

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW083122\
 Data File : VW027664.D
 Acq On : 01 Sep 2022 12:39
 Operator : SY/MD
 Sample : N4369-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 01 23:17:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 01 07:36:37 2022
 Response via : Initial Calibration

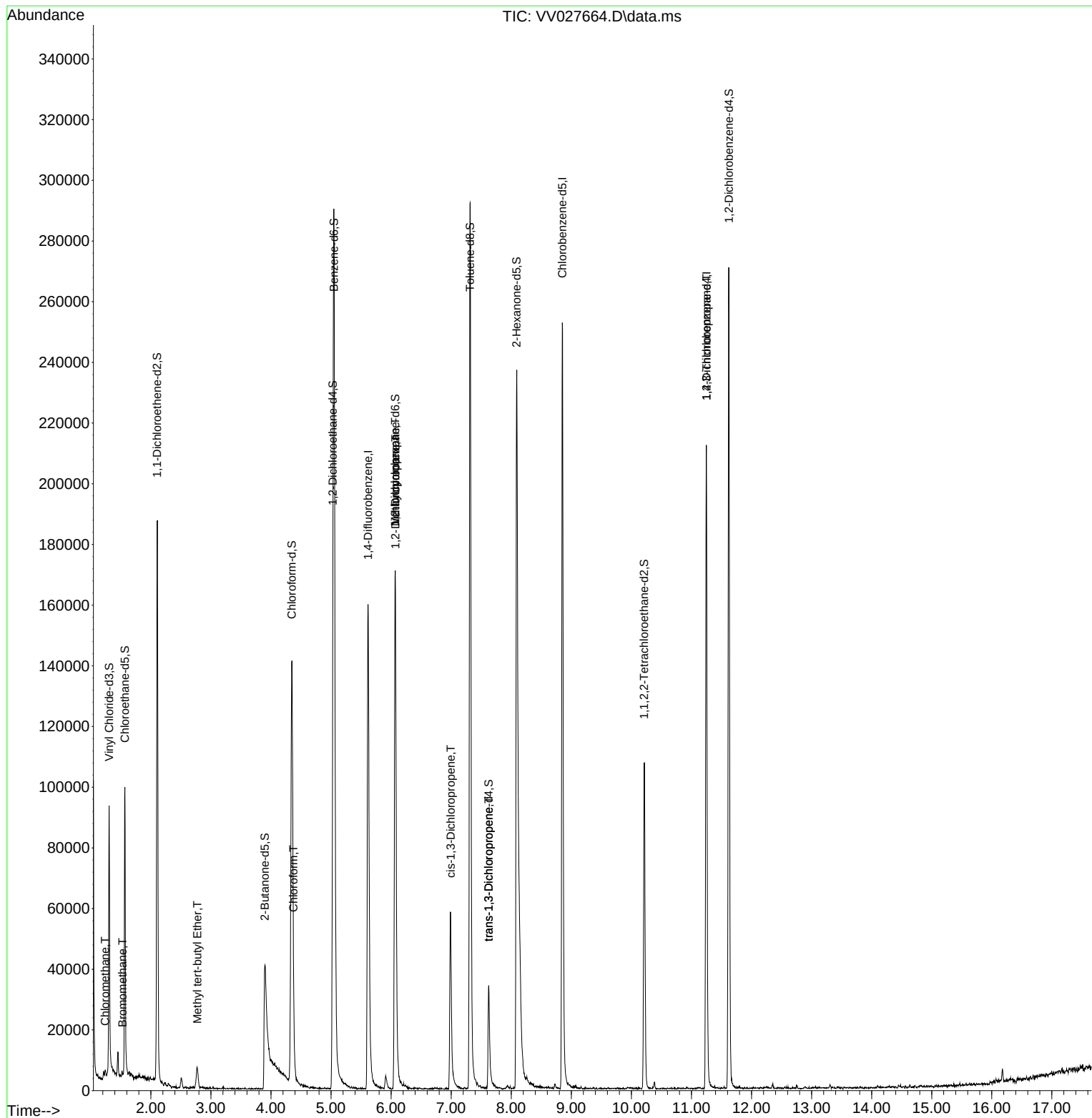
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	142651	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	137975	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55297	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	64559	4.166	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.400%	
7) Chloroethane-d5	1.568	69	59352	4.578	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	91.600%	
11) 1,1-Dichloroethene-d2	2.105	63	100852	3.325	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	66.600%	
20) 2-Butanone-d5	3.899	46	89492	34.155	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	68.320%	
24) Chloroform-d	4.346	84	145833	4.688	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	5.031	65	67241	4.825	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.050	84	261940	4.635	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
36) 1,2-Dichloropropane-d6	6.069	67	83458	4.774	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.400%	
41) Toluene-d8	7.313	98	197389	4.033	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.600%	
43) trans-1,3-Dichloroprop...	7.625	79	21017	3.903	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.000%	
46) 2-Hexanone-d5	8.088	63	99962	49.359	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.720%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53037	4.715	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	67352	5.440	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1439	0.077	ug/L	87
6) Bromomethane	1.526	94	388	0.047	ug/L	76
17) Methyl tert-butyl Ether	2.773	73	6149	0.242	ug/L #	92
25) Chloroform	4.375	83	2135	0.077	ug/L #	56
35) Methylcyclohexane	6.069	83	20206	0.984	ug/L #	17
37) 1,2-Dichloropropane	6.072	63	9307	0.685	ug/L #	89
39) cis-1,3-Dichloropropene	6.992	75	1666	0.100	ug/L	90
44) trans-1,3-Dichloropropene	7.625	75	1070	0.079	ug/L	93
61) 1,2,3-Trichloropropane	11.249	75	6267	1.120	ug/L #	65

