

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
 Data File : VV027717.D
 Acq On : 02 Sep 2022 12:22
 Operator : SY/MD
 Sample : N4396-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 03 04:17:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 02 03:03:49 2022
 Response via : Initial Calibration

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

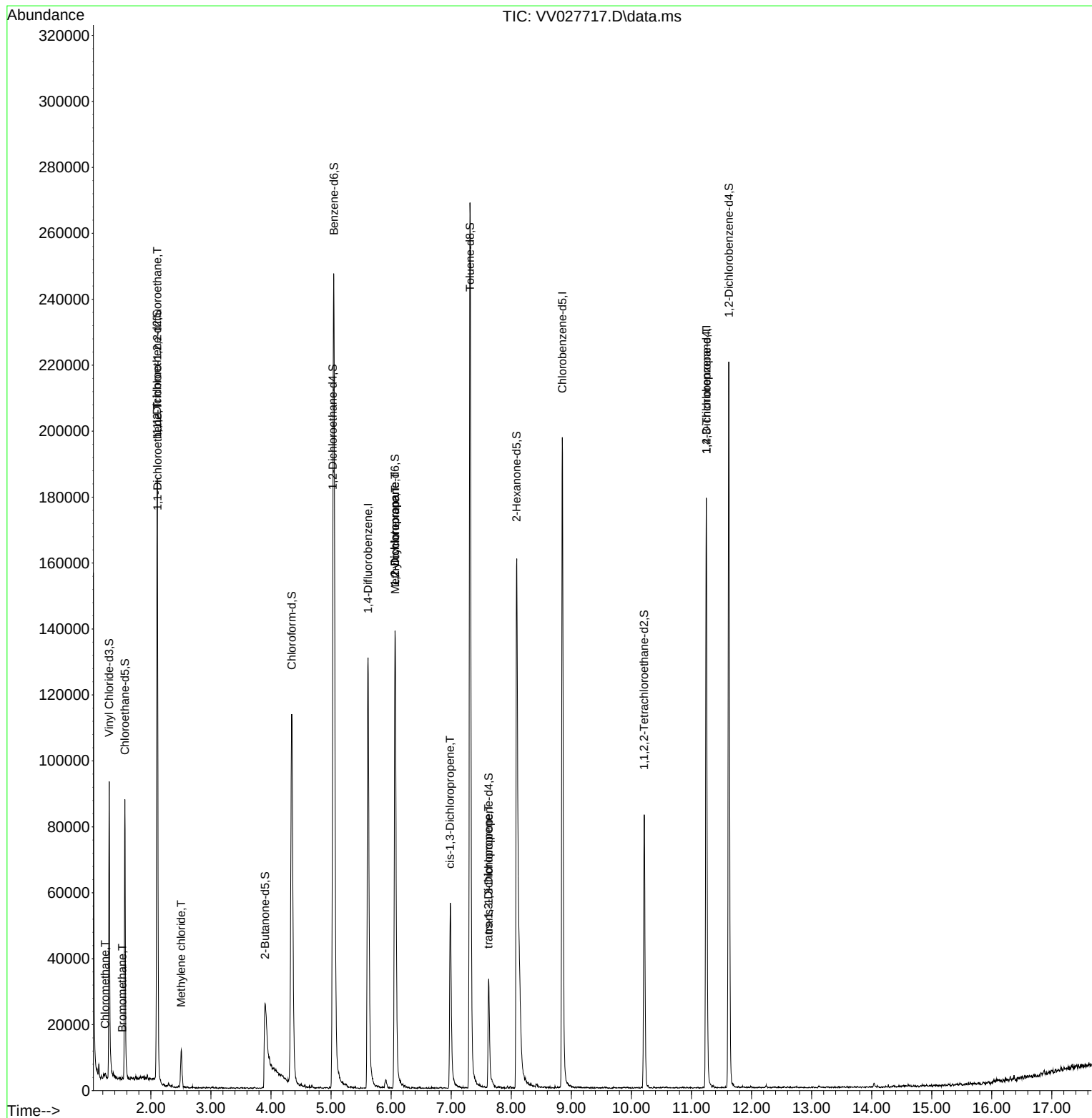
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	117155	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	112052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49257	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63713	5.006	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	100.200%	
7) Chloroethane-d5	1.568	69	52300	4.912	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.105	63	97611	3.919	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.400%	
20) 2-Butanone-d5	3.902	46	58690	27.274	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	54.540%	
24) Chloroform-d	4.346	84	117726	4.608	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
26) 1,2-Dichloroethane-d4	5.031	65	56327	4.921	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	5.047	84	225422	4.911	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.200%	
36) 1,2-Dichloropropane-d6	6.066	67	66314	4.671	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.400%	
41) Toluene-d8	7.313	98	184266	4.636	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
43) trans-1,3-Dichloroprop...	7.625	79	21135	4.832	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	96.600%	
46) 2-Hexanone-d5	8.088	63	69829	42.457	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.920%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40154	4.395	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	88.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	57522	5.216	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.400%	
Target Compounds						Qvalue
3) Chloromethane	1.240	50	893	0.058	ug/L	91
6) Bromomethane	1.523	94	444	0.065	ug/L #	61
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	960	0.090	ug/L #	19
12) 1,1-Dichloroethene	2.111	96	850	0.087	ug/L #	1
16) Methylene chloride	2.503	84	4561	0.370	ug/L	93
35) Methylcyclohexane	6.069	83	16872	1.012	ug/L #	17
37) 1,2-Dichloropropane	6.066	63	7978	0.723	ug/L #	89
39) cis-1,3-Dichloropropene	6.982	75	1696	0.126	ug/L #	47
44) trans-1,3-Dichloropropene	7.619	75	1082	0.099	ug/L	94
61) 1,2,3-Trichloropropane	11.249	75	5766	1.157	ug/L #	67

