

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031822\
 Data File : VW025097.D
 Acq On : 18 Mar 2022 14:59
 Operator : SY/MD
 Sample : N2018-01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Q78

Quant Time: Mar 19 00:55:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

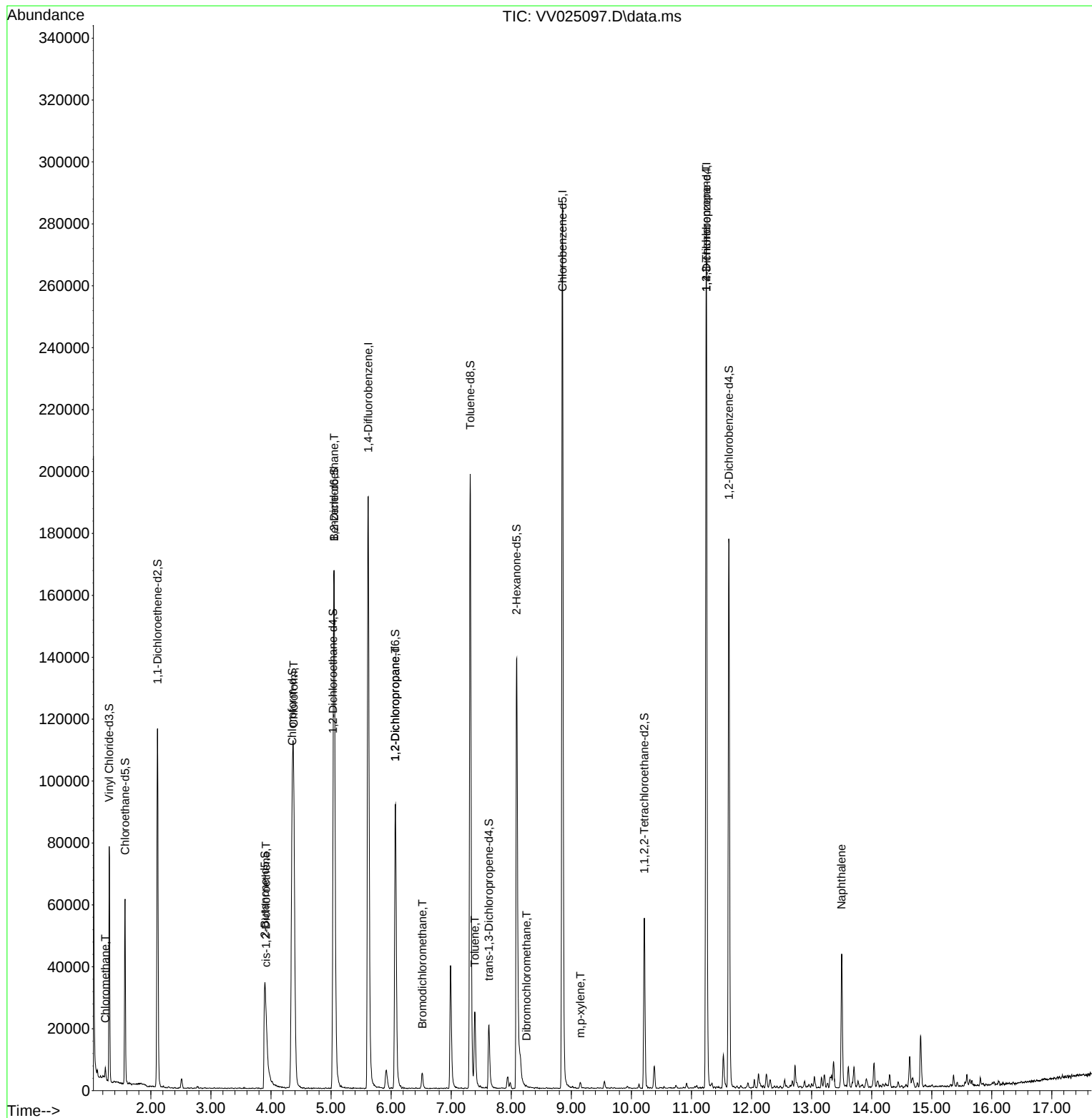
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	173292	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	167151	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	71908	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48126	3.518	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.400%
7) Chloroethane-d5	1.571	69	37358	3.729	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.111	63	60818	2.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.000%#
20) 2-Butanone-d5	3.899	46	68808	41.616	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.240%
24) Chloroform-d	4.352	84	81669	3.599	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.000%
26) 1,2-Dichloroethane-d4	5.034	65	34004	3.584	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
32) Benzene-d6	5.053	84	163881	3.380	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.600%#
36) 1,2-Dichloropropane-d6	6.069	67	48033	3.445	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.800%
41) Toluene-d8	7.317	98	137830	3.119	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.400%#
43) trans-1,3-Dichloroprop...	7.629	79	14548	2.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.800%
46) 2-Hexanone-d5	8.088	63	52207	31.488	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	62.980%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	28643	3.492	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	69.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	45089	3.704	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.000%#
Target Compounds						Qvalue
3) Chloromethane	1.243	50	2557	0.177	ug/L	90
22) cis-1,2-Dichloroethene	3.918	96	1067	0.080	ug/L	83
25) Chloroform	4.378	83	89566	3.804	ug/L	98
27) 1,2-Dichloroethane	5.053	62	690	0.059	ug/L #	71
37) 1,2-Dichloropropane	6.069	63	5064	0.405	ug/L #	86
38) Bromodichloromethane	6.519	83	3976	0.252	ug/L	98
42) Toluene	7.394	91	20195	0.355	ug/L	98
49) Dibromochloromethane	8.252	129	302	0.032	ug/L	80
53) m,p-xylene	9.153	106	880	0.038	ug/L	70
61) 1,2,3-Trichloropropane	11.246	75	9171	1.516	ug/L #	67
71) Naphthalene	13.500	128	35373	1.645	ug/L	98

