

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070622\
 Data File : VV026663.D
 Acq On : 06 Jul 2022 13:18
 Operator : SY/MD
 Sample : N3598-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 07 01:17:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 07 01:16:16 2022
 Response via : Initial Calibration

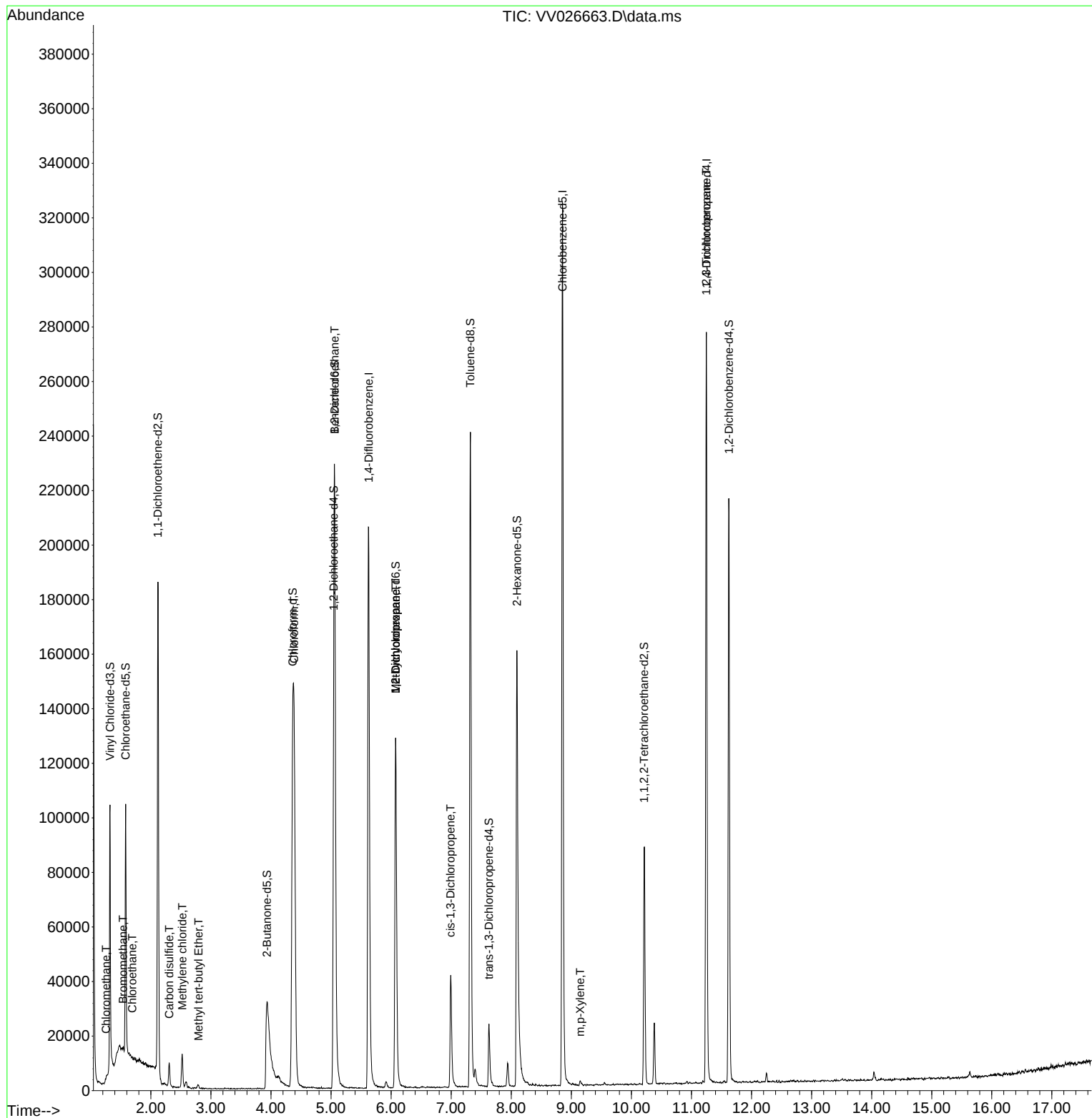
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	192191	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	190385	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76993	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	67168	4.346	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	87.000%	
7) Chloroethane-d5	1.580	69	57717	4.648	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.000%	
11) 1,1-Dichloroethene-d2	2.117	63	95546	3.479	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.600%	
20) 2-Butanone-d5	3.934	46	70228	45.702	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	91.400%	
24) Chloroform-d	4.362	84	122608	4.853	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
26) 1,2-Dichloroethane-d4	5.043	65	46898	4.819	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.059	84	219869	4.021	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
36) 1,2-Dichloropropane-d6	6.075	67	65863	4.380	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	87.600%	
41) Toluene-d8	7.320	98	168089	3.418	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.400%#	
43) trans-1,3-Dichloroprop...	7.628	79	15010	3.862	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	77.200%	
46) 2-Hexanone-d5	8.095	63	56804	38.367	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	76.740%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43692	4.441	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	58060	4.557	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	91.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.253	50	704	0.044	ug/L	94
6) Bromomethane	1.535	94	672	0.073	ug/L	88
8) Chloroethane	1.690	64	855	0.074	ug/L #	57
14) Carbon disulfide	2.304	76	10357	0.302	ug/L	99
16) Methylene chloride	2.523	84	5150	0.374	ug/L	93
17) Methyl tert-butyl Ether	2.796	73	1067	0.050	ug/L #	63
25) Chloroform	4.384	83	107719	4.234	ug/L	96
27) 1,2-Dichloroethane	5.059	62	1049	0.093	ug/L #	73
35) Methylcyclohexane	6.075	83	16814	0.778	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	6953	0.519	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	1270	0.094	ug/L #	65
53) m,p-Xylene	9.146	106	861	0.037	ug/L	74
61) 1,2,3-Trichloropropane	11.246	75	8194	1.644	ug/L #	65

