

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026298.D
 Acq On : 15 Jun 2022 23:44
 Operator : SY/MD
 Sample : N3273-10 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B80DL

Quant Time: Jun 16 06:55:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:34:39 2022
 Response via : Initial Calibration

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

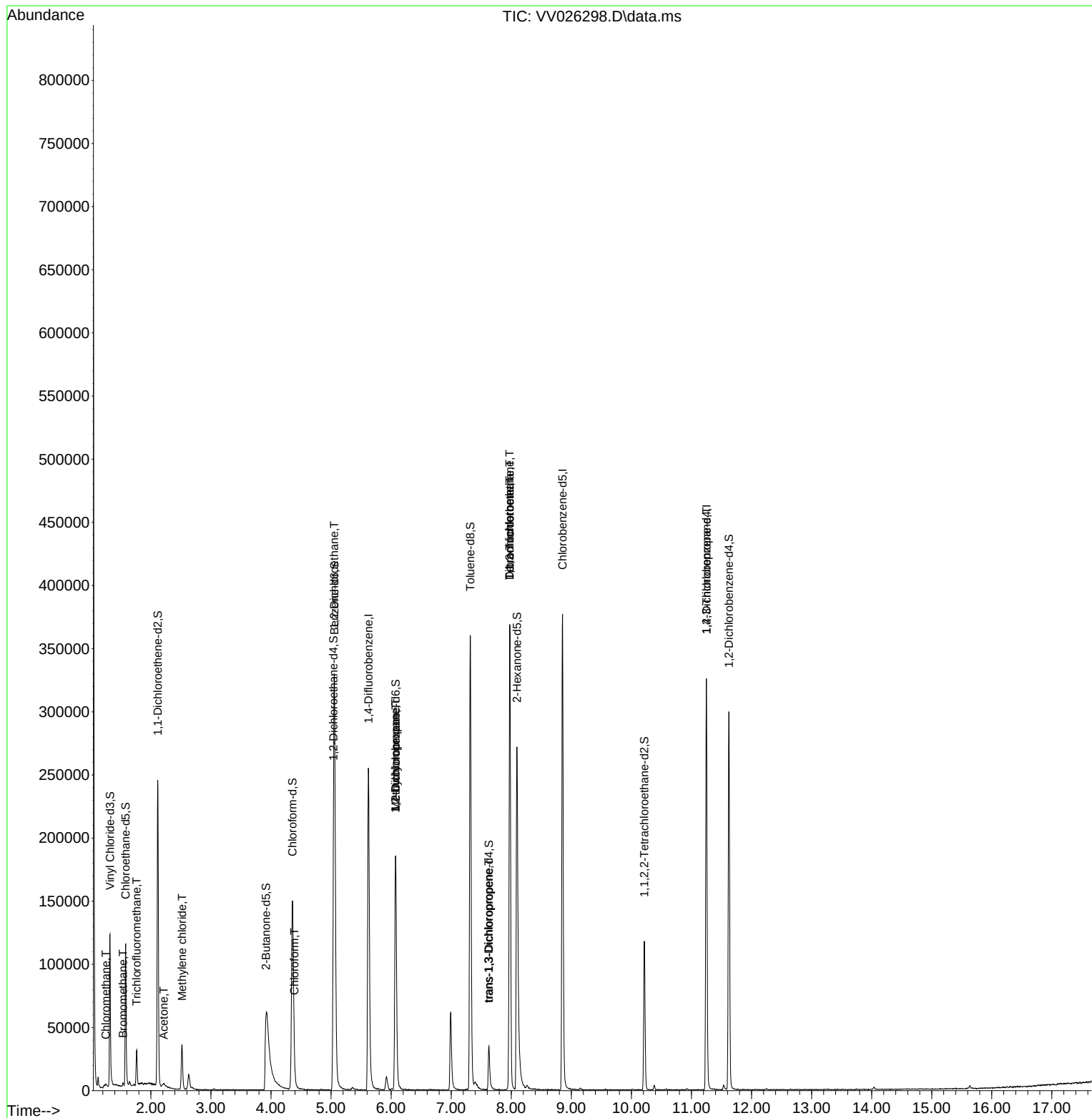
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	227767	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	214186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	86319	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	90738	4.587	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.800%	
7) Chloroethane-d5	1.581	69	79447	5.107	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.200%	
11) 1,1-Dichloroethene-d2	2.114	63	129827	3.822	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	76.400%	
20) 2-Butanone-d5	3.918	46	141657	73.383	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	146.760%#	
24) Chloroform-d	4.359	84	161345	5.564	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	111.200%	
26) 1,2-Dichloroethane-d4	5.040	65	69622	5.675	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	113.600%	
32) Benzene-d6	5.056	84	315103	5.503	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.000%	
36) 1,2-Dichloropropane-d6	6.076	67	96300	5.762	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	115.200%	
41) Toluene-d8	7.317	98	247219	4.735	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.600%	
43) trans-1,3-Dichloroprop...	7.629	79	22488	4.150	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.000%	
46) 2-Hexanone-d5	8.095	63	104222	63.665	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	127.340%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	59673	5.796	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	79683	5.993	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	119.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.249	50	1232	0.065	ug/L	95
6) Bromomethane	1.536	94	1380	0.126	ug/L	88
9) Trichlorofluoromethane	1.764	101	16010	0.590	ug/L	95
13) Acetone	2.214	43	5959	3.983	ug/L	73
16) Methylene chloride	2.519	84	15206	0.828	ug/L	99
25) Chloroform	4.387	83	3025	0.105	ug/L	91
27) 1,2-Dichloroethane	5.053	62	1756	0.134	ug/L #	71
35) Methylcyclohexane	6.076	83	22918	1.105	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	10348	0.721	ug/L #	90
44) trans-1,3-Dichloropropene	7.625	75	1054	0.081	ug/L #	67
45) 1,1,2-Trichloroethane	7.976	97	745	0.079	ug/L #	8
47) Tetrachloroethene	7.976	164	81723	7.359	ug/L	95
49) Dibromochloromethane	7.976	129	74154	7.103	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	10460	1.867	ug/L #	66

