

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042022\
 Data File : VW025647.D
 Acq On : 20 Apr 2022 15:37
 Operator : SY/MD
 Sample : N2492-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6T7

Quant Time: Apr 21 06:43:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 21 06:38:14 2022
 Response via : Initial Calibration

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

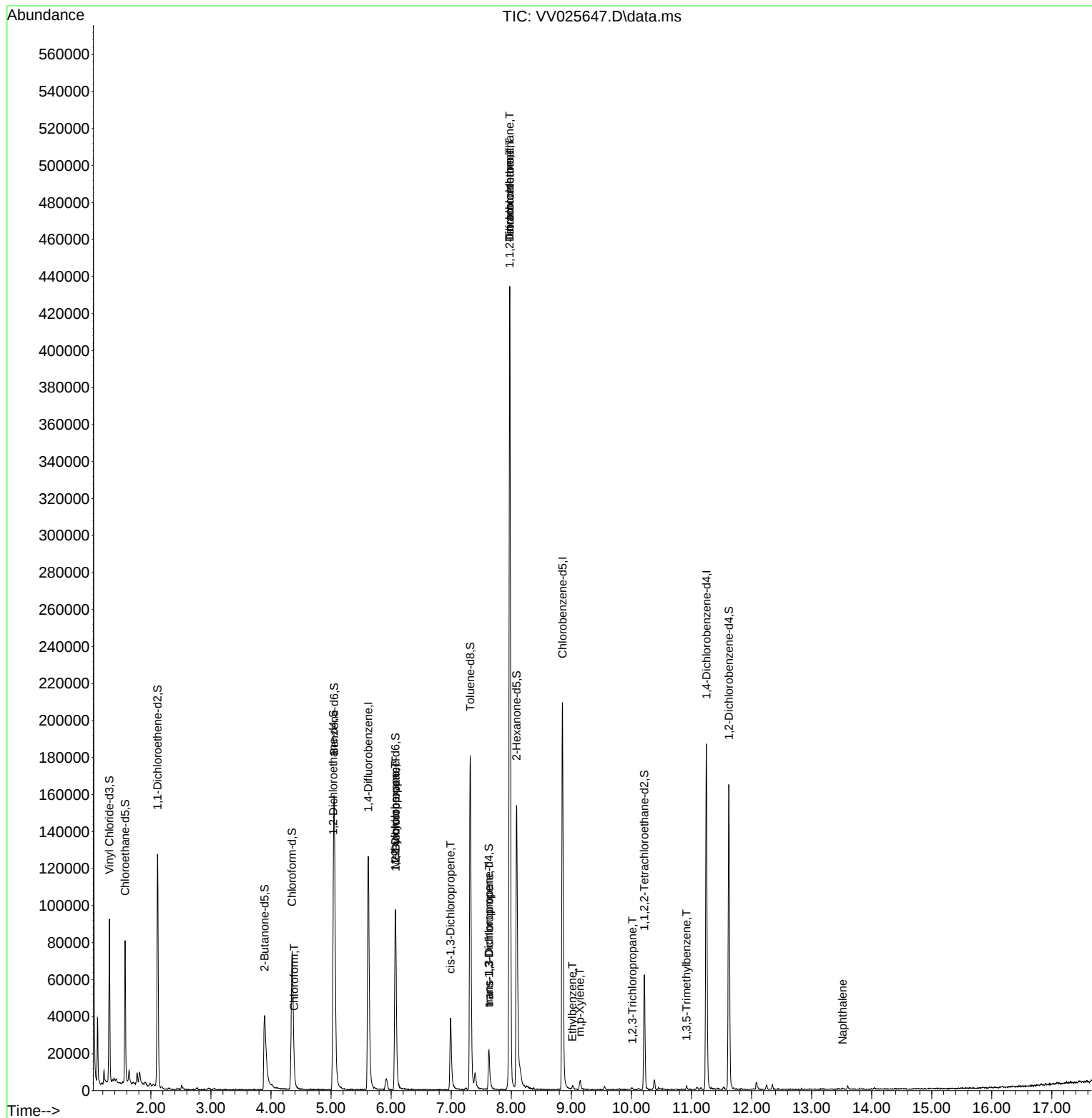
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	112000	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	114899	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	47867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	41395	3.975	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.571	69	45728	4.128	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.111	63	67578	3.240	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	3.892	46	74350	58.700	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.400%
24) Chloroform-d	4.352	84	77634	4.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.600%
26) 1,2-Dichloroethane-d4	5.037	65	37598	5.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.000%
32) Benzene-d6	5.053	84	146376	4.403	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	6.072	67	46014	4.963	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.200%
41) Toluene-d8	7.316	98	120717	3.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	7.628	79	12979	4.165	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.200%
46) 2-Hexanone-d5	8.088	63	51414	47.008	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.020%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	29370	5.014	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	41279	5.144	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.800%
Target Compounds						
					Qvalue	
25) Chloroform	4.384	83	2270	0.156	ug/L	81
35) Methylcyclohexane	6.069	83	11778	0.819	ug/L #	22
37) 1,2-Dichloropropane	6.075	63	5721	0.729	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1048	0.102	ug/L	86
44) trans-1,3-Dichloropropene	7.632	75	604	0.076	ug/L #	35
45) 1,1,2-Trichloroethane	7.972	97	1008	0.192	ug/L #	18
47) Tetrachloroethene	7.976	164	92934	13.172	ug/L	97
49) Dibromochloromethane	7.976	129	86070	14.911	ug/L #	11
52) Ethylbenzene	9.017	91	1704	0.043	ug/L	92
53) m,p-Xylene	9.143	106	1577	0.105	ug/L	99
61) 1,2,3-Trichloropropane	10.014	75	561	0.178	ug/L #	37
62) 1,3,5-Trimethylbenzene	10.918	105	1214	0.092	ug/L	94
71) Naphthalene	13.519	128	777	0.065	ug/L #	77

