

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027678.D
 Acq On : 01 Sep 2022 19:48
 Operator : SY/MD
 Sample : N4366-13
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 02 00:19:25 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)

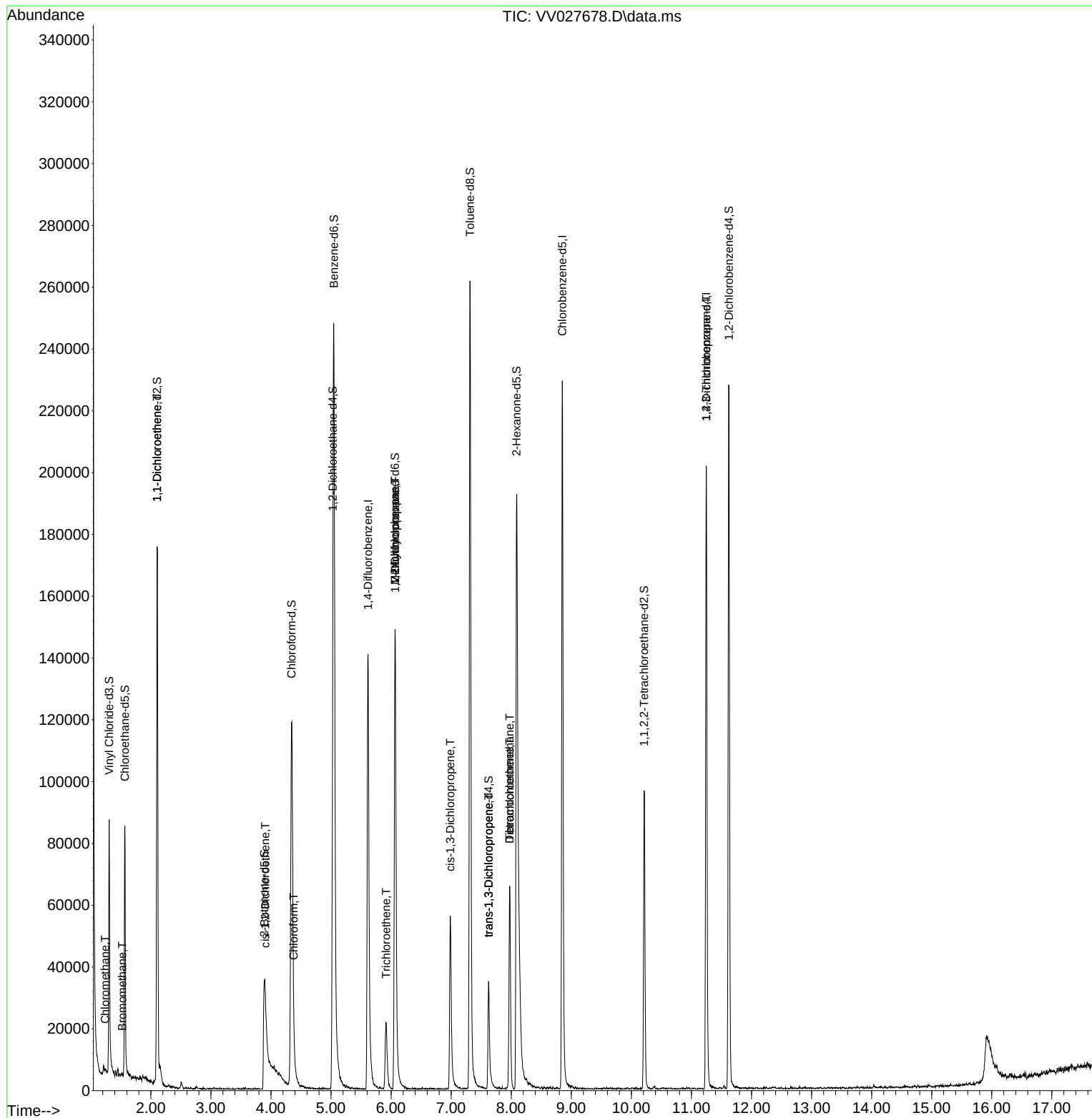
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	126452	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	127164	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	53591	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	60824	4.428	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	88.600%	
7) Chloroethane-d5	1.568	69	52882	4.601	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.000%	
11) 1,1-Dichloroethene-d2	2.105	63	92983	3.458	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.200%	
20) 2-Butanone-d5	3.889	46	74012	31.866	ug/L	-0.06
Spiked Amount	50.000	Range 40 - 130	Recovery	=	63.740%	
24) Chloroform-d	4.343	84	122599	4.446	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.000%	
26) 1,2-Dichloroethane-d4	5.031	65	59713	4.834	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.600%	
32) Benzene-d6	5.047	84	234727	4.506	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.200%	
36) 1,2-Dichloropropane-d6	6.066	67	71852	4.460	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	89.200%	
41) Toluene-d8	7.313	98	180596	4.004	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.000%	
43) trans-1,3-Dichloroprop...	7.622	79	21653	4.362	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.200%	
46) 2-Hexanone-d5	8.088	63	84614	45.332	ug/L	-0.02
Spiked Amount	50.000	Range 45 - 130	Recovery	=	90.660%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45800	4.417	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	59945	4.996	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	666	0.040	ug/L #	72
6) Bromomethane	1.523	94	377	0.051	ug/L	93
12) 1,1-Dichloroethene	2.105	96	962	0.091	ug/L #	1
22) cis-1,2-Dichloroethene	3.905	96	1042	0.087	ug/L	93
25) Chloroform	4.378	83	4994	0.203	ug/L	97
34) Trichloroethene	5.918	95	7647	0.627	ug/L	94
35) Methylcyclohexane	6.066	83	17880	0.945	ug/L #	17
37) 1,2-Dichloropropane	6.069	63	8308	0.663	ug/L #	89
39) cis-1,3-Dichloropropene	6.986	75	1629	0.107	ug/L #	59
44) trans-1,3-Dichloropropene	7.622	75	1137	0.091	ug/L #	82
47) Tetrachloroethene	7.976	164	15221	1.540	ug/L	97
49) Dibromochloromethane	7.973	129	13293	1.389	ug/L #	12
61) 1,2,3-Trichloropropane	11.246	75	6287	1.159	ug/L #	66

