

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027682.D
 Acq On : 01 Sep 2022 21:26
 Operator : SY/MD
 Sample : N4369-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 02 00:20:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 00:17:48 2022
 Response via : Initial Calibration

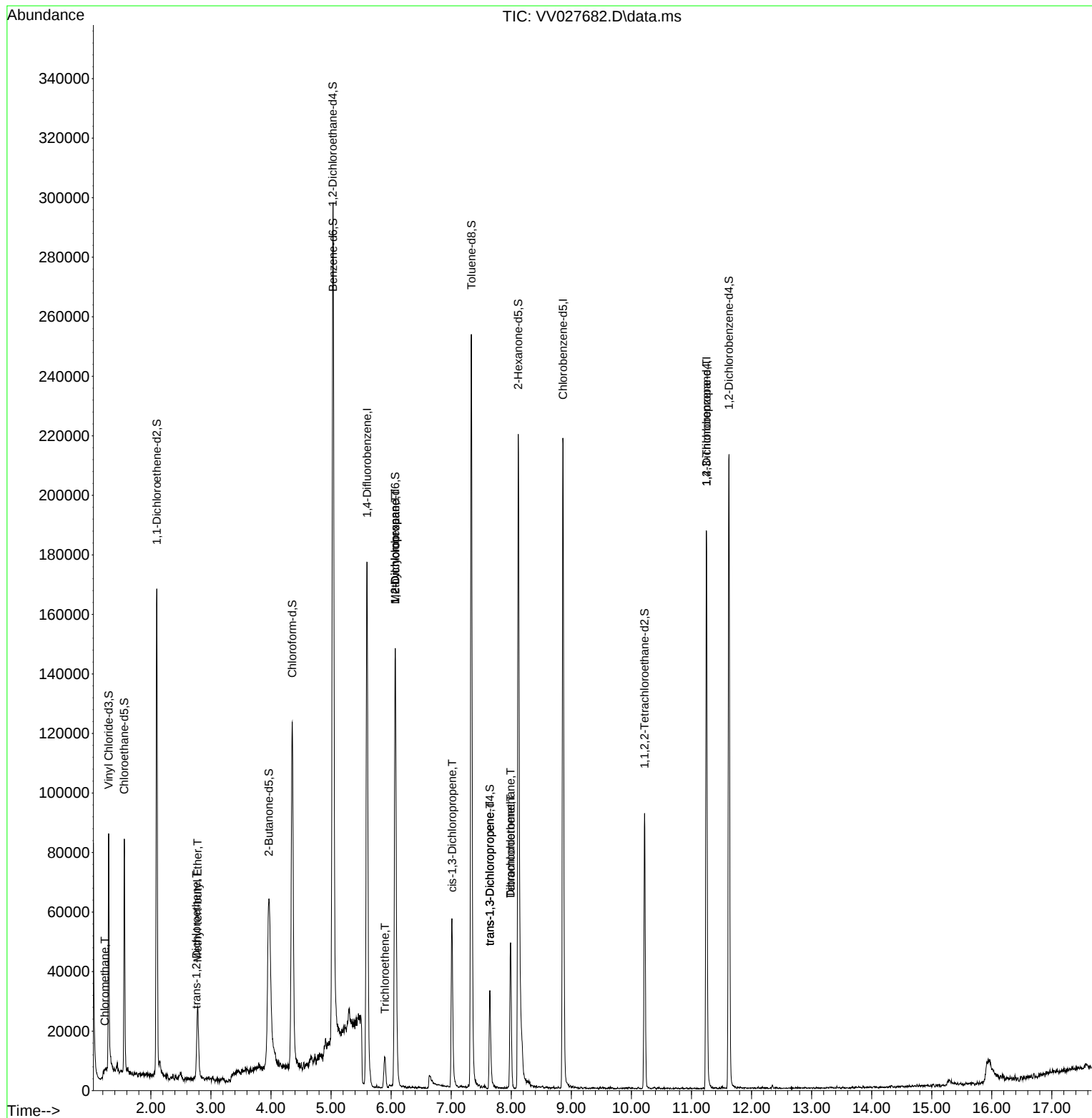
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.600	114	152464	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.863	117	120010	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	50337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.298	65	56702	3.423	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.400%	
7) Chloroethane-d5	1.558	69	49123	3.545	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	70.800%	
11) 1,1-Dichloroethene-d2	2.098	63	87347	2.694	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	53.800%#	
20) 2-Butanone-d5	3.963	46	134006	47.853	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	95.700%	
24) Chloroform-d	4.355	84	117673	3.539	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	70.800%	
26) 1,2-Dichloroethane-d4	5.027	65	63519	4.264	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.200%	
32) Benzene-d6	5.034	84	219066	4.456	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
36) 1,2-Dichloropropane-d6	6.069	67	72397	4.761	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	95.200%	
41) Toluene-d8	7.336	98	168583	3.960	ug/L	0.02
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.200%	
43) trans-1,3-Dichloroprop...	7.645	79	19267	4.113	ug/L	0.02
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.200%	
46) 2-Hexanone-d5	8.117	63	71612	40.654	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.300%	
56) 1,1,2,2-Tetrachloroeth...	10.220	84	41663	4.258	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	85.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	54315	4.820	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	96.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.233	50	765	0.038	ug/L #	81
17) Methyl tert-butyl Ether	2.777	73	25787	0.949	ug/L	96
18) trans-1,2-Dichloroethene	2.757	96	571	0.040	ug/L #	83
34) Trichloroethene	5.899	95	2479	0.215	ug/L	96
35) Methylcyclohexane	6.069	83	18115	1.015	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	8455	0.715	ug/L #	89
39) cis-1,3-Dichloropropene	7.018	75	1337	0.093	ug/L #	51
44) trans-1,3-Dichloropropene	7.645	75	924	0.079	ug/L #	72
47) Tetrachloroethene	7.989	164	11616	1.245	ug/L	96
49) Dibromochloromethane	7.989	129	11001	1.218	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	5457	1.071	ug/L #	67