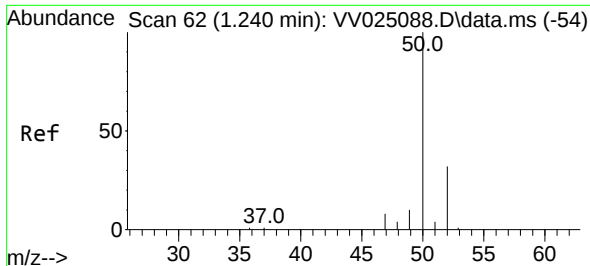
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Mar 19 00:53:30 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.177 ug/L

RT: 1.243 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV025097.D

Acq: 18 Mar 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

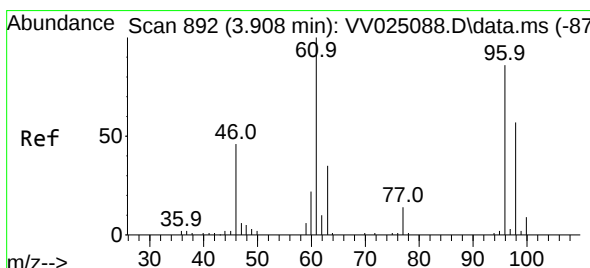
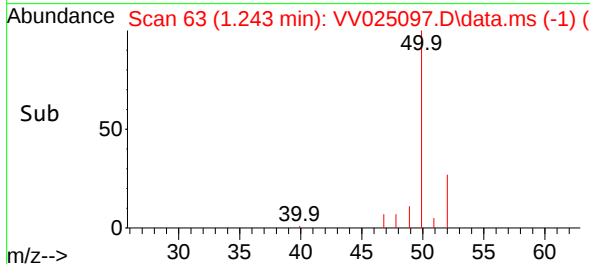
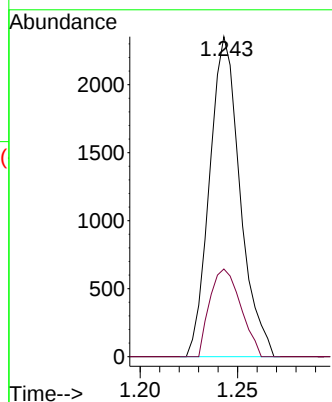
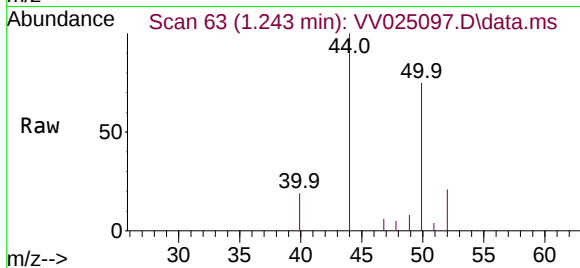
C0Q78

