

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025228.D
 Acq On : 27 Mar 2022 03:21
 Operator : SY/MD
 Sample : N2097-20
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COAFO

Quant Time: Mar 28 03:47:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 03:13:34 2022
 Response via : Initial Calibration

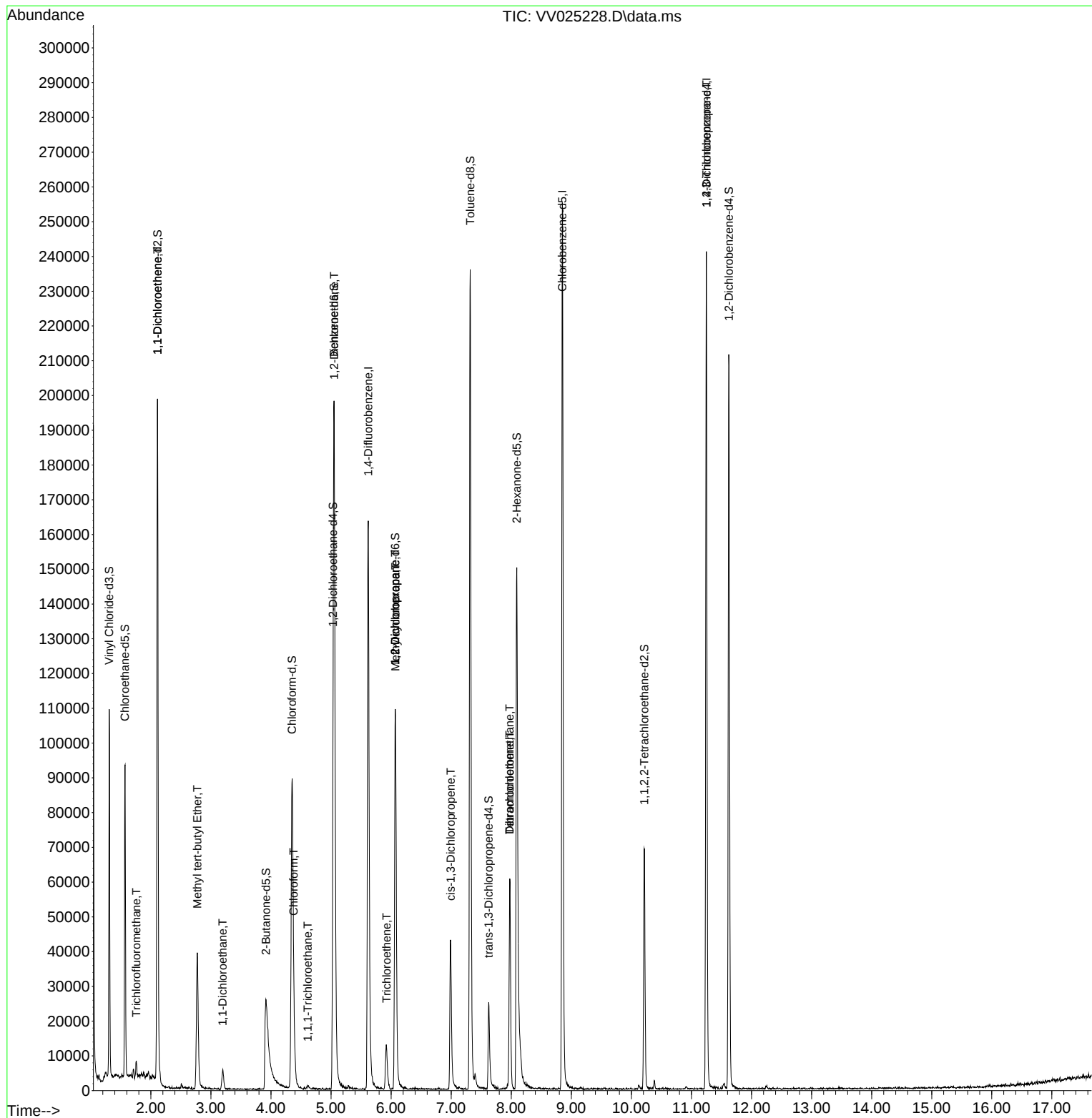
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	147776	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146139	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61188	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	62741	4.545	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.000%	
7) Chloroethane-d5	1.568	69	57182	4.936	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.800%	
11) 1,1-Dichloroethene-d2	2.111	63	102432	3.426	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.600%	
20) 2-Butanone-d5	3.915	46	65482	47.624	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.240%	
24) Chloroform-d	4.352	84	91279	5.067	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
26) 1,2-Dichloroethane-d4	5.034	65	42904	5.388	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.800%	
32) Benzene-d6	5.050	84	185030	5.005	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
36) 1,2-Dichloropropane-d6	6.069	67	53459	5.159	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.200%	
41) Toluene-d8	7.317	98	158759	4.682	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.600%	
43) trans-1,3-Dichloroprop...	7.625	79	14855	4.395	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.092	63	57045	46.727	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.460%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32667	4.728	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	53897	5.484	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.600%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.757	101	2469	0.094	ug/L	94
12) 1,1-Dichloroethene	2.111	96	1238	0.083	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	40477	2.150	ug/L	98
19) 1,1-Dichloroethane	3.195	63	5560	0.312	ug/L	99
25) Chloroform	4.378	83	10711	0.542	ug/L	100
27) 1,2-Dichloroethane	5.053	62	1032	0.101	ug/L #	73
29) 1,1,1-Trichloroethane	4.613	97	1015	0.057	ug/L	89
34) Trichloroethene	5.924	95	3829	0.325	ug/L	85
35) Methylcyclohexane	6.072	83	13236	0.718	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	6140	0.618	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1164	0.090	ug/L #	76
47) Tetrachloroethene	7.976	164	12973	1.495	ug/L	98
49) Dibromochloromethane	7.976	129	12802	1.747	ug/L #	11
61) 1,2,3-Trichloropropane	11.249	75	7299	1.577	ug/L #	66

