46704	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	45263	4.368	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.568	69	46668	4.233	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.600%
11) 1,1-Dichloroethene-d2	2.108	63	69668	3.356	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.200%
20) 2-Butanone-d5	3.928	46	74335	58.973	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.940%
24) Chloroform-d	4.352	84	75494	4.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.040	65	38448	5.699	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.000%
32) Benzene-d6	5.053	84	142019	4.540	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.072	67	46286	5.305	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.317	98	111028	3.824	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.625	79	11953	4.076	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.600%
46) 2-Hexanone-d5	8.092	63	59355	57.671	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.340%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31703	5.752	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	38094	4.865	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.217	50	452	0.041	ug/L #	41
15) Methyl Acetate	2.439	43	1733	0.911	ug/L #	43
25) Chloroform	4.384	83	5158	0.356	ug/L	100
30) Cyclohexane	4.674	56	780	0.067	ug/L #	44
33) Benzene	5.108	78	5621	0.176	ug/L	100
35) Methylcyclohexane	6.133	83	1002	0.074	ug/L	89
37) 1,2-Dichloropropane	6.072	63	5208	0.705	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1020	0.105	ug/L	89
42) Toluene	7.397	91	10845	0.312	ug/L	94
47) Tetrachloroethene	7.979	164	567	0.085	ug/L #	85
49) Dibromochloromethane	7.982	129	608	0.112	ug/L #	11
52) Ethylbenzene	9.018	91	5564	0.150	ug/L	99
53) m,p-Xylene	9.143	106	1746	0.124	ug/L	72
54) o-Xylene	9.555	106	815	0.060	ug/L	64
60) Isopropylbenzene	10.455	105	1473	0.051	ug/L #	78
61) 1,2,3-Trichloropropane	11.249	75	6159	2.002	ug/L #	60
62) 1,3,5-Trimethylbenzene	10.542	105	469	0.036	ug/L #	81
63) 1,2,4-Trimethylbenzene	10.918	105	1924	0.083	ug/L	89
68) 1,2-Dibromo-3-chloropr...	12.252	75	291	0.547	ug/L #	41

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QLast Update : Sat Apr 16 04:36:16 2022
Response via : Initial Calibration

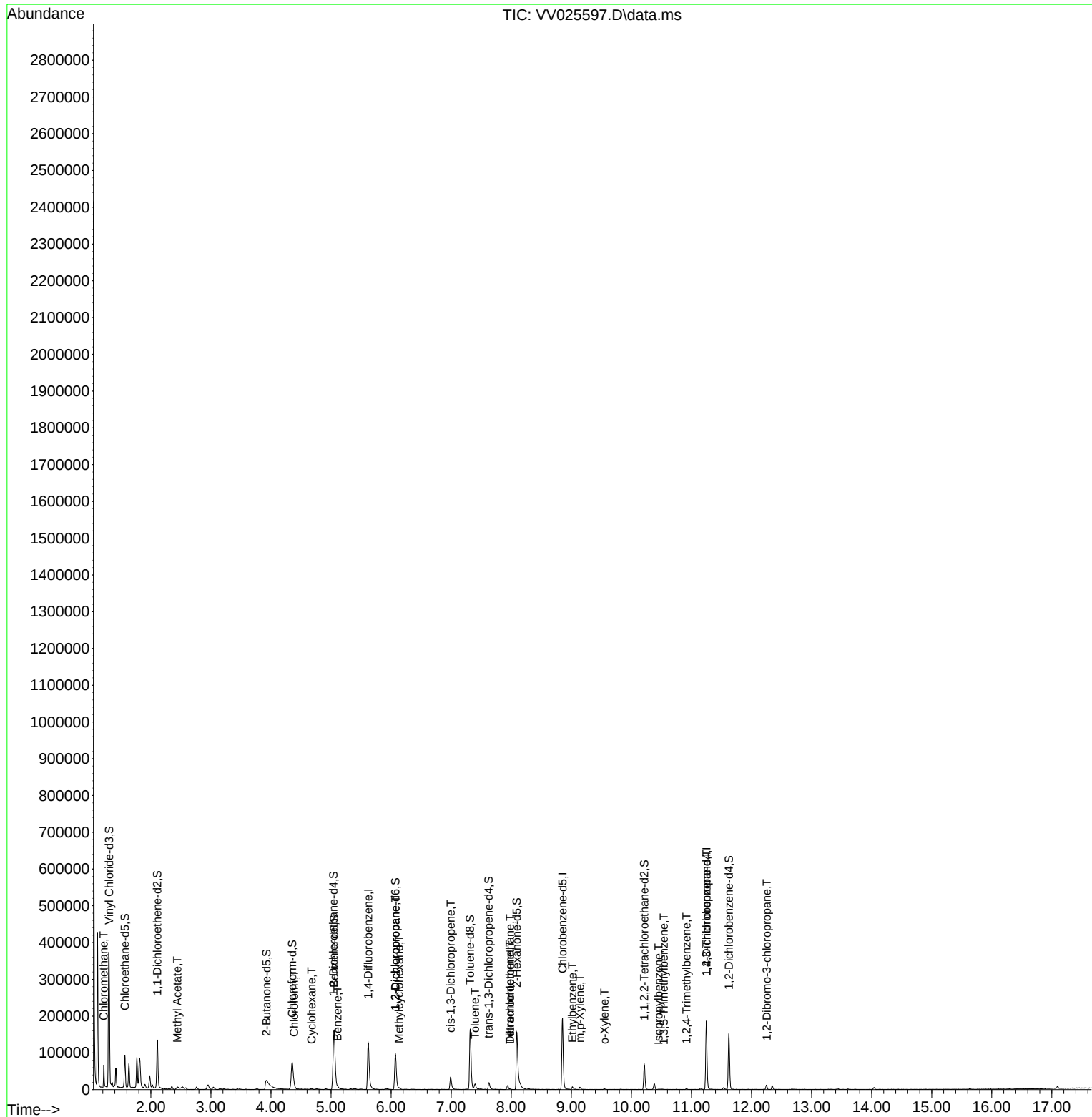
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

