

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027757.D
 Acq On : 06 Sep 2022 21:42
 Operator : SY/MD
 Sample : N4418-11DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DBVE7DL

Quant Time: Sep 07 06:30:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

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

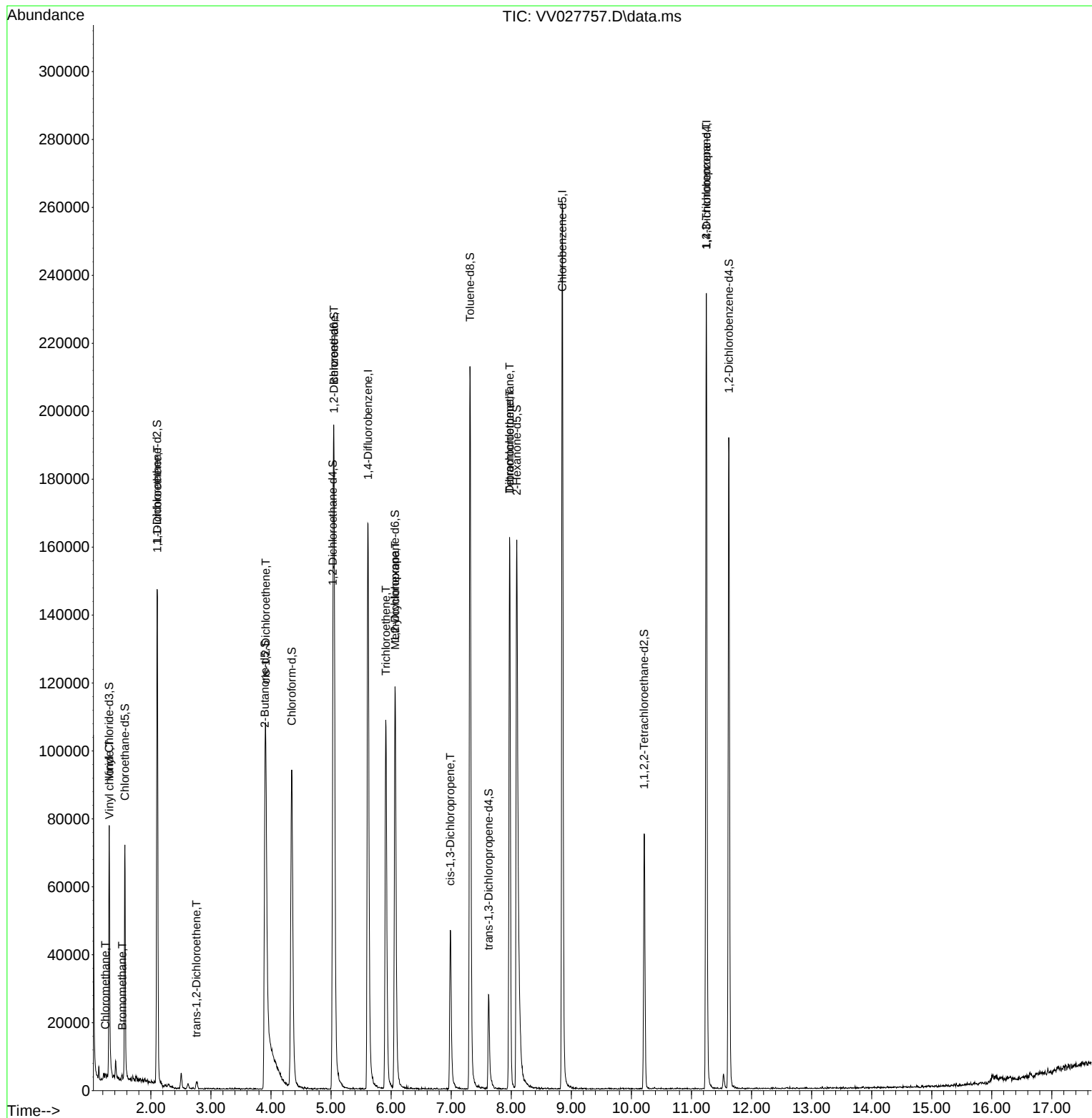
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	150466	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	148621	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	65567	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49116	4.952	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.568	69	44221	5.256	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.105	63	76863	3.652	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.000%
20) 2-Butanone-d5	3.899	46	64920	29.535	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	59.080%
24) Chloroform-d	4.346	84	98899	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.030	65	47789	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.047	84	182679	4.237	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.066	67	56566	4.481	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.600%
41) Toluene-d8	7.313	98	147575	4.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	7.622	79	17385	4.105	ug/L	-0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.091	63	67883	43.122	ug/L	-0.03
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.240%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35622	4.394	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	51540	4.785	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	754	0.056	ug/L	86
5) Vinyl chloride	1.310	62	4919	0.363	ug/L #	77
6) Bromomethane	1.523	94	769	0.105	ug/L	93
12) 1,1-Dichloroethene	2.108	96	822	0.082	ug/L #	1
18) trans-1,2-Dichloroethene	2.757	96	835	0.079	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	44166	3.848	ug/L #	91
27) 1,2-Dichloroethane	5.050	62	1207	0.091	ug/L #	75
34) Trichloroethene	5.911	95	38539	3.137	ug/L	95
35) Methylcyclohexane	6.069	83	14460	0.766	ug/L #	19
39) cis-1,3-Dichloropropene	6.985	75	1226	0.083	ug/L #	66
47) Tetrachloroethene	7.972	164	36020	3.653	ug/L	96
49) Dibromochloromethane	7.972	129	28743	3.000	ug/L #	10
61) 1,2,3-Trichloropropane	11.246	75	6866	1.322	ug/L #	62