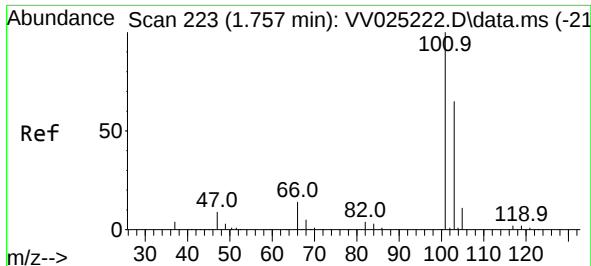
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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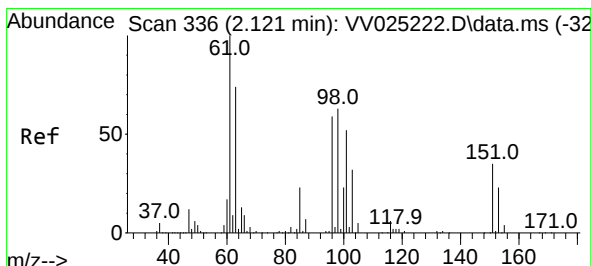
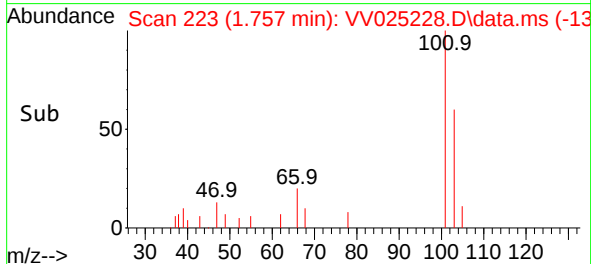
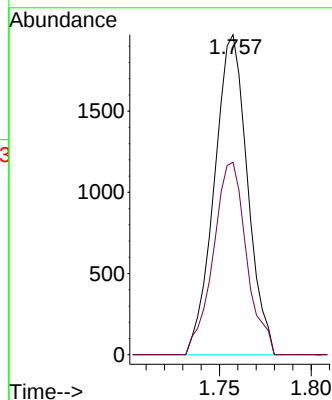
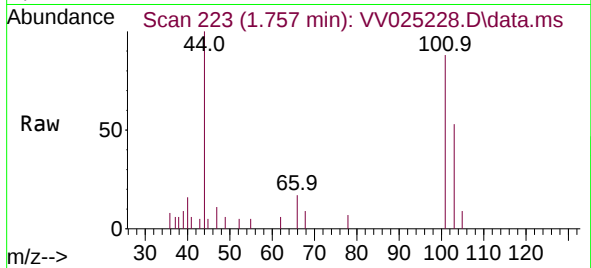




#9
Trichlorofluoromethane
Concen: 0.094 ug/L
RT: 1.757 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV025228.D
Acq: 27 Mar 2022 03:21