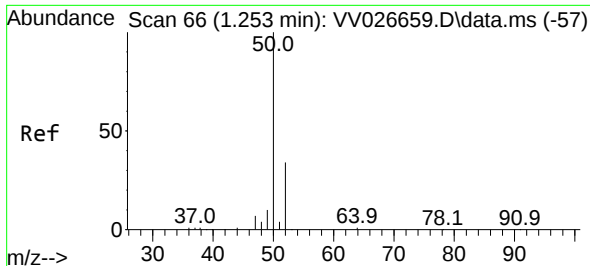
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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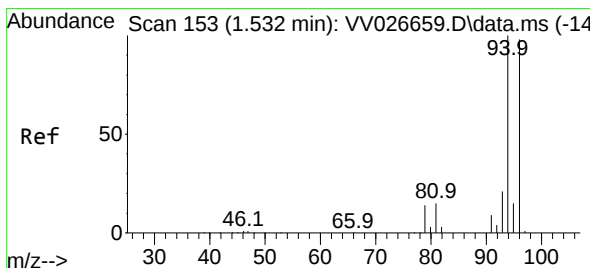
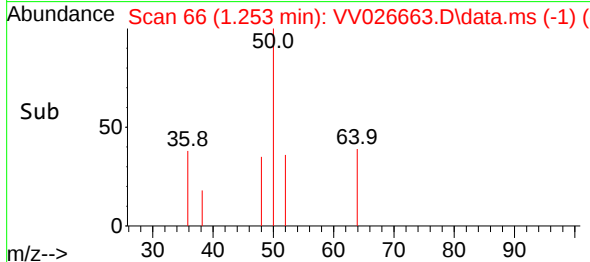
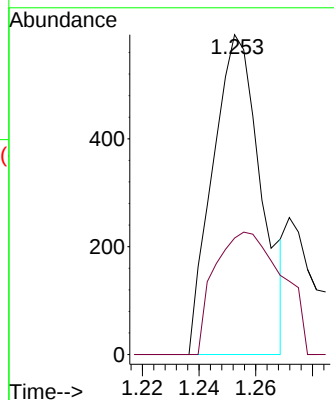
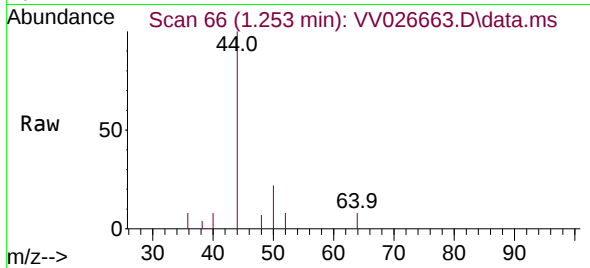




#3
Chloromethane
Concen: 0.044 ug/L
RT: 1.253 min Scan# 60
Delta R.T. -0.000 min
Lab File: VV026663.D
Acq: 06 Jul 2022 13:18