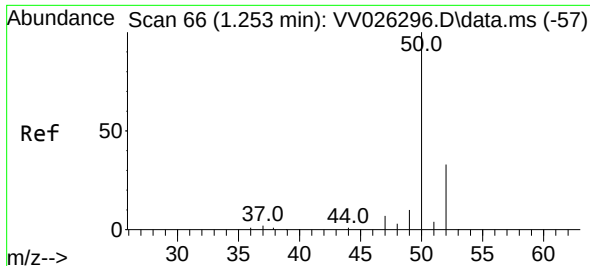
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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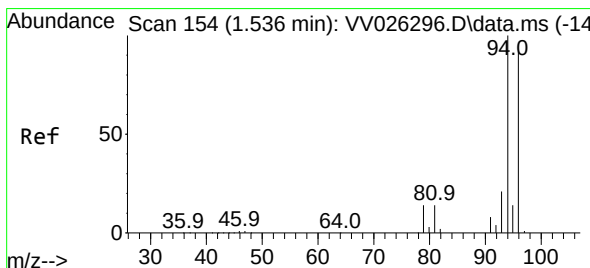
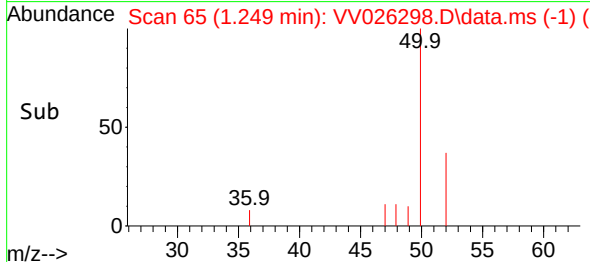
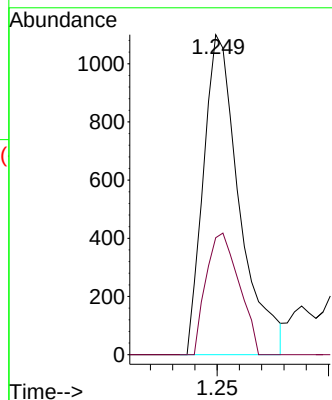
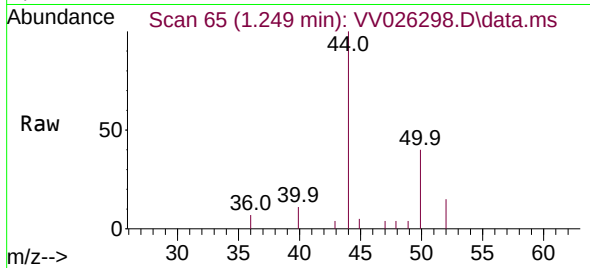




#3
Chloromethane
Concen: 0.065 ug/L
RT: 1.249 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV026298.D
Acq: 15 Jun 2022 23:44