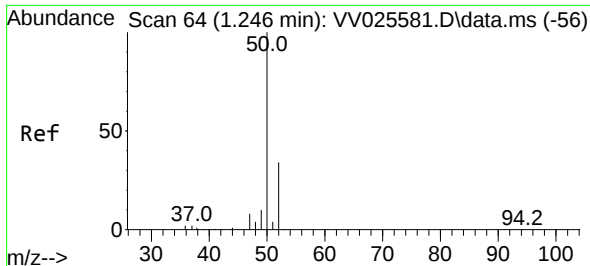
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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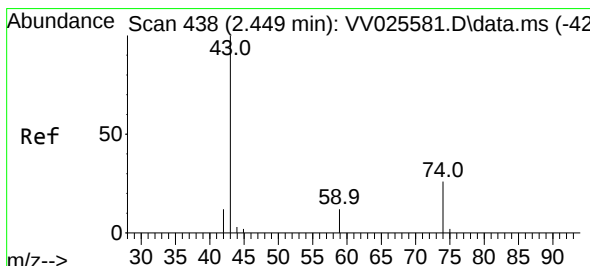
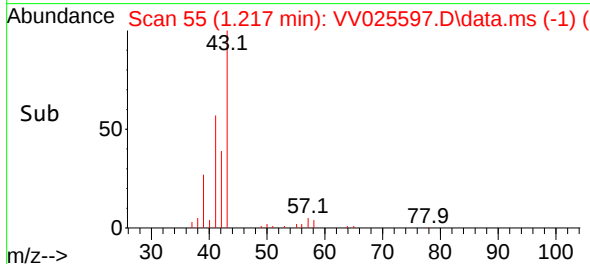
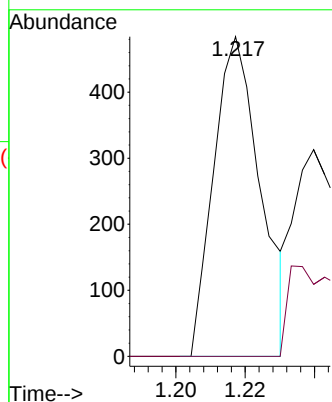
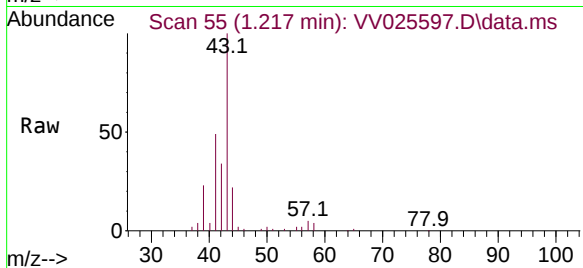




#3
Chloromethane
Concen: 0.041 ug/L
RT: 1.217 min Scan# 51
Delta R.T. -0.029 min
Lab File: VV025597.D
Acq: 16 Apr 2022 03:49

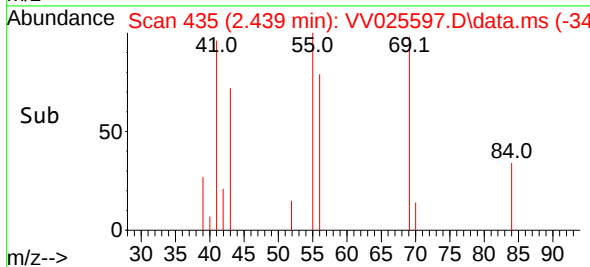
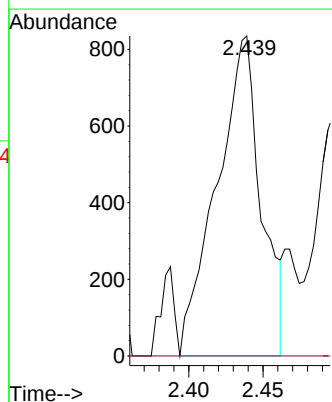
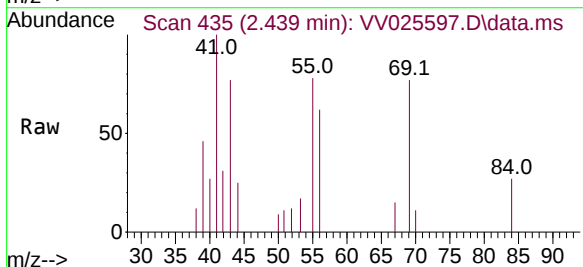
Instrument :
MSVOA_V
ClientSampleId :
EW6S6

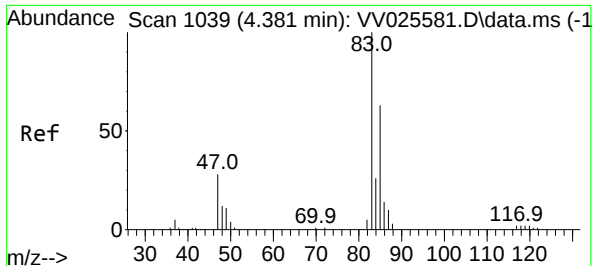
Tgt Ion: 50 Resp: 452
Ion Ratio Lower Upper
50 100
52 0.0 23.7 43.9#



#15
Methyl Acetate
Concen: 0.911 ug/L
RT: 2.439 min Scan# 435
Delta R.T. -0.010 min
Lab File: VV025597.D
Acq: 16 Apr 2022 03:49

Tgt Ion: 43 Resp: 1733
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#





#25

Chloroform

Concen: 0.356 ug/L

RT: 4.384 min Scan# 110

Delta R.T. 0.003 min

Lab File: VV025597.D

Acq: 16 Apr 2022 03:49

Instrument :

MSVOA_V

ClientSampleId :