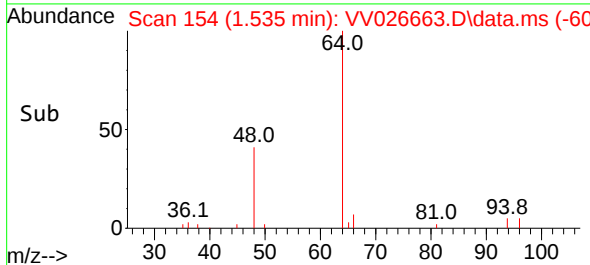
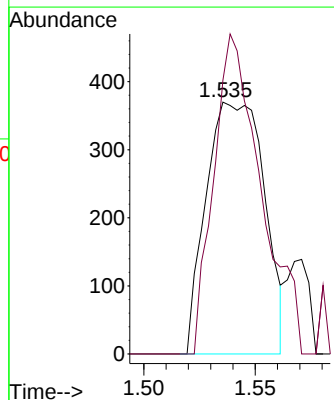
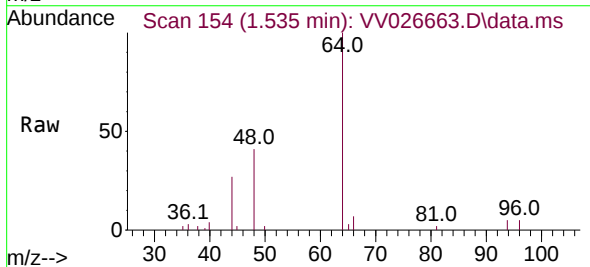
Instrument :
MSVOA_V
ClientSampleId :

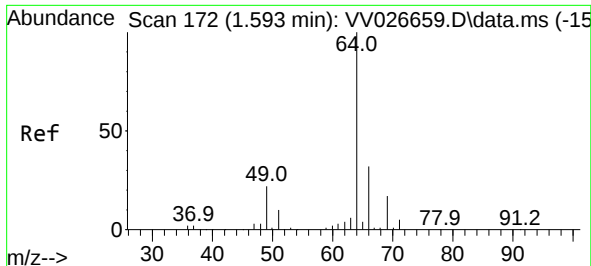
Tgt Ion: 50 Resp: 704
Ion Ratio Lower Upper
50 100
52 36.4 23.0 42.6



#6
Bromomethane
Concen: 0.073 ug/L
RT: 1.535 min Scan# 154
Delta R.T. 0.003 min
Lab File: VV026663.D
Acq: 06 Jul 2022 13:18

Tgt Ion: 94 Resp: 672
Ion Ratio Lower Upper
94 100
96 108.6 68.0 126.2

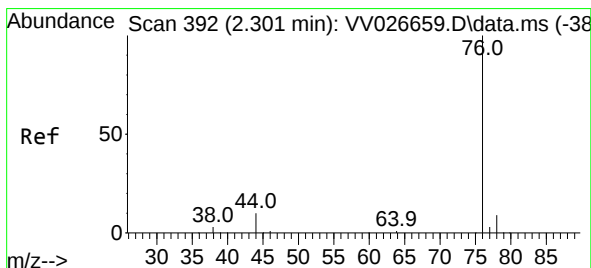
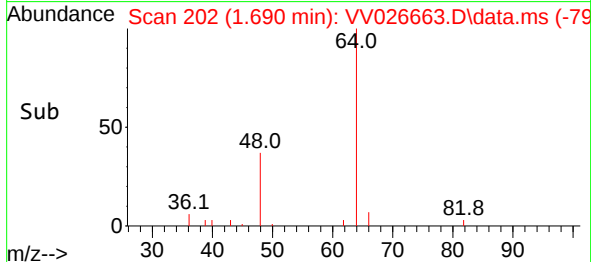
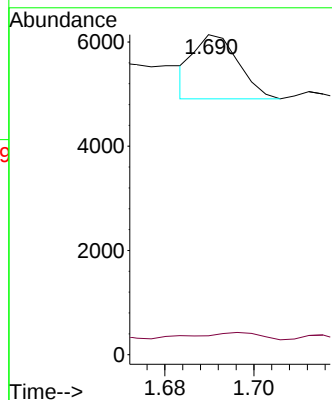
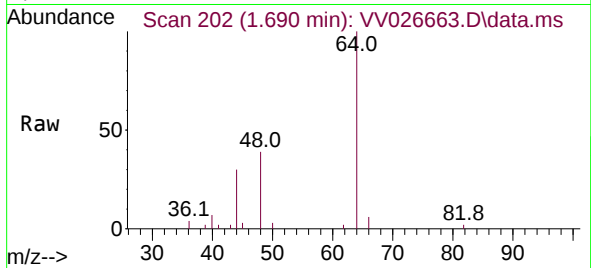




#8
Chloroethane
Concen: 0.074 ug/L
RT: 1.690 min Scan# 20
Delta R.T. 0.096 min
Lab File: VV026663.D
Acq: 06 Jul 2022 13:18