Tgt Ion: 50 Resp: 2557

Ion Ratio Lower Upper

50 100

52 27.4 23.2 43.2



#22

cis-1,2-Dichloroethene

Concen: 0.080 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.010 min

Lab File: VV025097.D

Acq: 18 Mar 2022 14:59

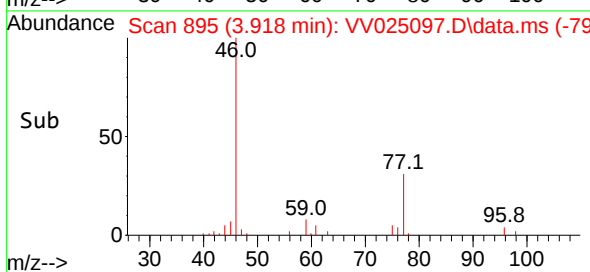
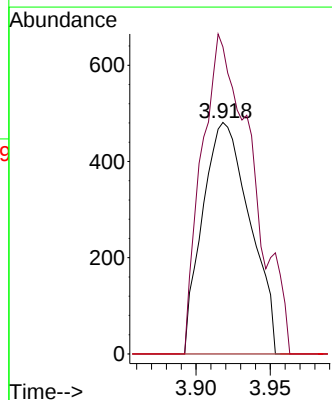
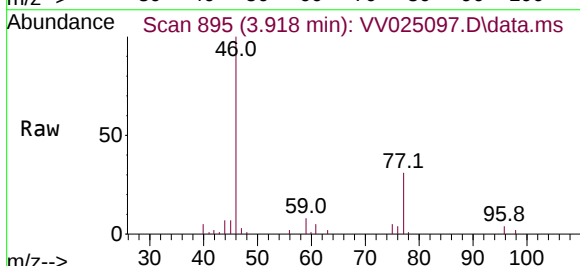
Tgt Ion: 96 Resp: 1067

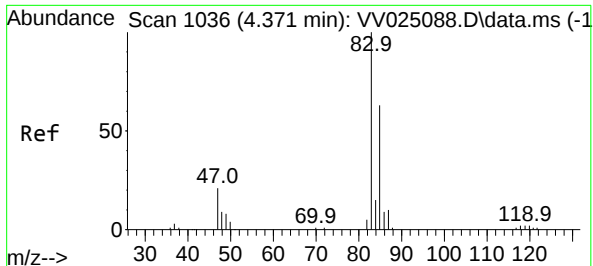
Ion Ratio Lower Upper

96 100

61 132.6 79.7 147.9

68 0.0 0.0 0.0





#25

Chloroform

Concen: 3.804 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV025097.D

Acq: 18 Mar 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

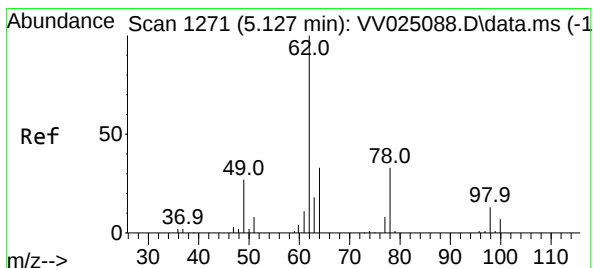
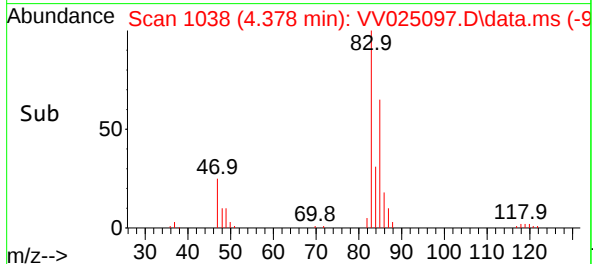
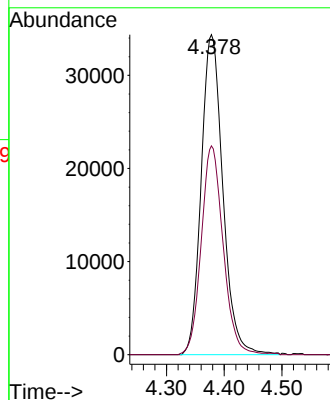
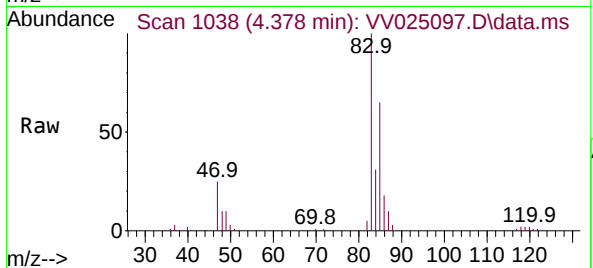
C0Q78