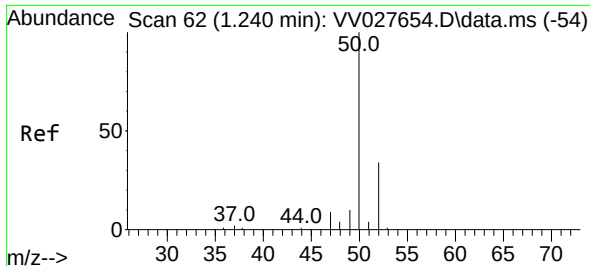
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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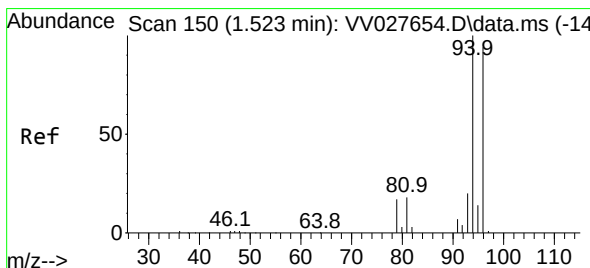
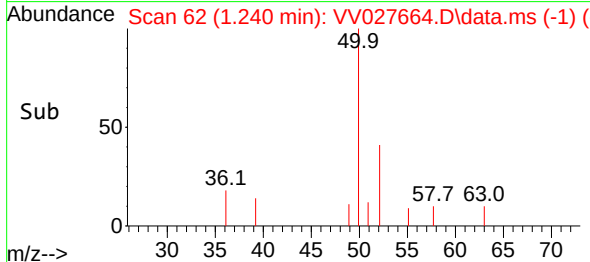
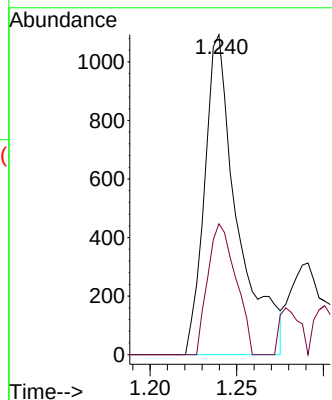
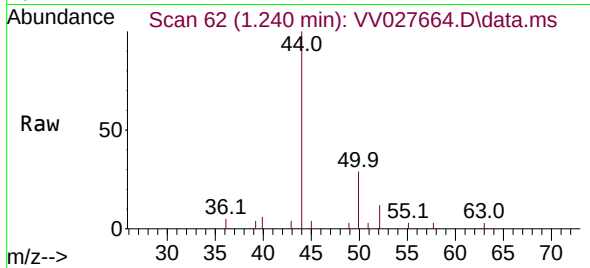




#3
Chloromethane
Concen: 0.077 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027664.D
Acq: 01 Sep 2022 12:39