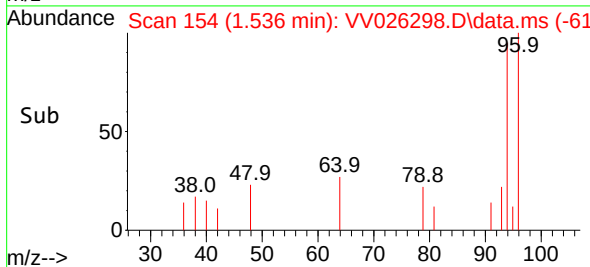
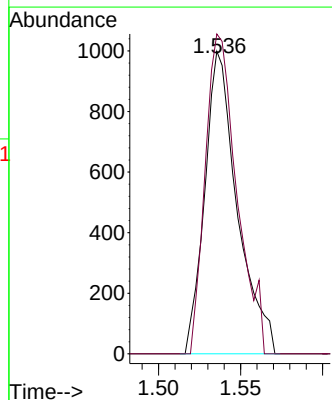
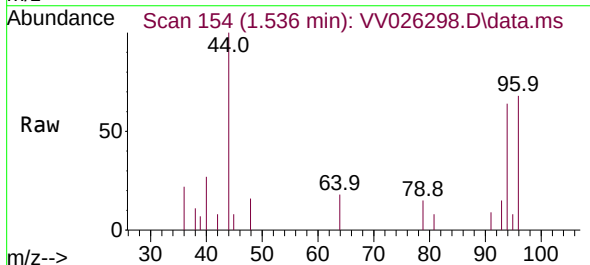
Instrument :
MSVOA_V
ClientSampleId :
C0B80DL

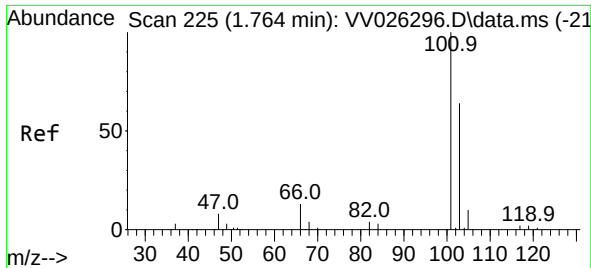
Tgt Ion: 50 Resp: 1232
Ion Ratio Lower Upper
50 100
52 36.5 23.7 44.1



#6
Bromomethane
Concen: 0.126 ug/L
RT: 1.536 min Scan# 154
Delta R.T. 0.000 min
Lab File: VV026298.D
Acq: 15 Jun 2022 23:44

Tgt Ion: 94 Resp: 1380
Ion Ratio Lower Upper
94 100
96 105.7 65.7 121.9

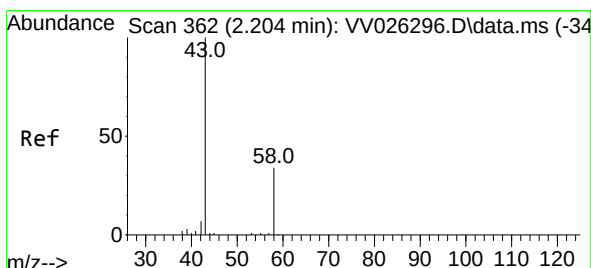
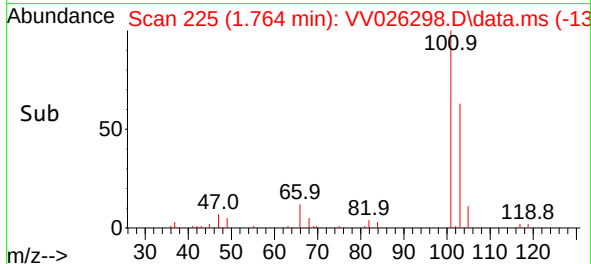
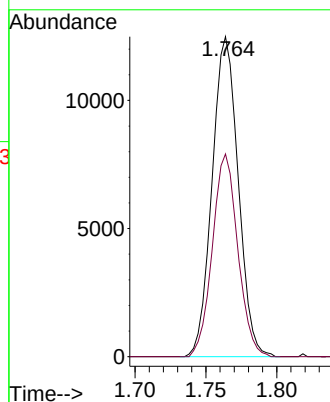
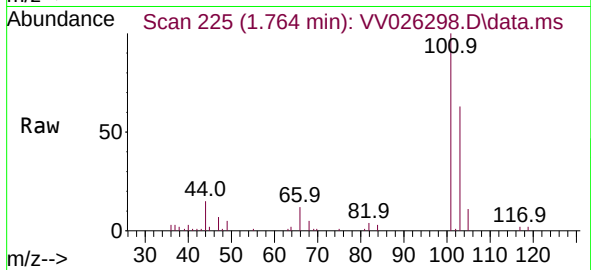




#9
Trichlorofluoromethane
Concen: 0.590 ug/L
RT: 1.764 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026298.D
Acq: 15 Jun 2022 23:44