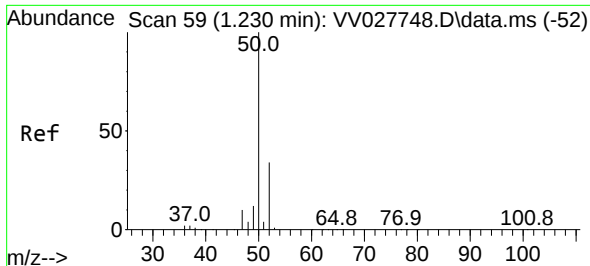
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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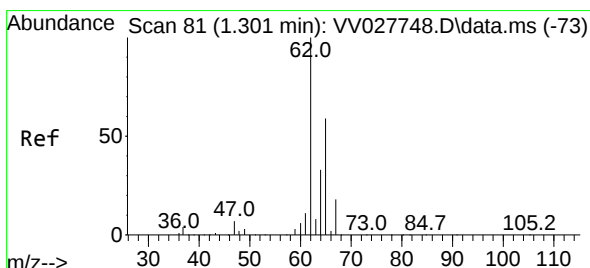
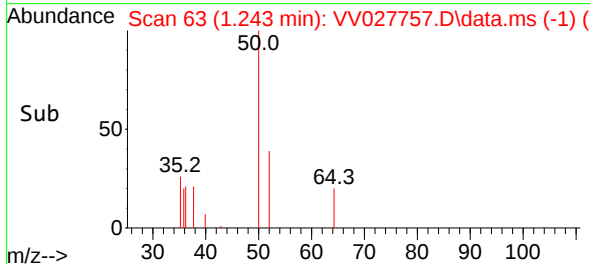
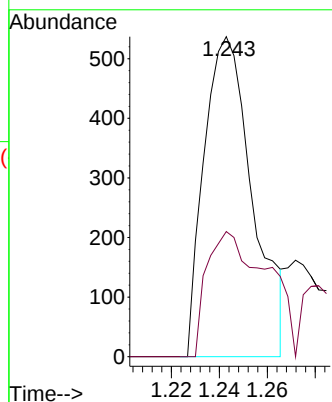
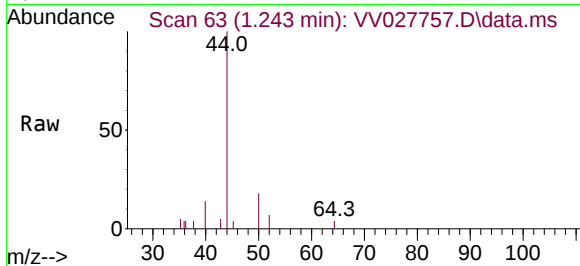




#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.013 min
Lab File: VV027757.D
Acq: 06 Sep 2022 21:42

