

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030822\
 Data File : VW024866.D
 Acq On : 08 Mar 2022 12:43
 Operator : SY/MD
 Sample : N1811-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 09 05:03:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 09 05:01:56 2022
 Response via : Initial Calibration

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

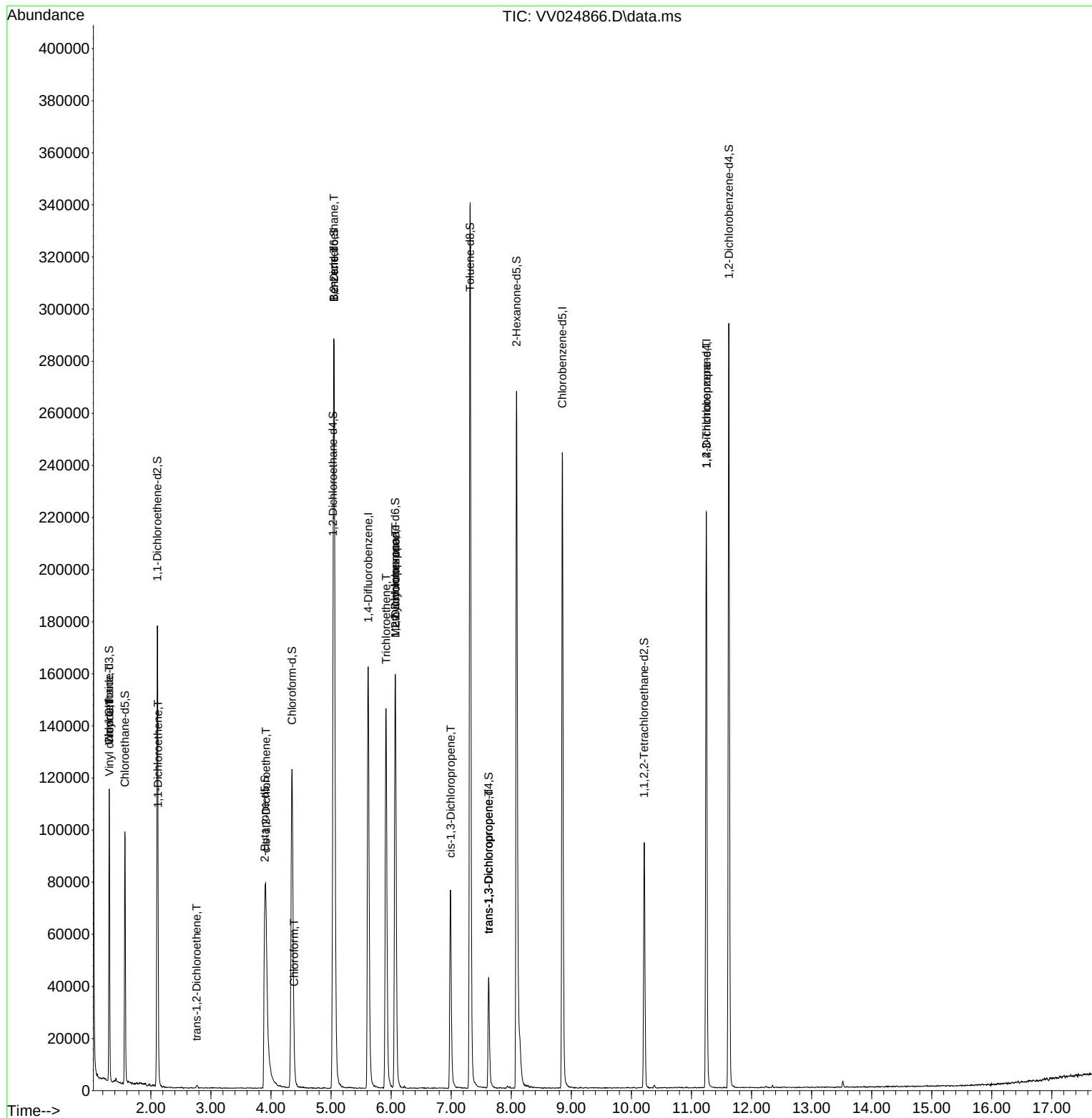
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	146607	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	136151	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55651	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	69711	5.606	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.200%
7) Chloroethane-d5	1.568	69	61695	6.048	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	121.000%
11) 1,1-Dichloroethene-d2	2.108	63	92691	4.068	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.400%
20) 2-Butanone-d5	3.895	46	133677	75.260	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	150.520%#
24) Chloroform-d	4.349	84	131893	6.797	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	136.000%#
26) 1,2-Dichloroethane-d4	5.034	65	59118	6.835	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	136.800%#
32) Benzene-d6	5.050	84	278344	7.086	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	141.800%#
36) 1,2-Dichloropropane-d6	6.069	67	83253	7.202	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	144.000%#
41) Toluene-d8	7.316	98	236102	6.615	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	132.400%#
43) trans-1,3-Dichloroprop...	7.622	79	26928	6.993	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	139.800%#
46) 2-Hexanone-d5	8.088	63	100588	66.387	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.780%#
56) 1,1,2,2-Tetrachloroeth...	10.213	84	48375	6.944	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	138.800%#
66) 1,2-Dichlorobenzene-d4	11.622	152	72349	7.513	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	150.200%#
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	915	0.058	ug/L #	1
8) Chloroethane	1.307	64	991	0.103	ug/L #	1
12) 1,1-Dichloroethene	2.121	96	1737	0.152	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	446	0.040	ug/L	85
22) cis-1,2-Dichloroethene	3.915	96	17222	1.461	ug/L	96
25) Chloroform	4.384	83	2309	0.108	ug/L	83
27) 1,2-Dichloroethane	5.050	62	1351	0.119	ug/L #	73
33) Benzene	5.050	78	2000	0.043	ug/L	100
34) Trichloroethene	5.915	95	52761	4.321	ug/L	92
35) Methylcyclohexane	6.072	83	19333	0.980	ug/L #	19
37) 1,2-Dichloropropane	6.072	63	8599	0.790	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1733	0.115	ug/L #	68
44) trans-1,3-Dichloropropene	7.625	75	1137	0.094	ug/L #	82
61) 1,2,3-Trichloropropane	11.249	75	7373	1.462	ug/L #	66