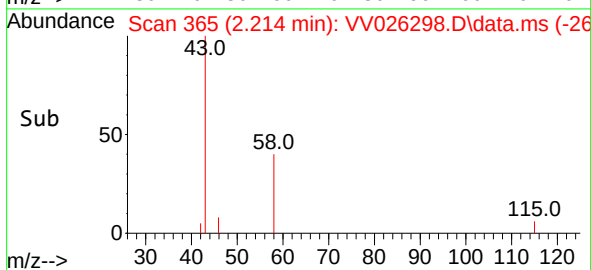
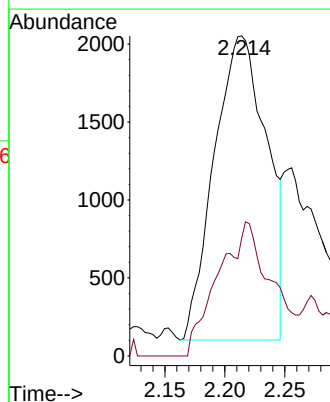
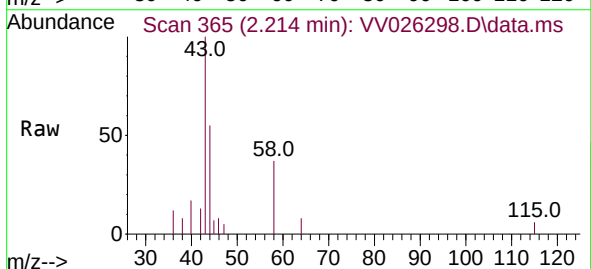
Instrument :
MSVOA_V
ClientSampleId :
C0B80DL

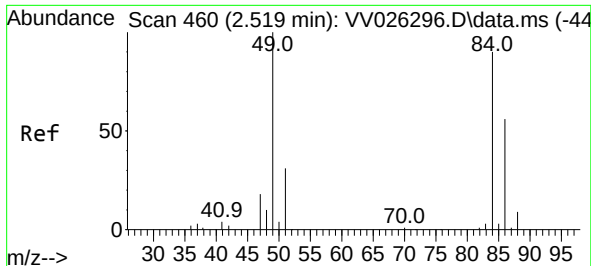
Tgt Ion:101 Resp: 16010
Ion Ratio Lower Upper
101 100
103 61.6 52.3 78.5



#13
Acetone
Concen: 3.983 ug/L
RT: 2.214 min Scan# 365
Delta R.T. 0.010 min
Lab File: VV026298.D
Acq: 15 Jun 2022 23:44

Tgt Ion: 43 Resp: 5959
Ion Ratio Lower Upper
43 100
58 44.4 0.0 60.0

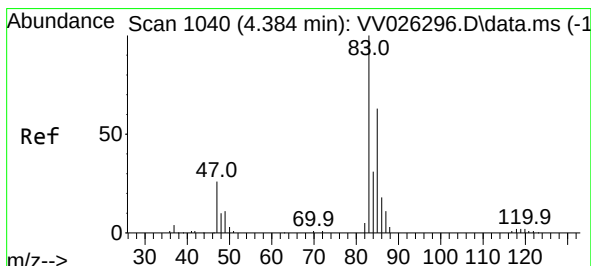
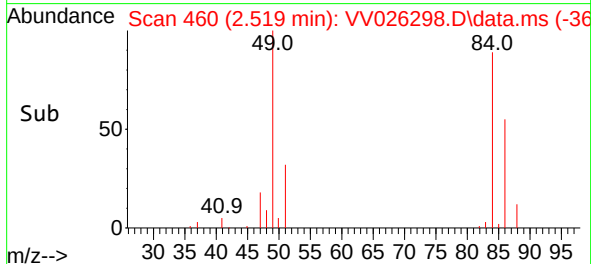
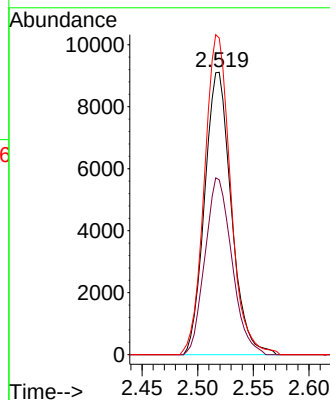
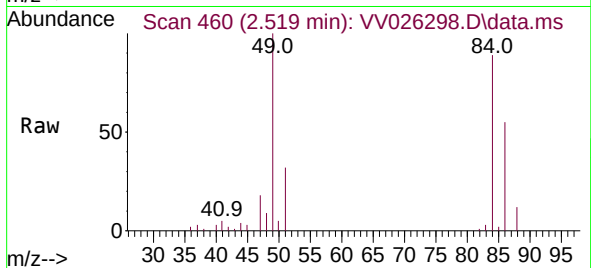




#16
Methylene chloride
Concen: 0.828 ug/L
RT: 2.519 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026298.D
Acq: 15 Jun 2022 23:44