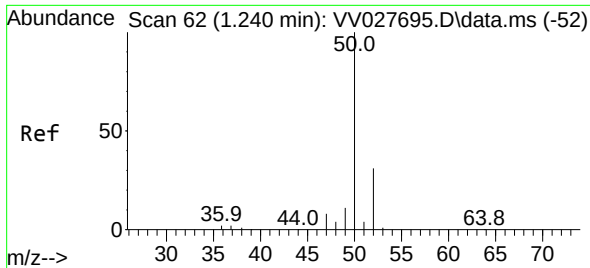
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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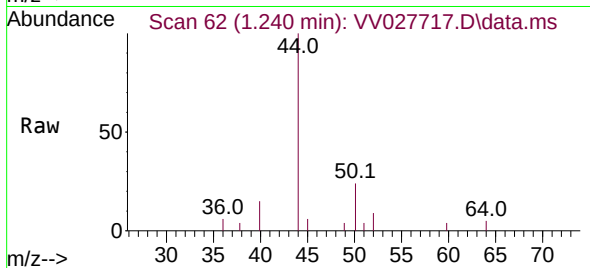
Quant Time: Sep 03 04:17:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
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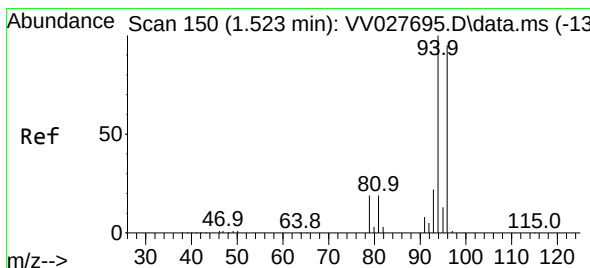
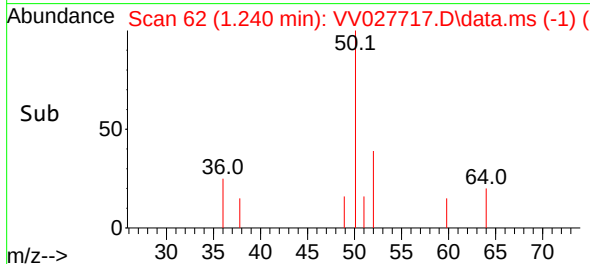
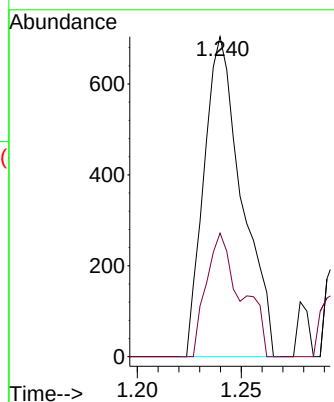