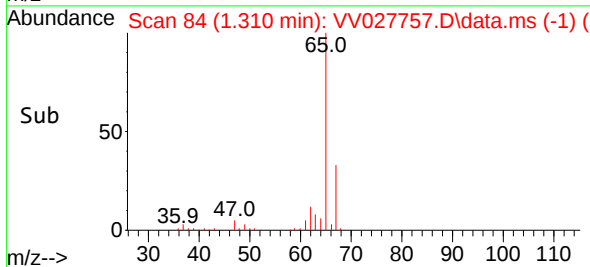
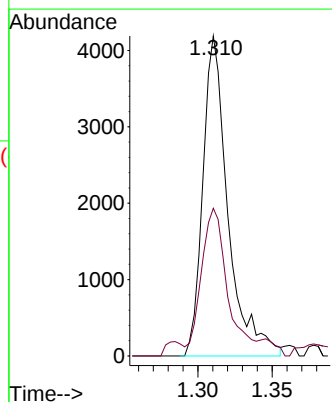
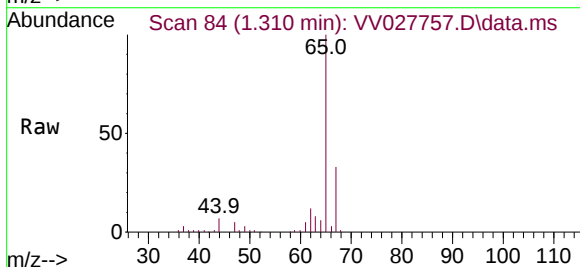
Instrument :
MSVOA_V
ClientSampleId :
DBVE7DL

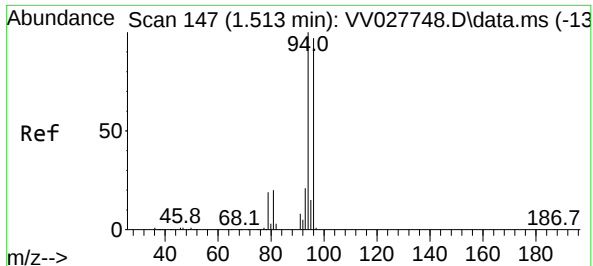
Tgt Ion: 50 Resp: 754
Ion Ratio Lower Upper
50 100
52 39.1 22.1 41.1



#5
Vinyl chloride
Concen: 0.363 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.010 min
Lab File: VV027757.D
Acq: 06 Sep 2022 21:42

Tgt Ion: 62 Resp: 4919
Ion Ratio Lower Upper
62 100
64 46.1 23.2 43.2#

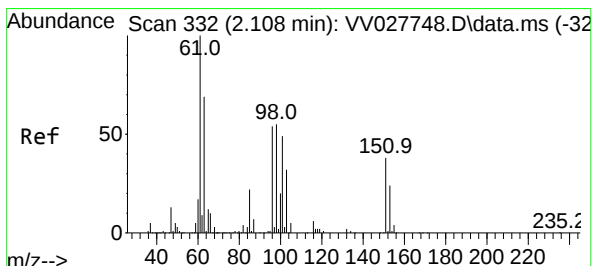
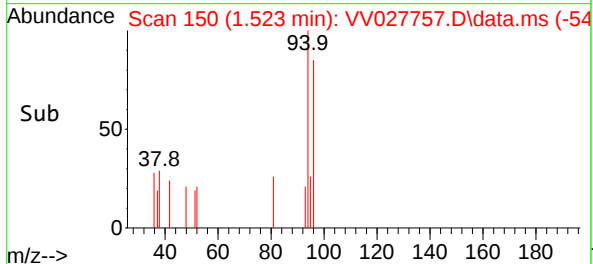
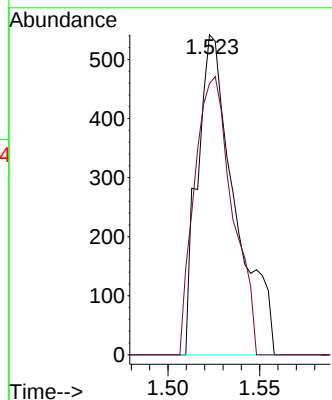
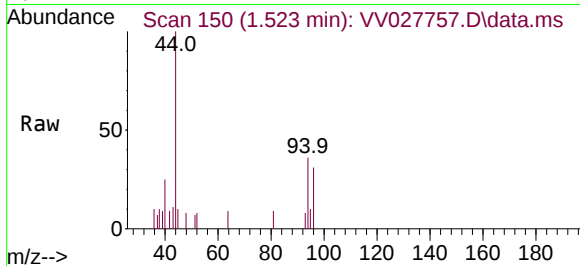




#6
Bromomethane
Concen: 0.105 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV027757.D
Acq: 06 Sep 2022 21:42