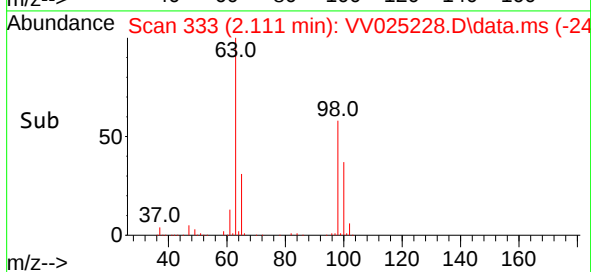
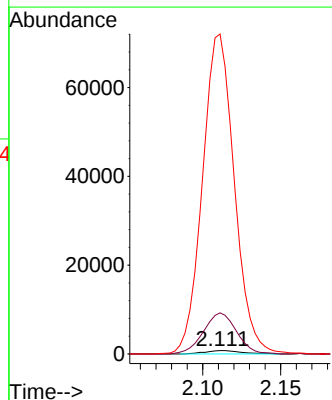
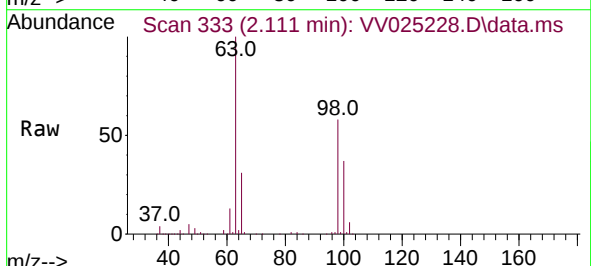
Instrument :
MSVOA_V
ClientSampleId :
C0AF0

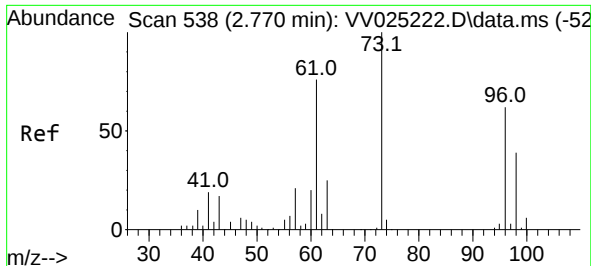
Tgt Ion:101 Resp: 2469
Ion Ratio Lower Upper
101 100
103 60.6 52.2 78.2



#12
1,1-Dichloroethene
Concen: 0.083 ug/L
RT: 2.111 min Scan# 333
Delta R.T. -0.010 min
Lab File: VV025228.D
Acq: 27 Mar 2022 03:21

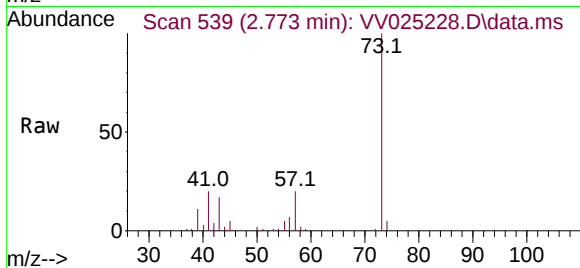
Tgt Ion: 96 Resp: 1238
Ion Ratio Lower Upper
96 100
61 1219.5 121.5 225.7#
63 9494.6 77.9 144.7#



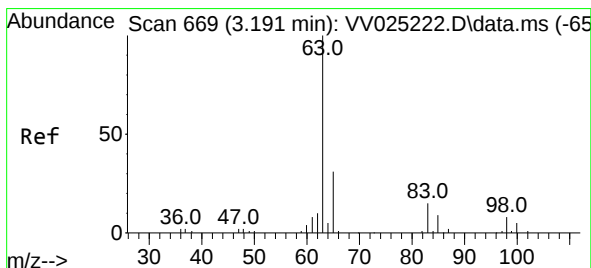
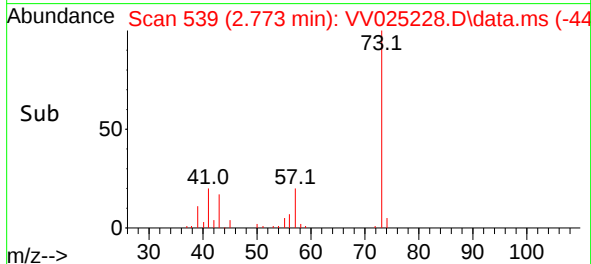
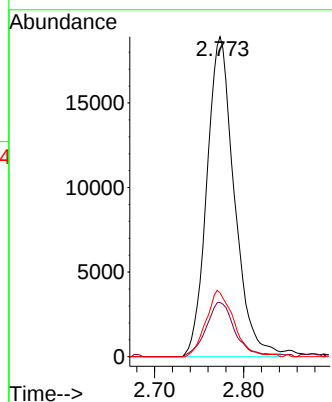


#17
Methyl tert-butyl Ether
Concen: 2.150 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV025228.D
Acq: 27 Mar 2022 03:21

