

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032822\
 Data File : VW025255.D
 Acq On : 28 Mar 2022 12:51
 Operator : SY/MD
 Sample : N2110-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 29 03:28:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Mar 29 03:26:38 2022
 Response via : Initial Calibration

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

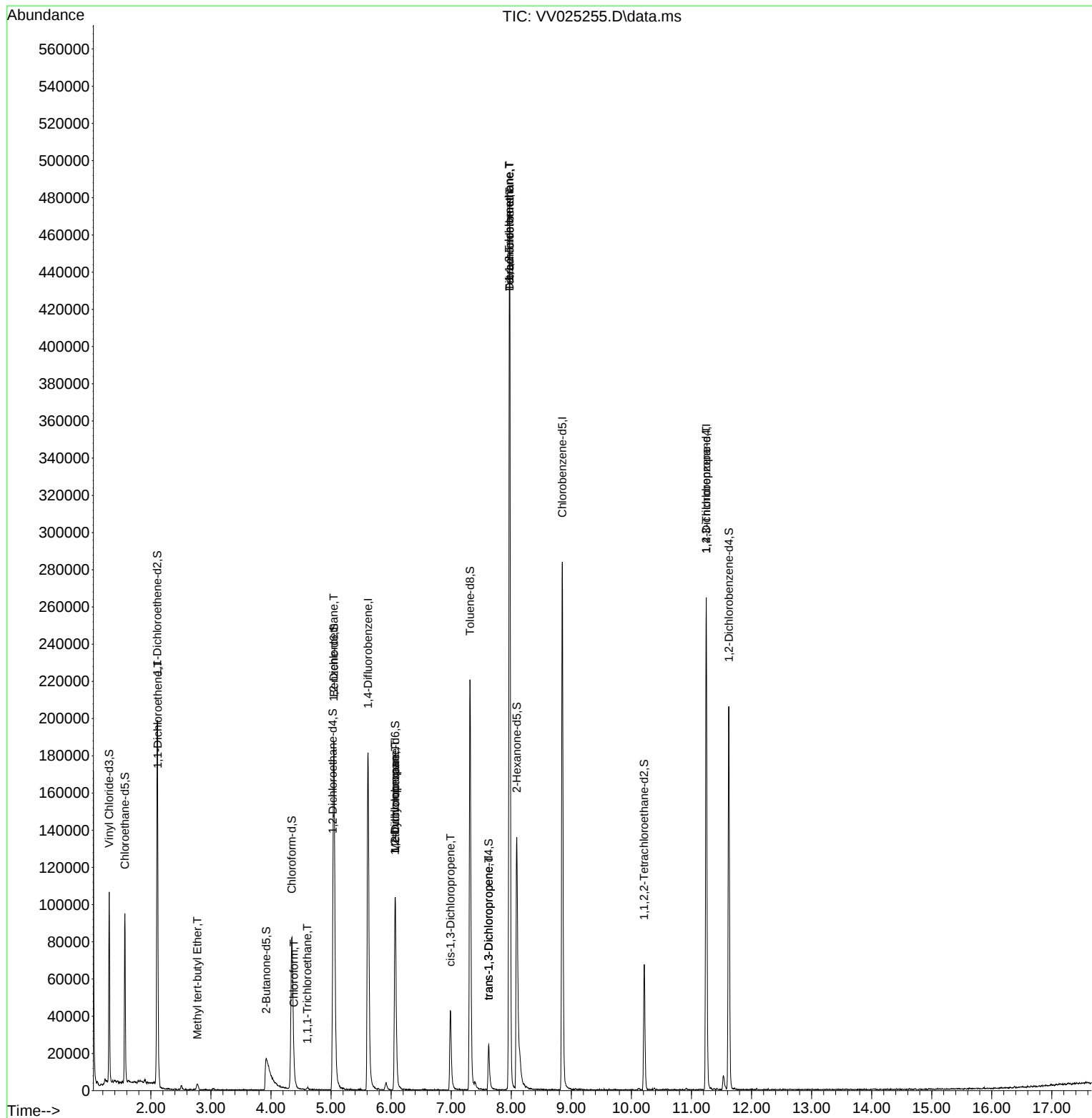
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	163988	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	158642	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69085	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	64634	4.219	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.568	69	57221	4.451	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.108	63	101900	3.071	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.400%
20) 2-Butanone-d5	3.921	46	47899	31.392	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	62.780%
24) Chloroform-d	4.346	84	88989	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	5.031	65	39663	4.489	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.047	84	175271	4.367	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.069	67	51395	4.569	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.400%
41) Toluene-d8	7.313	98	148605	4.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.625	79	14848	4.046	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.092	63	56257	42.450	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.900%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	33306	4.441	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	51888	4.676	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.114	96	2267	0.137	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	2995	0.143	ug/L #	94
25) Chloroform	4.381	83	6109	0.278	ug/L	96
27) 1,2-Dichloroethane	5.043	62	895	0.079	ug/L #	73
29) 1,1,1-Trichloroethane	4.606	97	493	0.026	ug/L #	57
35) Methylcyclohexane	6.069	83	12785	0.639	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	5766	0.534	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1559	0.111	ug/L	91
44) trans-1,3-Dichloropropene	7.625	75	809	0.074	ug/L	98
45) 1,1,2-Trichloroethane	7.966	97	855	0.116	ug/L #	7
47) Tetrachloroethene	7.973	164	101549	10.778	ug/L	97
49) Dibromochloromethane	7.973	129	97963	12.317	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	8310	1.590	ug/L #	66