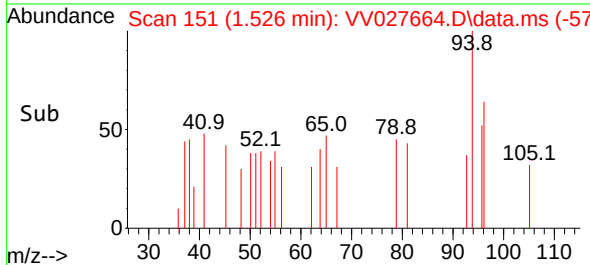
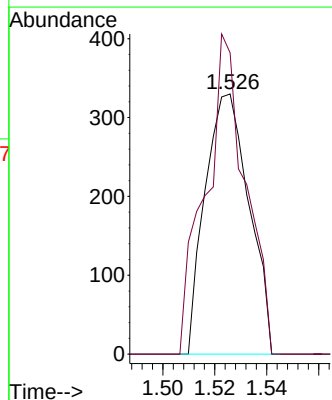
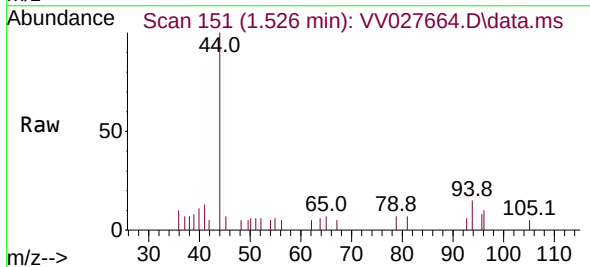
Instrument :
MSVOA_V
ClientSampleId :

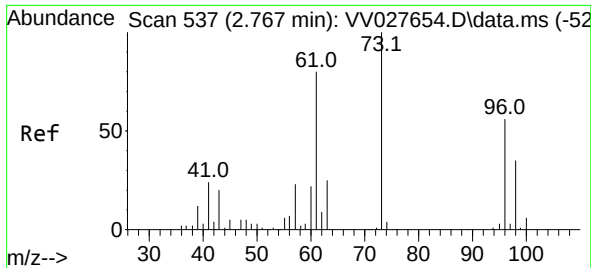
Tgt Ion: 50 Resp: 1439
Ion Ratio Lower Upper
50 100
52 40.9 23.5 43.7



#6
Bromomethane
Concen: 0.047 ug/L
RT: 1.526 min Scan# 151
Delta R.T. 0.003 min
Lab File: VV027664.D
Acq: 01 Sep 2022 12:39

Tgt Ion: 94 Resp: 388
Ion Ratio Lower Upper
94 100
96 115.8 65.1 120.9

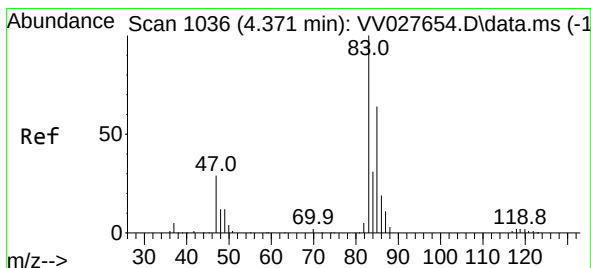
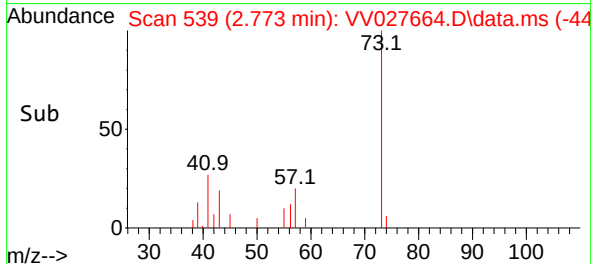
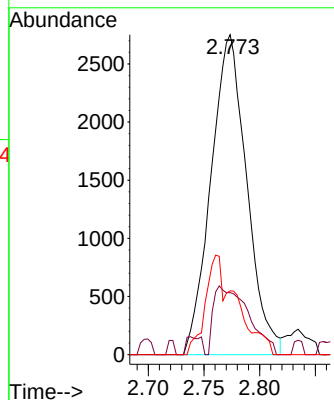
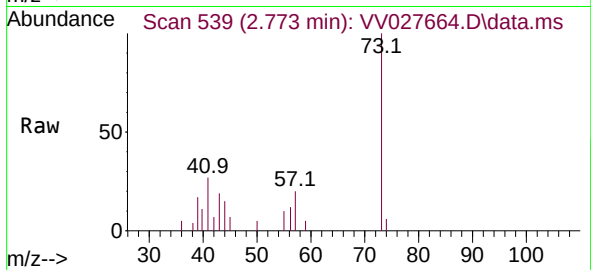