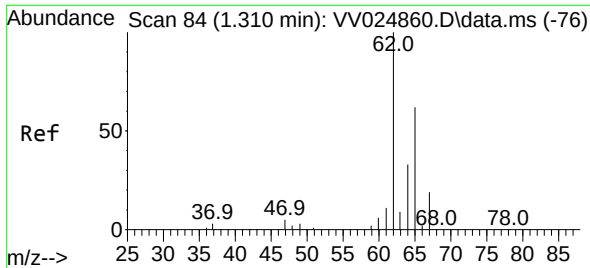
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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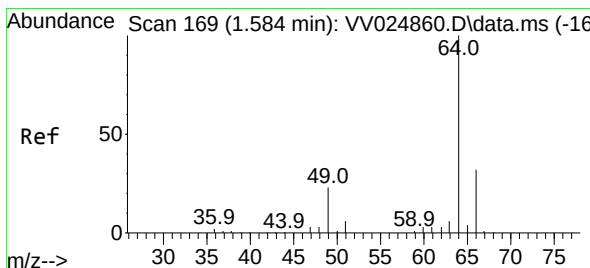
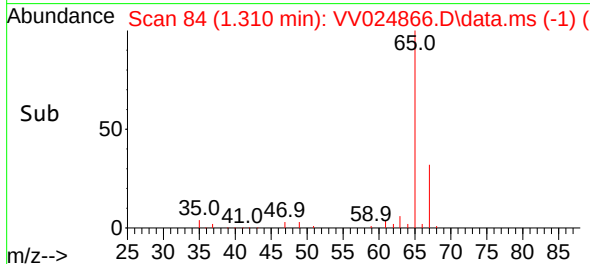
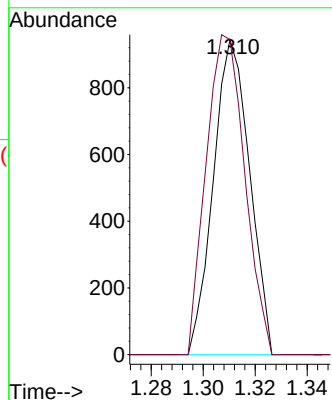
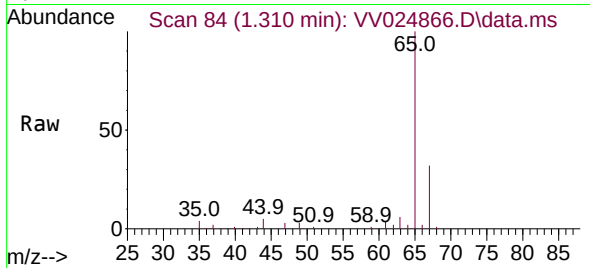