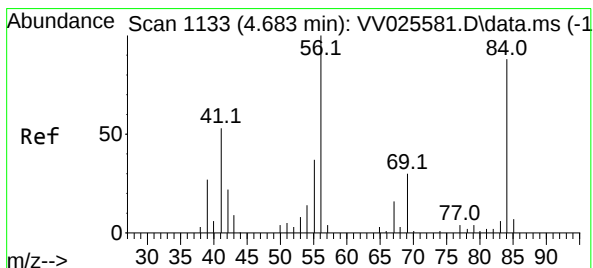
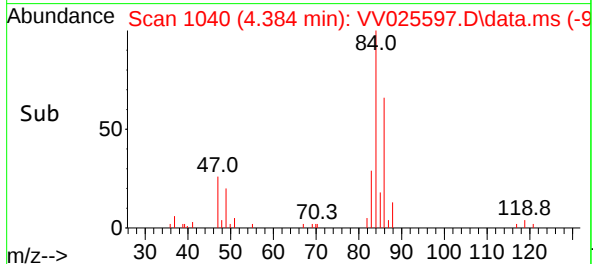
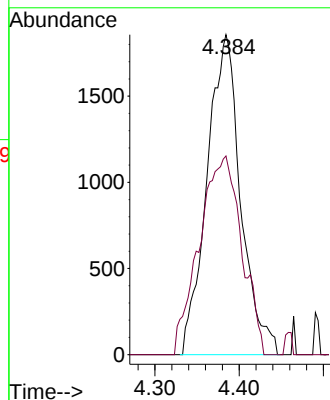
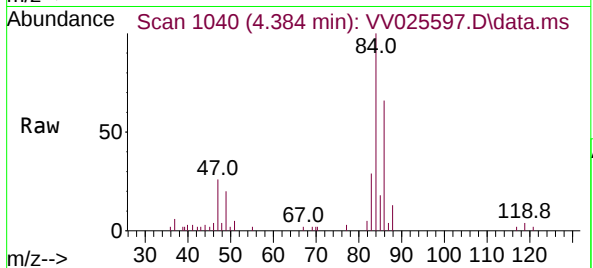
EW6S6

Tgt Ion: 83 Resp: 5158

Ion Ratio Lower Upper

83 100

85 62.1 43.5 80.7



#30

Cyclohexane

Concen: 0.067 ug/L

RT: 4.674 min Scan# 1130

Delta R.T. -0.010 min

Lab File: VV025597.D

Acq: 16 Apr 2022 03:49

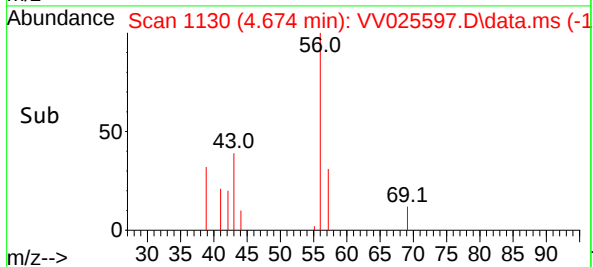
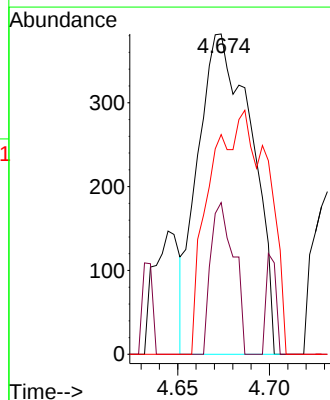
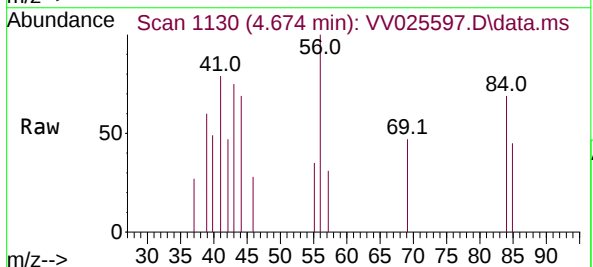
Tgt Ion: 56 Resp: 780

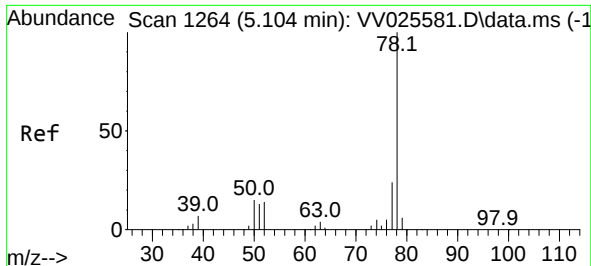
Ion Ratio Lower Upper

56 100

69 20.4 26.1 39.1#

84 31.0 78.6 118.0#

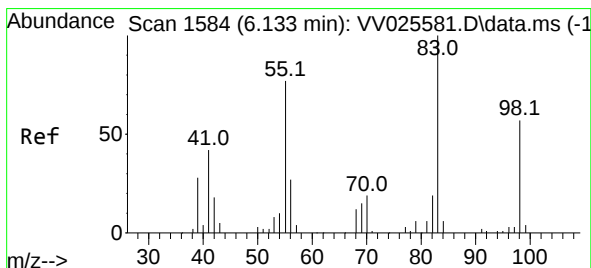
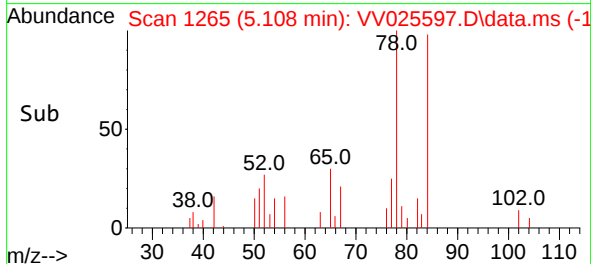
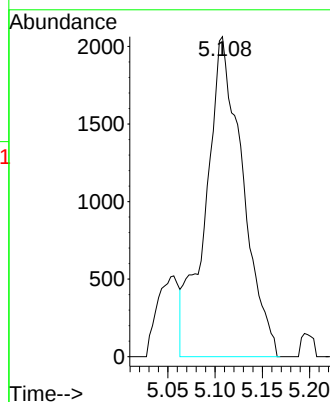
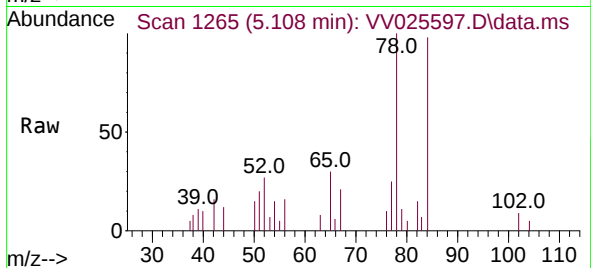




#33
Benzene
Concen: 0.176 ug/L
RT: 5.108 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV025597.D
Acq: 16 Apr 2022 03:49