#17
Methyl tert-butyl Ether
Concen: 0.242 ug/L
RT: 2.773 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027664.D
Acq: 01 Sep 2022 12:39

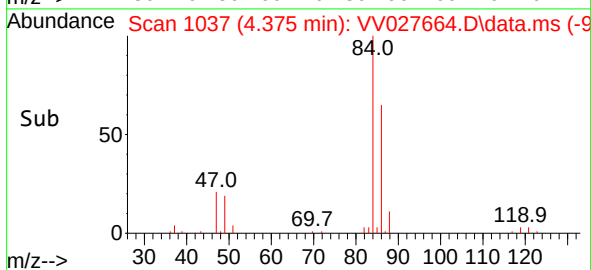
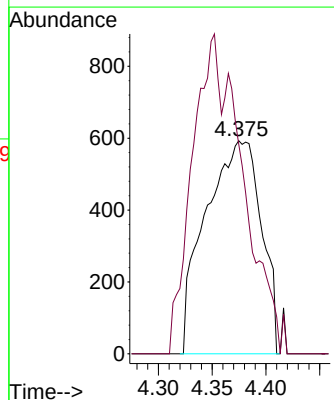
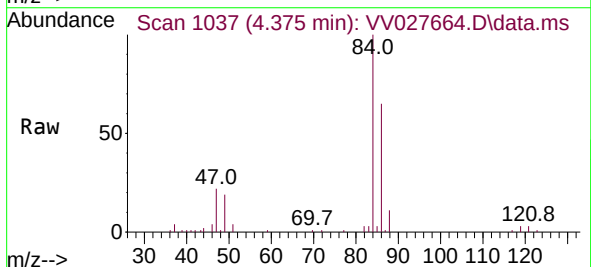
Instrument :
MSVOA_V
ClientSampleId :

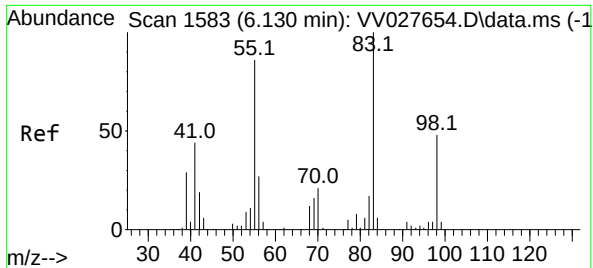
Tgt Ion: 73 Resp: 6149
Ion Ratio Lower Upper
73 100
43 20.9 16.5 24.7
57 16.1 18.2 27.2#



#25
Chloroform
Concen: 0.077 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.003 min
Lab File: VV027664.D
Acq: 01 Sep 2022 12:39

Tgt Ion: 83 Resp: 2135
Ion Ratio Lower Upper
83 100
85 98.3 44.7 83.1#

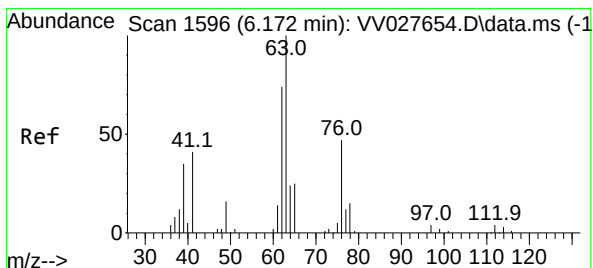
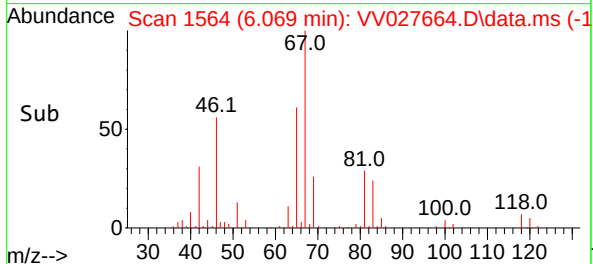
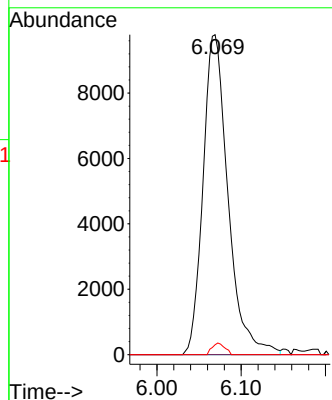
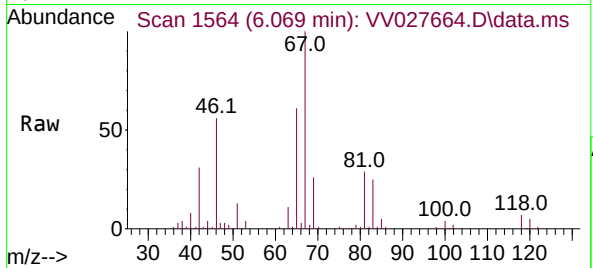