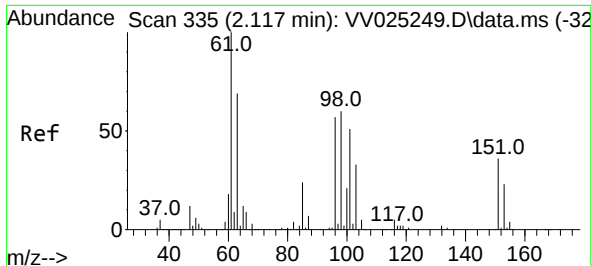
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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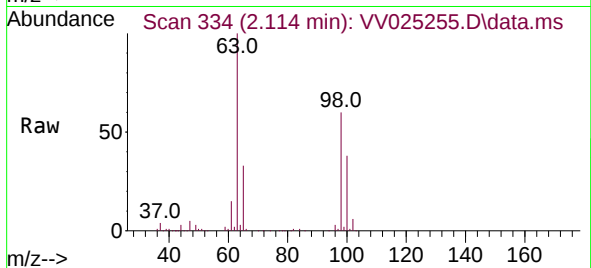
Quant Time: Mar 29 03:28:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
Quant Title : TRACE VOA SFAM1.0
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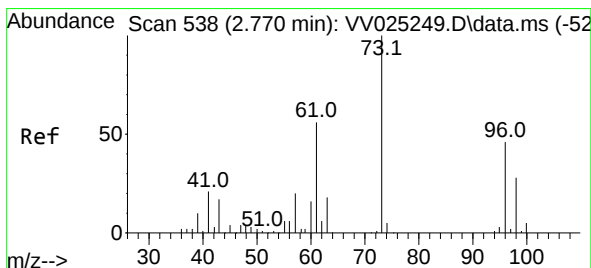
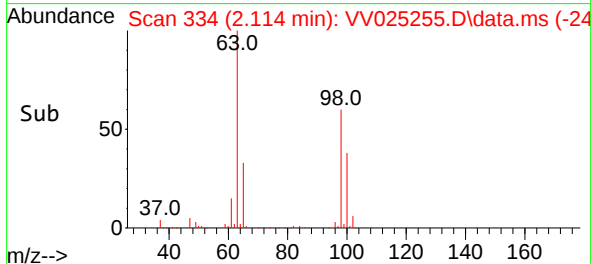
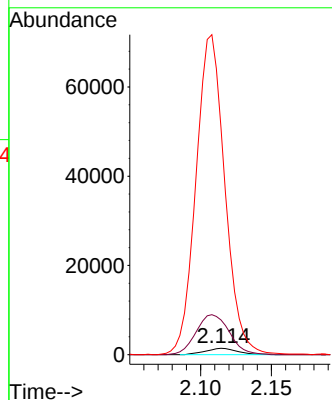


#12
1,1-Dichloroethene
Concen: 0.137 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV025255.D
Acq: 28 Mar 2022 12:51

Instrument :
MSVOA_V
ClientSampleId :