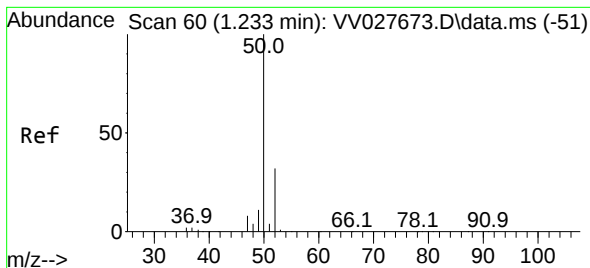
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 02 00:17:48 2022
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.038 ug/L

RT: 1.233 min Scan# 60

Delta R.T. 0.000 min

Lab File: VV027682.D

Acq: 01 Sep 2022 21:26

Instrument :

MSVOA_V

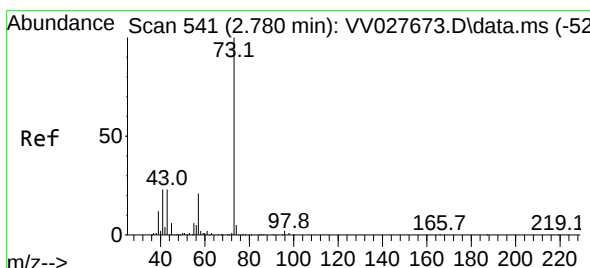
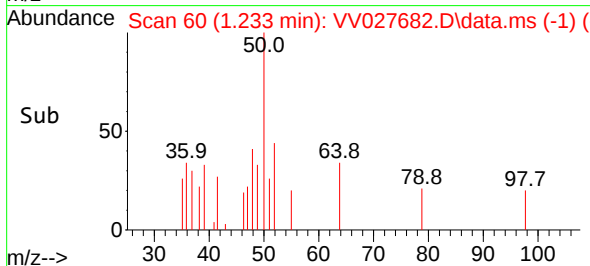
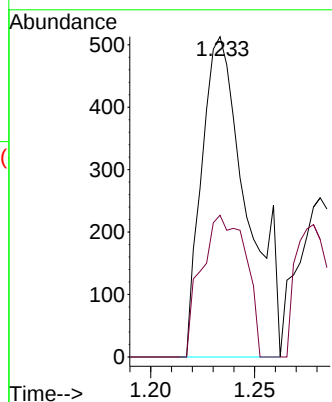
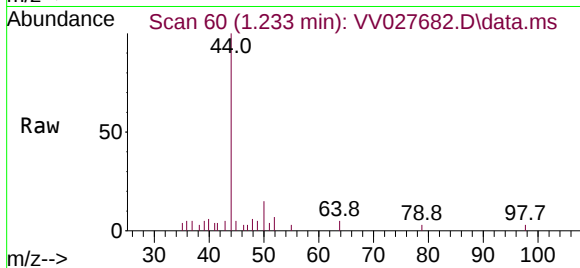
ClientSampleId :