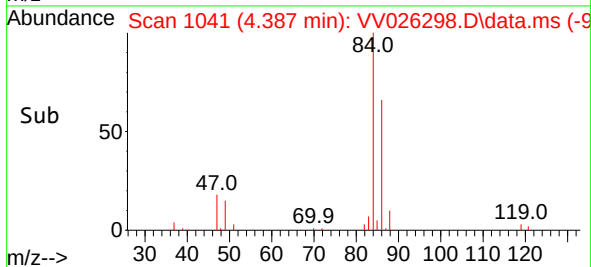
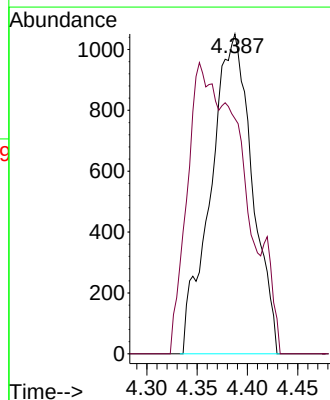
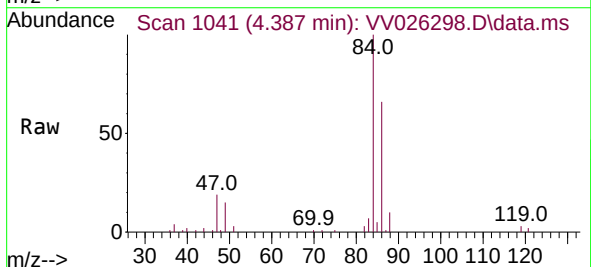
Instrument :
MSVOA_V
ClientSampleId :
C0B80DL

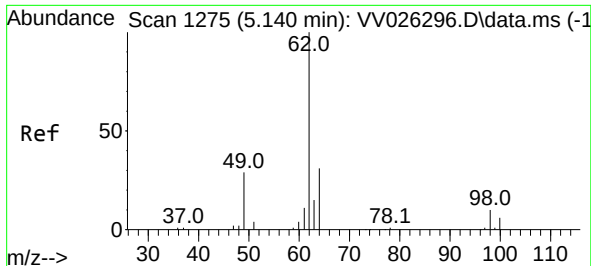
Tgt Ion: 84 Resp: 15206
Ion Ratio Lower Upper
84 100
86 61.9 44.0 81.8
49 112.1 77.3 143.7



#25
Chloroform
Concen: 0.105 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.003 min
Lab File: VV026298.D
Acq: 15 Jun 2022 23:44

Tgt Ion: 83 Resp: 3025
Ion Ratio Lower Upper
83 100
85 73.5 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.134 ug/L

RT: 5.053 min Scan# 1

Delta R.T. -0.087 min

Lab File: VV026298.D

Acq: 15 Jun 2022 23:44

Instrument :

MSVOA_V

ClientSampleId :

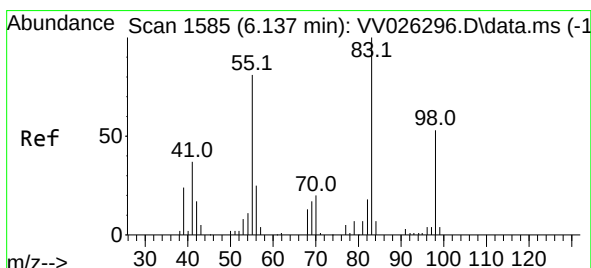
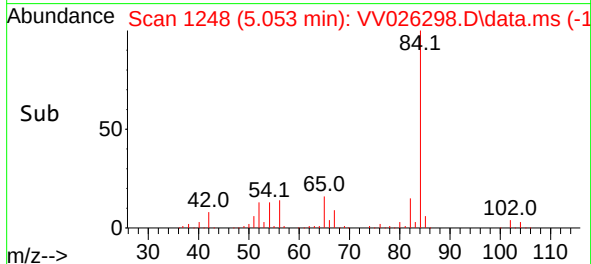
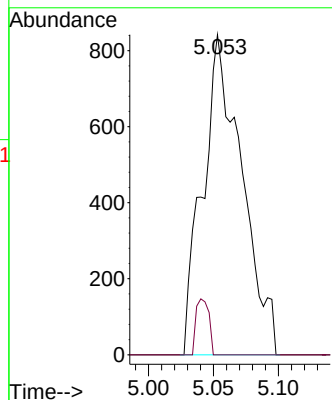
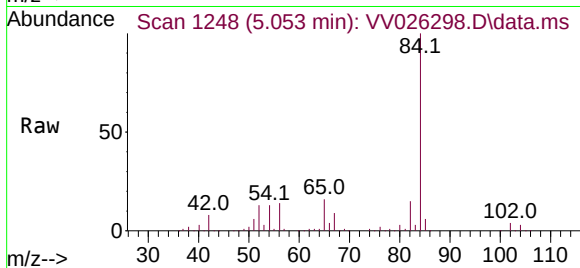
C0B80DL