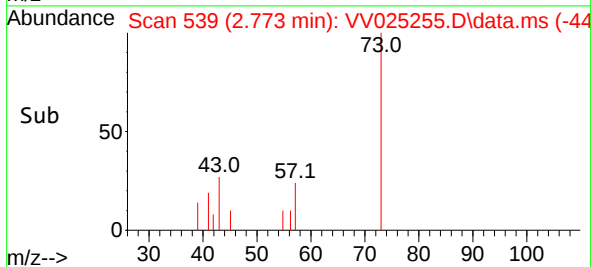
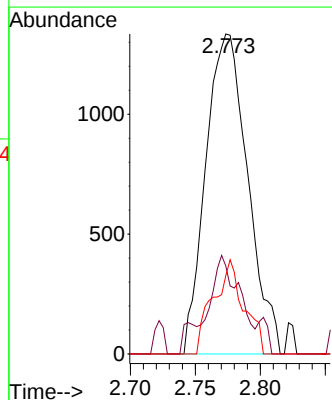
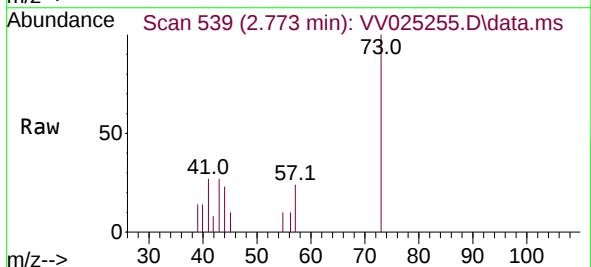


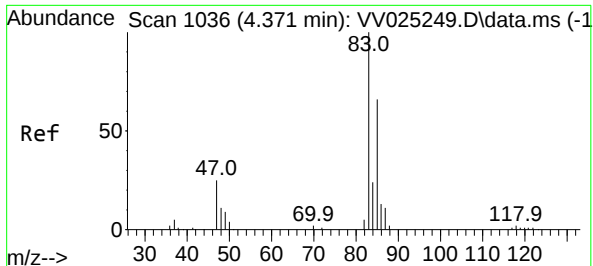
Tgt Ion: 96 Resp: 2267
Ion Ratio Lower Upper
96 100
61 535.5 121.5 225.7#
63 3502.5 77.9 144.7#



#17
Methyl tert-butyl Ether
Concen: 0.143 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV025255.D
Acq: 28 Mar 2022 12:51

Tgt Ion: 73 Resp: 2995
Ion Ratio Lower Upper
73 100
43 21.6 13.5 20.3#
57 21.6 16.4 24.6





#25

Chloroform

Concen: 0.278 ug/L

RT: 4.381 min Scan# 110

Delta R.T. 0.010 min

Lab File: VV025255.D

Acq: 28 Mar 2022 12:51

Instrument :

MSVOA_V

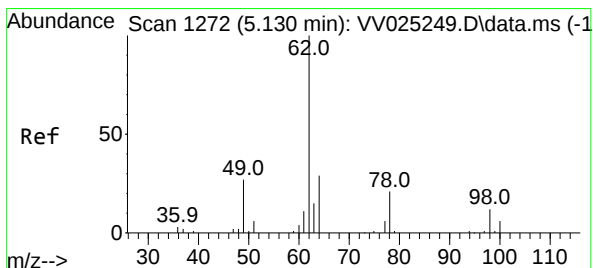
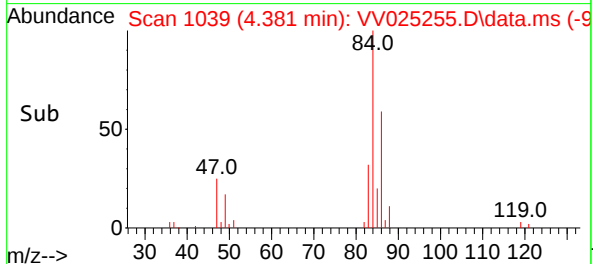
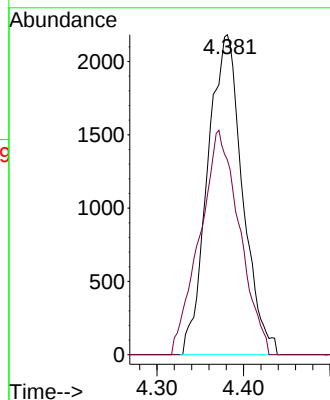
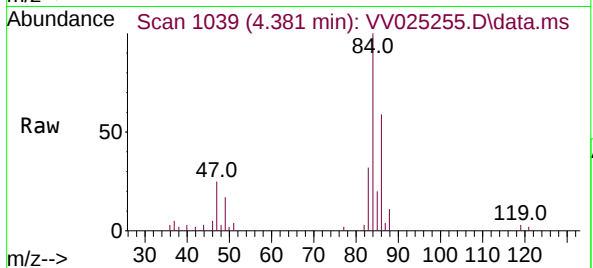
ClientSampleId :