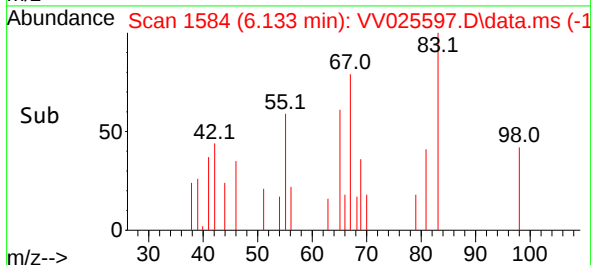
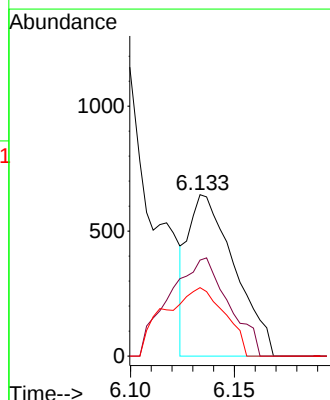
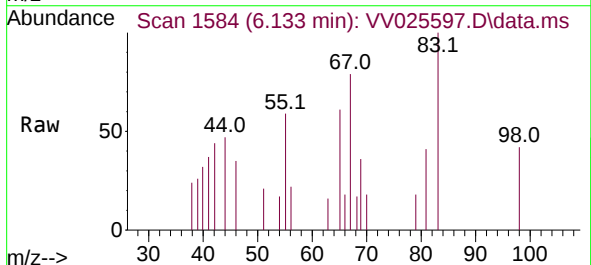
Instrument :
MSVOA_V
ClientSampleId :
EW6S6

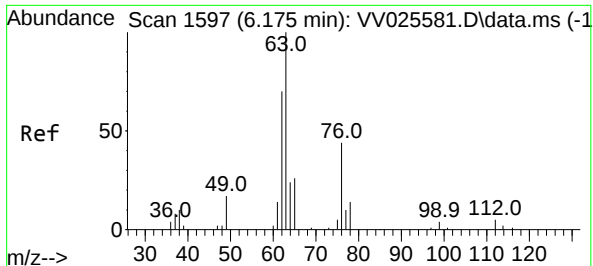
Tgt Ion: 78 Resp: 5621



#35
Methylcyclohexane
Concen: 0.074 ug/L
RT: 6.133 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VV025597.D
Acq: 16 Apr 2022 03:49

Tgt Ion: 83 Resp: 1002
Ion Ratio Lower Upper
83 100
55 78.0 53.7 80.5
98 55.0 39.6 59.4





#37

1,2-Dichloropropane

Concen: 0.705 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV025597.D

Acq: 16 Apr 2022 03:49

Instrument :

MSVOA_V

ClientSampleId :

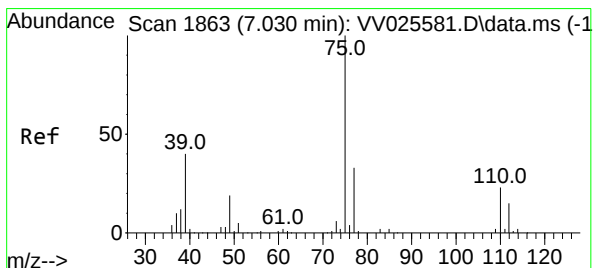
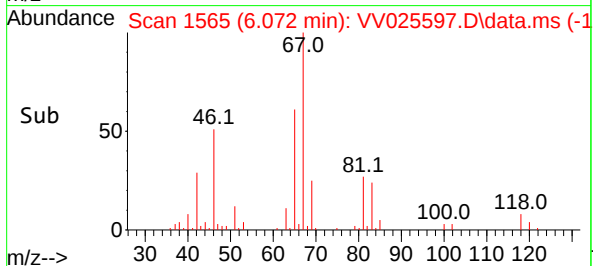
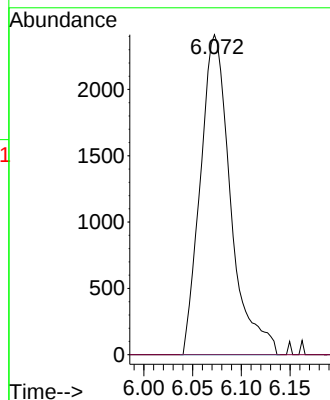
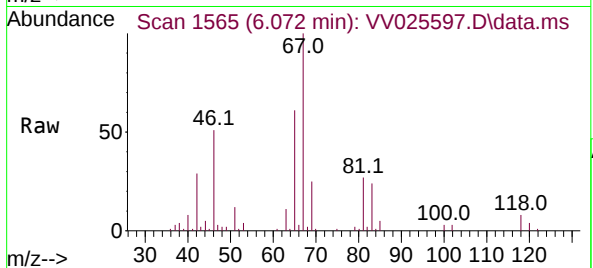
EW6S6

Tgt Ion: 63 Resp: 5208

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.039 min

Lab File: VV025597.D

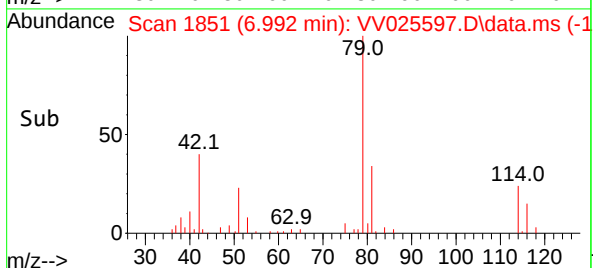
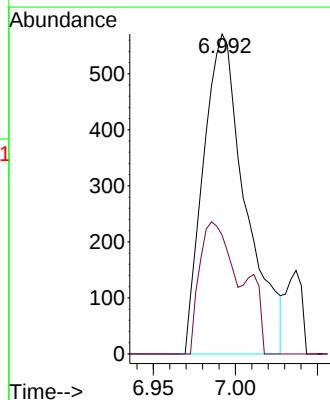
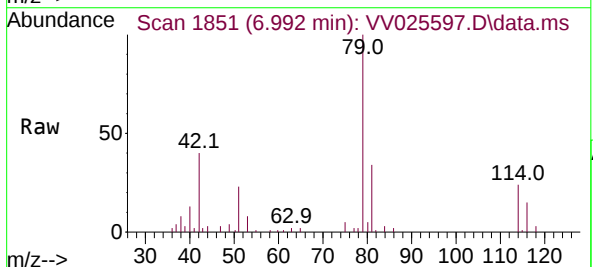
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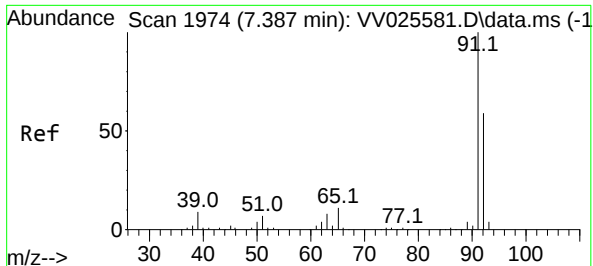
Tgt Ion: 75 Resp: 1020