Tgt Ion: 62 Resp: 1756

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#



#35

Methylcyclohexane

Concen: 1.105 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.061 min

Lab File: VV026298.D

Acq: 15 Jun 2022 23:44

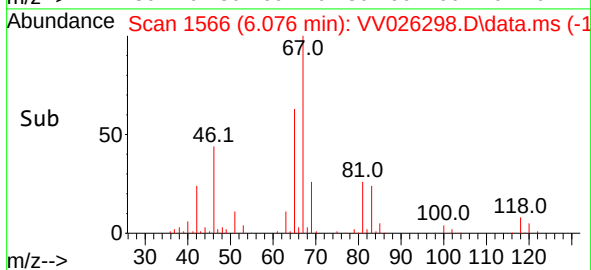
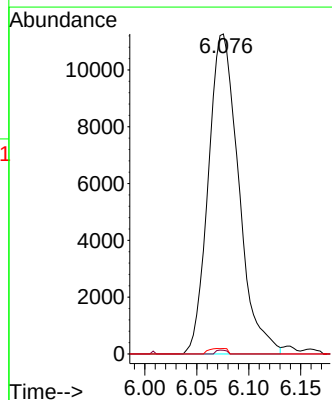
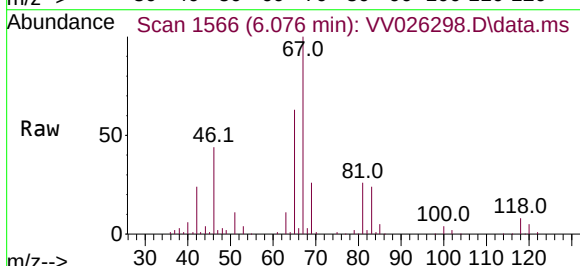
Tgt Ion: 83 Resp: 22918

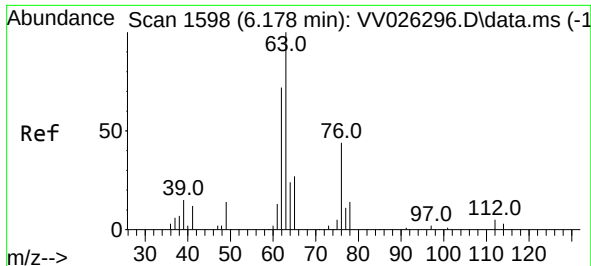
Ion Ratio Lower Upper

83 100

55 0.4 59.3 88.9#

98 1.0 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.721 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.106 min

Lab File: VV026298.D

Acq: 15 Jun 2022 23:44

Instrument :

MSVOA_V

ClientSampleId :

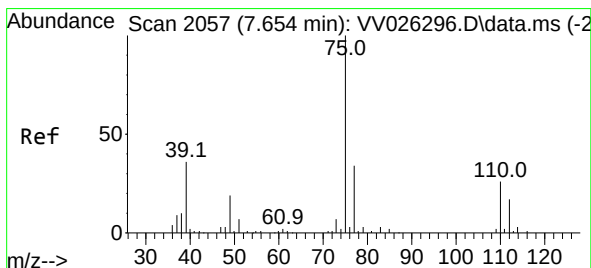
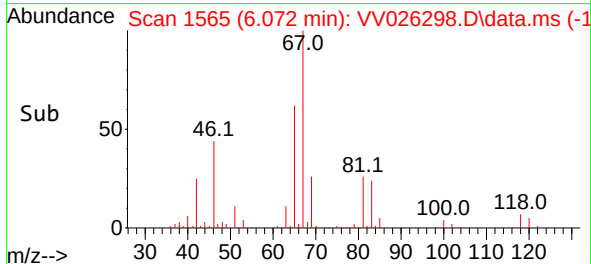
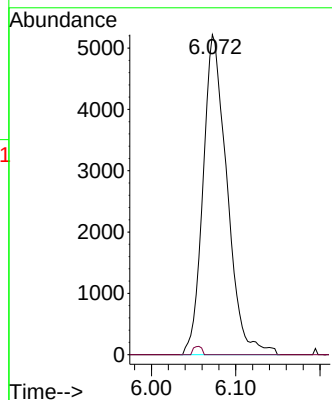
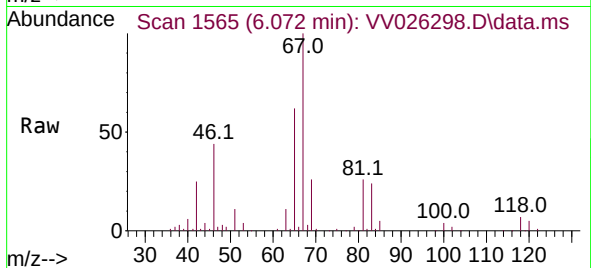
C0B80DL