Tgt Ion: 83 Resp: 6109

Ion Ratio Lower Upper

83 100

85 61.0 44.7 82.9



#27

1,2-Dichloroethane

Concen: 0.079 ug/L

RT: 5.043 min Scan# 1245

Delta R.T. -0.087 min

Lab File: VV025255.D

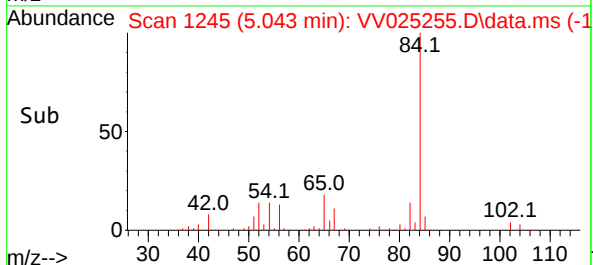
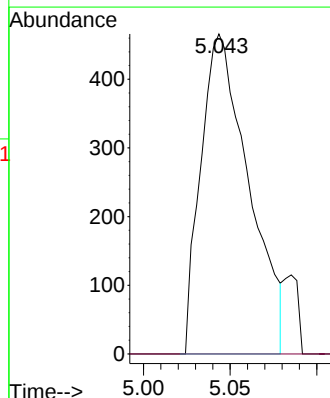
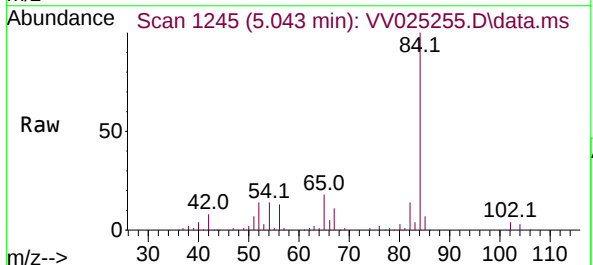
Acq: 28 Mar 2022 12:51

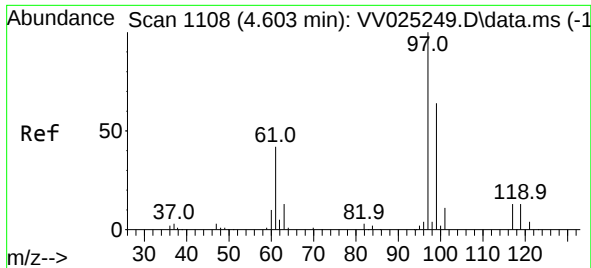
Tgt Ion: 62 Resp: 895

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#

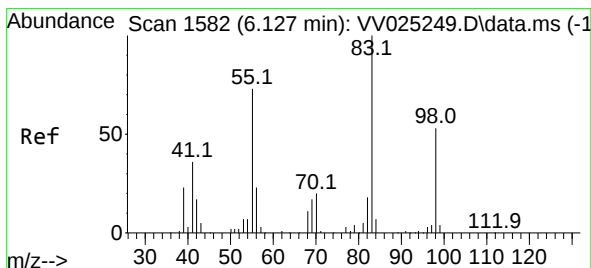
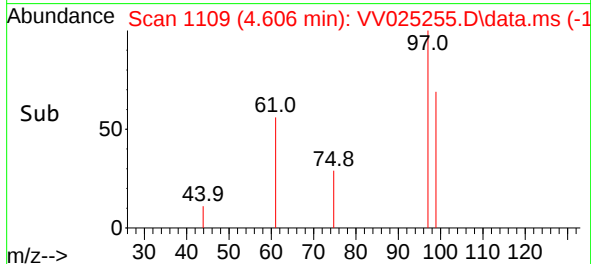
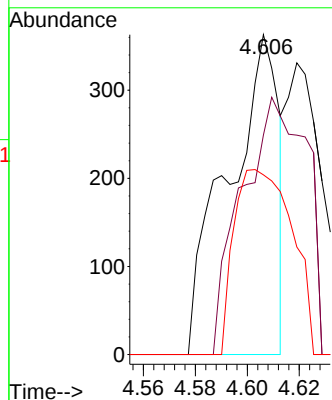
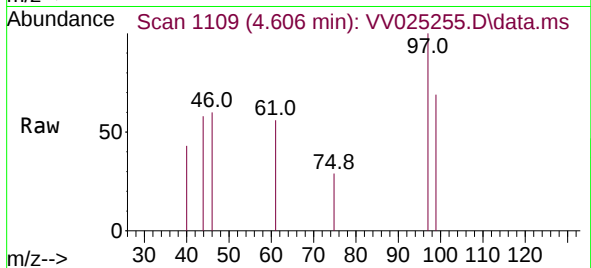