Instrument :
MSVOA_V
ClientSampleId :
C0AF0

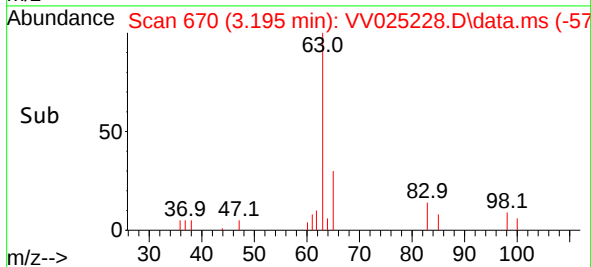
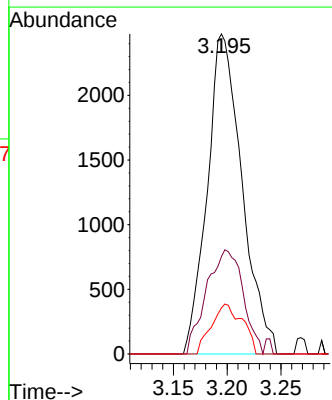
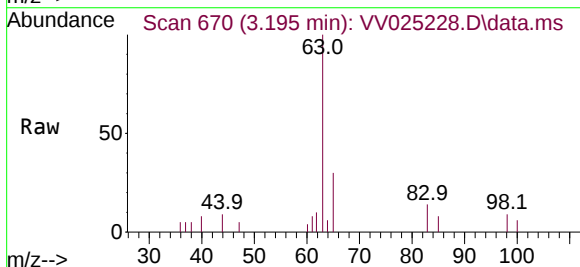


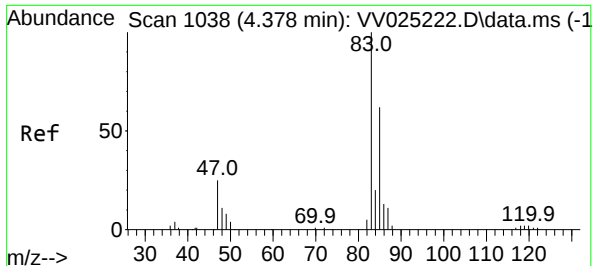
Tgt Ion: 73	Resp: 40477
Ion Ratio	Lower Upper
73 100	
43 18.2	13.5 20.3
57 20.8	16.4 24.6



#19
1,1-Dichloroethane
Concen: 0.312 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.003 min
Lab File: VV025228.D
Acq: 27 Mar 2022 03:21

Tgt Ion: 63	Resp: 5560		
Ion Ratio	Lower	Upper	
63 100			
65 30.5	22.0	40.8	
83 14.4	10.2	19.0	





#25

Chloroform

Concen: 0.542 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV025228.D

Acq: 27 Mar 2022 03:21

Instrument :

MSVOA_V

ClientSampleId :

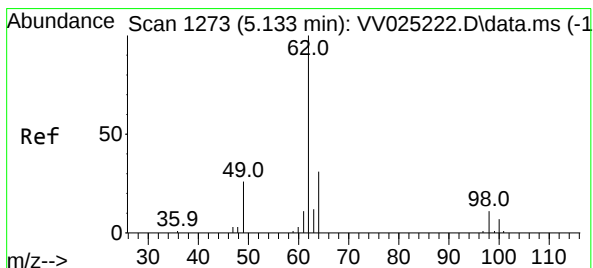
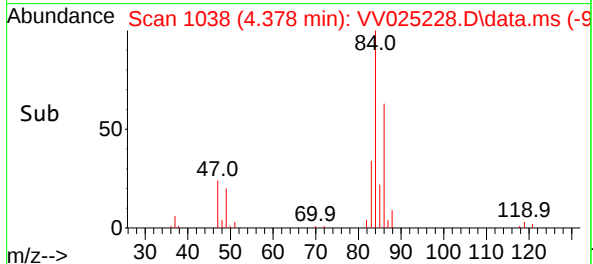
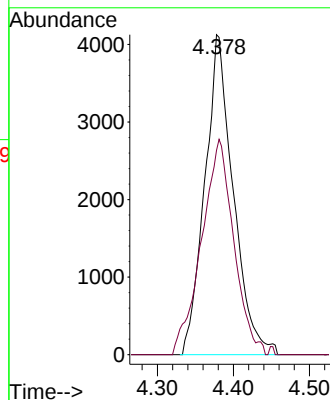
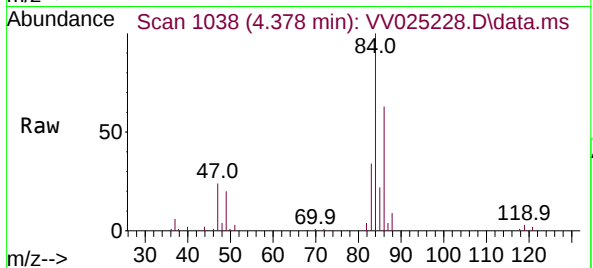
C0AF0