#3
Chloromethane
Concen: 0.058 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV027717.D
Acq: 02 Sep 2022 12:22

Instrument :
MSVOA_V
ClientSampleId :

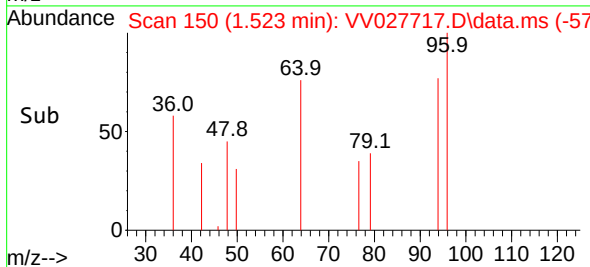
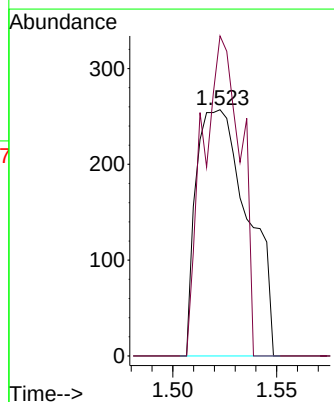
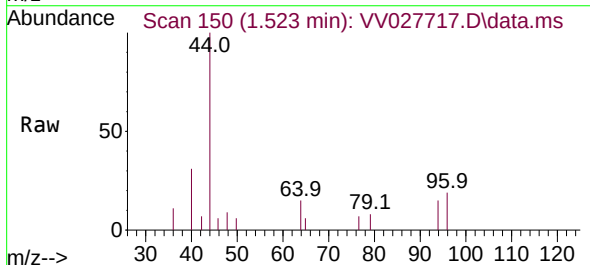


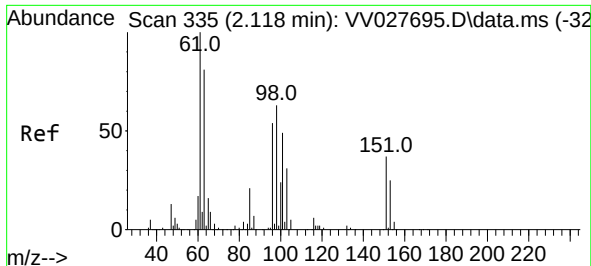
Tgt Ion: 50 Resp: 893
Ion Ratio Lower Upper
50 100
52 38.6 23.5 43.7



#6
Bromomethane
Concen: 0.065 ug/L
RT: 1.523 min Scan# 150
Delta R.T. 0.000 min
Lab File: VV027717.D
Acq: 02 Sep 2022 12:22

Tgt Ion: 94 Resp: 444
Ion Ratio Lower Upper
94 100
96 130.0 65.1 120.9#





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.090 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

Lab File: VV027717.D

Acq: 02 Sep 2022 12:22

Instrument :

MSVOA_V

ClientSampleId :