#29
 1,1,1-Trichloroethane
 Concen: 0.026 ug/L
 RT: 4.606 min Scan# 1108
 Delta R.T. 0.003 min
 Lab File: VV025255.D
 Acq: 28 Mar 2022 12:51

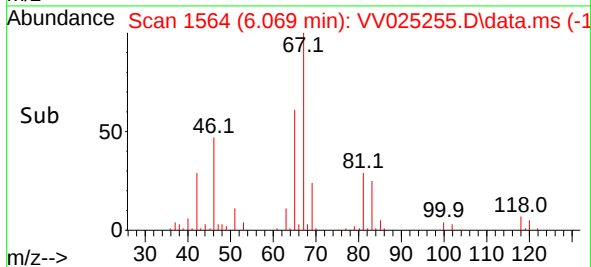
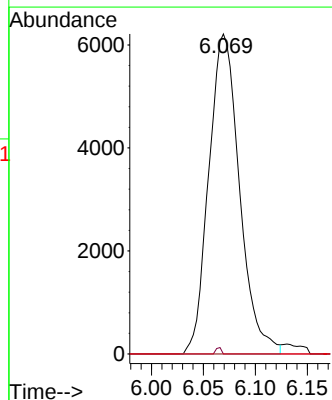
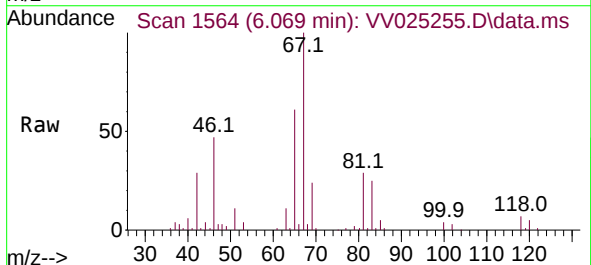
Instrument :
 MSVOA_V
 ClientSampleId :

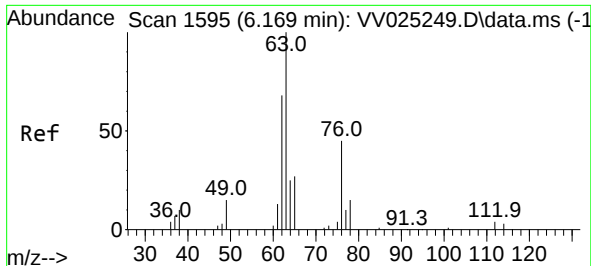
Tgt Ion: 97 Resp: 493
 Ion Ratio Lower Upper
 97 100
 99 102.2 51.9 77.9#
 61 66.1 34.2 51.2#



#35
 Methylcyclohexane
 Concen: 0.639 ug/L
 RT: 6.069 min Scan# 1564
 Delta R.T. -0.058 min
 Lab File: VV025255.D
 Acq: 28 Mar 2022 12:51

Tgt Ion: 83 Resp: 12785
 Ion Ratio Lower Upper
 83 100
 55 0.3 54.6 81.8#
 98 0.2 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.534 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.103 min

Lab File: VV025255.D

Acq: 28 Mar 2022 12:51

Instrument :

MSVOA_V

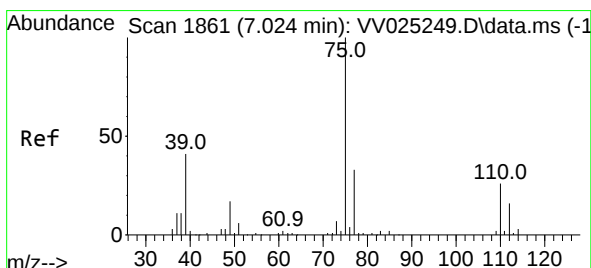
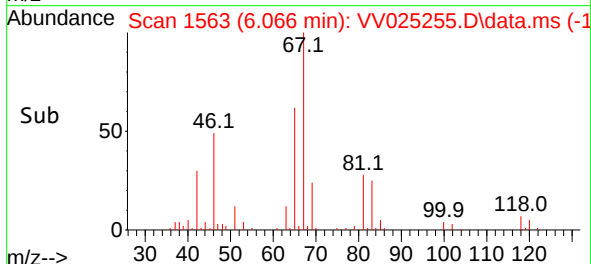
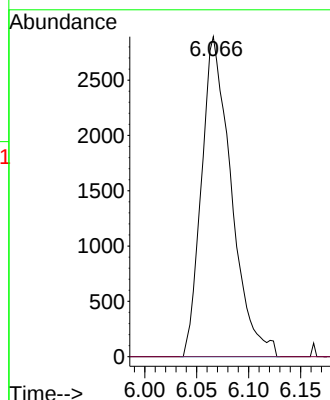
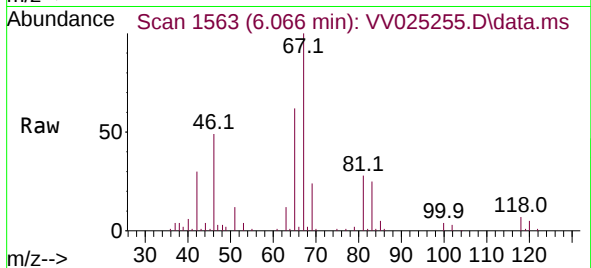
ClientSampleId :