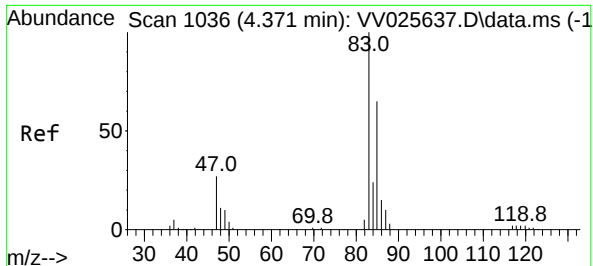
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#25

Chloroform

Concen: 0.156 ug/L

RT: 4.384 min Scan# 1036

Delta R.T. 0.013 min

Lab File: VV025647.D

Acq: 20 Apr 2022 15:37

Instrument :

MSVOA_V

ClientSampleId :

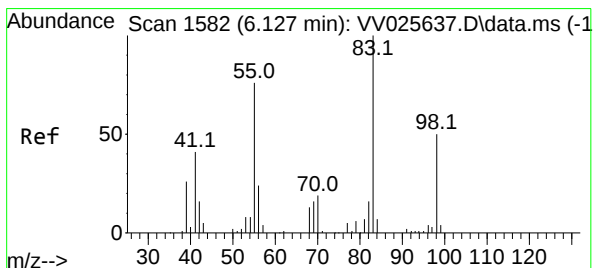
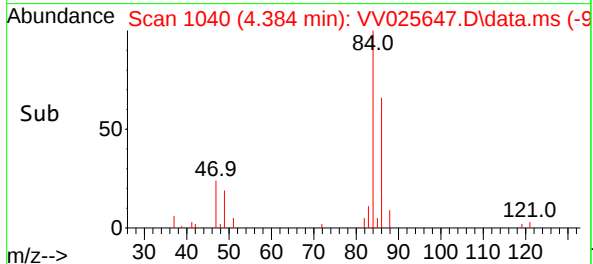
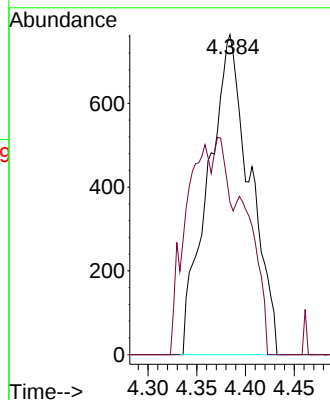
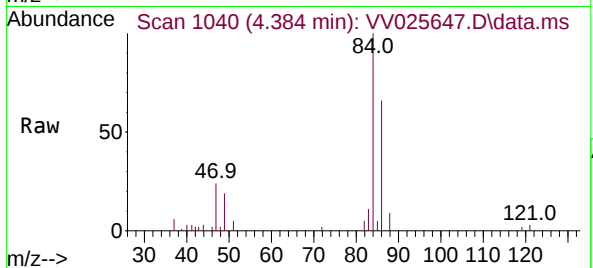
EW6T7