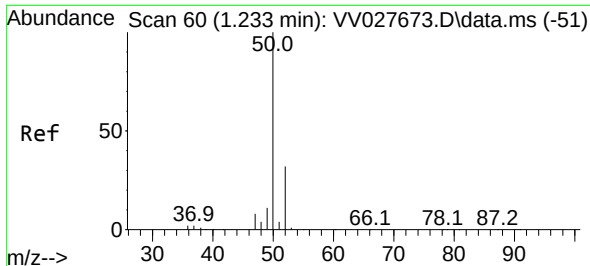
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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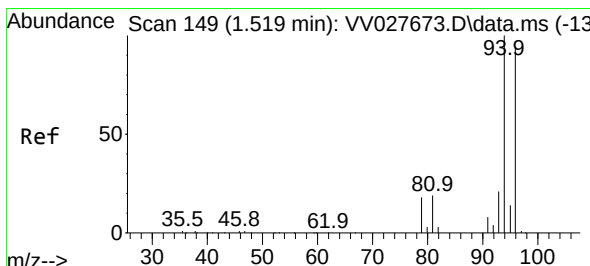
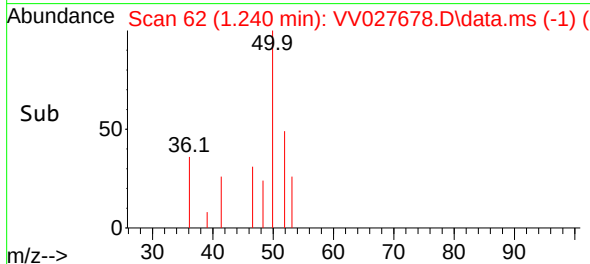
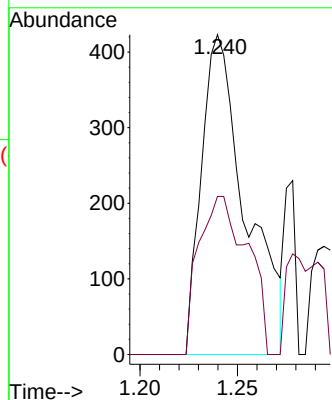
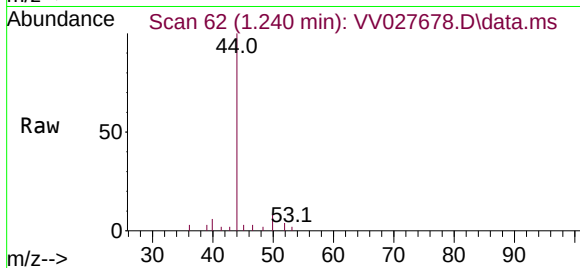




#3
Chloromethane
Concen: 0.040 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.006 min
Lab File: VV027678.D
Acq: 01 Sep 2022 19:48