Tgt Ion: 63 Resp: 5766

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.035 min

Lab File: VV025255.D

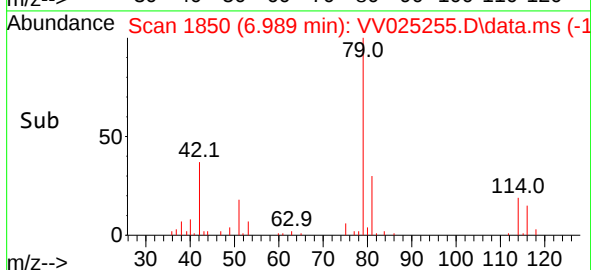
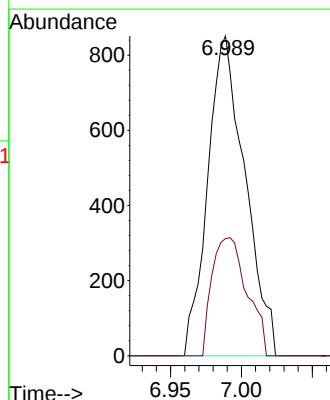
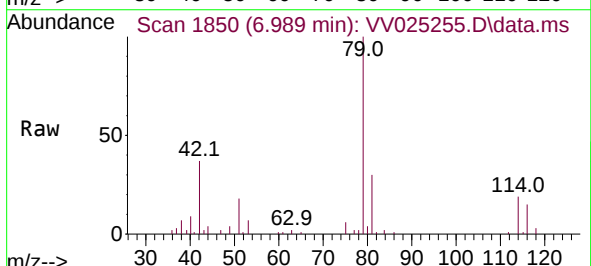
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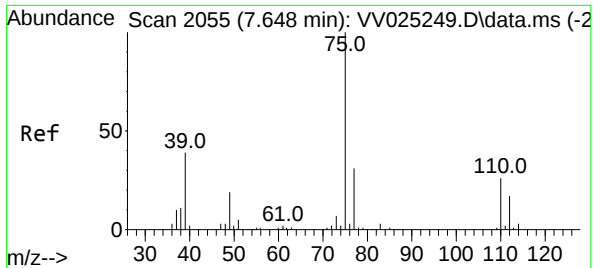
Tgt Ion: 75 Resp: 1559

Ion Ratio Lower Upper

75 100

77 36.7 22.1 41.1

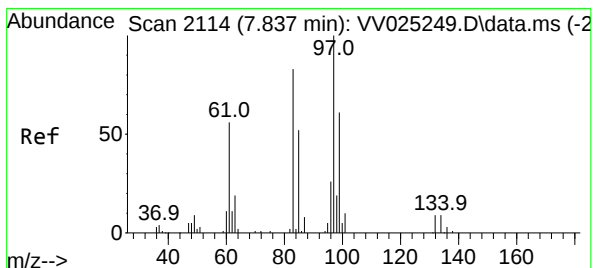
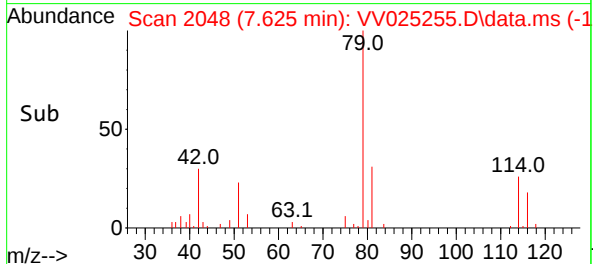
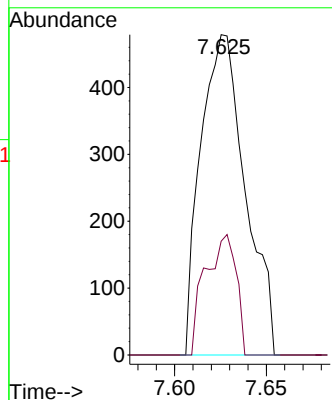
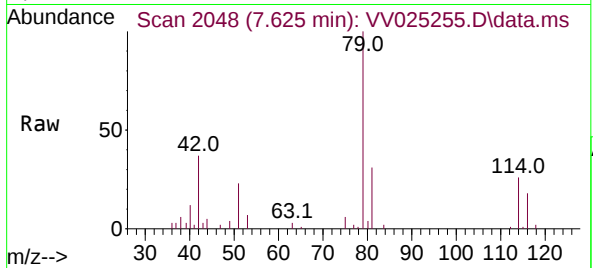