Tgt Ion: 83 Resp: 2270

Ion Ratio Lower Upper

83 100

85 47.6 43.5 80.7



#35

Methylcyclohexane

Concen: 0.819 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025647.D

Acq: 20 Apr 2022 15:37

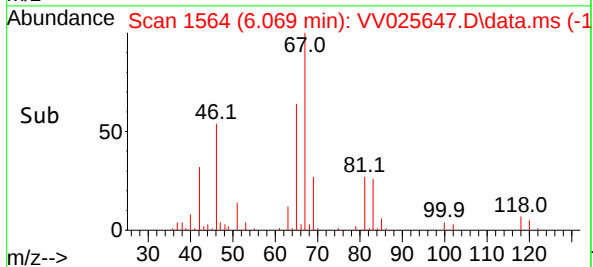
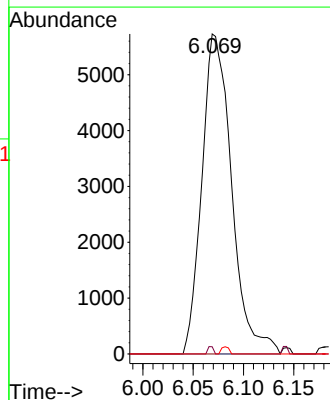
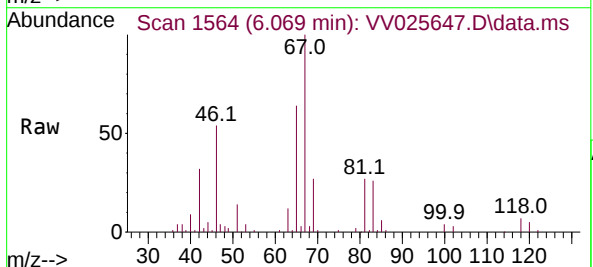
Tgt Ion: 83 Resp: 11778

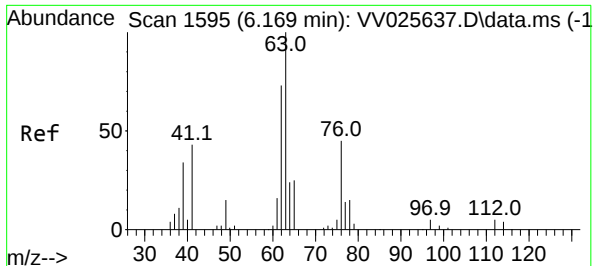
Ion Ratio Lower Upper

83 100

55 0.4 53.7 80.5#

98 0.6 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.729 ug/L

RT: 6.075 min Scan# 1

Delta R.T. -0.093 min

Lab File: VV025647.D

Acq: 20 Apr 2022 15:37

Instrument :

MSVOA_V

ClientSampleId :

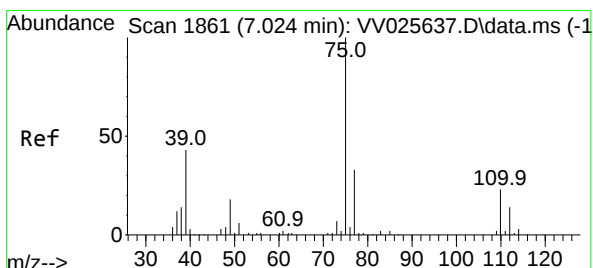
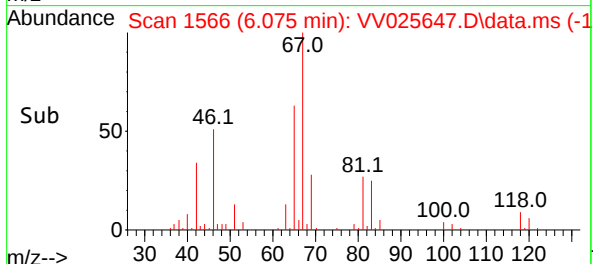
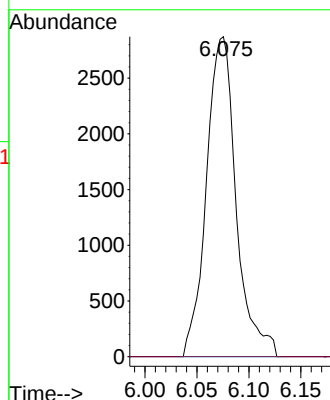
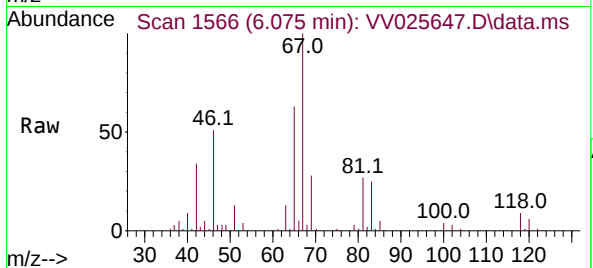
EW6T7