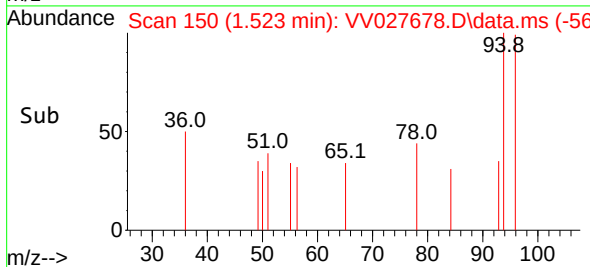
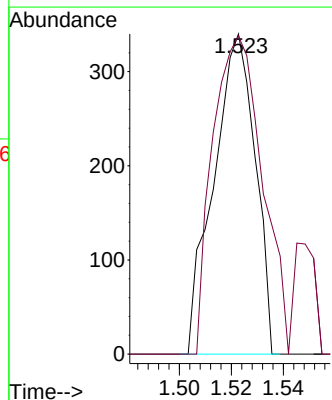
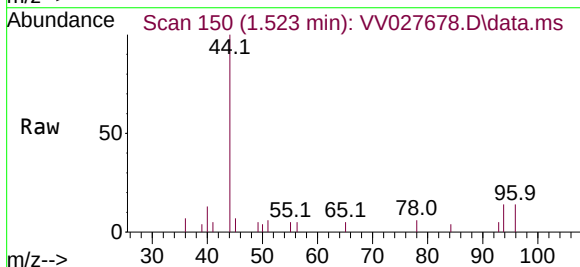
Instrument :
MSVOA_V
ClientSampleId :

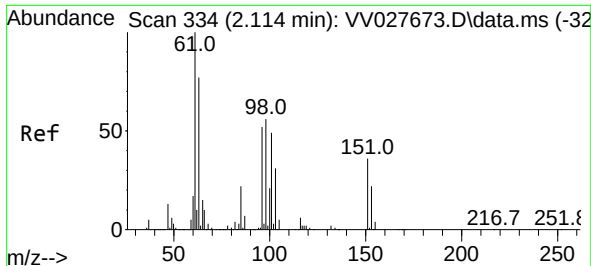
Tgt Ion: 50 Resp: 666
Ion Ratio Lower Upper
50 100
52 49.4 23.5 43.7#



#6
Bromomethane
Concen: 0.051 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.003 min
Lab File: VV027678.D
Acq: 01 Sep 2022 19:48

Tgt Ion: 94 Resp: 377
Ion Ratio Lower Upper
94 100
96 99.4 65.1 120.9





#12

1,1-Dichloroethene

Concen: 0.091 ug/L

RT: 2.105 min Scan# 31

Delta R.T. -0.010 min

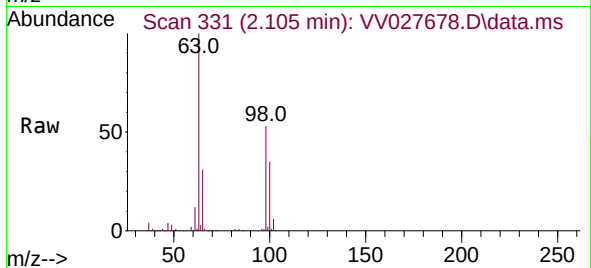
Lab File: VV027678.D

Acq: 01 Sep 2022 19:48

Instrument :

MSVOA_V

ClientSampleId :



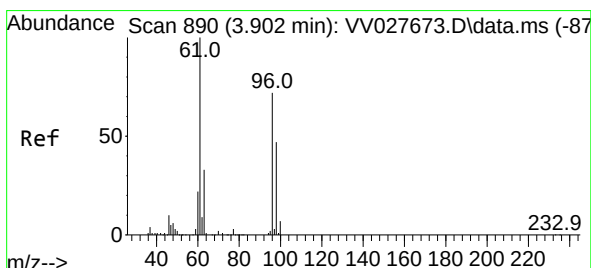
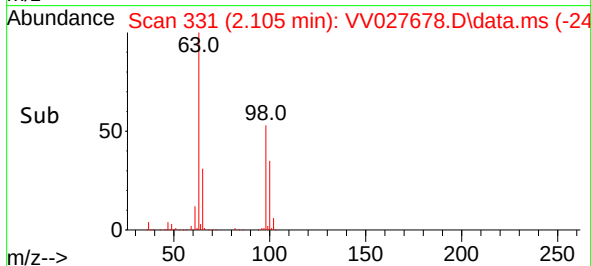
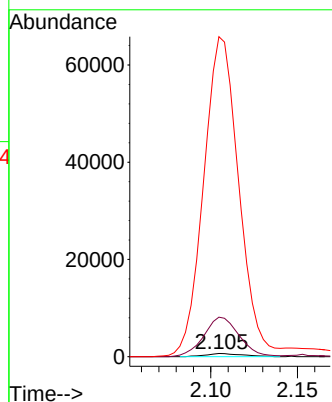
Tgt Ion: 96 Resp: 962