#5
 Vinyl chloride
 Concen: 0.058 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024866.D
 Acq: 08 Mar 2022 12:43

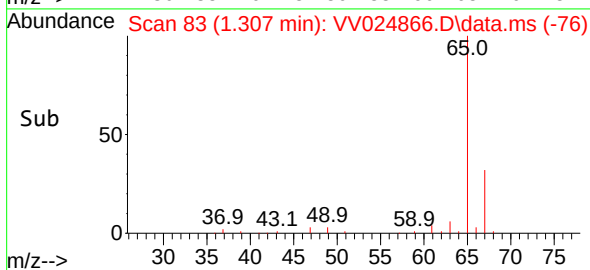
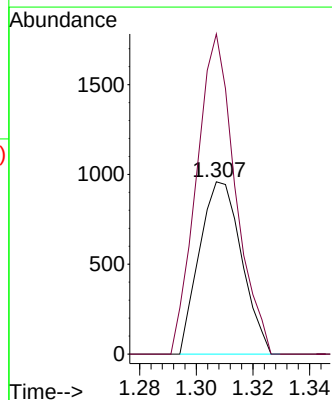
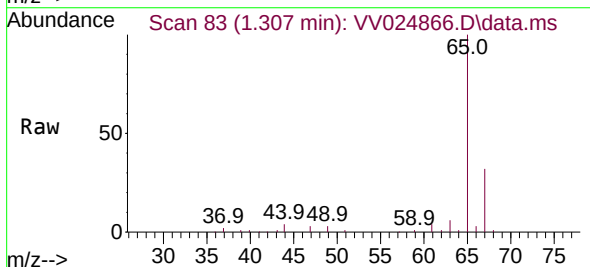
Instrument :
 MSVOA_V
 ClientSampleId :

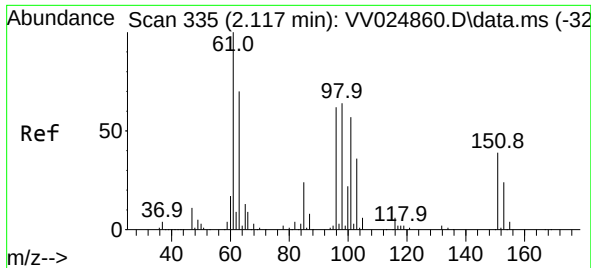
Tgt Ion: 62 Resp: 915
 Ion Ratio Lower Upper
 62 100
 64 100.0 22.2 41.2#



#8
 Chloroethane
 Concen: 0.103 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.277 min
 Lab File: VV024866.D
 Acq: 08 Mar 2022 12:43

Tgt Ion: 64 Resp: 991
 Ion Ratio Lower Upper
 64 100
 66 185.8 22.5 41.9#

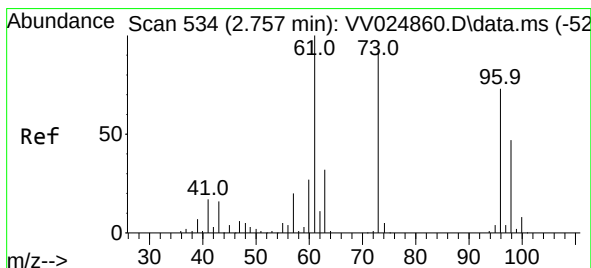
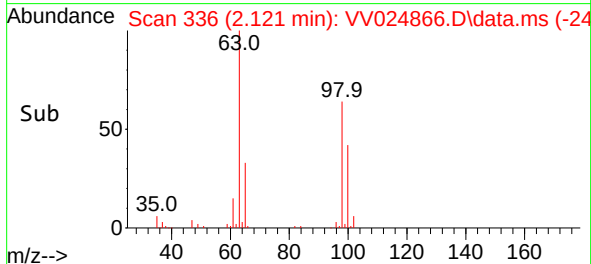
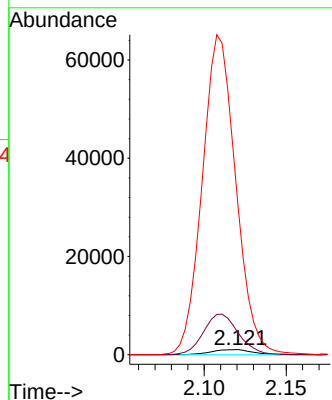
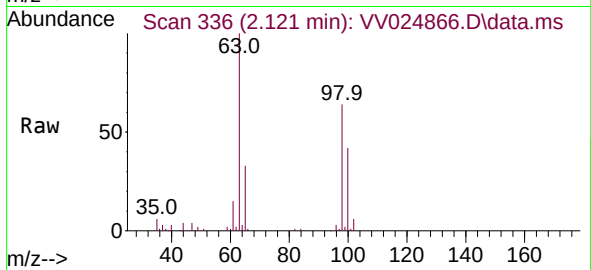