Tgt Ion: 63 Resp: 5721

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.036 min

Lab File: VV025647.D

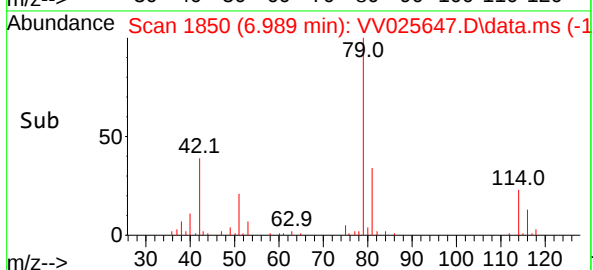
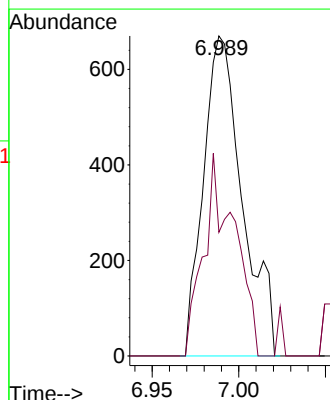
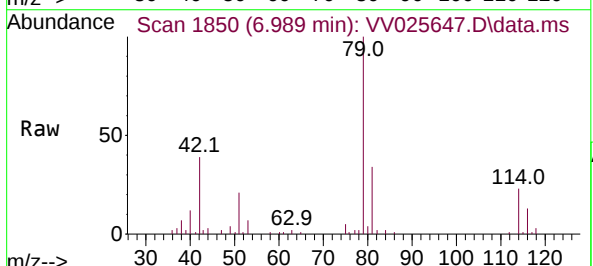
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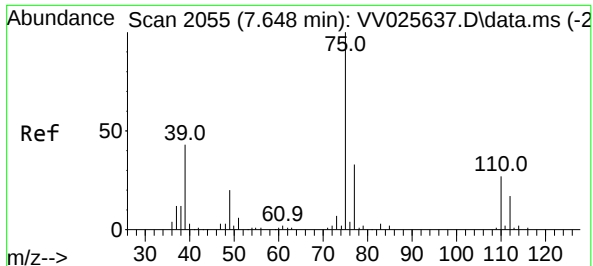
Tgt Ion: 75 Resp: 1048

Ion Ratio Lower Upper

75 100

77 38.7 21.8 40.6

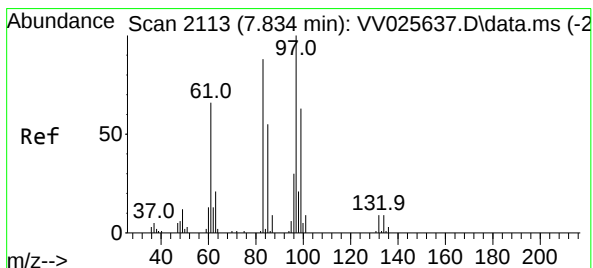
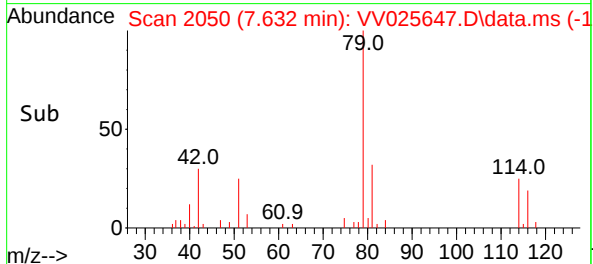
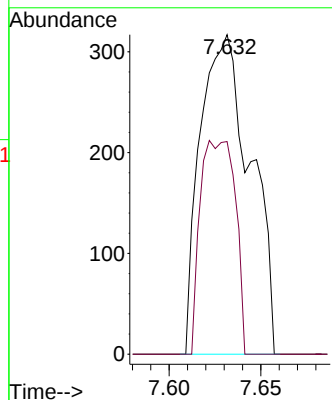
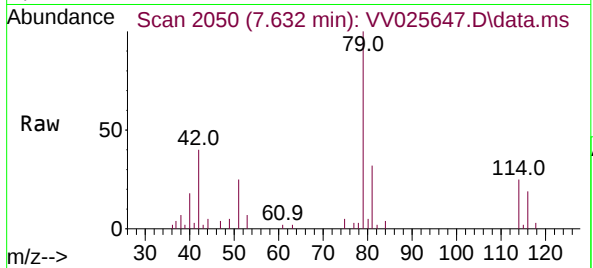




#44
trans-1,3-Dichloropropene
Concen: 0.076 ug/L
RT: 7.632 min Scan# 2055
Delta R.T. -0.016 min
Lab File: VV025647.D
Acq: 20 Apr 2022 15:37