Ion Ratio Lower Upper

75 100

77 37.1 21.8 40.6





#42

Toluene

Concen: 0.312 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV025597.D

Acq: 16 Apr 2022 03:49

Instrument :

MSVOA_V

ClientSampleId :

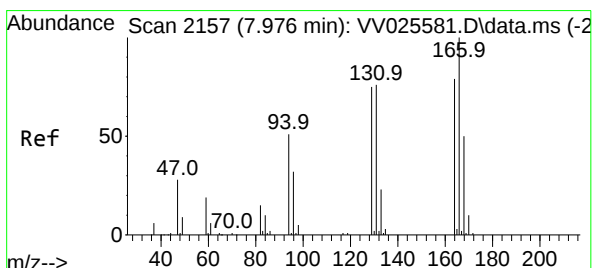
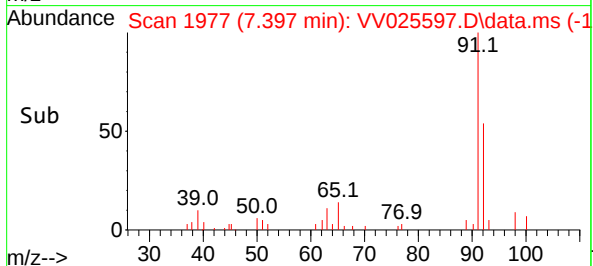
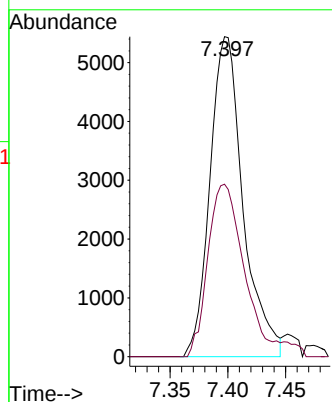
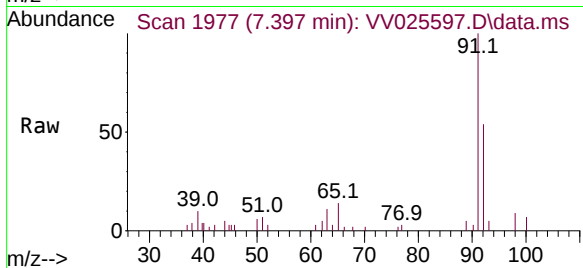
EW6S6

Tgt Ion: 91 Resp: 10845

Ion Ratio Lower Upper

91 100

92 53.9 40.8 75.8



#47

Tetrachloroethene

Concen: 0.085 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. 0.003 min

Lab File: VV025597.D

Acq: 16 Apr 2022 03:49

Tgt Ion: 164 Resp: 567

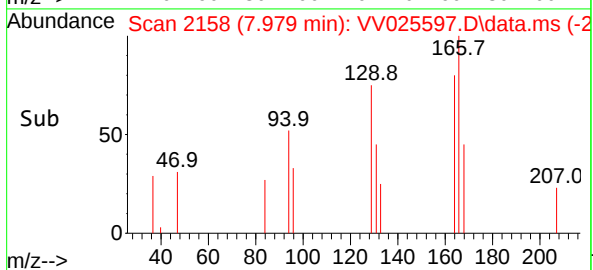
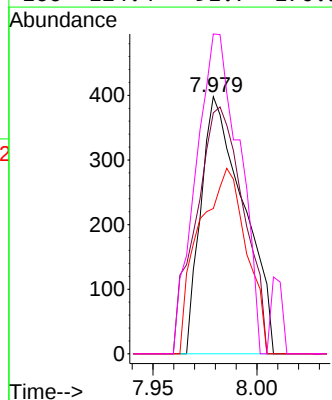
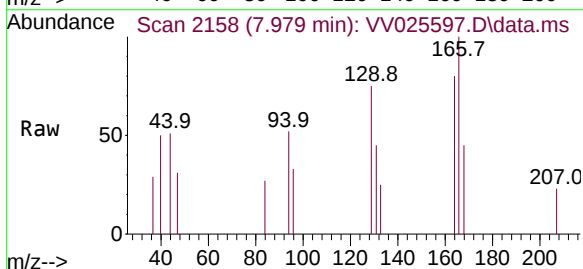
Ion Ratio Lower Upper