Tgt Ion: 50 Resp: 765

Ion Ratio Lower Upper

50 100

52 44.2 23.5 43.7#



#17

Methyl tert-butyl Ether

Concen: 0.949 ug/L

RT: 2.777 min Scan# 540

Delta R.T. -0.003 min

Lab File: VV027682.D

Acq: 01 Sep 2022 21:26

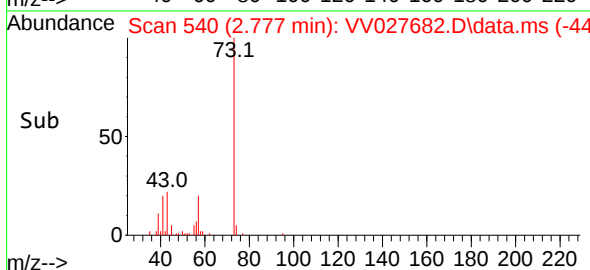
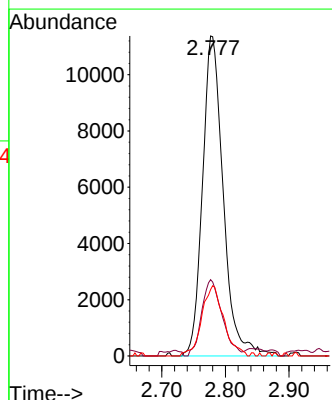
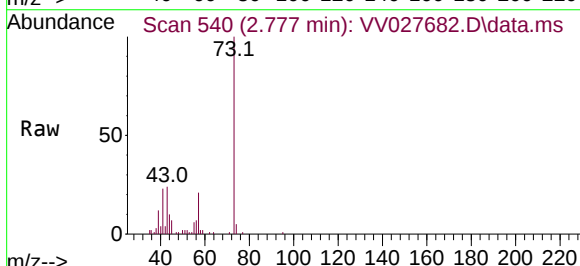
Tgt Ion: 73 Resp: 25787