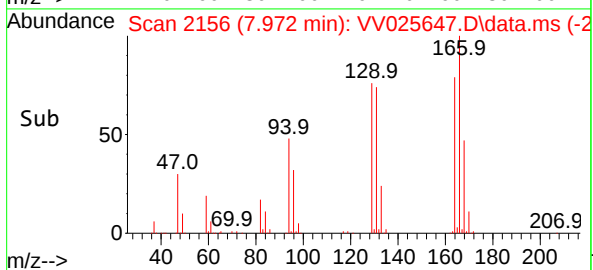
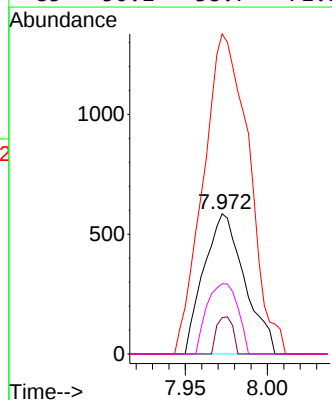
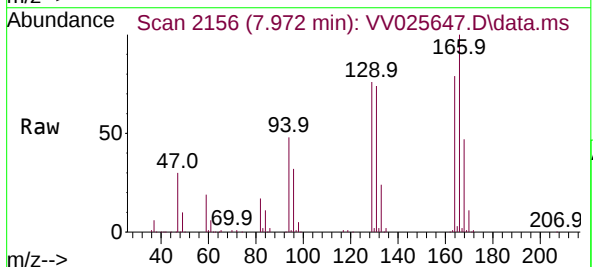
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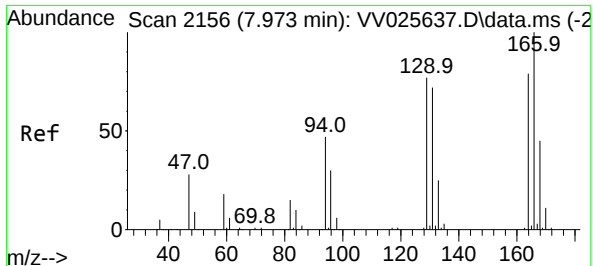
Tgt Ion: 75 Resp: 604
Ion Ratio Lower Upper
75 100
77 66.6 21.7 40.3#



#45
1,1,2-Trichloroethane
Concen: 0.192 ug/L
RT: 7.972 min Scan# 2156
Delta R.T. 0.138 min
Lab File: VV025647.D
Acq: 20 Apr 2022 15:37

Tgt Ion: 97 Resp: 1008
Ion Ratio Lower Upper
97 100
99 26.0 43.8 81.4#
83 228.4 60.3 112.1#
85 50.1 38.7 71.9





#47

Tetrachloroethene

Concen: 13.172 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV025647.D

Acq: 20 Apr 2022 15:37

Instrument :

MSVOA_V

ClientSampleId :

EW6T7

Tgt Ion:164 Resp: 92934

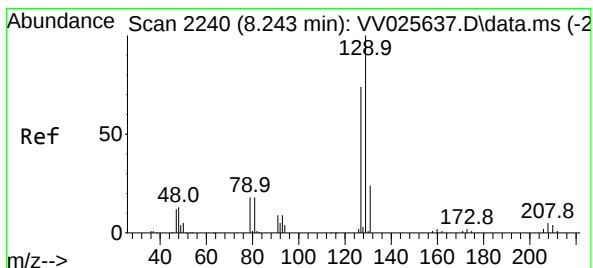
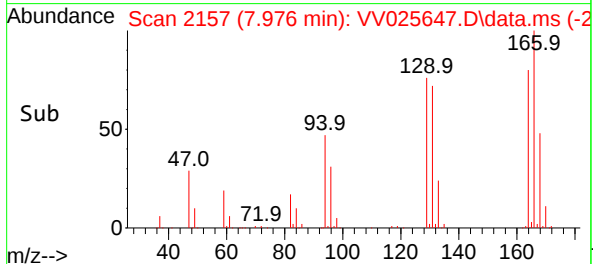
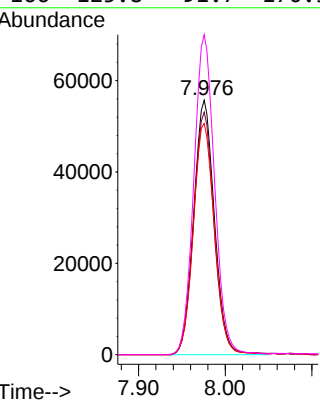
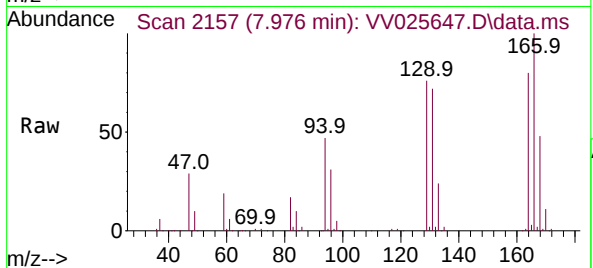
Ion Ratio Lower Upper