Ion Ratio Lower Upper

96 100

61 1260.0 134.3 249.3#

63 10205.3 105.7 196.3#



#22

cis-1,2-Dichloroethene

Concen: 0.087 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.003 min

Lab File: VV027678.D

Acq: 01 Sep 2022 19:48

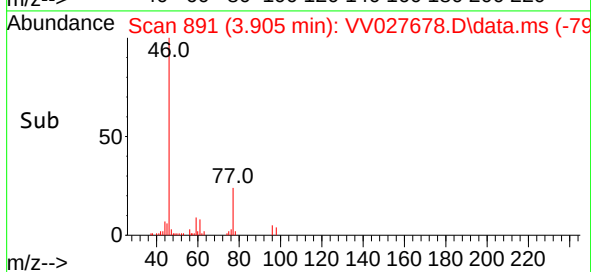
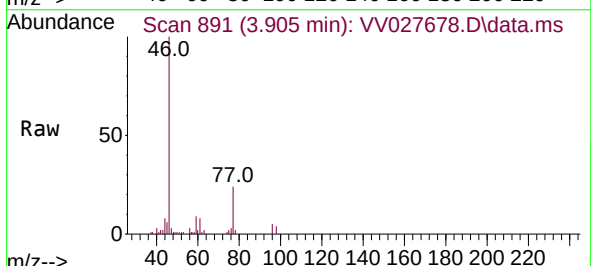
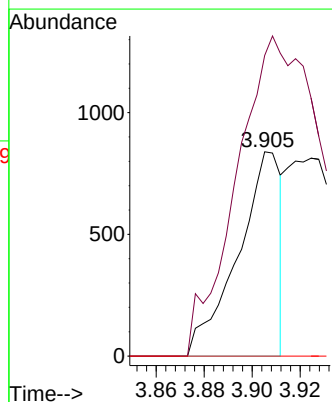
Tgt Ion: 96 Resp: 1042

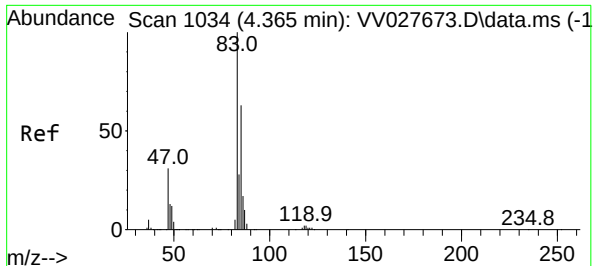
Ion Ratio Lower Upper

96 100

61 147.2 96.9 180.1

68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.203 ug/L

RT: 4.378 min Scan# 1

Delta R.T. 0.013 min

Lab File: VV027678.D

Acq: 01 Sep 2022 19:48

Instrument :

MSVOA_V

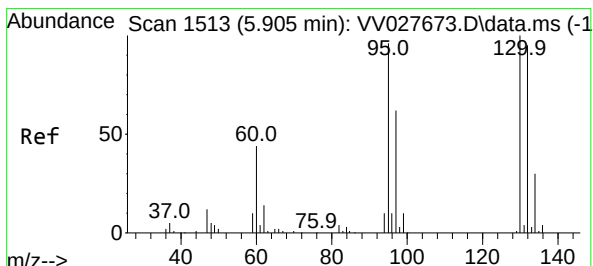
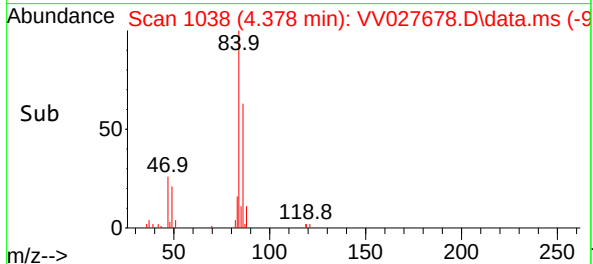
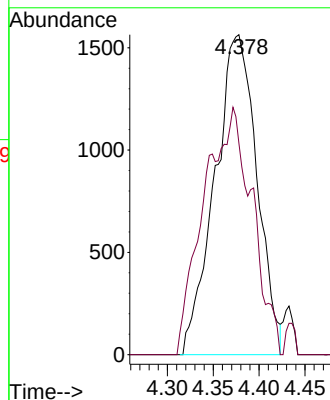
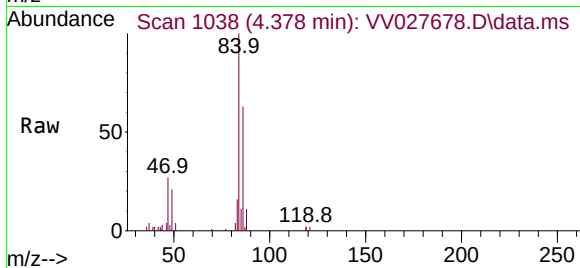
ClientSampleId :