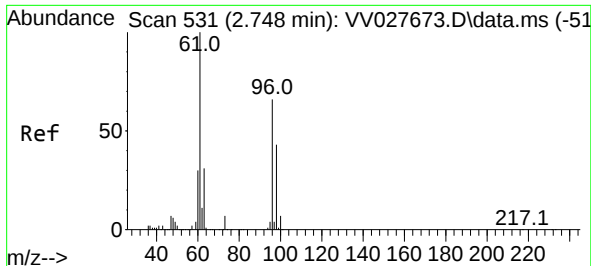
Ion Ratio Lower Upper

73 100

43 23.5 16.5 24.7

57 23.2 18.2 27.2

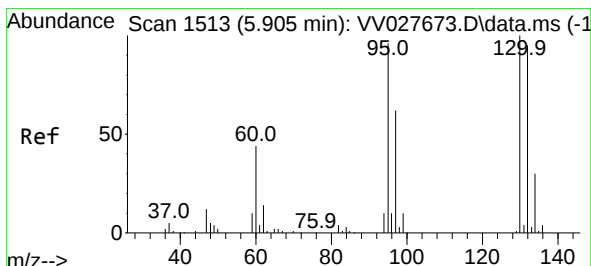
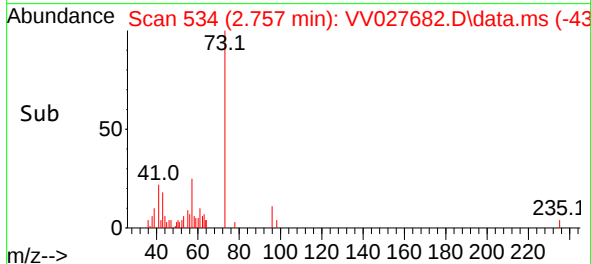
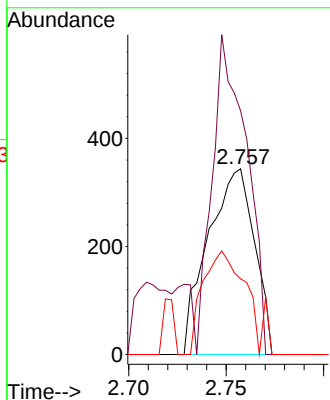
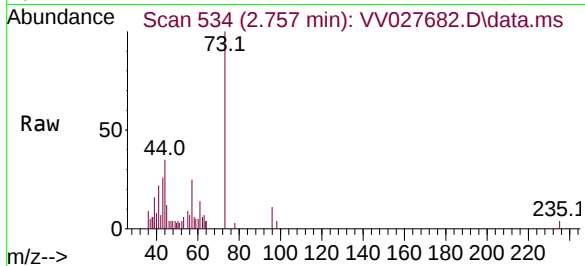




#18
trans-1,2-Dichloroethene
Concen: 0.040 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV027682.D
Acq: 01 Sep 2022 21:26

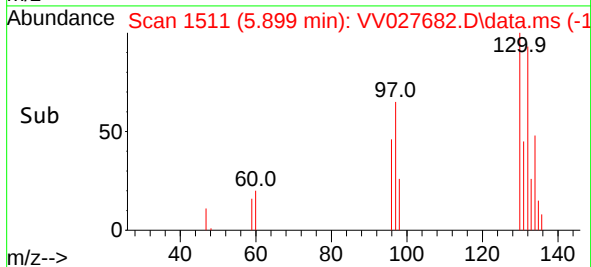
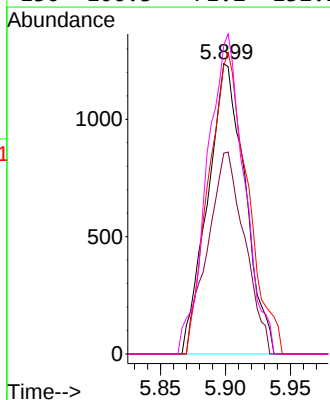
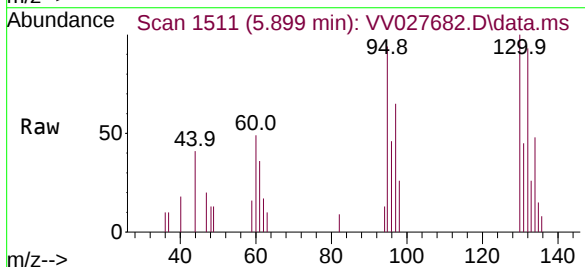
Instrument :
MSVOA_V
ClientSampleId :

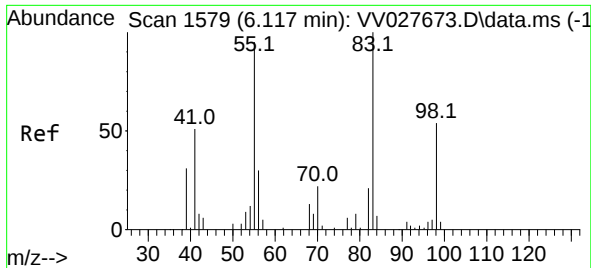
Tgt Ion: 96 Resp: 571
Ion Ratio Lower Upper
96 100
61 131.1 101.8 189.0
98 40.7 44.9 83.3#