Tgt Ion: 83 Resp: 10711

Ion Ratio Lower Upper

83 100

85 63.9 44.7 82.9



#27

1,2-Dichloroethane

Concen: 0.101 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.080 min

Lab File: VV025228.D

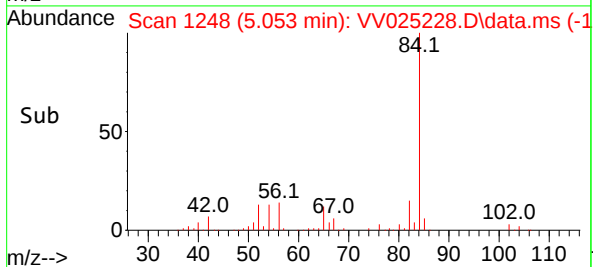
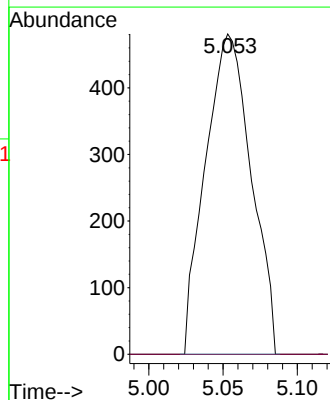
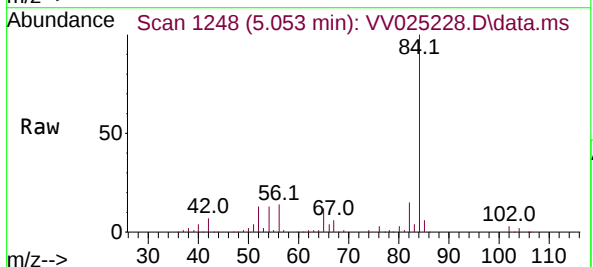
Acq: 27 Mar 2022 03:21

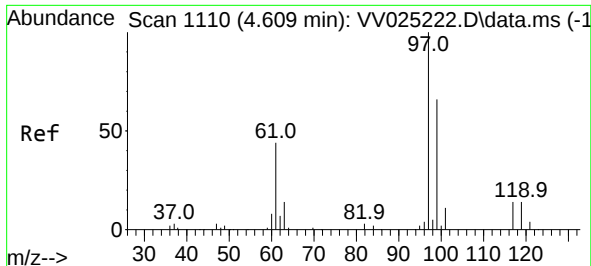
Tgt Ion: 62 Resp: 1032

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#





#29

1,1,1-Trichloroethane

Concen: 0.057 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.003 min

Lab File: VV025228.D

Acq: 27 Mar 2022 03:21

Instrument :

MSVOA_V

ClientSampleId :

C0AF0

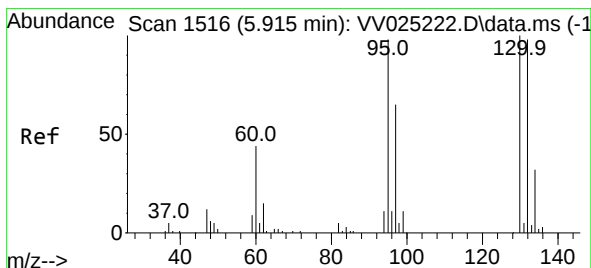
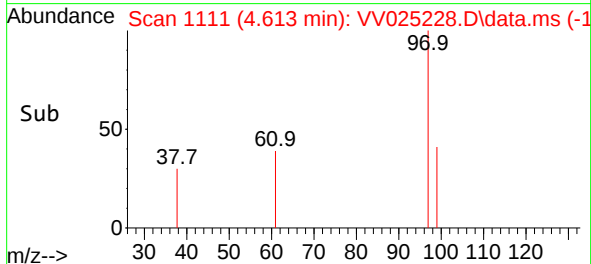
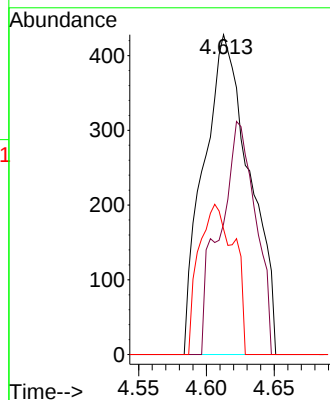
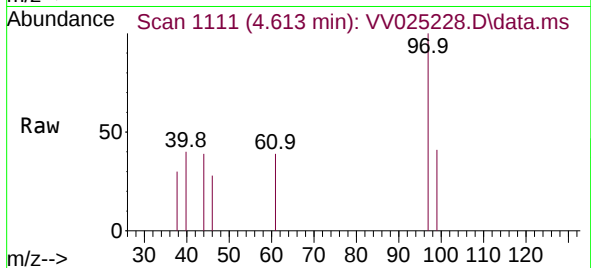
Tgt Ion: 97 Resp: 1015