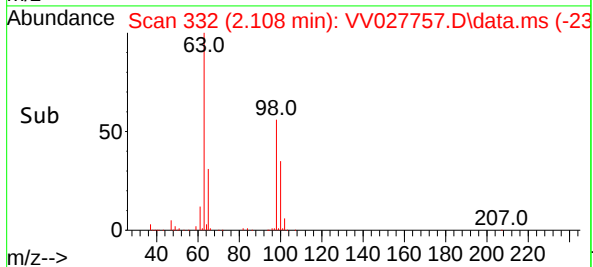
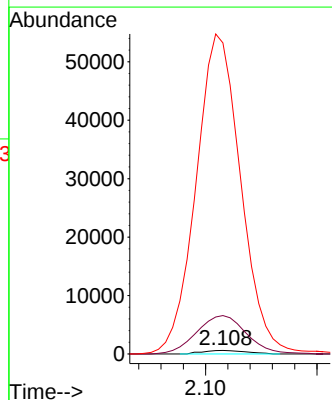
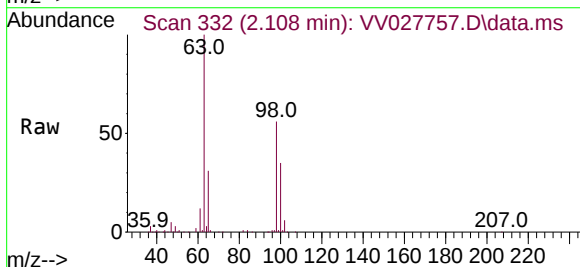
Instrument :
MSVOA_V
ClientSampleId :
DBVE7DL

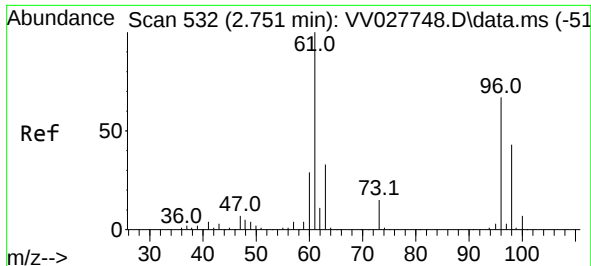
Tgt Ion: 94 Resp: 769
Ion Ratio Lower Upper
94 100
96 84.7 64.2 119.2



#12
1,1-Dichloroethene
Concen: 0.082 ug/L
RT: 2.108 min Scan# 332
Delta R.T. 0.000 min
Lab File: VV027757.D
Acq: 06 Sep 2022 21:42

Tgt Ion: 96 Resp: 822
Ion Ratio Lower Upper
96 100
61 1076.7 129.9 241.3#
63 8725.2 94.6 175.8#

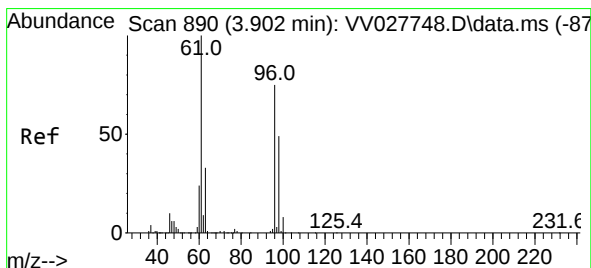
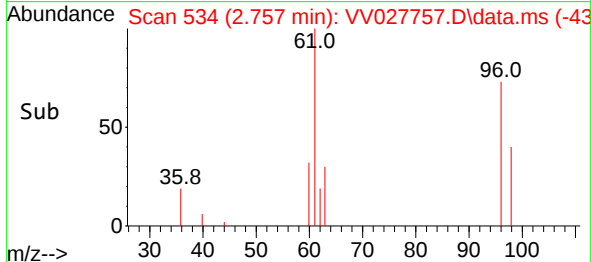
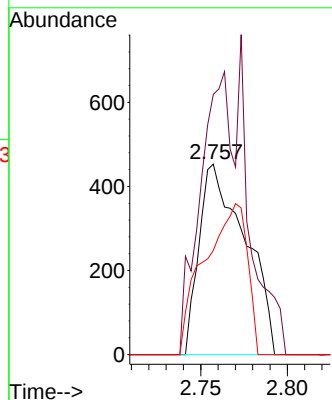
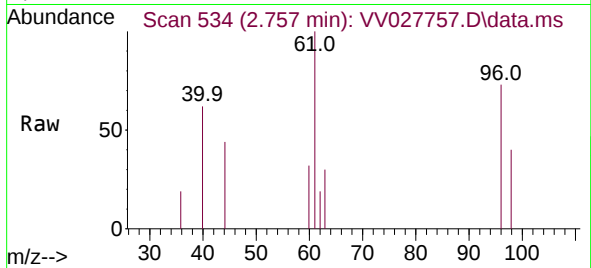




#18
trans-1,2-Dichloroethene
Concen: 0.079 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV027757.D
Acq: 06 Sep 2022 21:42