Tgt Ion: 63 Resp: 10348

Ion Ratio Lower Upper

63 100

112 0.9 3.3 4.9#



#44

trans-1,3-Dichloropropene

Concen: 0.081 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.029 min

Lab File: VV026298.D

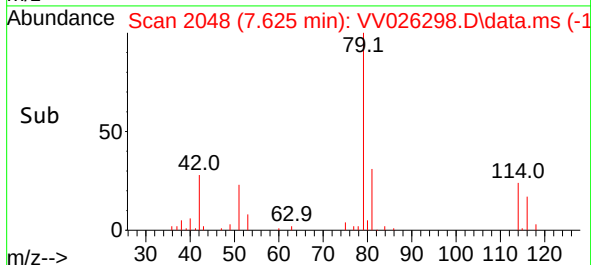
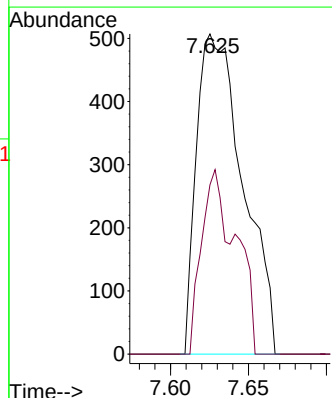
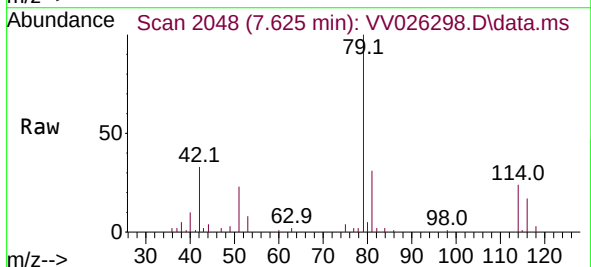
Acq: 15 Jun 2022 23:44

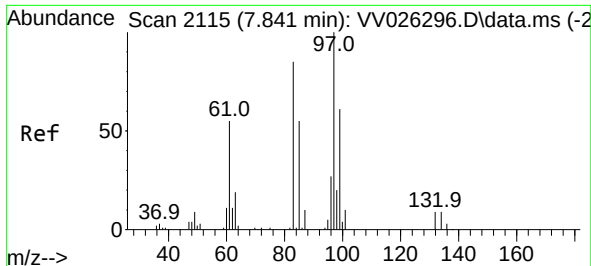
Tgt Ion: 75 Resp: 1054

Ion Ratio Lower Upper

75 100

77 52.9 23.7 43.9#





#45

1,1,2-Trichloroethane

Concen: 0.079 ug/L

RT: 7.976 min Scan# 2115

Delta R.T. 0.135 min

Lab File: VV026298.D

Acq: 15 Jun 2022 23:44

Instrument :

MSVOA_V

ClientSampleId :

C0B80DL

Tgt Ion: 97 Resp: 745

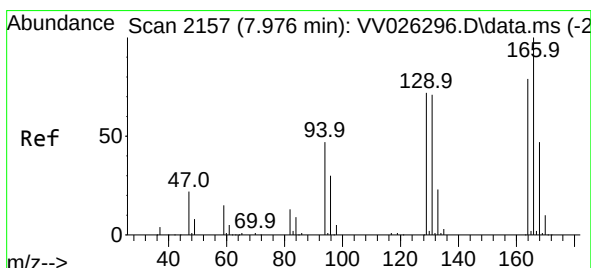
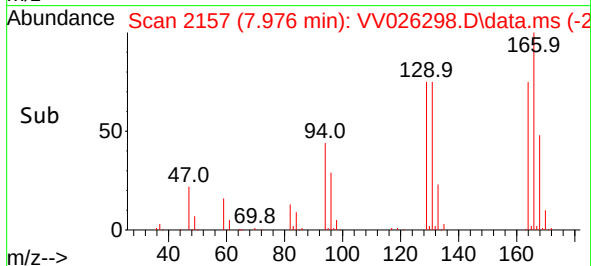
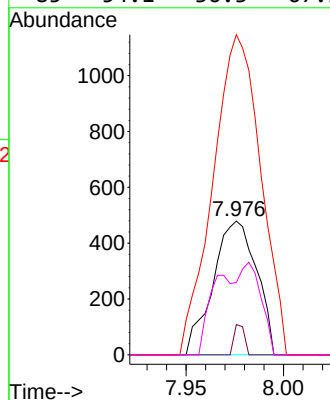
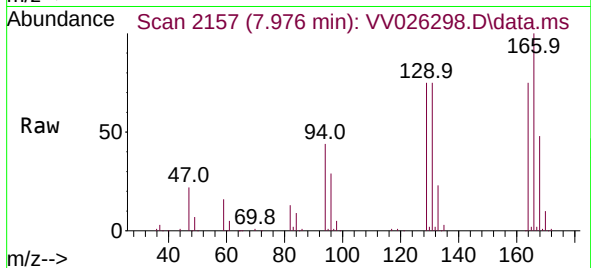
Ion Ratio Lower Upper