#35
Methylcyclohexane
Concen: 0.984 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.061 min
Lab File: VV027664.D
Acq: 01 Sep 2022 12:39

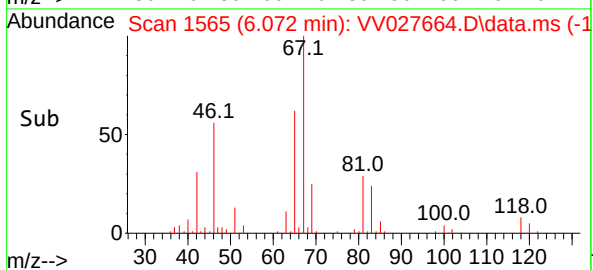
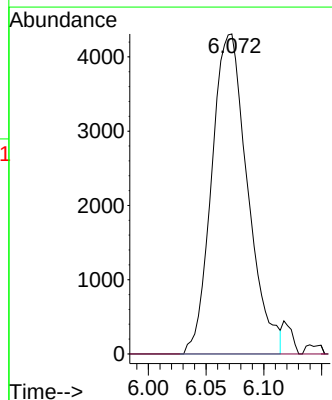
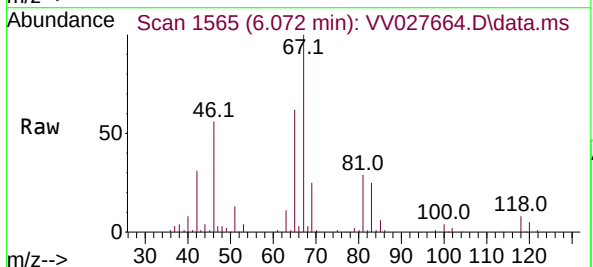
Instrument :
MSVOA_V
ClientSampleId :

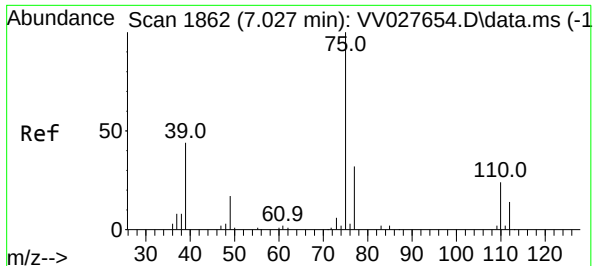
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.0	99.0#
98	1.8	36.9	55.3#



#37
1,2-Dichloropropane
Concen: 0.685 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV027664.D
Acq: 01 Sep 2022 12:39

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV027664.D

Acq: 01 Sep 2022 12:39

Instrument :

MSVOA_V

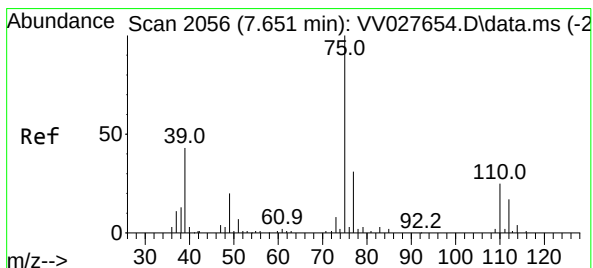
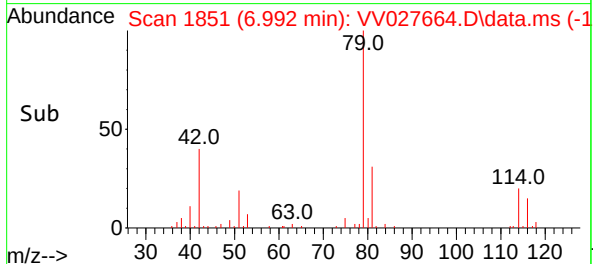
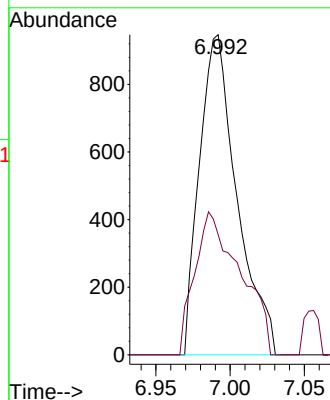
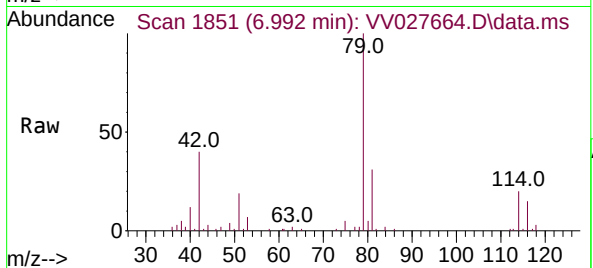
ClientSampleId :