#34
Trichloroethene
Concen: 0.215 ug/L
RT: 5.899 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VV027682.D
Acq: 01 Sep 2022 21:26

Tgt Ion: 95 Resp: 2479
Ion Ratio Lower Upper
95 100
97 69.1 46.1 85.5
132 99.4 67.3 125.1
130 106.3 71.2 132.2

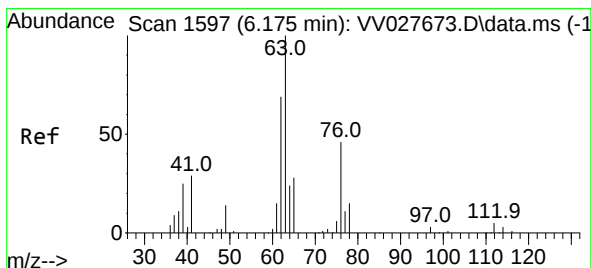
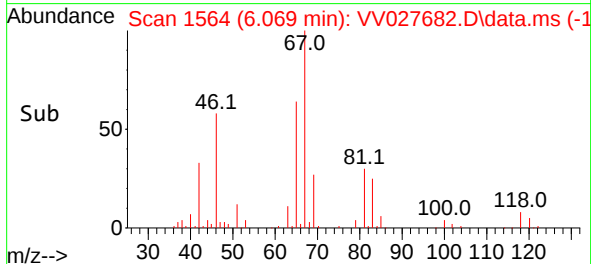
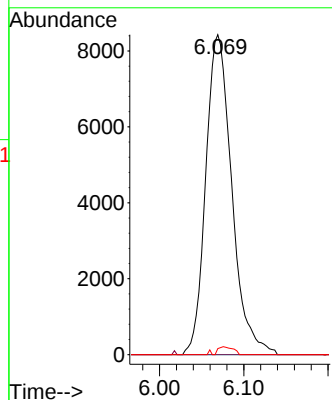
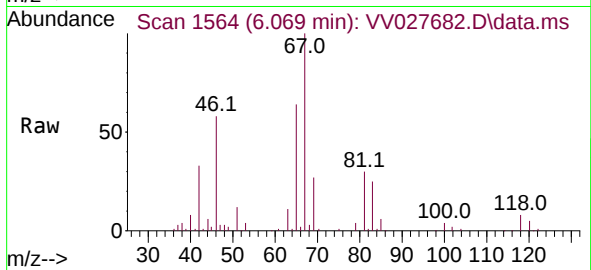




#35
Methylcyclohexane
Concen: 1.015 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.048 min
Lab File: VV027682.D
Acq: 01 Sep 2022 21:26

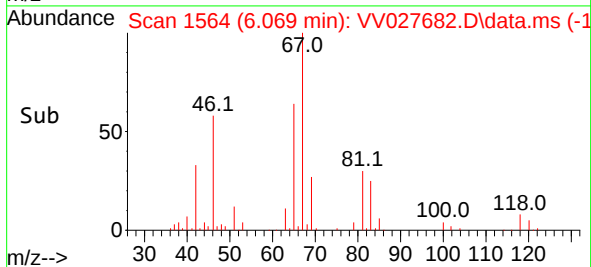
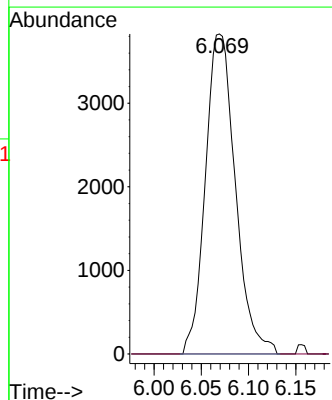
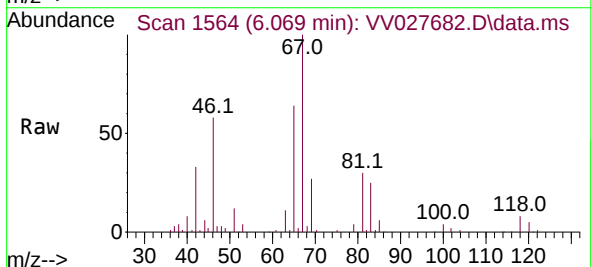
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MSVOA_V
ClientSampleId :