164 100

129 95.3 66.8 124.2

131 90.9 66.4 123.4

166 125.8 91.7 170.3



#49

Dibromochloromethane

Concen: 14.911 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.267 min

Lab File: VV025647.D

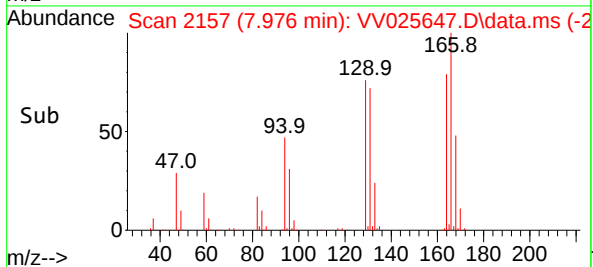
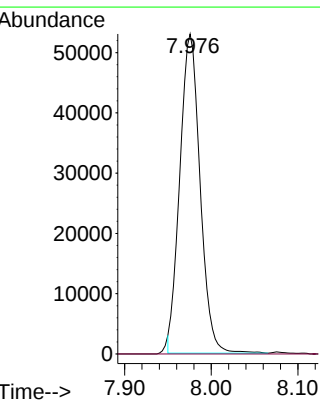
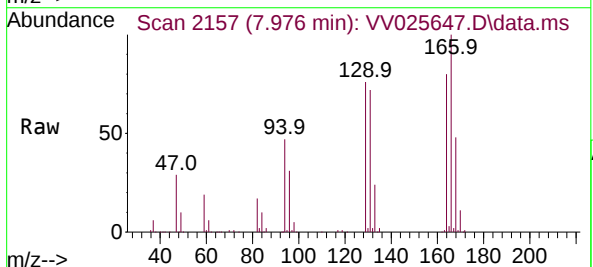
Acq: 20 Apr 2022 15:37

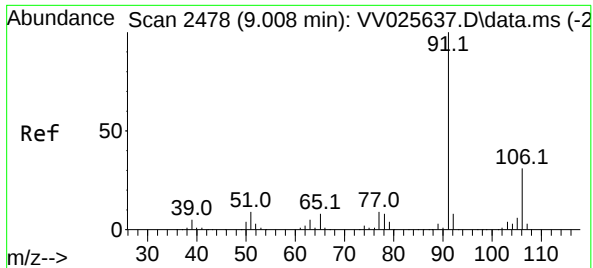
Tgt Ion:129 Resp: 86070

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#





#52

Ethylbenzene

Concen: 0.043 ug/L

RT: 9.017 min Scan# 24

Delta R.T. 0.009 min

Lab File: VV025647.D

Acq: 20 Apr 2022 15:37

Instrument :

MSVOA_V

ClientSampleId :

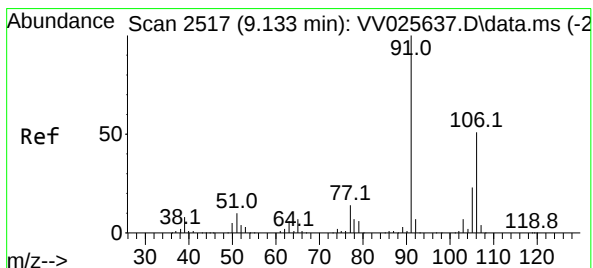
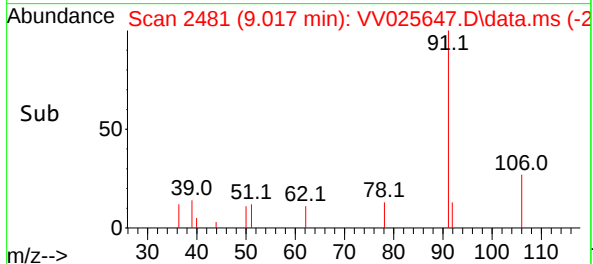
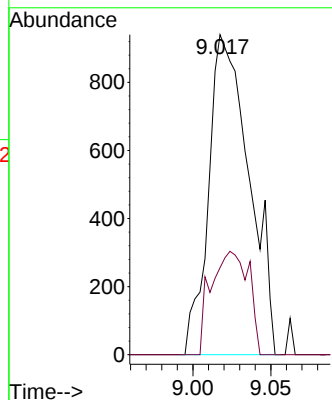
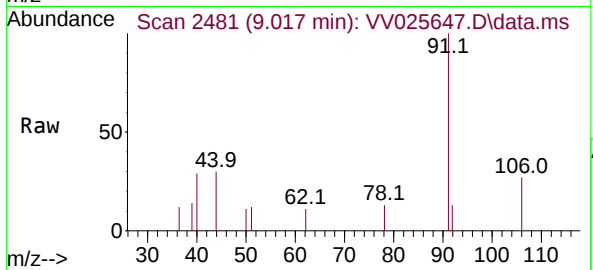
EW6T7