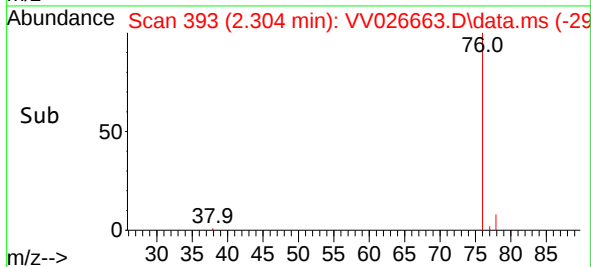
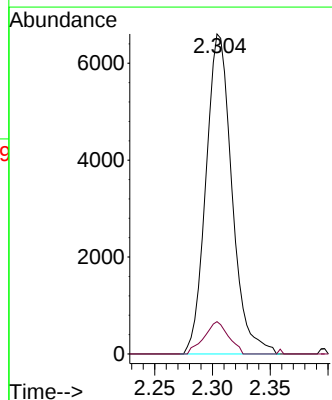
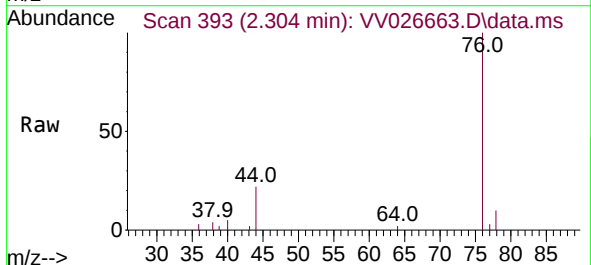
Instrument :
MSVOA_V
ClientSampleId :

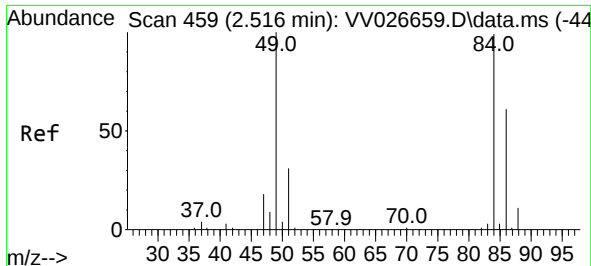
Tgt Ion: 64 Resp: 855
Ion Ratio Lower Upper
64 100
66 5.9 20.0 37.2#



#14
Carbon disulfide
Concen: 0.302 ug/L
RT: 2.304 min Scan# 393
Delta R.T. 0.003 min
Lab File: VV026663.D
Acq: 06 Jul 2022 13:18

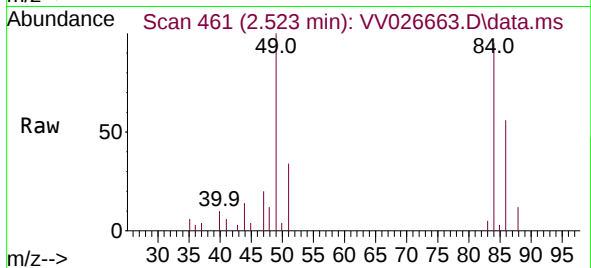
Tgt Ion: 76 Resp: 10357
Ion Ratio Lower Upper
76 100
78 10.1 7.8 11.6



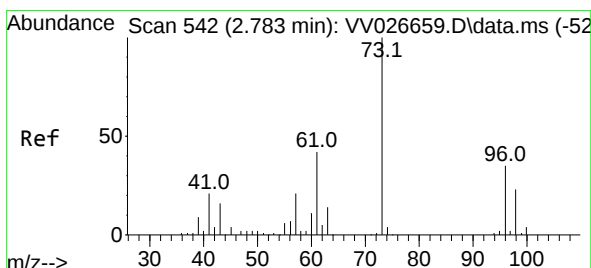
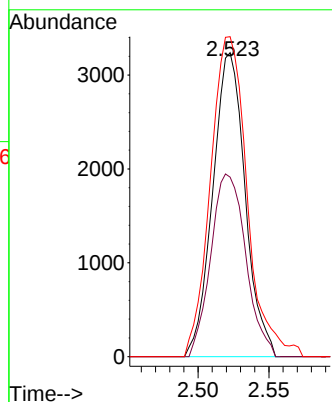
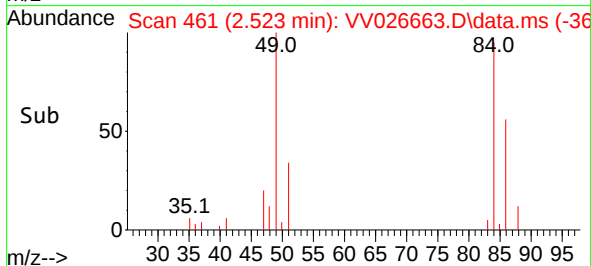