Ion Ratio Lower Upper

97 100

99 56.5 51.9 77.9

61 35.9 34.2 51.2



#34

Trichloroethene

Concen: 0.325 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.010 min

Lab File: VV025228.D

Acq: 27 Mar 2022 03:21

Tgt Ion: 95 Resp: 3829

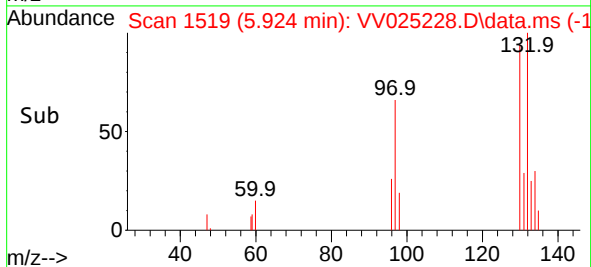
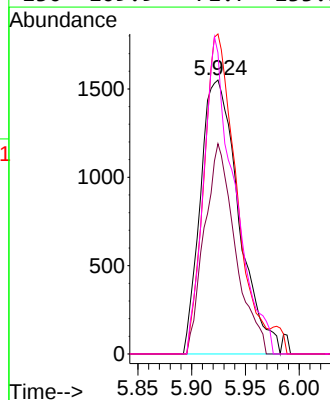
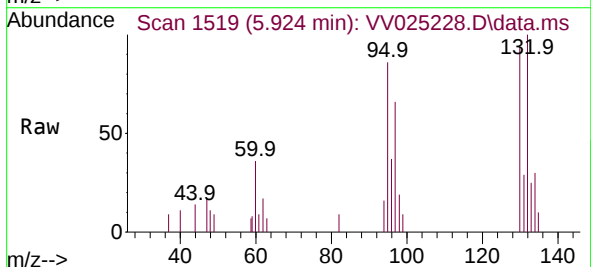
Ion Ratio Lower Upper

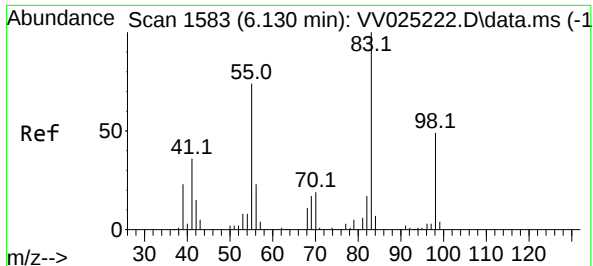
95 100

97 76.8 46.3 85.9

132 116.8 65.2 121.2

130 109.9 71.7 133.1





#35

Methylcyclohexane

Concen: 0.718 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV025228.D

Acq: 27 Mar 2022 03:21

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ClientSampleId :

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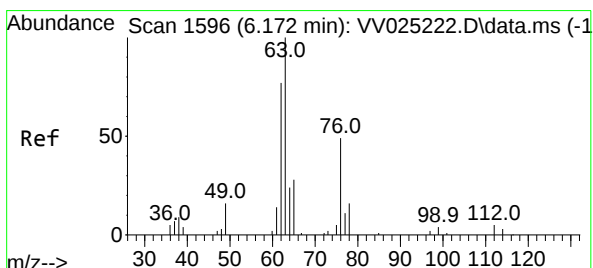
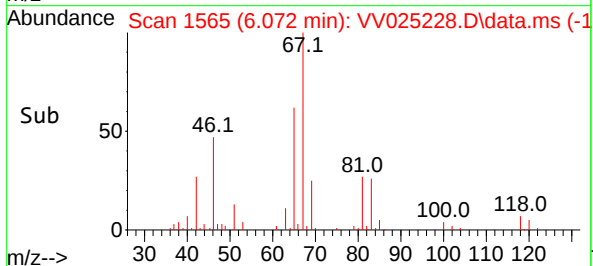
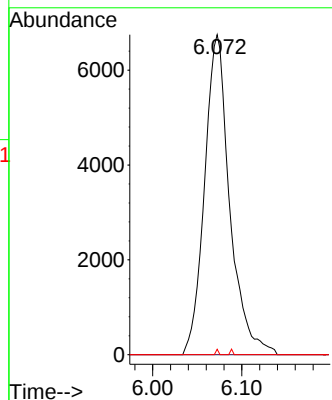
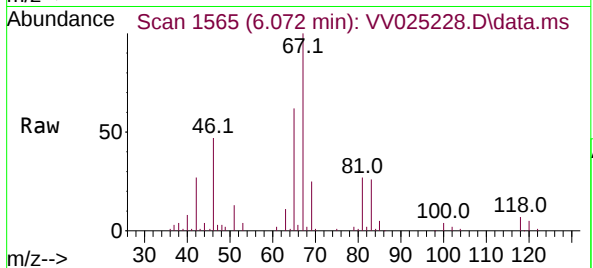
Tgt Ion: 83 Resp: 13236