97 100

99 22.5 42.4 78.6#

83 239.5 56.1 104.1#

85 54.1 36.3 67.5



#47

Tetrachloroethene

Concen: 7.359 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV026298.D

Acq: 15 Jun 2022 23:44

Tgt Ion: 164 Resp: 81723

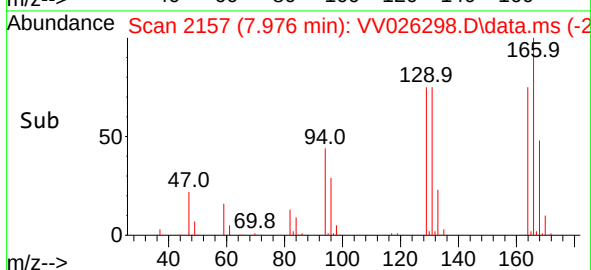
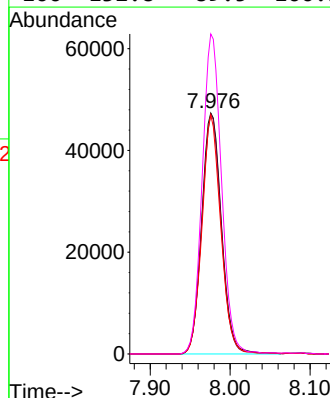
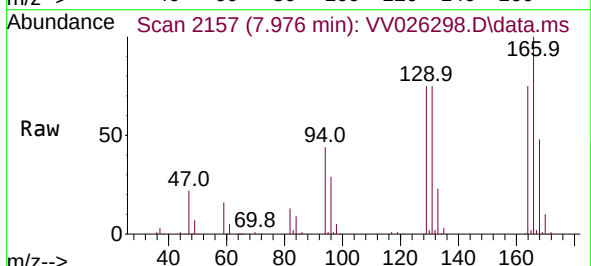
Ion Ratio Lower Upper

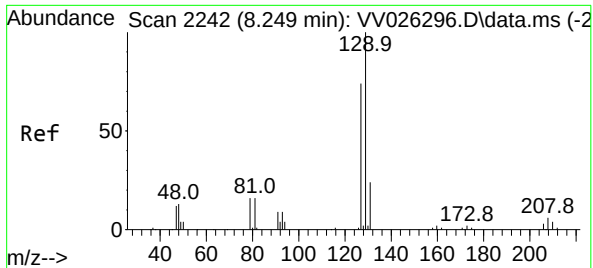
164 100

129 99.5 67.5 125.3

131 99.2 63.8 118.4

166 132.8 89.5 166.3





#49

Dibromochloromethane

Concen: 7.103 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV026298.D

Acq: 15 Jun 2022 23:44

Instrument :

MSVOA_V

ClientSampleId :

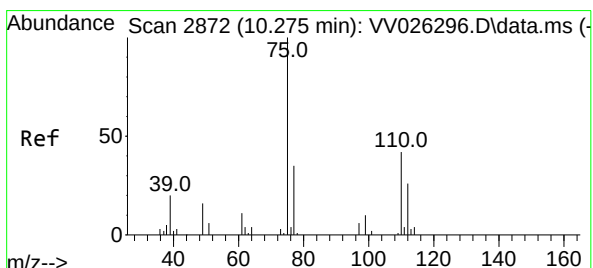
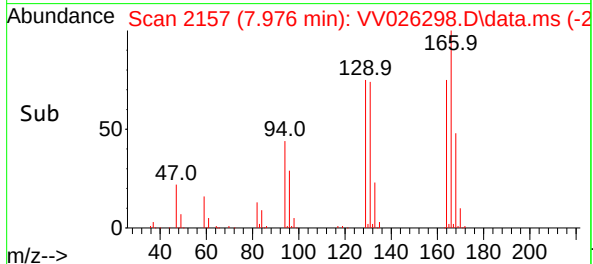
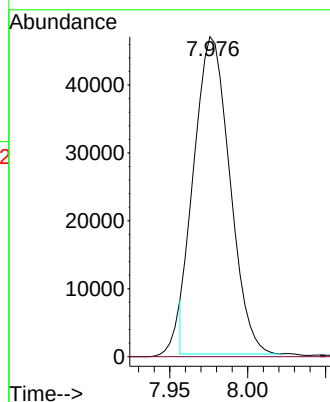
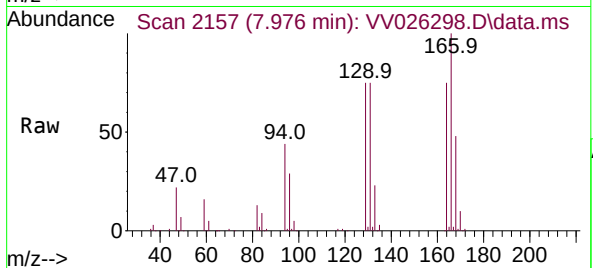
C0B80DL

Tgt Ion:129 Resp: 74154

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 1.867 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV026298.D

Acq: 15 Jun 2022 23:44

Tgt Ion: 75 Resp: 10460

Ion Ratio Lower Upper

75 100

77 30.9 26.9 40.3

110 2.0 30.7 46.1#