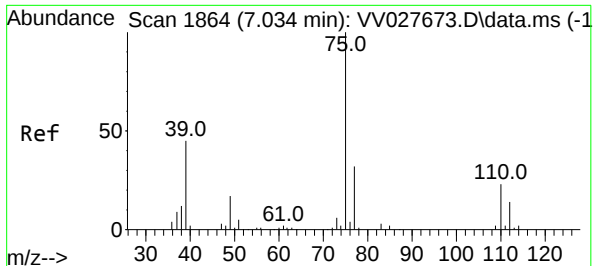
Tgt Ion: 83 Resp: 18115
Ion Ratio Lower Upper
83 100
55 0.1 66.0 99.0#
98 1.4 36.9 55.3#



#37
1,2-Dichloropropane
Concen: 0.715 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.106 min
Lab File: VV027682.D
Acq: 01 Sep 2022 21:26

Tgt Ion: 63 Resp: 8455
Ion Ratio Lower Upper
63 100
112 0.0 2.9 4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.018 min Scan# 11

Delta R.T. -0.016 min

Lab File: VV027682.D

Acq: 01 Sep 2022 21:26

Instrument :

MSVOA_V

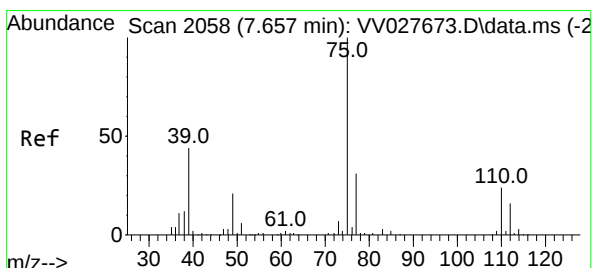
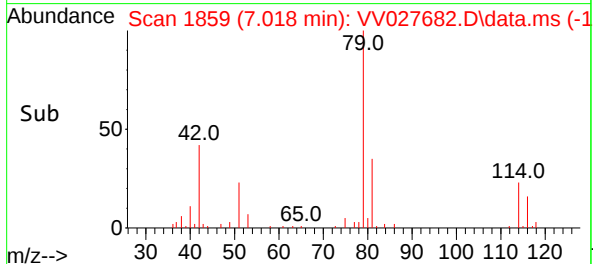
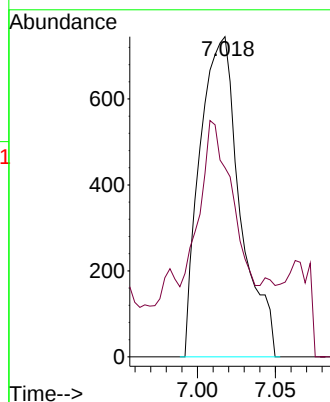
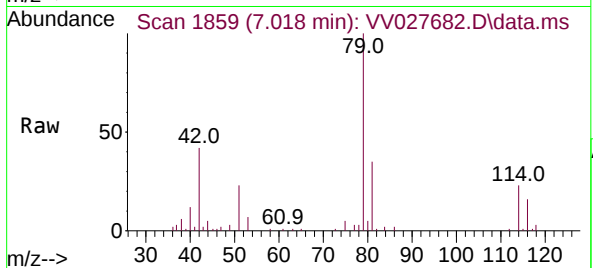
ClientSampleId :