Tgt Ion: 83 Resp: 4994

Ion Ratio Lower Upper

83 100

85 66.0 44.7 83.1



#34

Trichloroethene

Concen: 0.627 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.013 min

Lab File: VV027678.D

Acq: 01 Sep 2022 19:48

Tgt Ion: 95 Resp: 7647

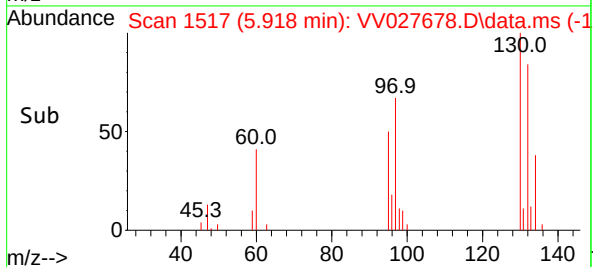
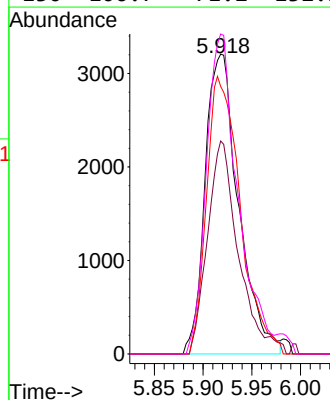
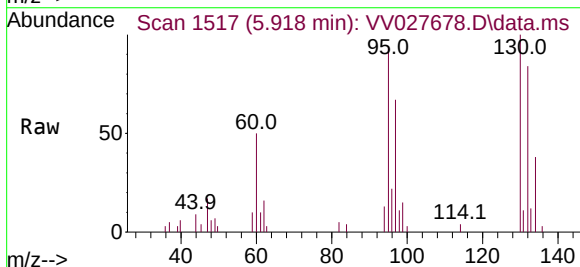
Ion Ratio Lower Upper

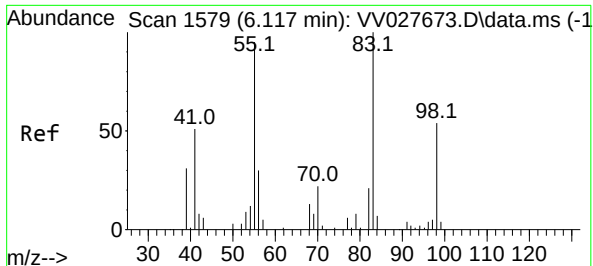
95 100

97 71.0 46.1 85.5

132 89.2 67.3 125.1

130 106.7 71.2 132.2





#35

Methylcyclohexane

Concen: 0.945 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.051 min

Lab File: VV027678.D

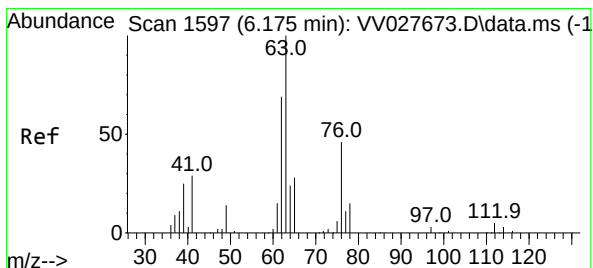
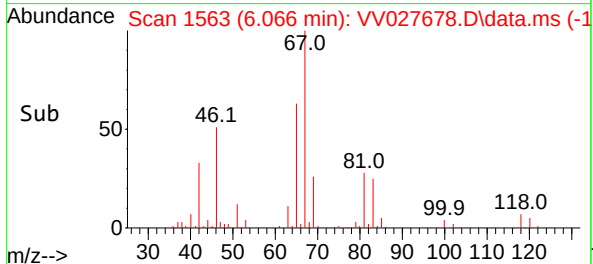
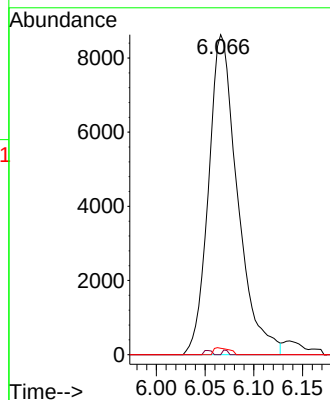
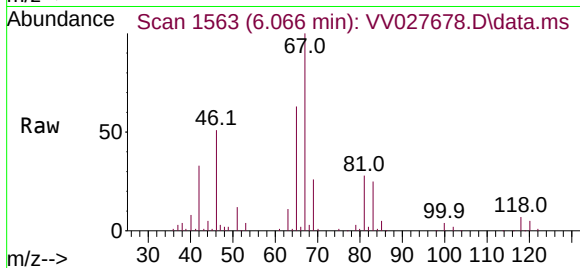
Acq: 01 Sep 2022 19:48