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 0.2 39.8 59.6#



#37

1,2-Dichloropropane

Concen: 0.618 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.103 min

Lab File: VV025228.D

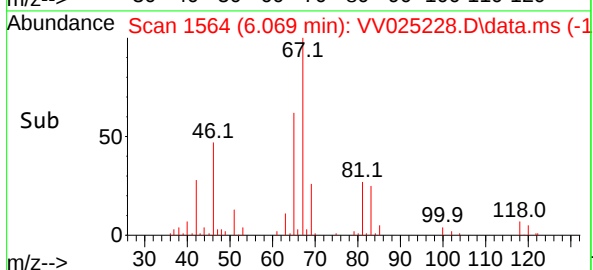
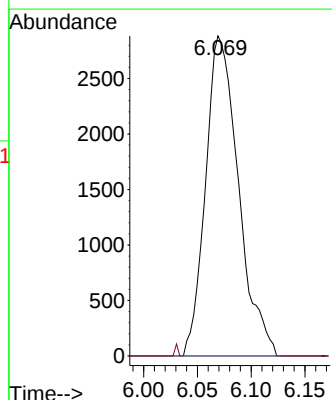
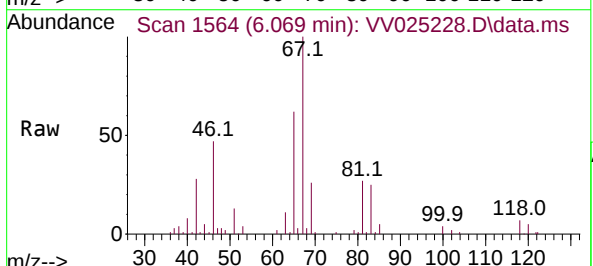
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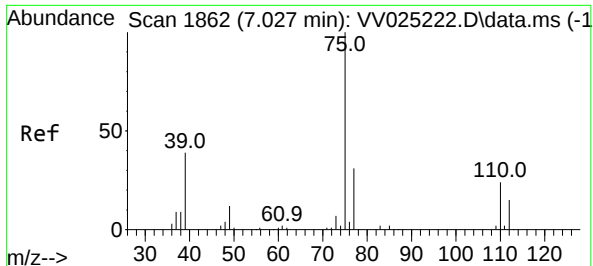
Tgt Ion: 63 Resp: 6140

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV025228.D

Acq: 27 Mar 2022 03:21

Instrument :

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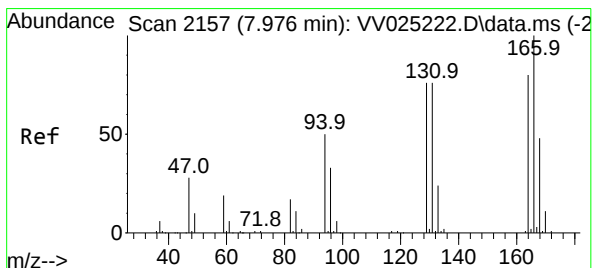
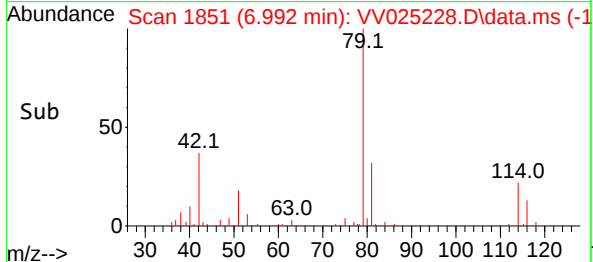
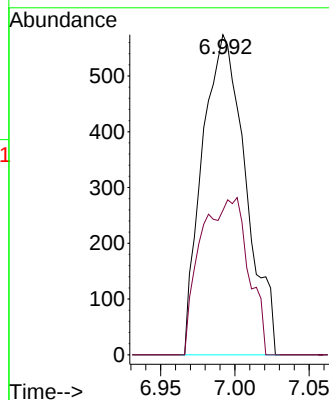
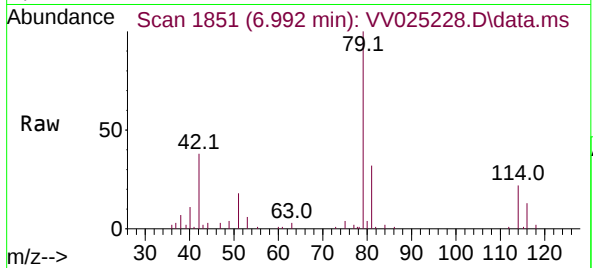
C0AF0