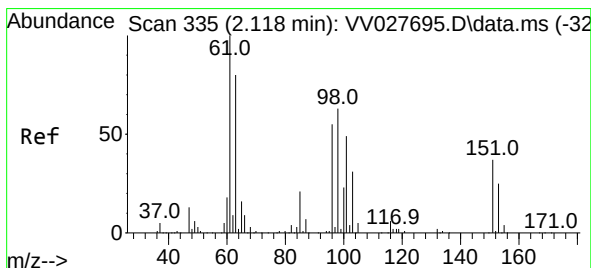
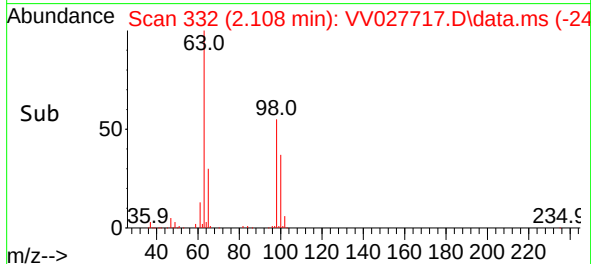
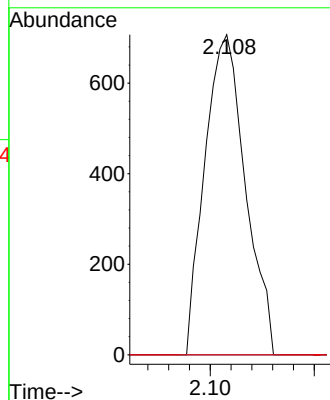
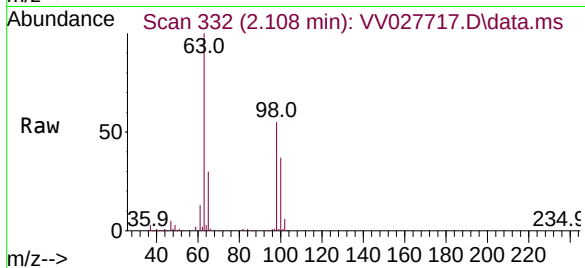
Tgt Ion:101 Resp: 960

Ion Ratio Lower Upper

101 100

85 0.0 36.7 55.1#

151 0.0 60.9 91.3#



#12

1,1-Dichloroethene

Concen: 0.087 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.006 min

Lab File: VV027717.D

Acq: 02 Sep 2022 12:22

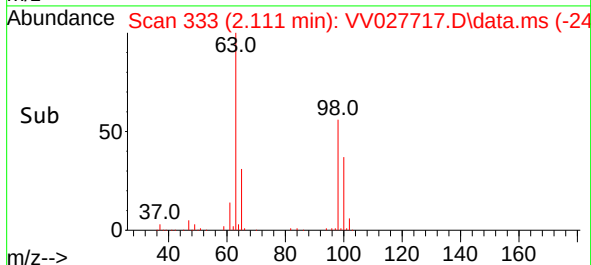
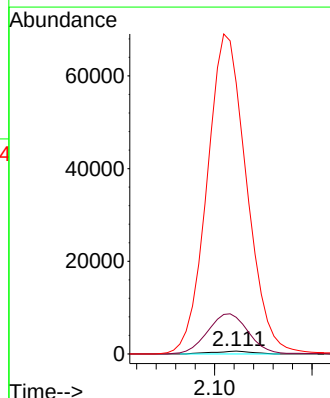
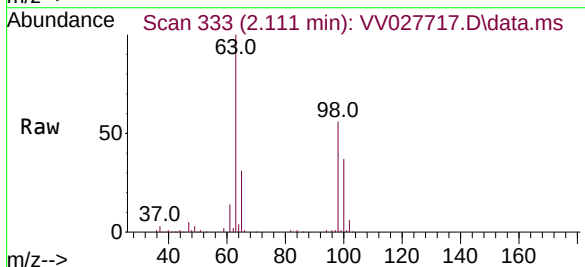
Tgt Ion: 96 Resp: 850