Tgt Ion: 83 Resp: 89566

Ion Ratio Lower Upper

83 100

85 65.3 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.059 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.074 min

Lab File: VV025097.D

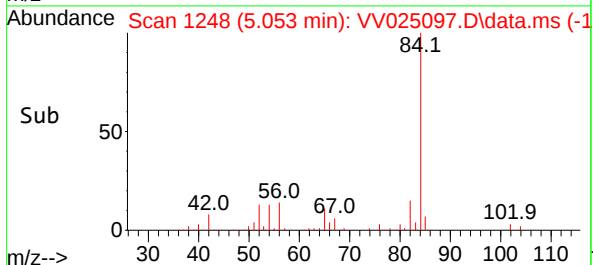
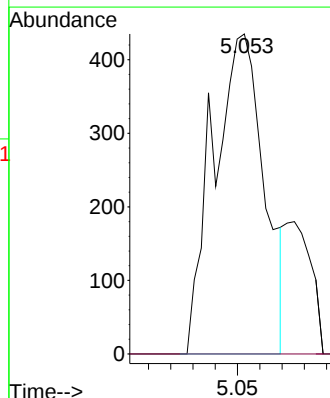
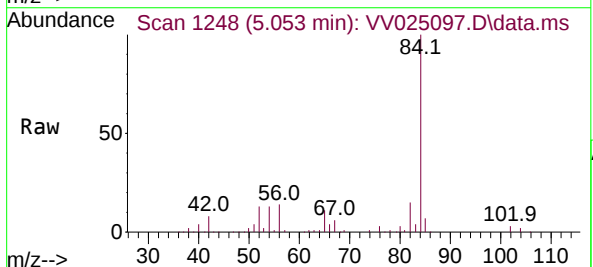
Acq: 18 Mar 2022 14:59

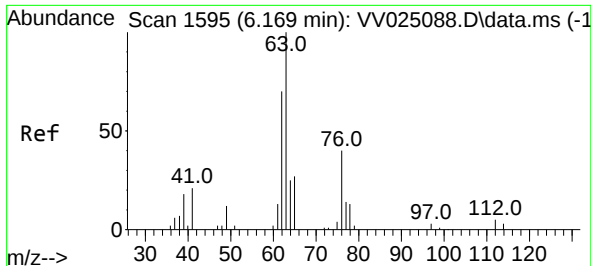
Tgt Ion: 62 Resp: 690

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#





#37

1,2-Dichloropropane

Concen: 0.405 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV025097.D

Acq: 18 Mar 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

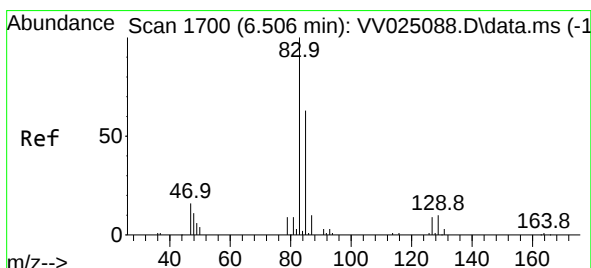
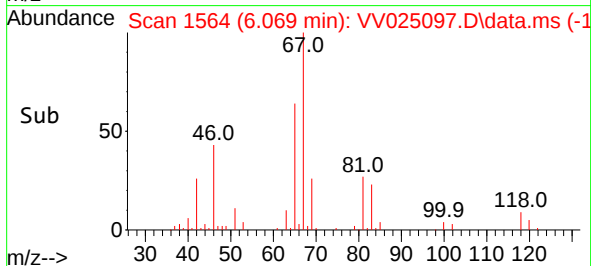
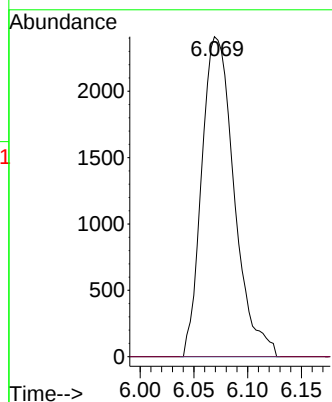
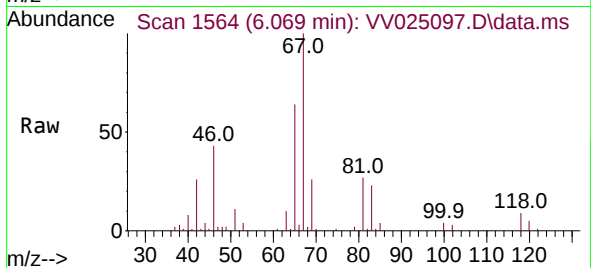
C0Q78