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	17880
Ion	Ratio	Lower	Upper
83	100		
55	0.3	66.0	99.0#
98	1.1	36.9	55.3#



#37

1,2-Dichloropropane

Concen: 0.663 ug/L

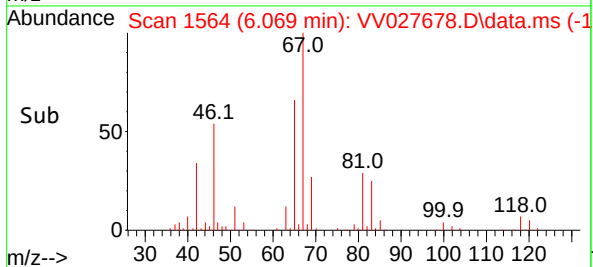
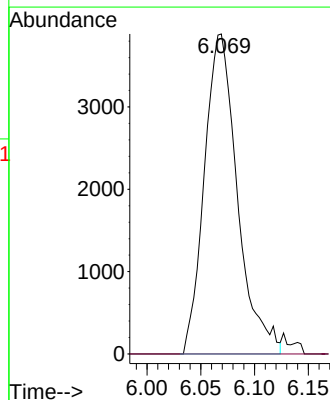
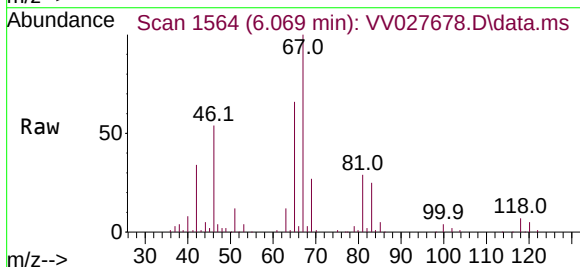
RT: 6.069 min Scan# 1564

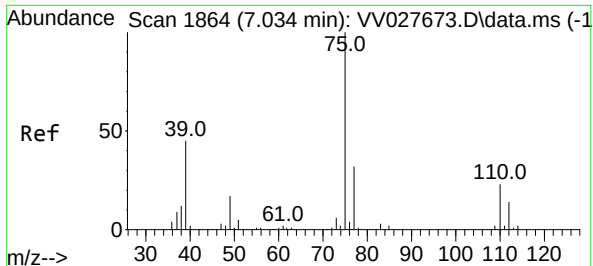
Delta R.T. -0.106 min

Lab File: VV027678.D

Acq: 01 Sep 2022 19:48

Tgt Ion:	63	Resp:	8308
Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#





#39

cis-1,3-Dichloropropene

Concen: 0.107 ug/L

RT: 6.986 min Scan# 11

Delta R.T. -0.048 min

Lab File: VV027678.D

Acq: 01 Sep 2022 19:48

Instrument :

MSVOA_V

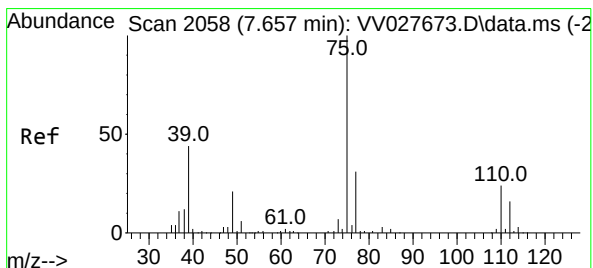
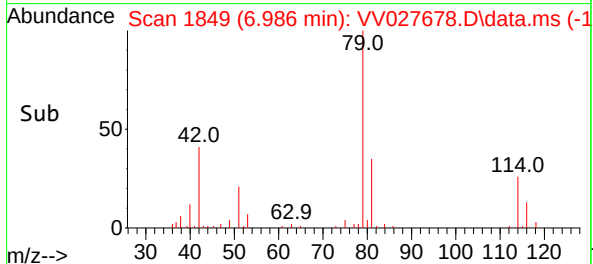
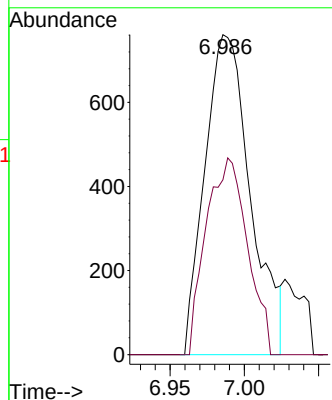
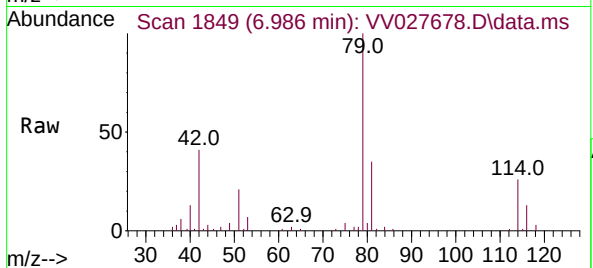
ClientSampleId :