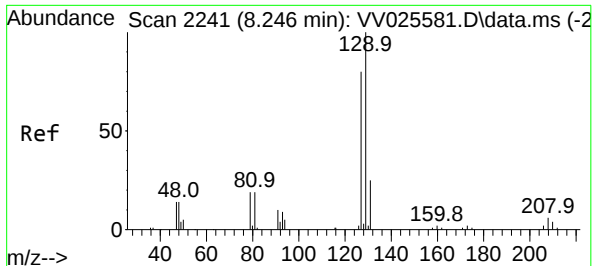
164 100

129 93.7 66.8 124.2

131 56.5 66.4 123.4#

166 124.4 91.7 170.3





#49

Dibromochloromethane

Concen: 0.112 ug/L

RT: 7.982 min Scan# 2159

Delta R.T. -0.264 min

Lab File: VV025597.D

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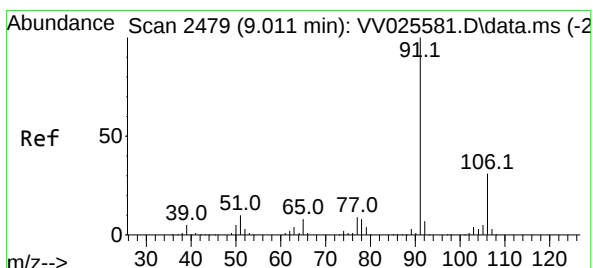
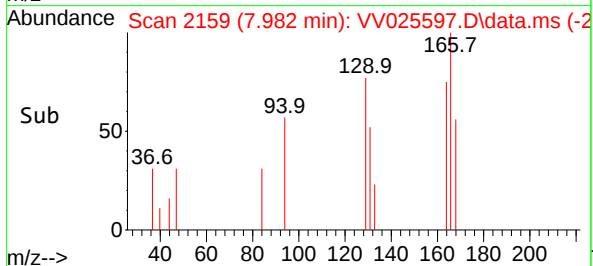
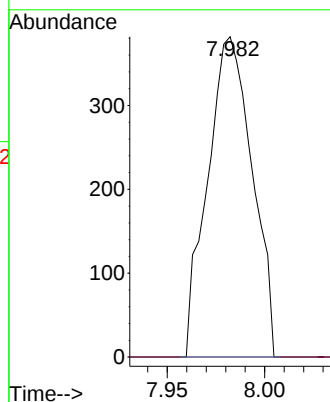
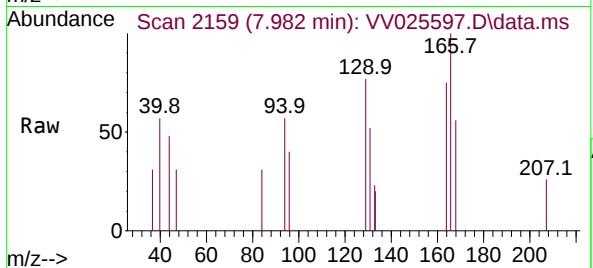
EW6S6

Tgt Ion:129 Resp: 608

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



#52

Ethylbenzene

Concen: 0.150 ug/L

RT: 9.018 min Scan# 2481

Delta R.T. 0.007 min

Lab File: VV025597.D

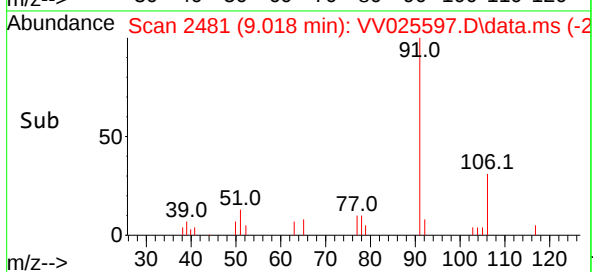
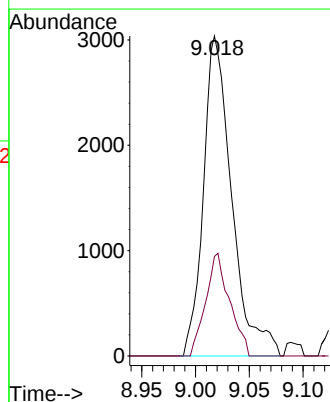
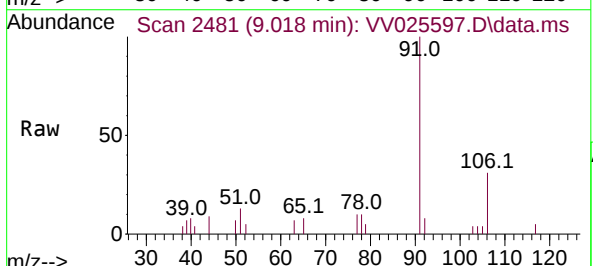
Acq: 16 Apr 2022 03:49

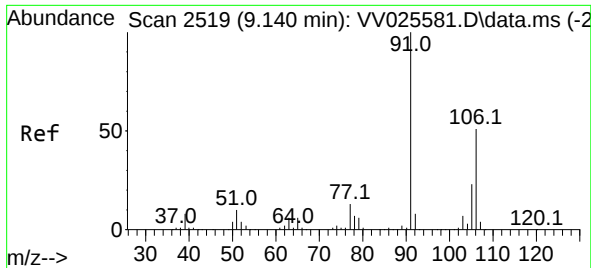
Tgt Ion: 91 Resp: 5564

Ion Ratio Lower Upper

91 100

106 31.1 22.3 41.3

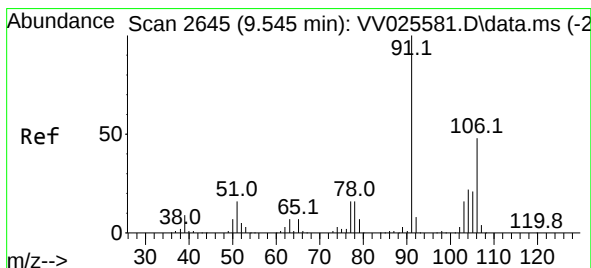
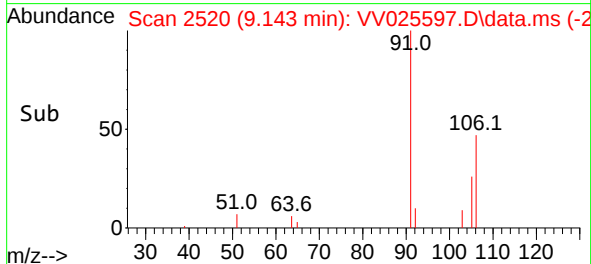
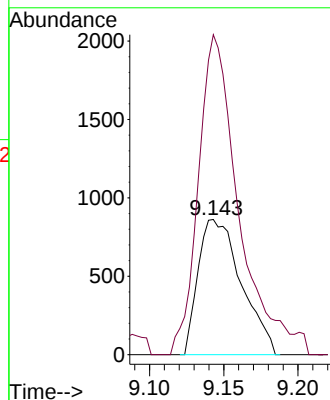
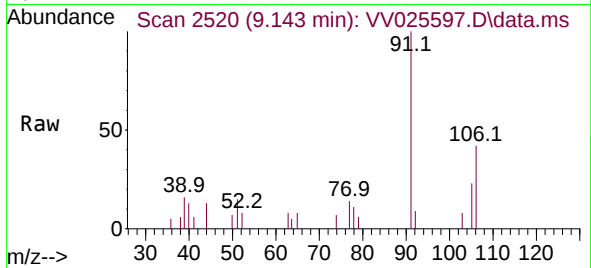




#53
m,p-Xylene
Concen: 0.124 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025597.D
Acq: 16 Apr 2022 03:49