#44
 trans-1,3-Dichloropropene
 Concen: 0.074 ug/L
 RT: 7.625 min Scan# 2055
 Delta R.T. -0.022 min
 Lab File: VV025255.D
 Acq: 28 Mar 2022 12:51

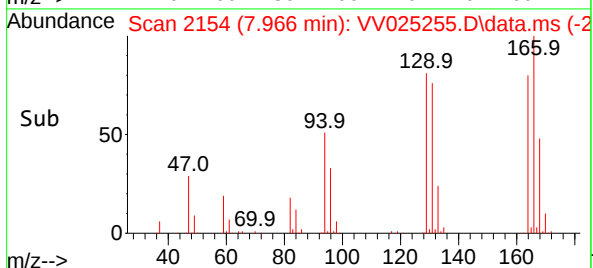
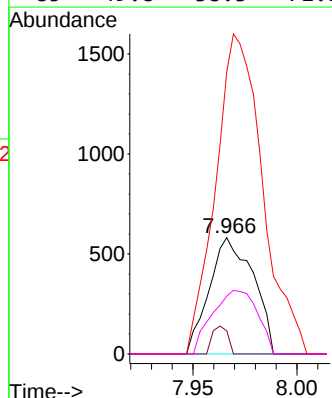
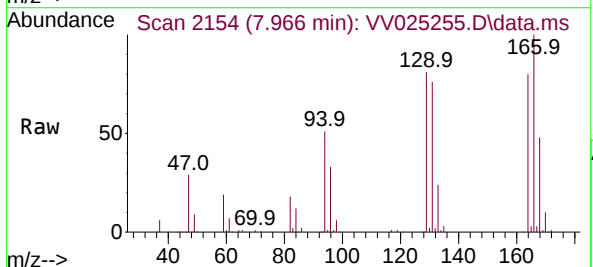
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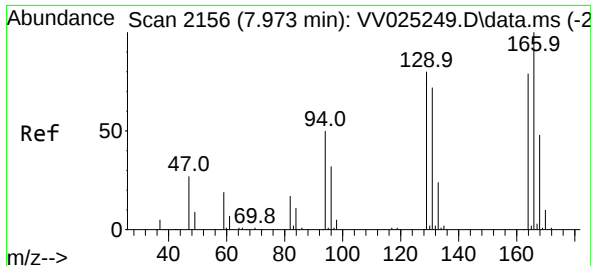
Tgt Ion: 75 Resp: 809
 Ion Ratio Lower Upper
 75 100
 77 35.5 24.2 45.0



#45
 1,1,2-Trichloroethane
 Concen: 0.116 ug/L
 RT: 7.966 min Scan# 2154
 Delta R.T. 0.129 min
 Lab File: VV025255.D
 Acq: 28 Mar 2022 12:51

Tgt Ion: 97 Resp: 855
 Ion Ratio Lower Upper
 97 100
 99 19.9 43.3 80.5#
 83 242.4 58.0 107.6#
 85 49.8 38.3 71.1