Tgt Ion: 75 Resp: 1666

Ion Ratio Lower Upper

75 100

77 37.6 22.3 41.3



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.026 min

Lab File: VV027664.D

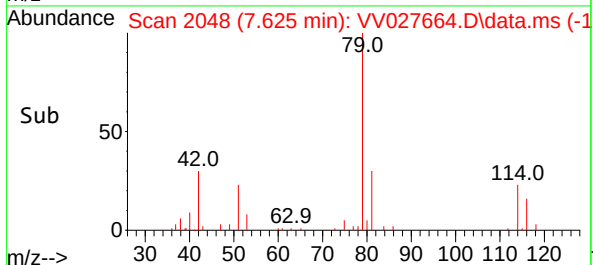
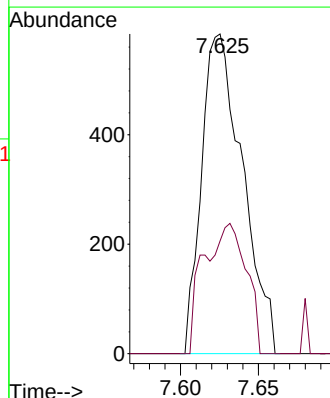
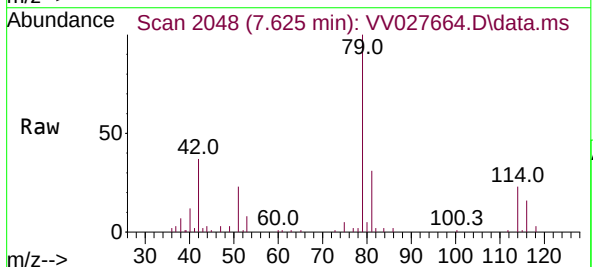
Acq: 01 Sep 2022 12:39

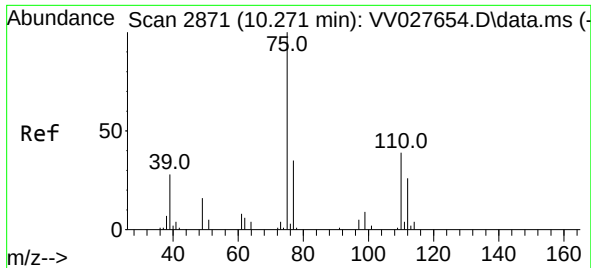
Tgt Ion: 75 Resp: 1070

Ion Ratio Lower Upper

75 100

77 35.3 22.0 41.0





#61

1,2,3-Trichloropropane

Concen: 1.120 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.977 min

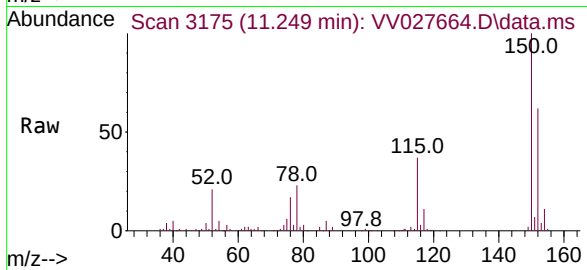
Lab File: VV027664.D

Acq: 01 Sep 2022 12:39

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75	Resp:	6267
Ion Ratio	Lower	Upper
75	100	
77	36.5	25.8 38.6
110	2.1	29.8 44.8#