Tgt Ion: 91 Resp: 1704

Ion Ratio Lower Upper

91 100

106 27.2 22.3 41.3



#53

m,p-Xylene

Concen: 0.105 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.009 min

Lab File: VV025647.D

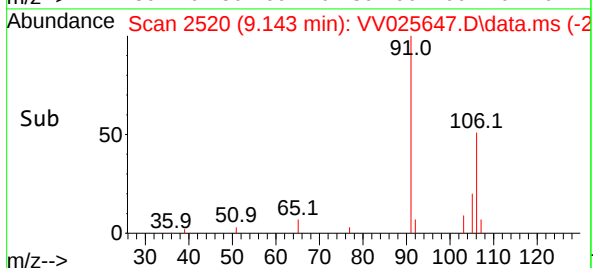
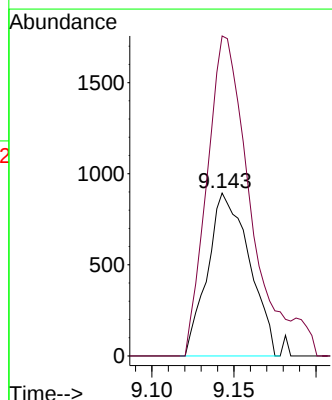
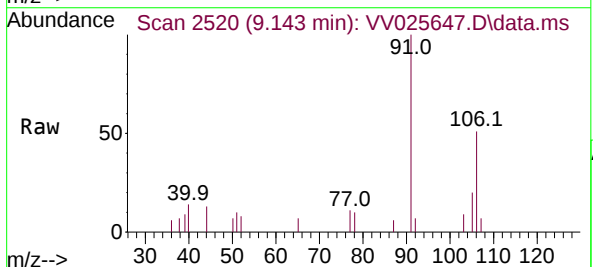
Acq: 20 Apr 2022 15:37

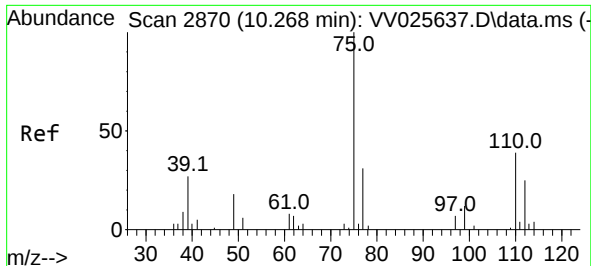
Tgt Ion: 106 Resp: 1577

Ion Ratio Lower Upper

106 100

91 196.4 136.4 253.4

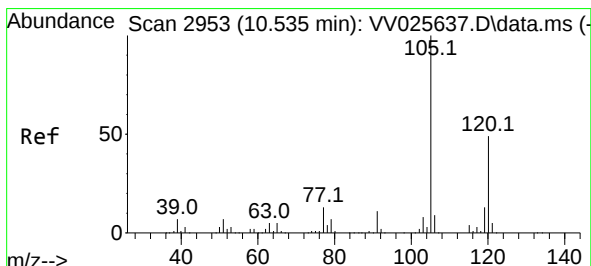
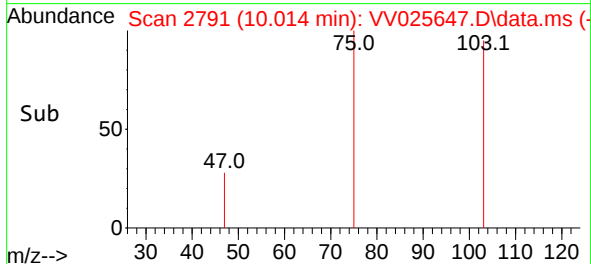
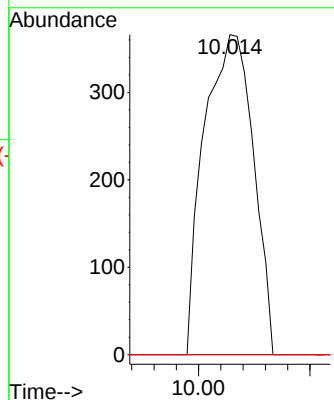
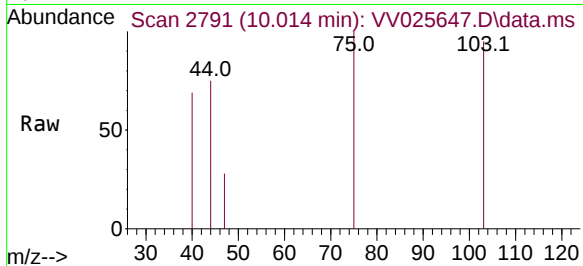