#16
Methylene chloride
Concen: 0.374 ug/L
RT: 2.523 min Scan# 41
Delta R.T. 0.006 min
Lab File: VV026663.D
Acq: 06 Jul 2022 13:18

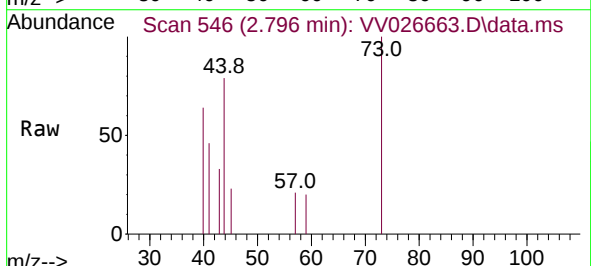
Instrument :
MSVOA_V
ClientSampleId :



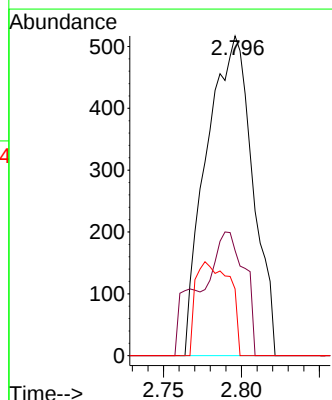
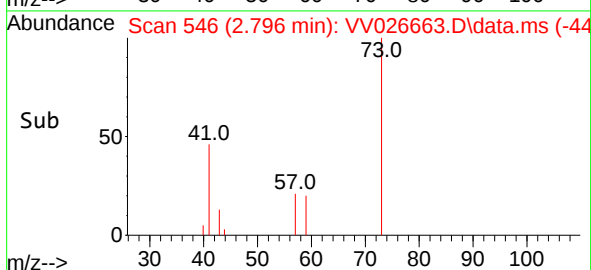
Tgt Ion: 84 Resp: 5150
Ion Ratio Lower Upper
84 100
86 59.1 46.0 85.4
49 105.2 77.7 144.3

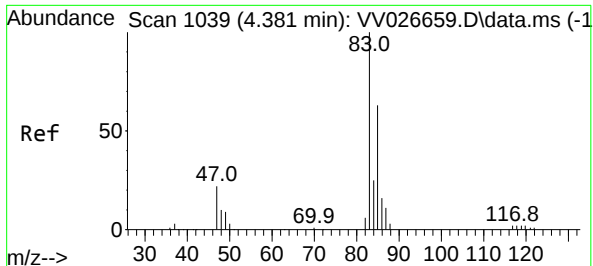


#17
Methyl tert-butyl Ether
Concen: 0.050 ug/L
RT: 2.796 min Scan# 546
Delta R.T. 0.013 min
Lab File: VV026663.D
Acq: 06 Jul 2022 13:18



Tgt Ion: 73 Resp: 1067
Ion Ratio Lower Upper
73 100
43 28.1 13.3 19.9#
57 0.0 17.2 25.8#





#25

Chloroform

Concen: 4.234 ug/L

RT: 4.384 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV026663.D

Acq: 06 Jul 2022 13:18

Instrument :

MSVOA_V

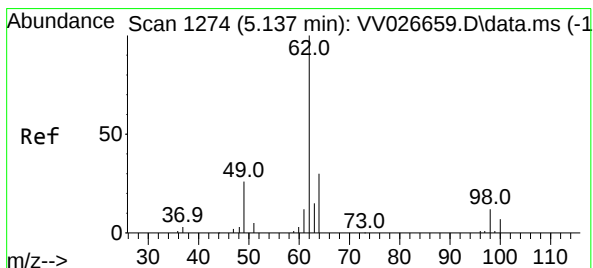
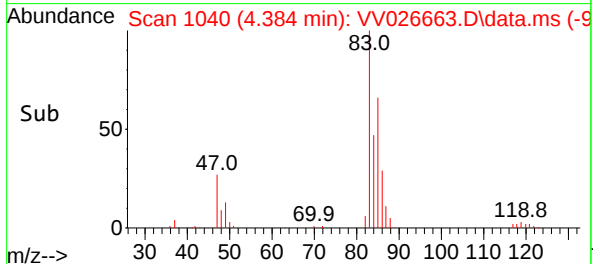
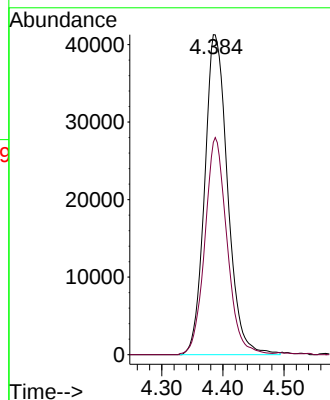
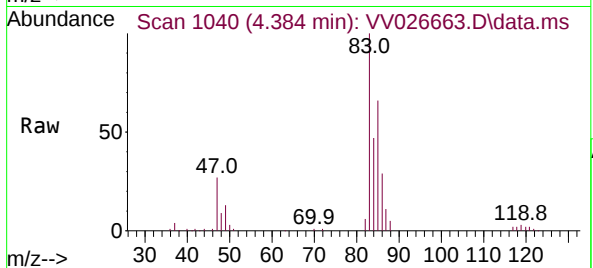
ClientSampleId :