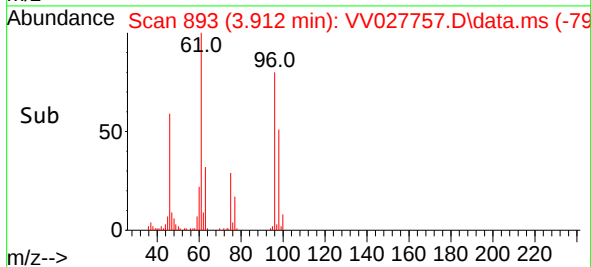
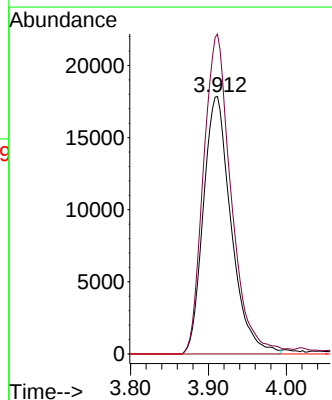
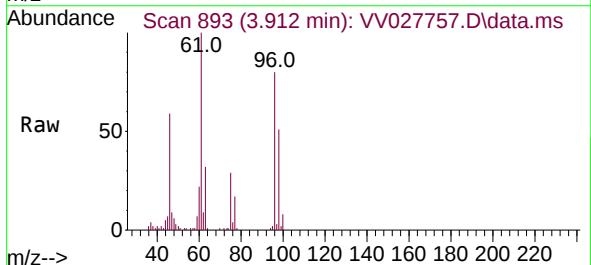
Instrument :
MSVOA_V
ClientSampleId :
DBVE7DL

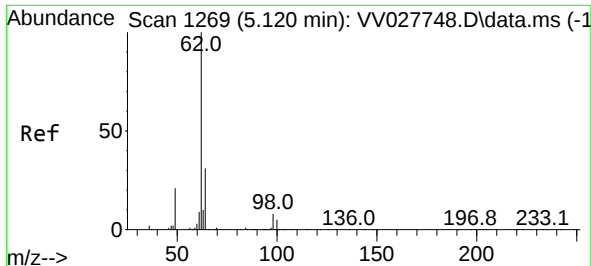
Tgt Ion: 96 Resp: 835
Ion Ratio Lower Upper
96 100
61 136.6 102.6 190.5
98 54.7 44.0 81.8



#22
cis-1,2-Dichloroethene
Concen: 3.848 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.010 min
Lab File: VV027757.D
Acq: 06 Sep 2022 21:42

Tgt Ion: 96 Resp: 44166
Ion Ratio Lower Upper
96 100
61 124.3 94.6 175.6
68 0.0 0.3 0.5#

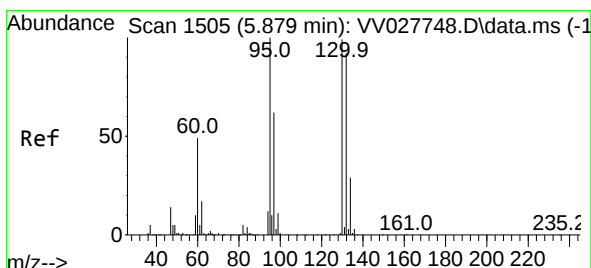
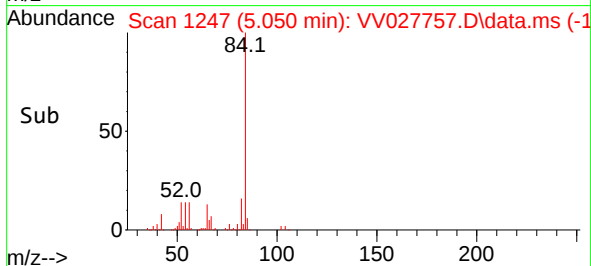
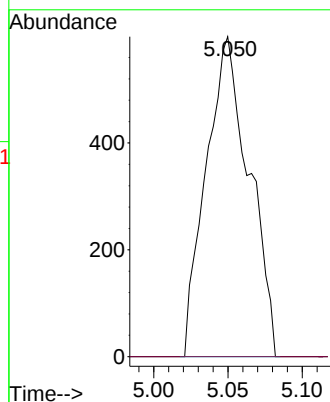
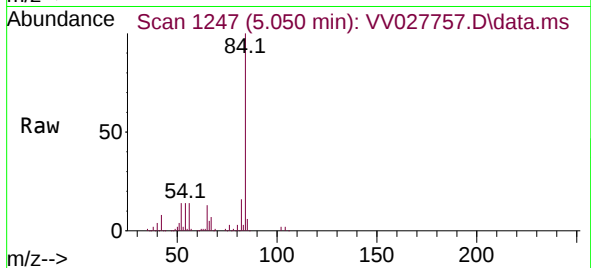