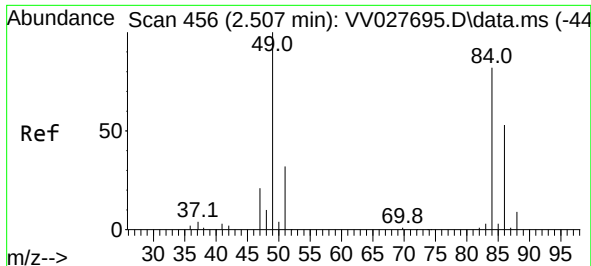
Ion Ratio Lower Upper

96 100

61 1278.8 134.3 249.3#

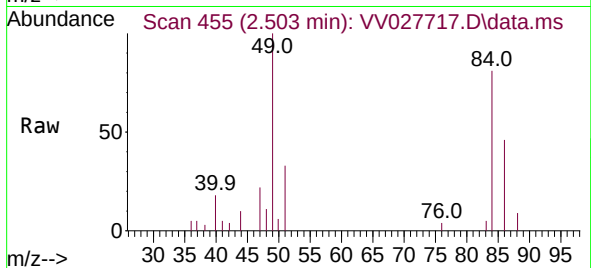
63 9464.1 105.7 196.3#



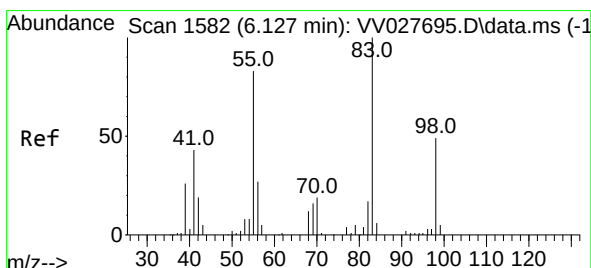
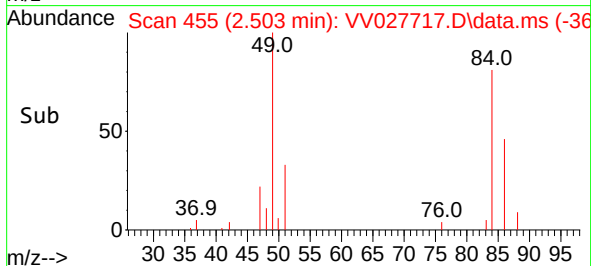
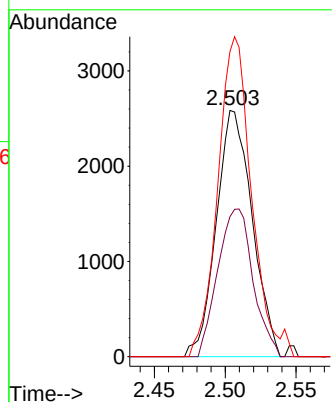


#16
Methylene chloride
Concen: 0.370 ug/L
RT: 2.503 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV027717.D
Acq: 02 Sep 2022 12:22

Instrument :
MSVOA_V
ClientSampleId :

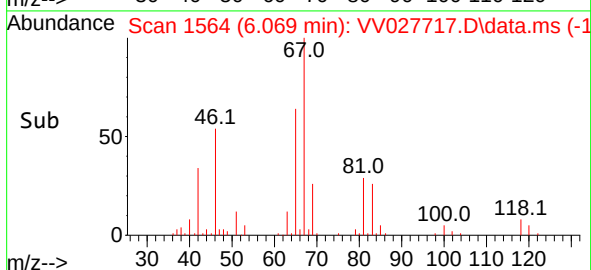
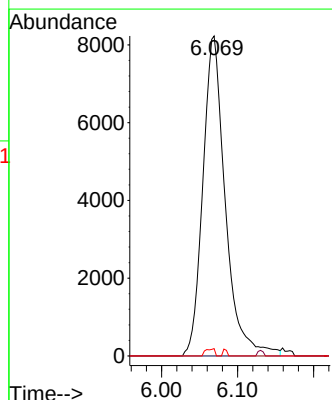
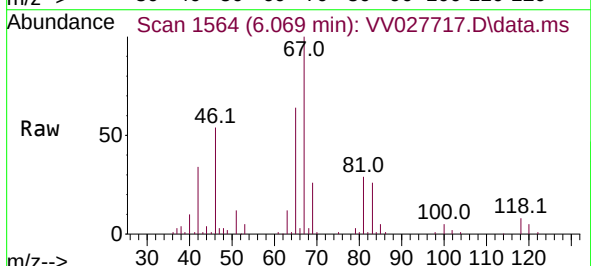


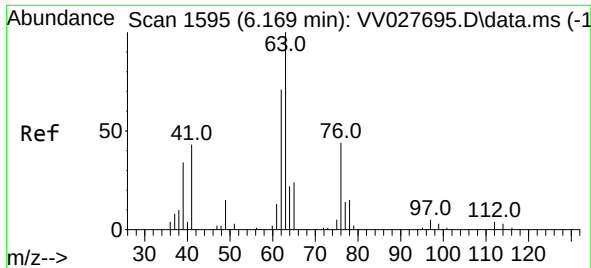
Tgt Ion:	84	Resp:	4561
Ion	Ratio	Lower	Upper
84	100		
86	56.8	43.9	81.5
49	123.9	92.5	171.7