Tgt Ion: 83 Resp: 107719

Ion Ratio Lower Upper

83 100

85 66.3 44.0 81.8



#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.059 min Scan# 1250

Delta R.T. -0.077 min

Lab File: VV026663.D

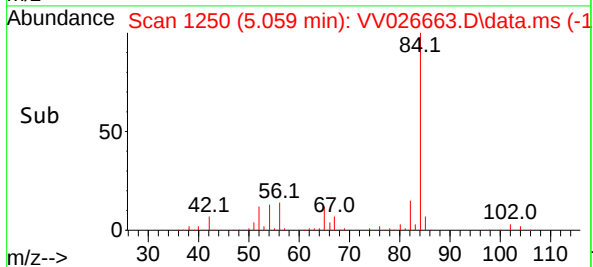
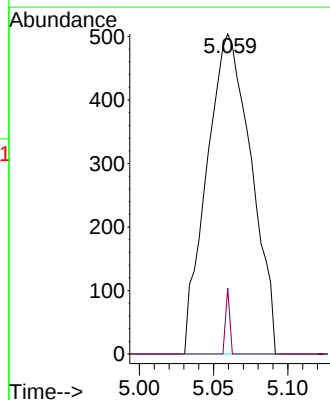
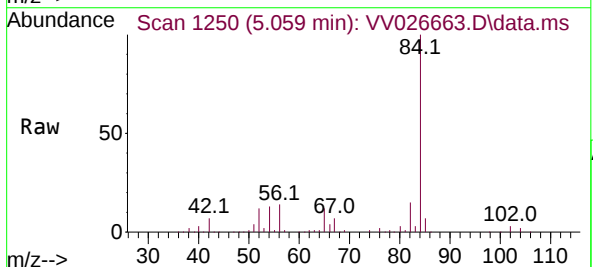
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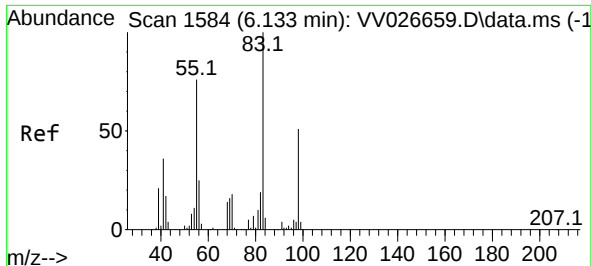
Tgt Ion: 62 Resp: 1049

Ion Ratio Lower Upper

62 100

98 20.6 8.4 12.6#

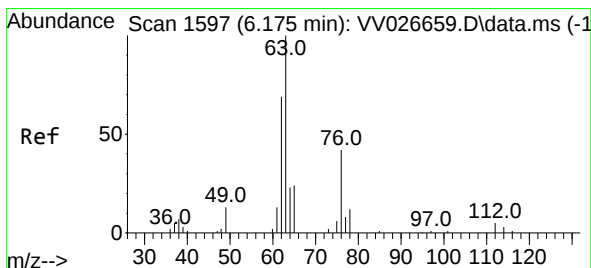
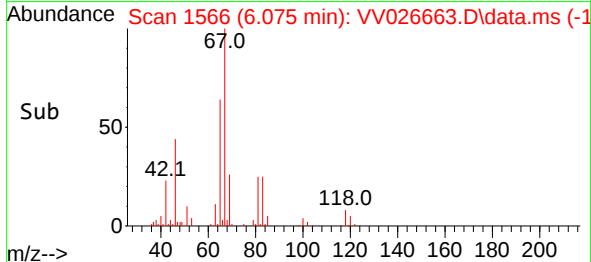
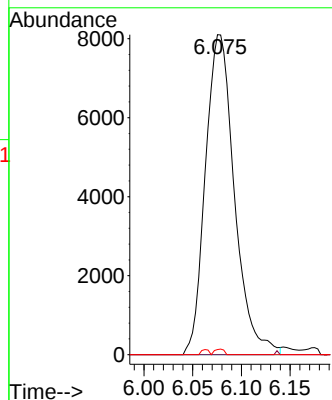
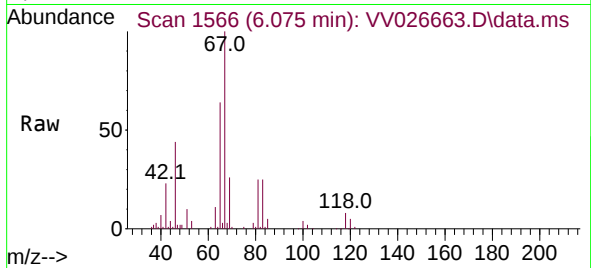