Tgt Ion: 75 Resp: 1629

Ion Ratio Lower Upper

75 100

77 54.7 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.035 min

Lab File: VV027678.D

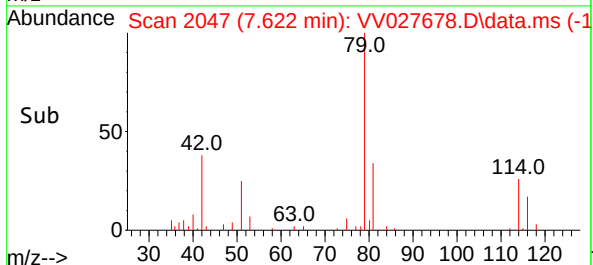
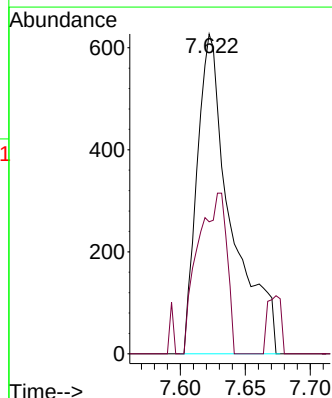
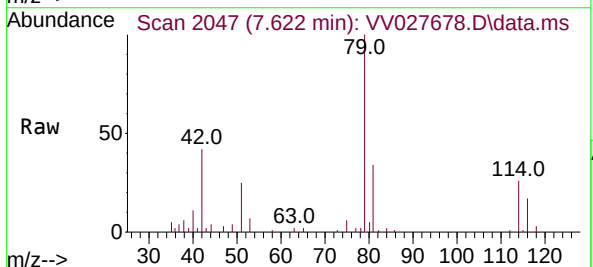
Acq: 01 Sep 2022 19:48

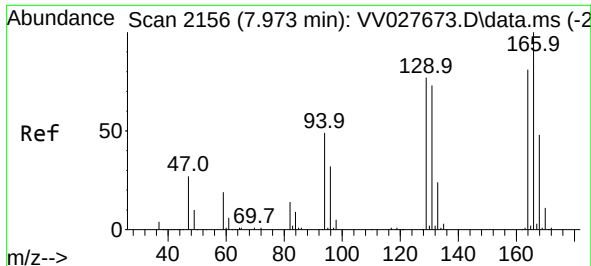
Tgt Ion: 75 Resp: 1137

Ion Ratio Lower Upper

75 100

77 41.3 22.0 41.0#





#47

Tetrachloroethene

Concen: 1.540 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

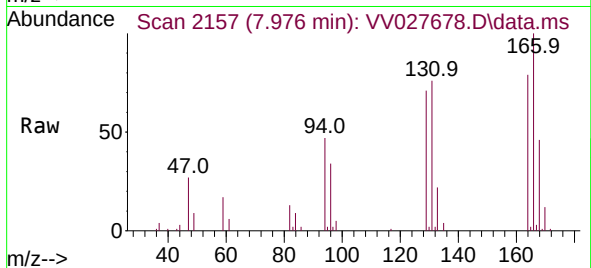
Lab File: VV027678.D

Acq: 01 Sep 2022 19:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:164 Resp: 15221