#35
Methylcyclohexane
Concen: 1.012 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV027717.D
Acq: 02 Sep 2022 12:22

Tgt Ion:	83	Resp:	16872
Ion	Ratio	Lower	Upper
83	100		
55	0.0	66.0	99.0#
98	0.9	36.9	55.3#





#37

1,2-Dichloropropane

Concen: 0.723 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV027717.D

Acq: 02 Sep 2022 12:22

Instrument :

MSVOA_V

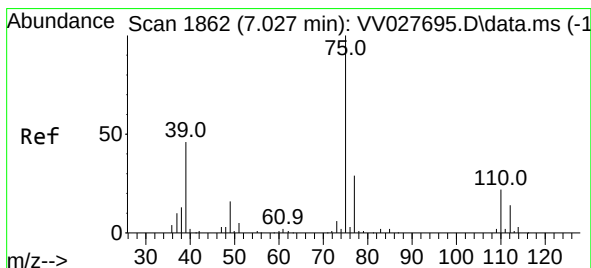
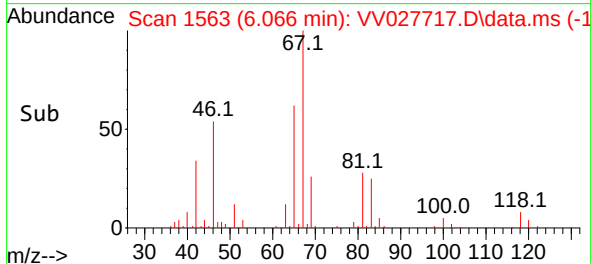
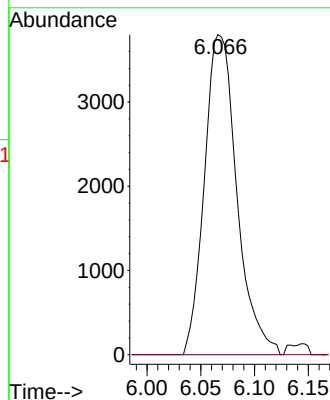
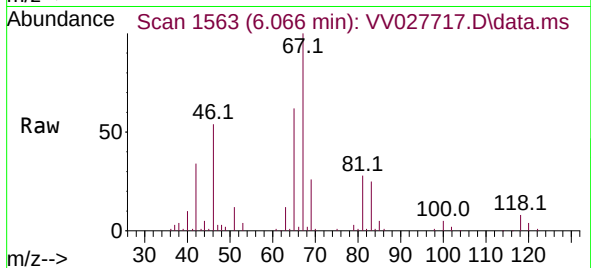
ClientSampleId :

Tgt Ion: 63 Resp: 7978

Ion Ratio Lower Upper

63 100

112 0.0 2.9 4.3#



#39

cis-1,3-Dichloropropene

Concen: 0.126 ug/L

RT: 6.982 min Scan# 1848

Delta R.T. -0.045 min

Lab File: VV027717.D

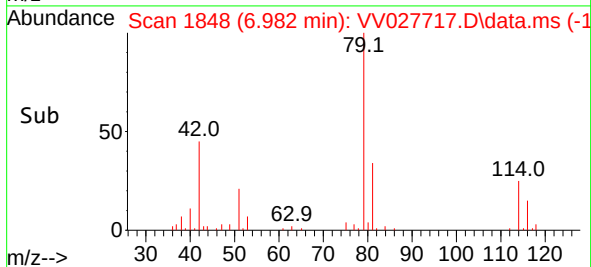
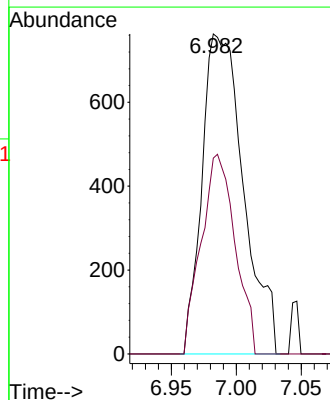
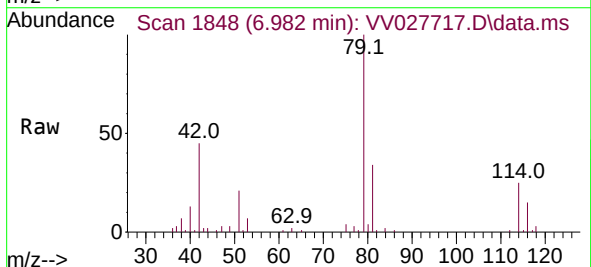
Acq: 02 Sep 2022 12:22