Tgt Ion: 63 Resp: 5064

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#38

Bromodichloromethane

Concen: 0.252 ug/L

RT: 6.519 min Scan# 1704

Delta R.T. 0.013 min

Lab File: VV025097.D

Acq: 18 Mar 2022 14:59

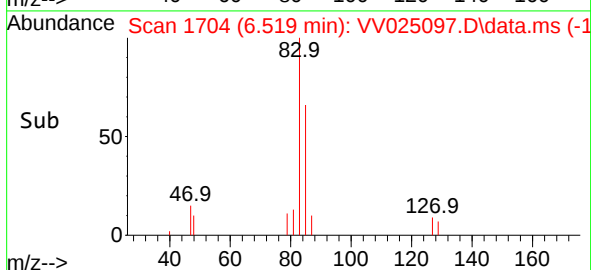
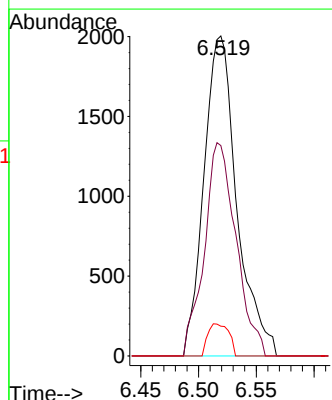
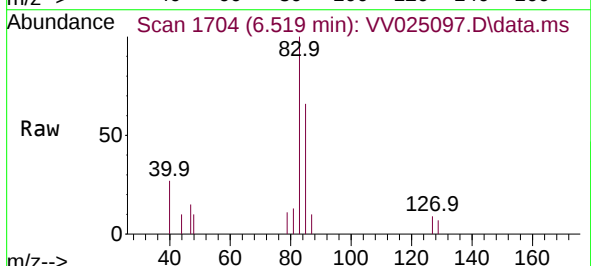
Tgt Ion: 83 Resp: 3976

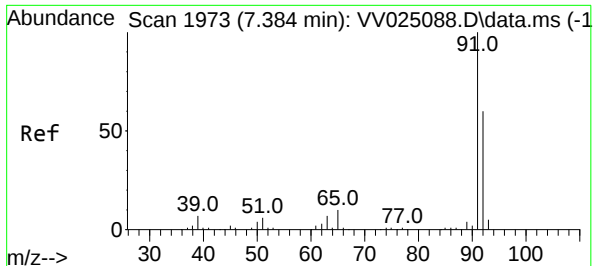
Ion Ratio Lower Upper

83 100

85 65.8 44.8 83.2

127 9.3 6.3 9.5





#42

Toluene

Concen: 0.355 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV025097.D

Acq: 18 Mar 2022 14:59

Instrument :

MSVOA_V

ClientSampleId :