#61
 1,2,3-Trichloropropane
 Concen: 0.178 ug/L
 RT: 10.014 min Scan# 21
 Delta R.T. -0.254 min
 Lab File: VV025647.D
 Acq: 20 Apr 2022 15:37

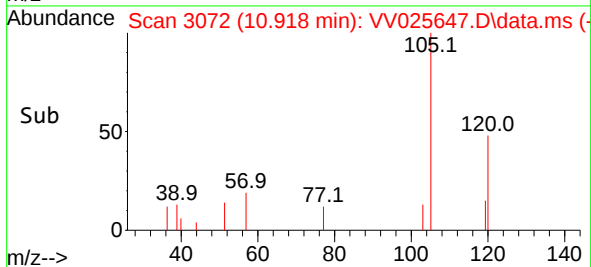
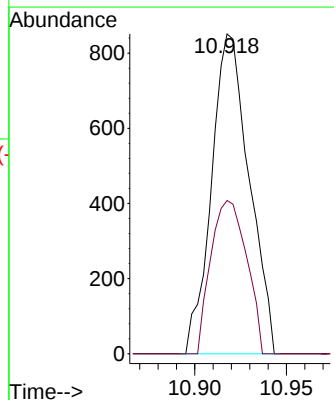
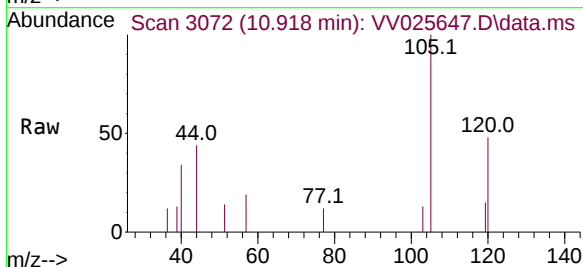
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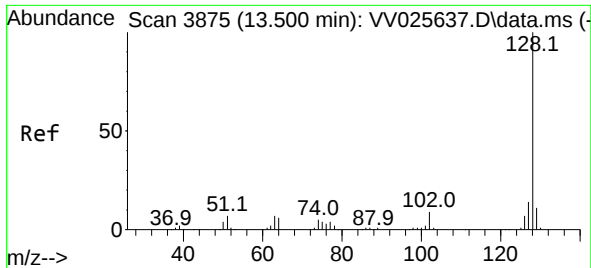
Tgt Ion: 75 Resp: 561
 Ion Ratio Lower Upper
 75 100
 77 0.0 25.6 38.4#
 110 0.0 34.7 52.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.092 ug/L
 RT: 10.918 min Scan# 3072
 Delta R.T. 0.382 min
 Lab File: VV025647.D
 Acq: 20 Apr 2022 15:37

Tgt Ion: 105 Resp: 1214
 Ion Ratio Lower Upper
 105 100
 120 45.6 39.6 59.4





#71

Naphthalene

Concen: 0.065 ug/L

RT: 13.519 min Scan# 3881

Delta R.T. 0.019 min

Lab File: VV025647.D

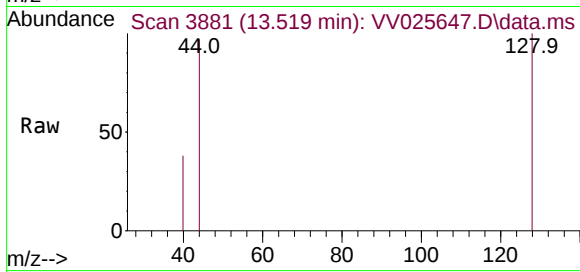
Acq: 20 Apr 2022 15:37

Instrument :

MSVOA_V

ClientSampleId :

EW6T7



Tgt Ion:128 Resp: 777

Ion Ratio Lower Upper

128 100

129 0.0 8.8 13.2#

127 5.9 10.4 15.6#