#27
1,2-Dichloroethane
Concen: 0.091 ug/L
RT: 5.050 min Scan# 11
Delta R.T. -0.071 min
Lab File: VV027757.D
Acq: 06 Sep 2022 21:42

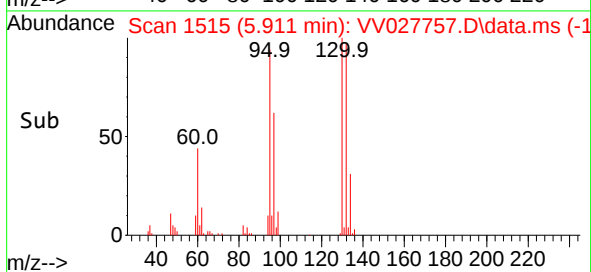
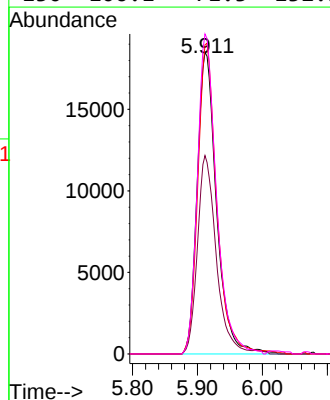
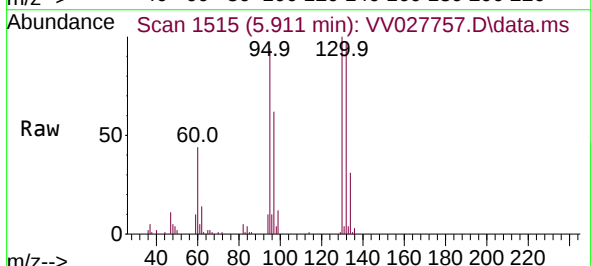
Instrument :
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DBVE7DL

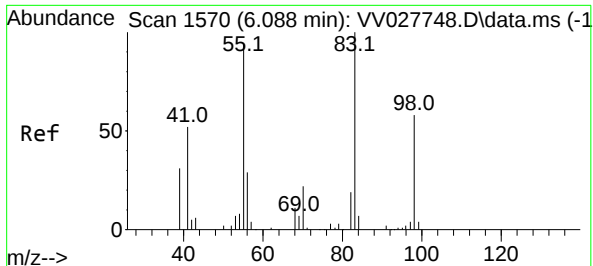
Tgt Ion: 62 Resp: 1207
Ion Ratio Lower Upper
62 100
98 0.0 7.1 10.7#



#34
Trichloroethene
Concen: 3.137 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.032 min
Lab File: VV027757.D
Acq: 06 Sep 2022 21:42

Tgt Ion: 95 Resp: 38539
Ion Ratio Lower Upper
95 100
97 65.8 42.9 79.7
132 102.5 67.9 126.1
130 106.1 71.3 132.3





#35

Methylcyclohexane

Concen: 0.766 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.019 min

Lab File: VV027757.D

Acq: 06 Sep 2022 21:42

Instrument :

MSVOA_V

ClientSampleId :

DBVE7DL

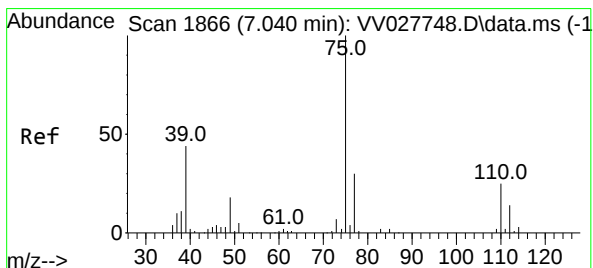
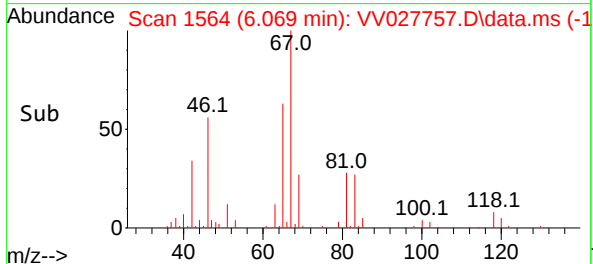
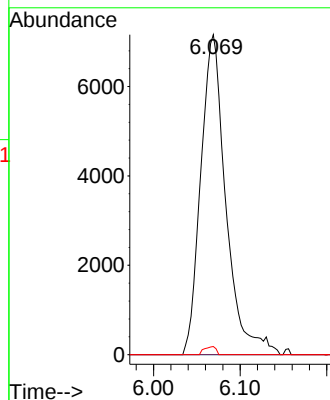
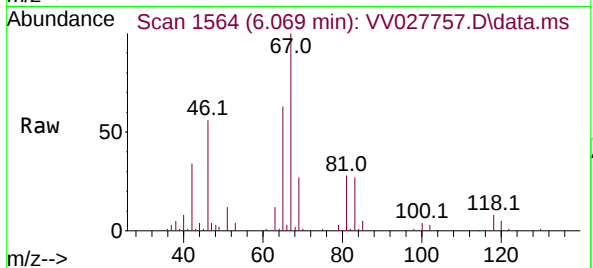
Tgt Ion: 83 Resp: 14460

Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 1.2 37.5 56.3#



#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.055 min

Lab File: VV027757.D

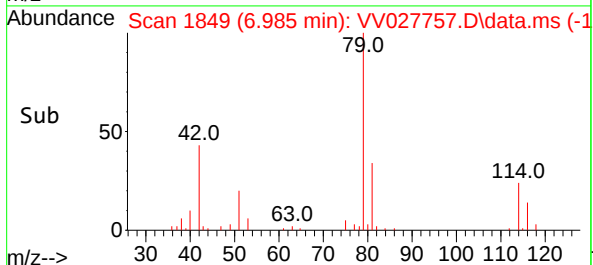
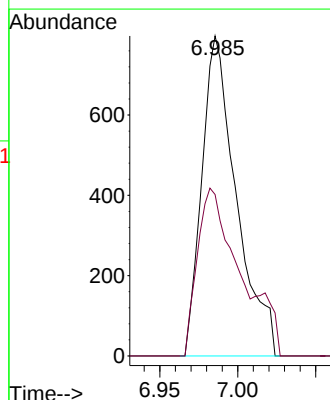
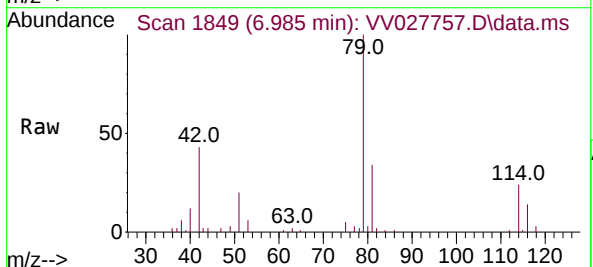
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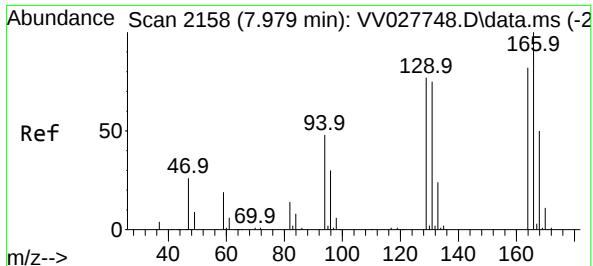
Tgt Ion: 75 Resp: 1226

Ion Ratio Lower Upper

75 100

77 50.4 22.0 40.8#





#47

Tetrachloroethene

Concen: 3.653 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.006 min

Lab File: VV027757.D

Acq: 06 Sep 2022 21:42

Instrument :

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Tgt Ion:164 Resp: 36020

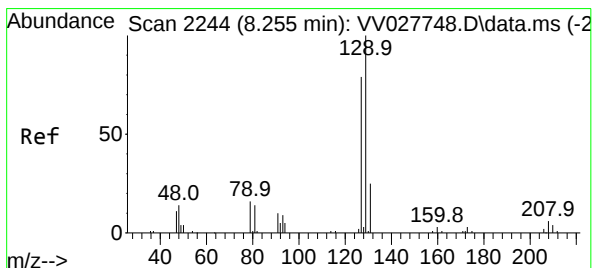
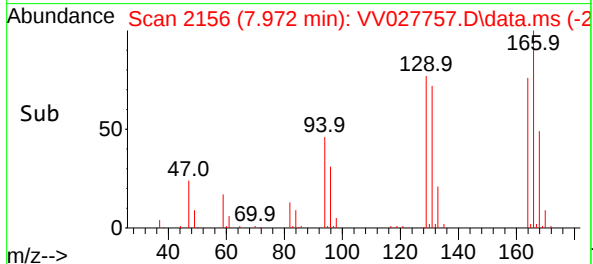
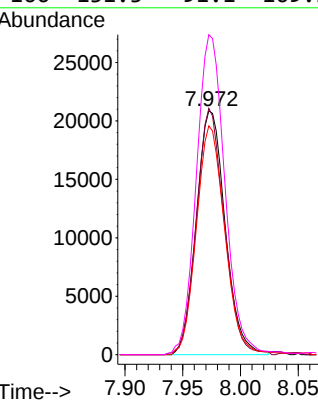
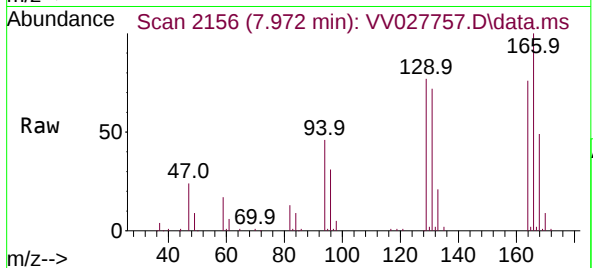
Ion Ratio Lower Upper