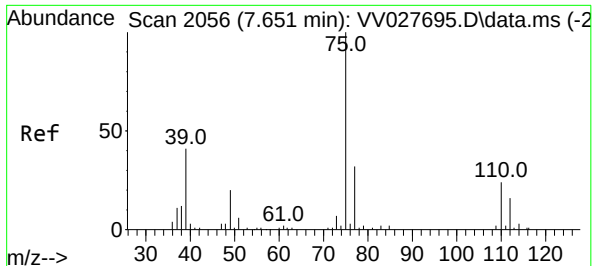
Tgt Ion: 75 Resp: 1696

Ion Ratio Lower Upper

75 100

77 61.2 22.3 41.3#

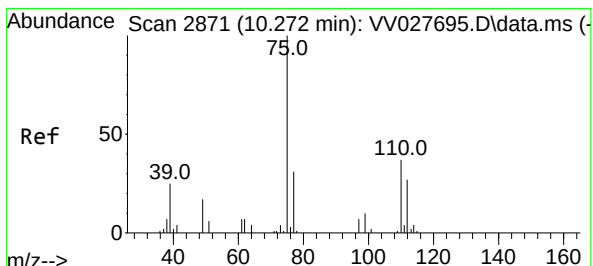
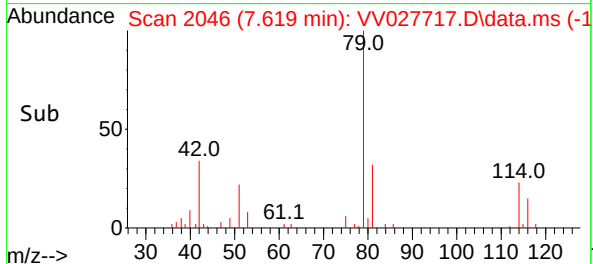
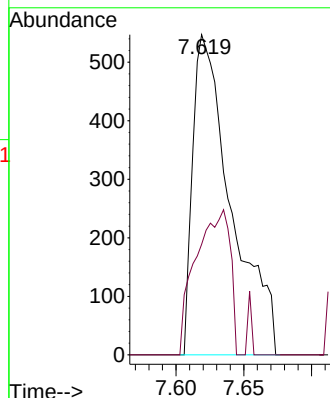
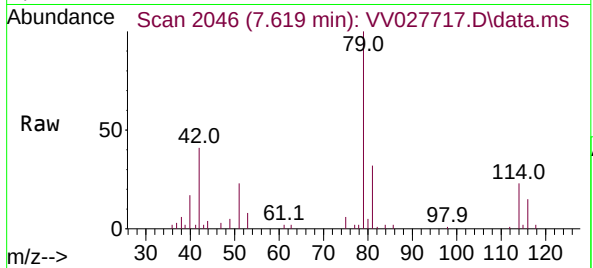




#44
trans-1,3-Dichloropropene
Concen: 0.099 ug/L
RT: 7.619 min Scan# 2056
Delta R.T. -0.032 min
Lab File: VV027717.D
Acq: 02 Sep 2022 12:22

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1082
Ion Ratio Lower Upper
75 100
77 34.6 22.0 41.0



#61
1,2,3-Trichloropropane
Concen: 1.157 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV027717.D
Acq: 02 Sep 2022 12:22

Tgt Ion: 75 Resp: 5766
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.6
110 0.7 29.8 44.8#