Tgt Ion: 75 Resp: 1164

Ion Ratio Lower Upper

75 100

77 45.1 22.1 41.1#



#47

Tetrachloroethene

Concen: 1.495 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV025228.D

Acq: 27 Mar 2022 03:21

Tgt Ion: 164 Resp: 12973

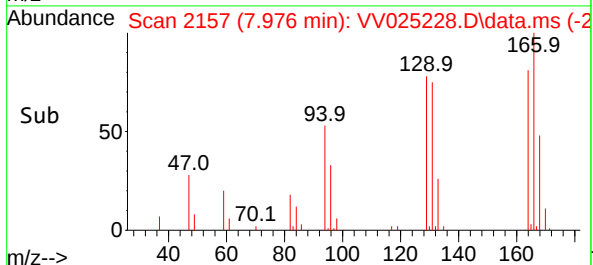
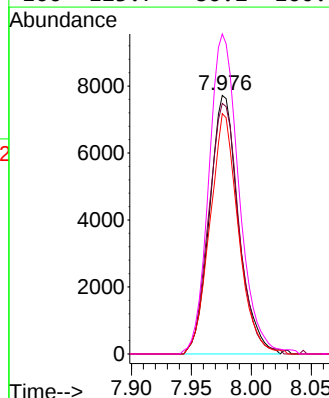
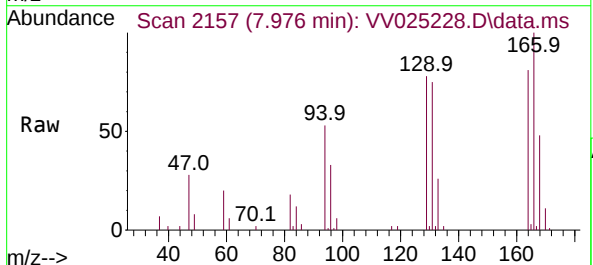
Ion Ratio Lower Upper

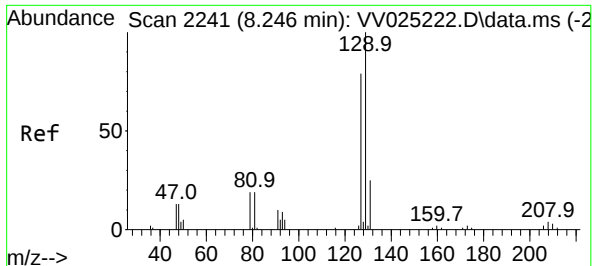
164 100

129 96.9 67.5 125.4

131 92.9 68.0 126.4

166 123.7 86.2 160.2





#49

Dibromochloromethane

Concen: 1.747 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.270 min

Lab File: VV025228.D

Acq: 27 Mar 2022 03:21

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MSVOA_V

ClientSampleId :

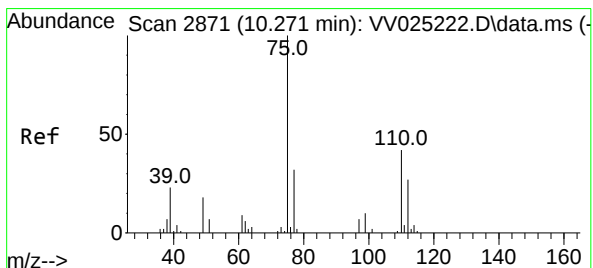
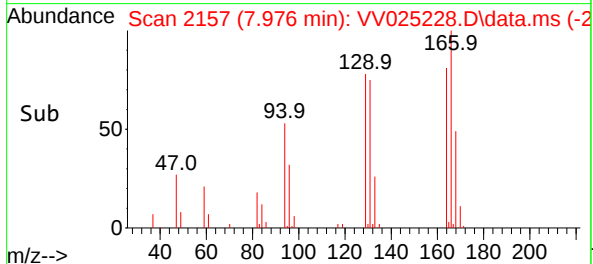
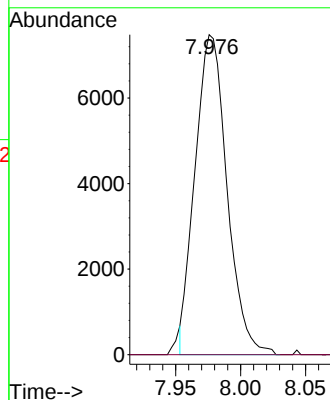
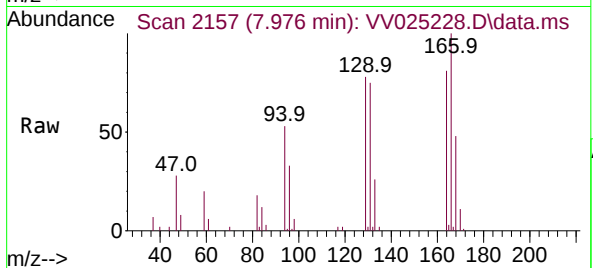
COAFO

Tgt Ion:129 Resp: 12802

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.577 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV025228.D

Acq: 27 Mar 2022 03:21

Tgt Ion: 75 Resp: 7299

Ion Ratio Lower Upper

75 100

77 32.9 25.8 38.6

110 2.8 31.6 47.4#