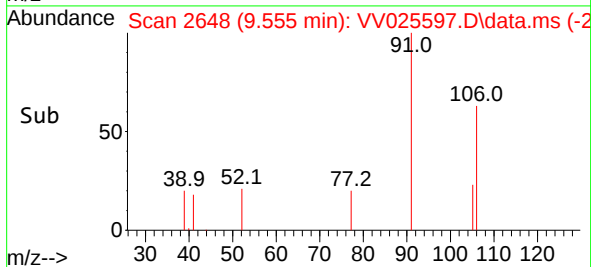
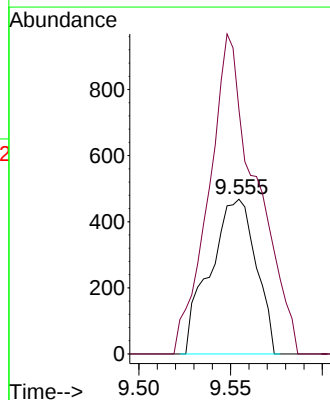
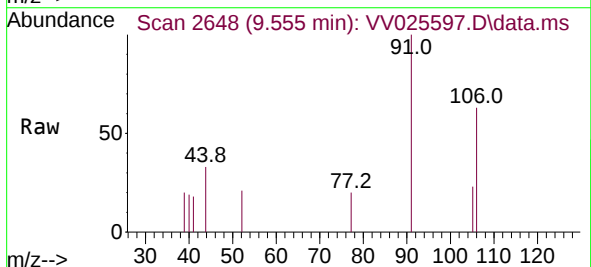
Instrument :
MSVOA_V
ClientSampleId :
EW6S6

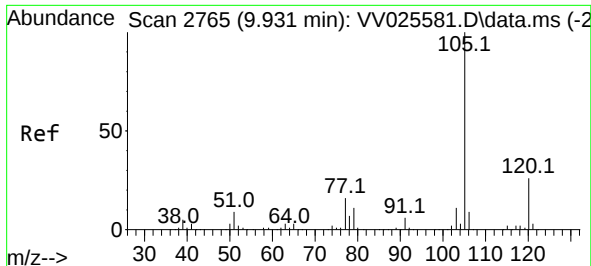
Tgt Ion:106 Resp: 1746
Ion Ratio Lower Upper
106 100
91 236.8 136.4 253.4



#54
o-Xylene
Concen: 0.060 ug/L
RT: 9.555 min Scan# 2648
Delta R.T. 0.010 min
Lab File: VV025597.D
Acq: 16 Apr 2022 03:49

Tgt Ion:106 Resp: 815
Ion Ratio Lower Upper
106 100
91 158.1 150.4 279.2

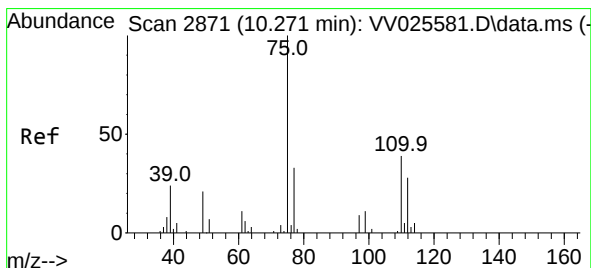
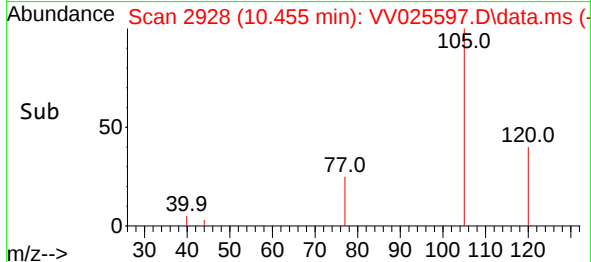
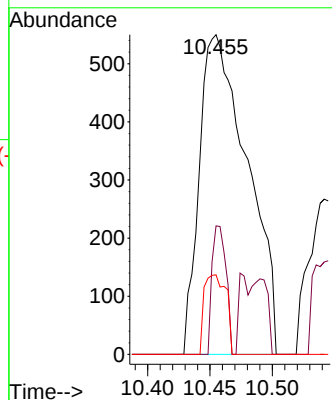
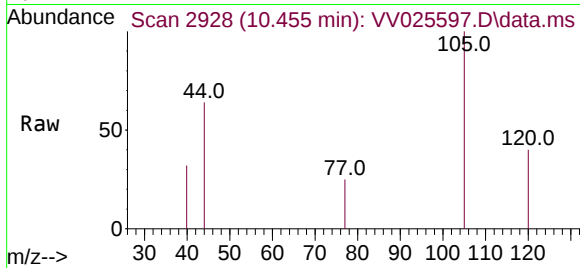




#60
Isopropylbenzene
Concen: 0.051 ug/L
RT: 10.455 min Scan# 2928
Delta R.T. 0.524 min
Lab File: VV025597.D
Acq: 16 Apr 2022 03:49

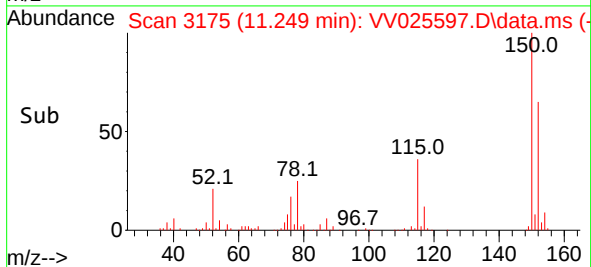
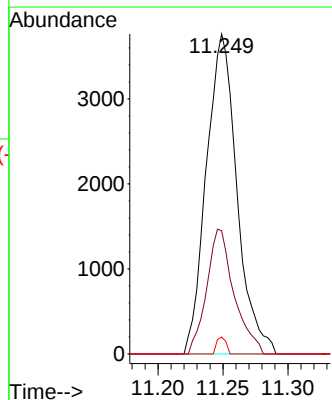
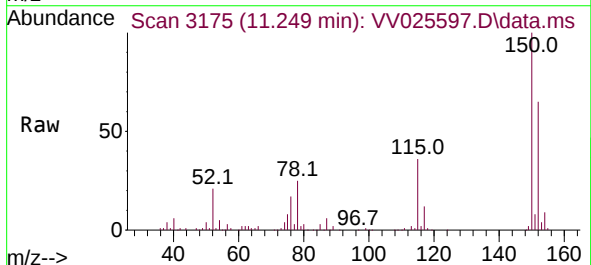
Instrument :
MSVOA_V
ClientSampleId :
EW6S6