#35
Methylcyclohexane
Concen: 0.778 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026663.D
Acq: 06 Jul 2022 13:18

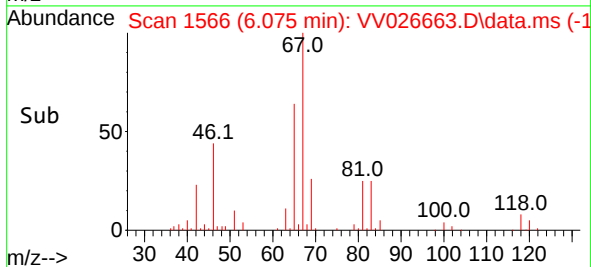
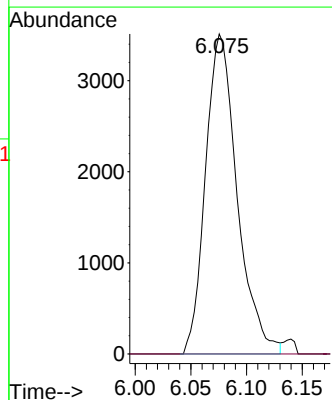
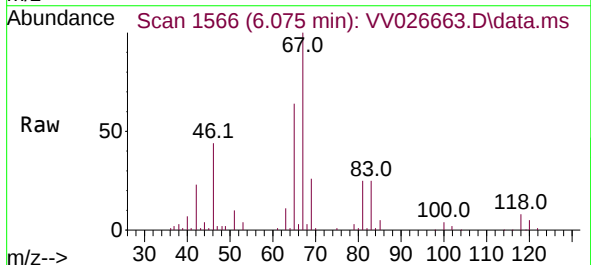
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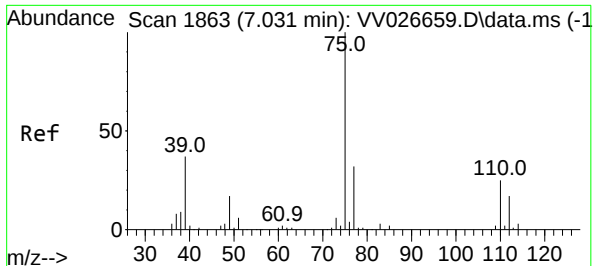
Tgt Ion: 83 Resp: 16814
Ion Ratio Lower Upper
83 100
55 0.1 57.0 85.4#
98 0.6 39.8 59.8#



#37
1,2-Dichloropropane
Concen: 0.519 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV026663.D
Acq: 06 Jul 2022 13:18

Tgt Ion: 63 Resp: 6953
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV026663.D

Acq: 06 Jul 2022 13:18

Instrument :