Tgt Ion: 75 Resp: 1337

Ion Ratio Lower Upper

75 100

77 59.1 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.645 min Scan# 2054

Delta R.T. -0.013 min

Lab File: VV027682.D

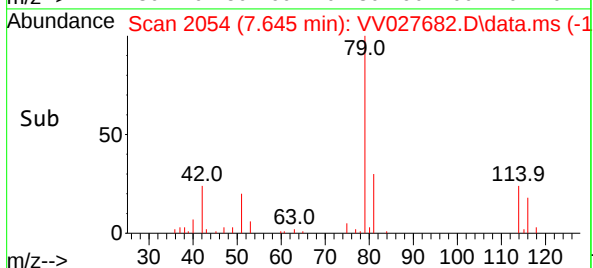
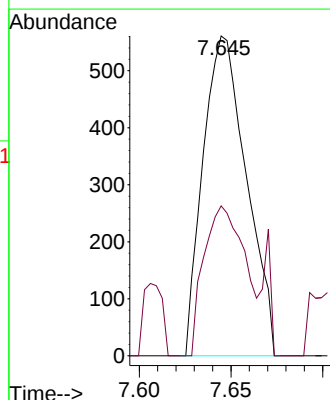
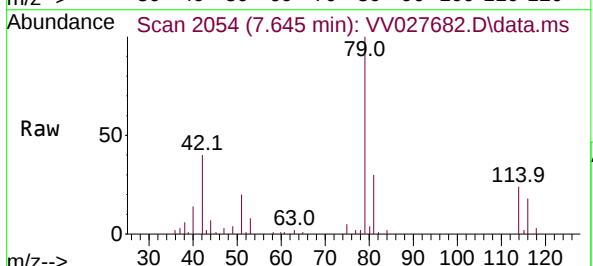
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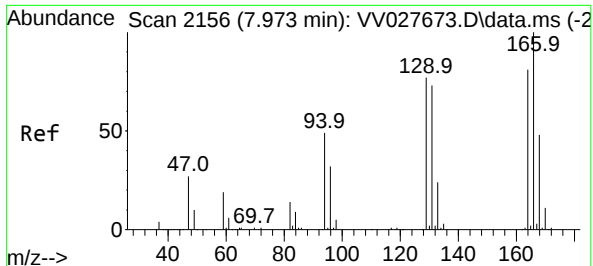
Tgt Ion: 75 Resp: 924

Ion Ratio Lower Upper

75 100

77 46.9 22.0 41.0#





#47

Tetrachloroethene

Concen: 1.245 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. 0.016 min

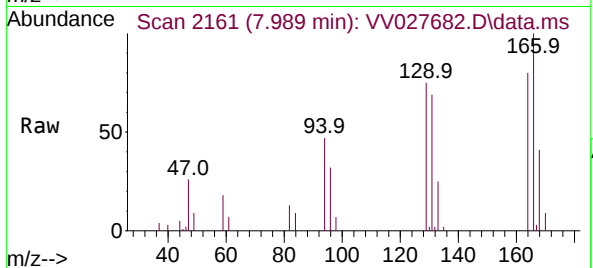
Lab File: VV027682.D

Acq: 01 Sep 2022 21:26

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 11616

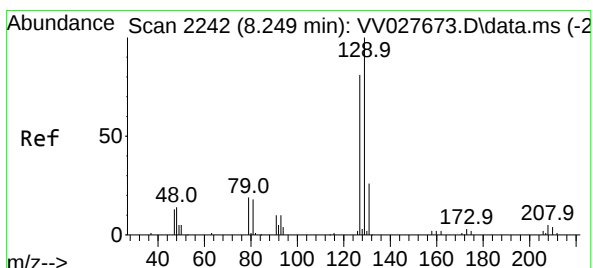
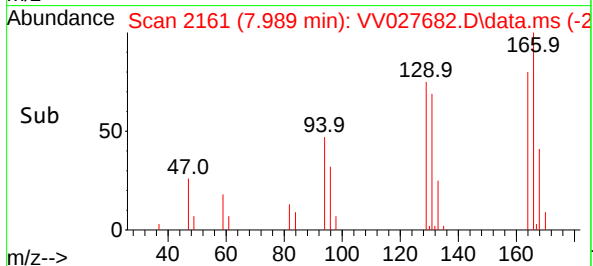
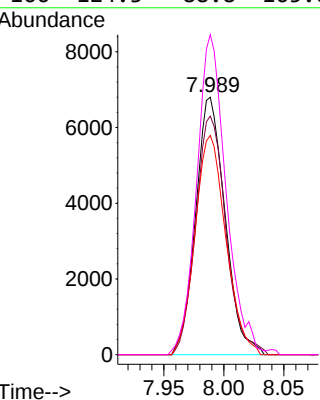
Ion Ratio Lower Upper