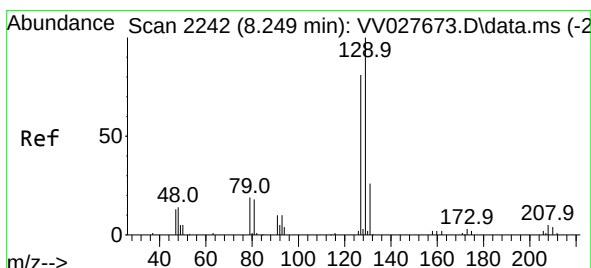
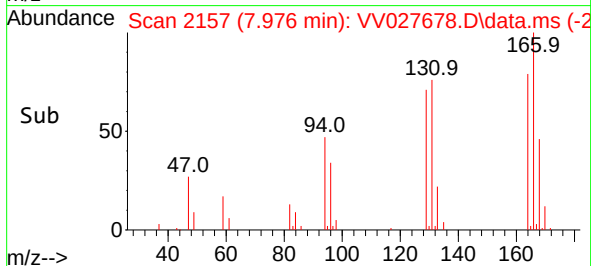
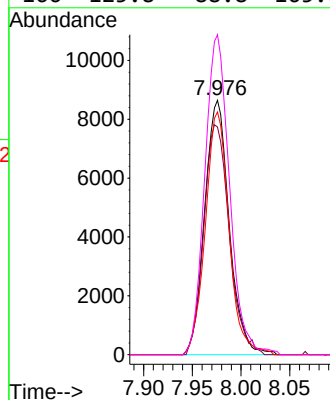
Ion Ratio Lower Upper

164 100

129 89.5 65.9 122.3

131 95.4 64.5 119.7

166 125.8 88.8 165.0



#49

Dibromochloromethane

Concen: 1.389 ug/L

RT: 7.973 min Scan# 2156

Delta R.T. -0.276 min

Lab File: VV027678.D

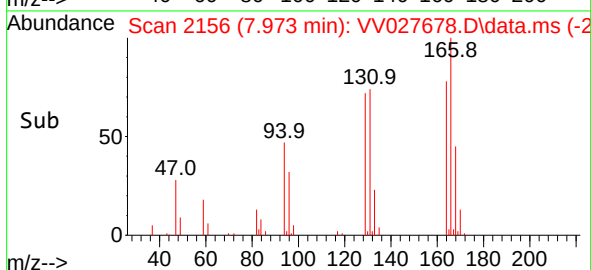
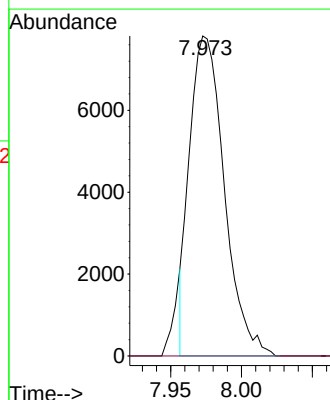
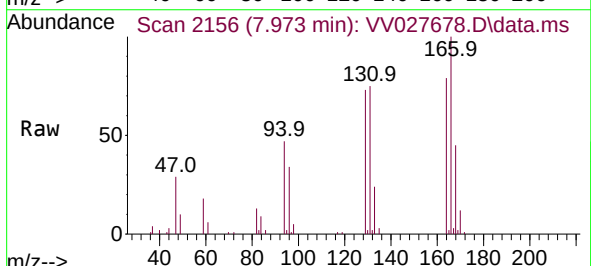
Acq: 01 Sep 2022 19:48

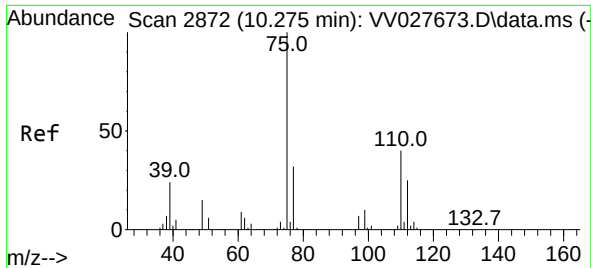
Tgt Ion:129 Resp: 13293

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.4#





#61

1,2,3-Trichloropropane

Concen: 1.159 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.971 min

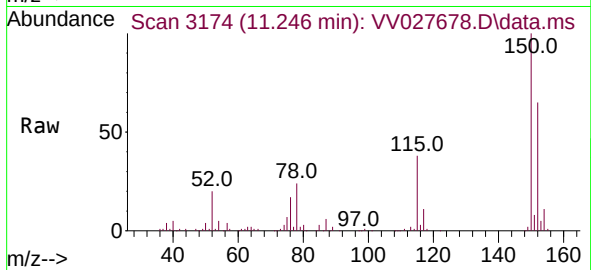
Lab File: VV027678.D

Acq: 01 Sep 2022 19:48

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75 Resp: 6287

Ion Ratio Lower Upper

75 100

77 33.9 25.8 38.6

110 1.4 29.8 44.8#