164 100

129 101.0 67.2 124.8

131 93.9 61.5 114.3

166 131.3 91.1 169.3



#49

Dibromochloromethane

Concen: 3.000 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.283 min

Lab File: VV027757.D

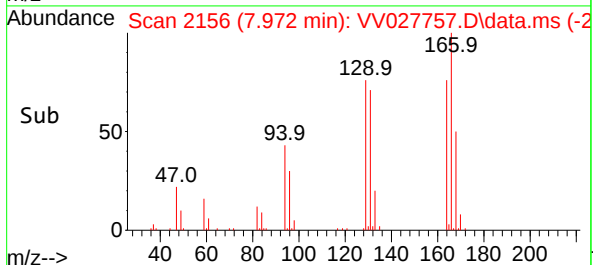
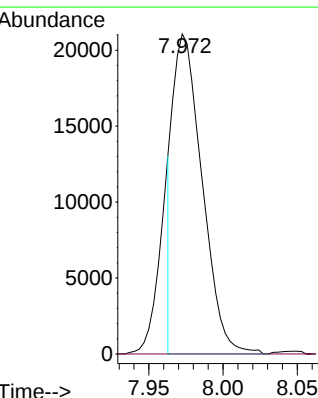
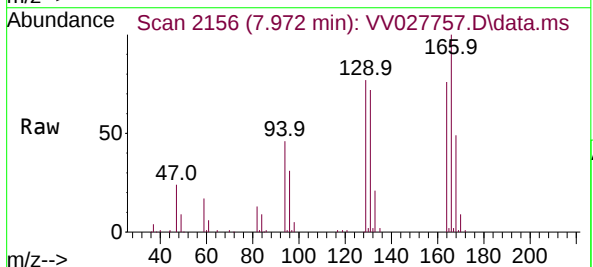
Acq: 06 Sep 2022 21:42

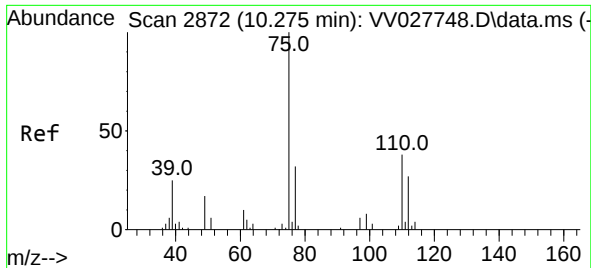
Tgt Ion:129 Resp: 28743

Ion Ratio Lower Upper

129 100

127 0.0 55.2 102.6#





#61

1,2,3-Trichloropropane

Concen: 1.322 ug/L

RT: 11.246 min Scan# 31

Delta R.T. 0.971 min

Lab File: VV027757.D

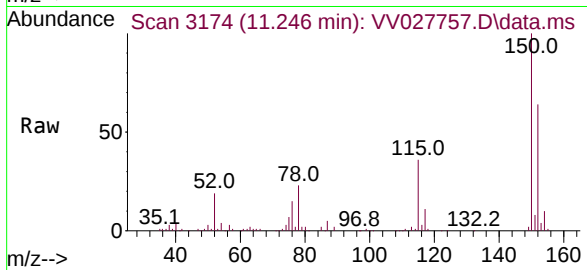
Acq: 06 Sep 2022 21:42

Instrument :

MSVOA_V

ClientSampleId :

DBVE7DL



Tgt Ion: 75 Resp: 6866

Ion Ratio Lower Upper

75 100

77 32.4 27.6 41.4

110 2.1 35.6 53.4#