164 100

129 92.6 65.9 122.3

131 85.2 64.5 119.7

166 124.3 88.8 165.0



#49

Dibromochloromethane

Concen: 1.218 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. -0.260 min

Lab File: VV027682.D

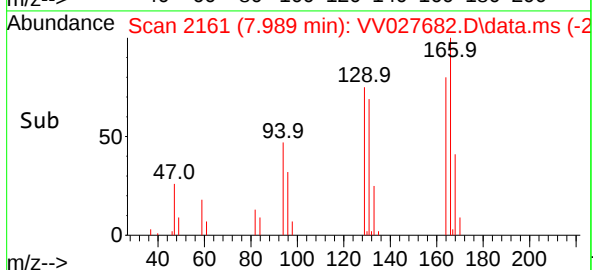
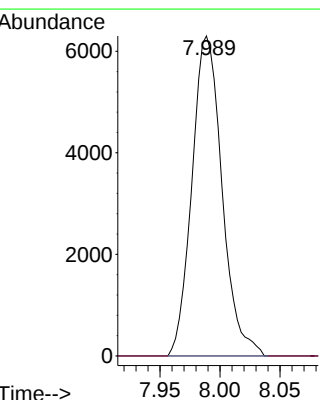
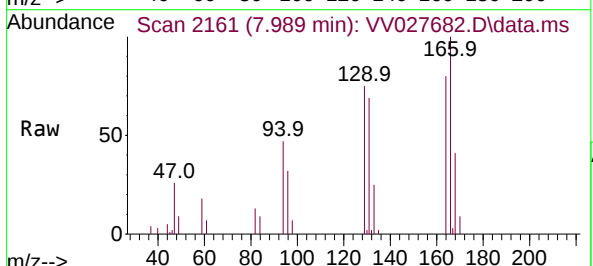
Acq: 01 Sep 2022 21:26

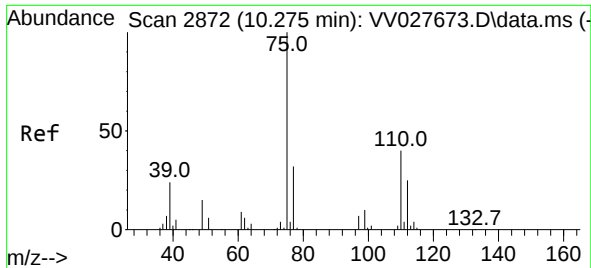
Tgt Ion:129 Resp: 11001

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#





#61

1,2,3-Trichloropropane

Concen: 1.071 ug/L

RT: 11.249 min Scan# 31

Delta R.T. 0.974 min

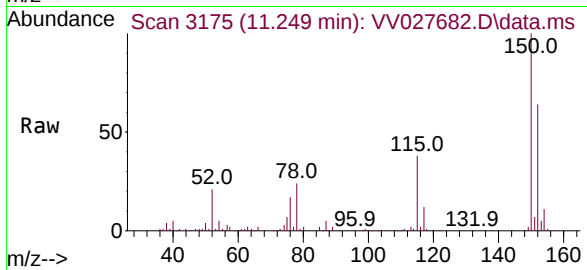
Lab File: VV027682.D

Acq: 01 Sep 2022 21:26

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Tgt Ion:	75	Resp:	5457
Ion	Ratio	Lower	Upper
75	100		
77	35.2	25.8	38.6
110	3.2	29.8	44.8#