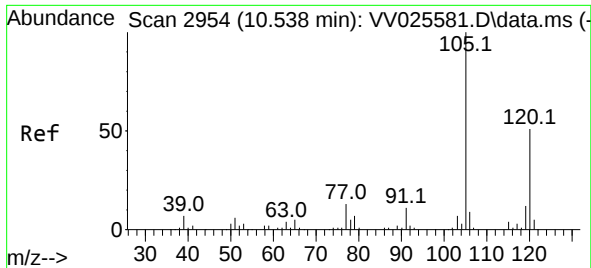
Tgt Ion:105 Resp: 1473
Ion Ratio Lower Upper
105 100
120 11.7 21.2 31.8#
77 11.3 12.2 18.2#



#61
1,2,3-Trichloropropane
Concen: 2.002 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.978 min
Lab File: VV025597.D
Acq: 16 Apr 2022 03:49

Tgt Ion: 75 Resp: 6159
Ion Ratio Lower Upper
75 100
77 34.9 25.6 38.4
110 1.6 34.7 52.1#

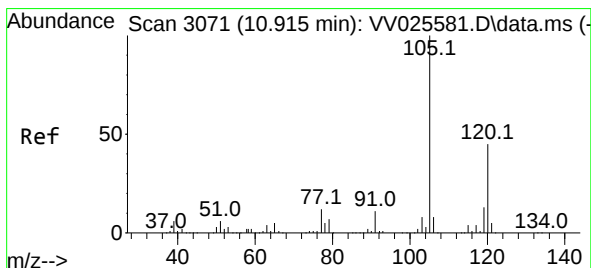
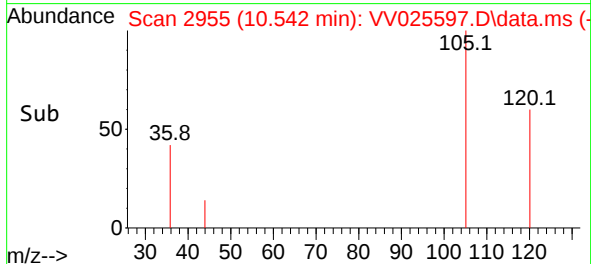
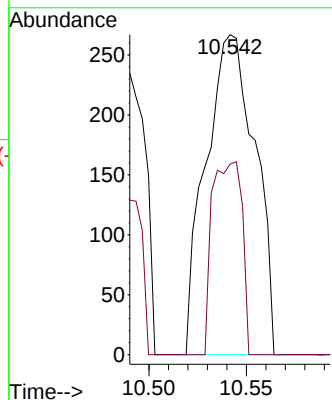
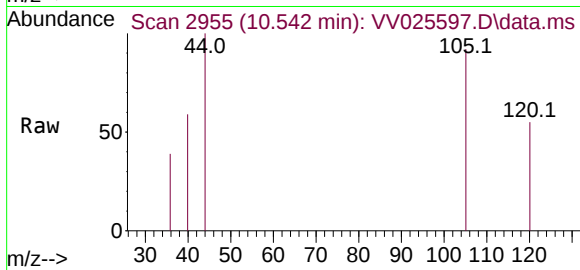




#62
1,3,5-Trimethylbenzene
Concen: 0.036 ug/L
RT: 10.542 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VV025597.D
Acq: 16 Apr 2022 03:49

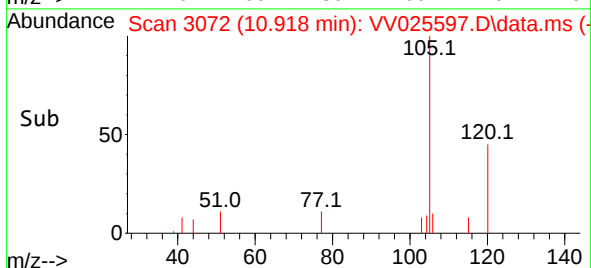
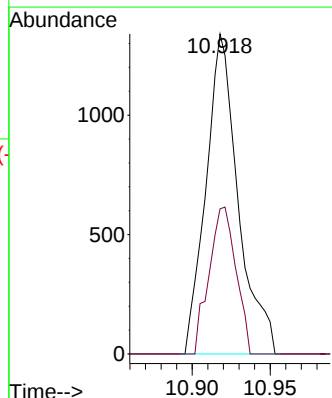
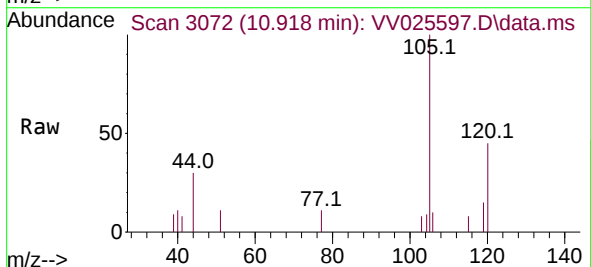
Instrument :
MSVOA_V
ClientSampleId :
EW6S6

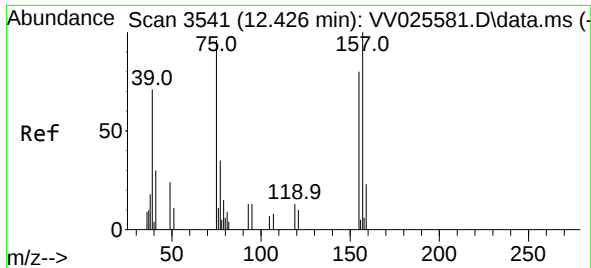
Tgt Ion:105 Resp: 469
Ion Ratio Lower Upper
105 100
120 36.5 39.6 59.4#



#63
1,2,4-Trimethylbenzene
Concen: 0.083 ug/L
RT: 10.918 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VV025597.D
Acq: 16 Apr 2022 03:49

Tgt Ion:105 Resp: 1924
Ion Ratio Lower Upper
105 100
120 38.3 36.6 55.0





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.547 ug/L
 RT: 12.252 min Scan# 34
 Delta R.T. -0.174 min
 Lab File: VV025597.D
 Acq: 16 Apr 2022 03:49

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6S6

Tgt Ion: 75 Resp: 291
 Ion Ratio Lower Upper
 75 100
 155 81.2 65.8 98.8
 157 0.0 86.6 130.0#