MSVOA_V

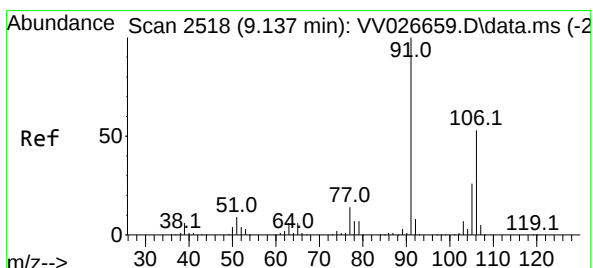
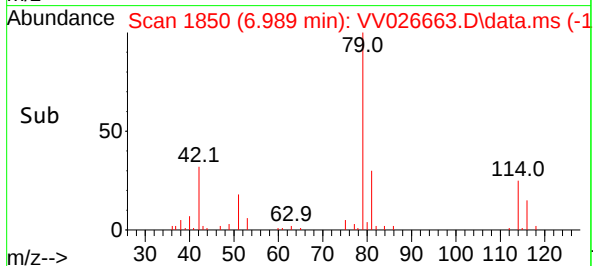
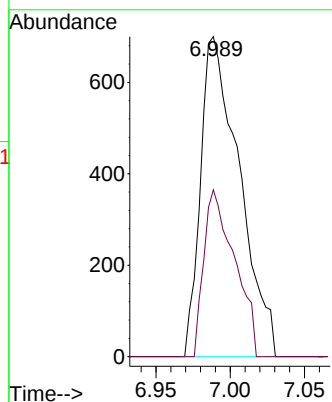
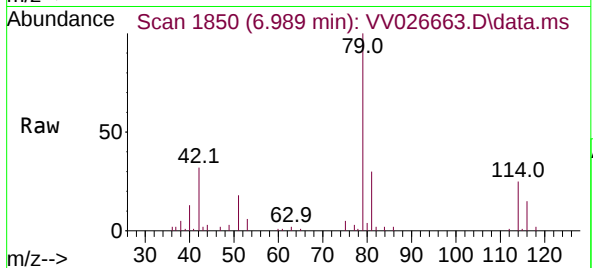
ClientSampleId :

Tgt Ion: 75 Resp: 1270

Ion Ratio Lower Upper

75 100

77 52.1 22.8 42.4#



#53

m,p-Xylene

Concen: 0.037 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV026663.D

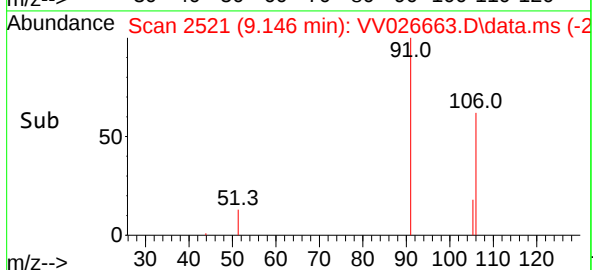
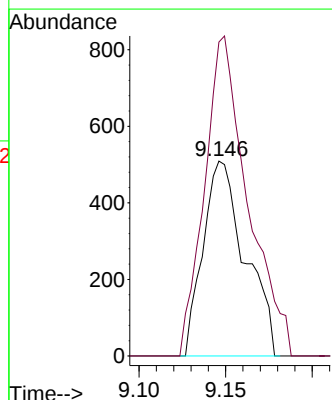
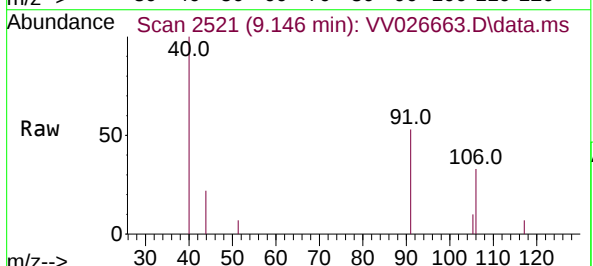
Acq: 06 Jul 2022 13:18

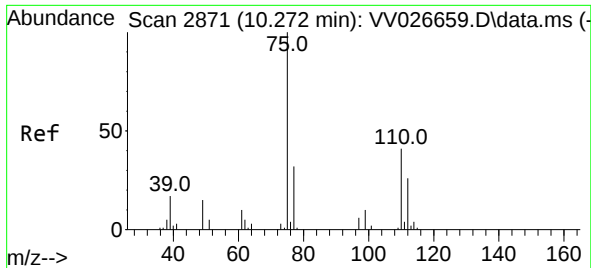
Tgt Ion: 106 Resp: 861

Ion Ratio Lower Upper

106 100

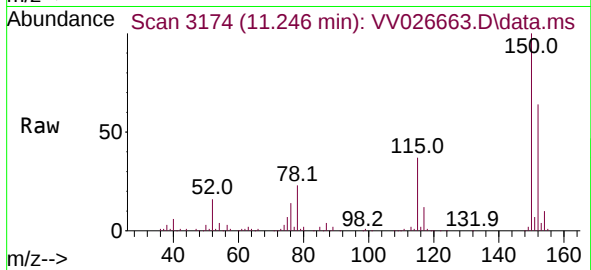
91 161.1 139.9 259.9





#61
 1,2,3-Trichloropropane
 Concen: 1.644 ug/L
 RT: 11.246 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026663.D
 Acq: 06 Jul 2022 13:18

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 8194
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.6
 110 1.2 32.5 48.7#