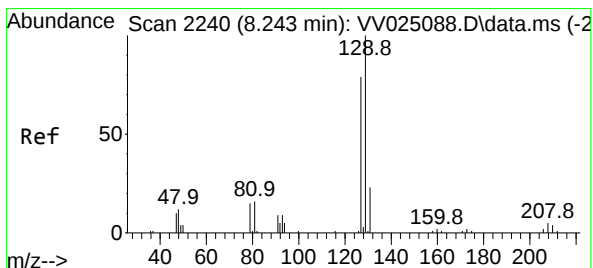
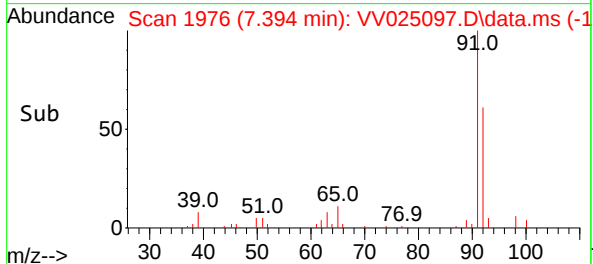
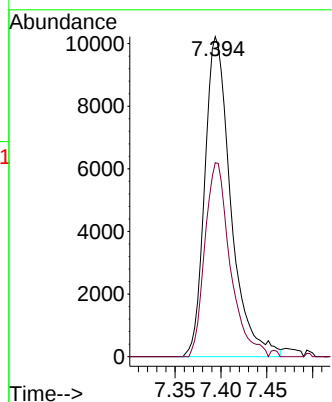
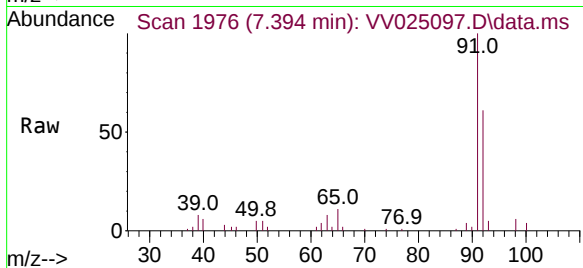
C0Q78

Tgt Ion: 91 Resp: 20195

Ion Ratio Lower Upper

91 100

92 60.6 41.2 76.4



#49

Dibromochloromethane

Concen: 0.032 ug/L

RT: 8.252 min Scan# 2243

Delta R.T. 0.010 min

Lab File: VV025097.D

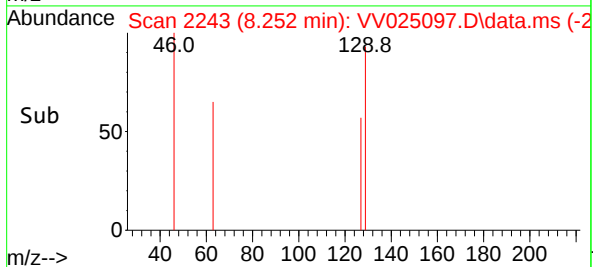
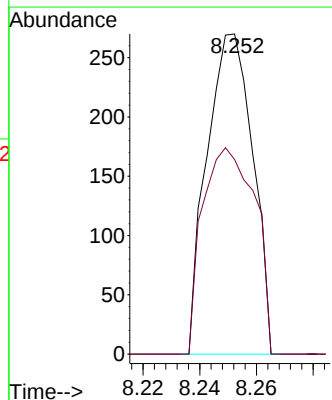
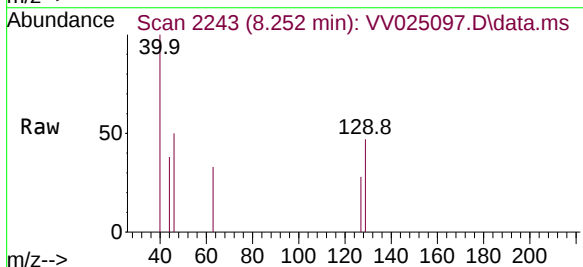
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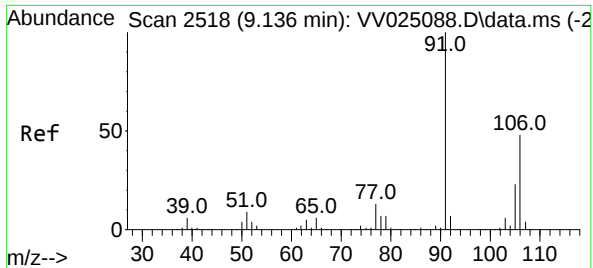
Tgt Ion: 129 Resp: 302