#47

Tetrachloroethene

Concen: 10.778 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. 0.000 min

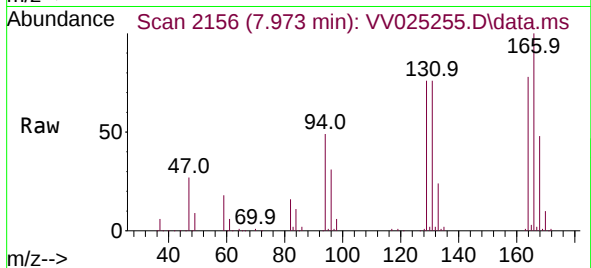
Lab File: VV025255.D

Acq: 28 Mar 2022 12:51

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 101549

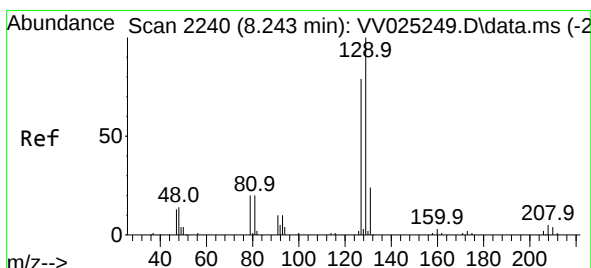
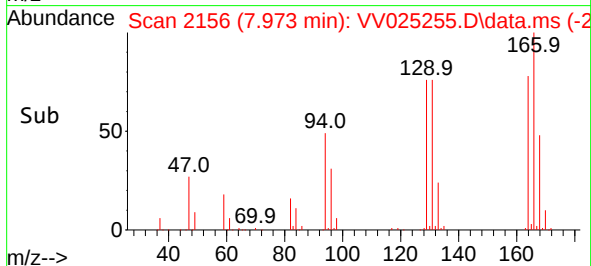
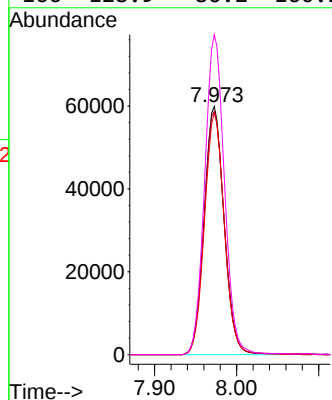
Ion Ratio Lower Upper

164 100

129 98.0 67.5 125.4

131 97.6 68.0 126.4

166 128.9 86.2 160.2



#49

Dibromochloromethane

Concen: 12.317 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.270 min

Lab File: VV025255.D

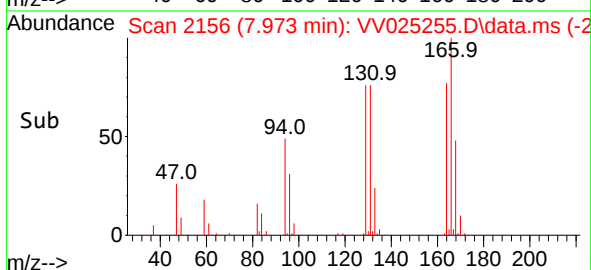
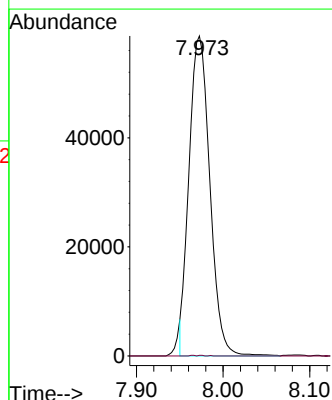
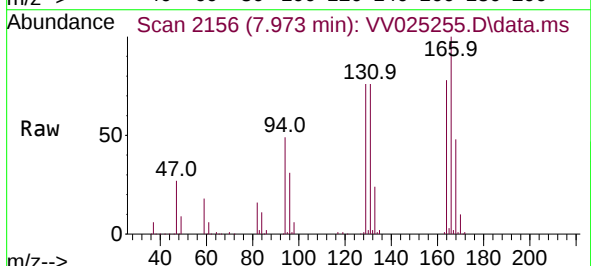
Acq: 28 Mar 2022 12:51

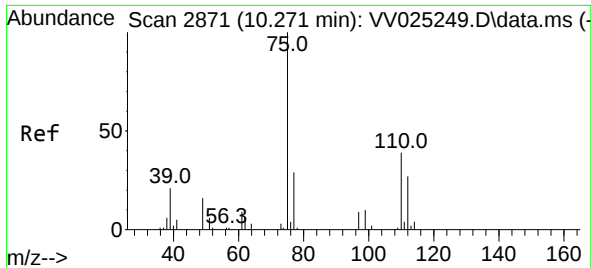
Tgt Ion:129 Resp: 97963

Ion Ratio Lower Upper

129 100

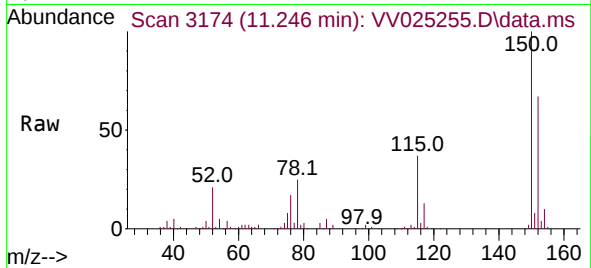
127 0.2 54.1 100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.590 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV025255.D
 Acq: 28 Mar 2022 12:51

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 8310
 Ion Ratio Lower Upper
 75 100
 77 35.0 25.8 38.6
 110 3.9 31.6 47.4#