Ion Ratio Lower Upper

129 100

127 60.7 54.9 102.1

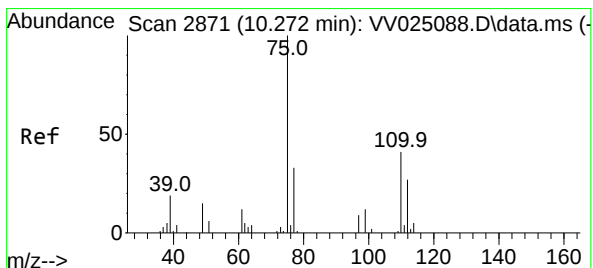
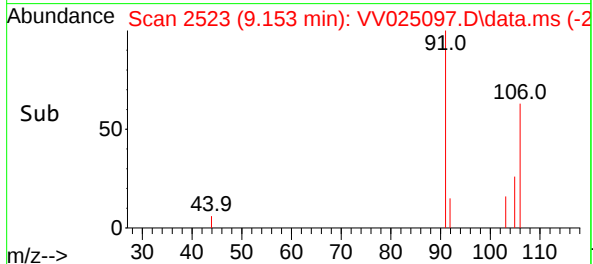
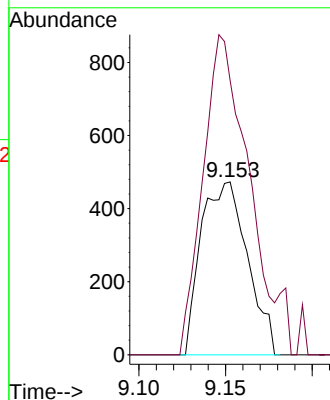
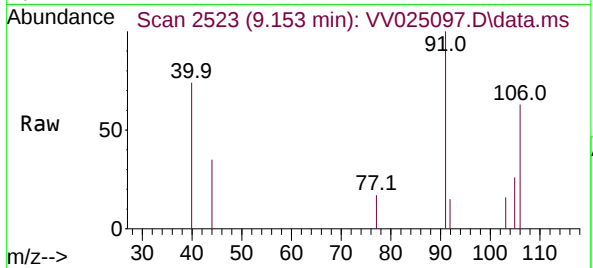




#53
m,p-xylene
Concen: 0.038 ug/L
RT: 9.153 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV025097.D
Acq: 18 Mar 2022 14:59

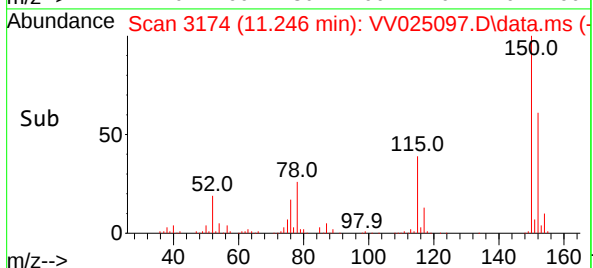
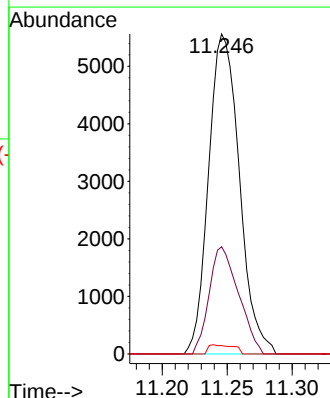
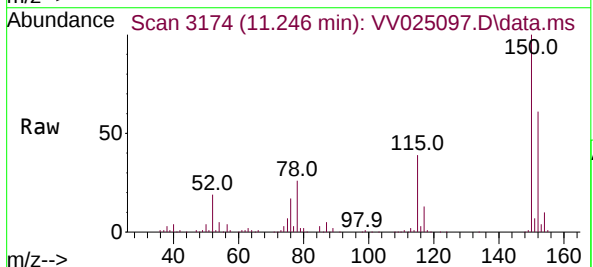
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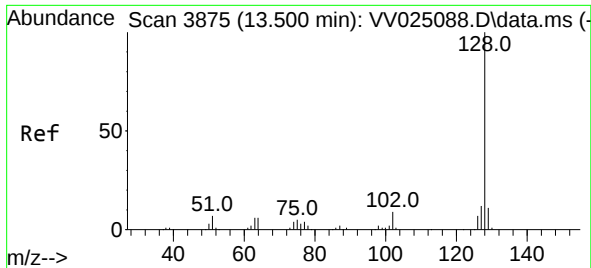
Tgt Ion:106 Resp: 880
Ion Ratio Lower Upper
106 100
91 158.8 143.4 266.4



#61
1,2,3-Trichloropropane
Concen: 1.516 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025097.D
Acq: 18 Mar 2022 14:59

Tgt Ion: 75 Resp: 9171
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 2.3 31.2 46.8#





#71
Naphthalene
Concen: 1.645 ug/L
RT: 13.500 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV025097.D
Acq: 18 Mar 2022 14:59

Instrument :
MSVOA_V
ClientSampleId :
C0Q78

Tgt Ion:128 Resp: 35373
Ion Ratio Lower Upper
128 100
129 12.1 8.5 12.7
127 12.7 9.8 14.8