#12
1,1-Dichloroethene
Concen: 0.152 ug/L
RT: 2.121 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV024866.D
Acq: 08 Mar 2022 12:43

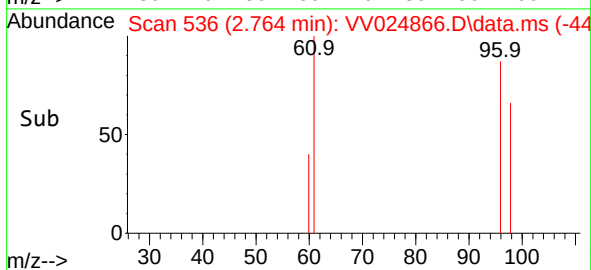
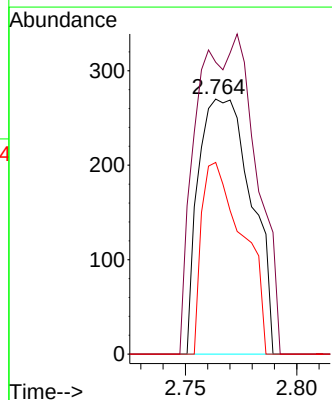
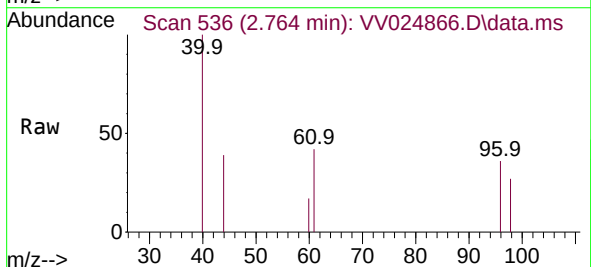
Instrument :
MSVOA_V
ClientSampleId :

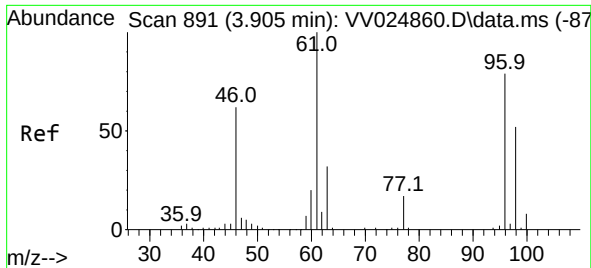
Tgt Ion: 96 Resp: 1737
Ion Ratio Lower Upper
96 100
61 431.8 116.3 216.1#
63 2944.4 86.0 159.6#



#18
trans-1,2-Dichloroethene
Concen: 0.040 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.006 min
Lab File: VV024866.D
Acq: 08 Mar 2022 12:43

Tgt Ion: 96 Resp: 446
Ion Ratio Lower Upper
96 100
61 114.4 92.9 172.5
98 75.2 44.5 82.7

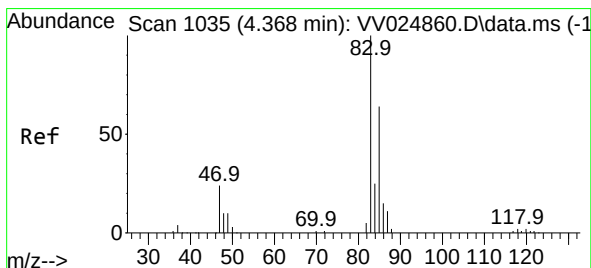
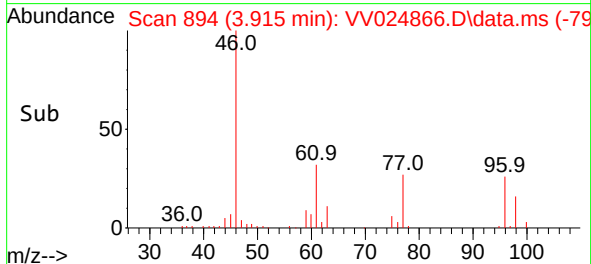
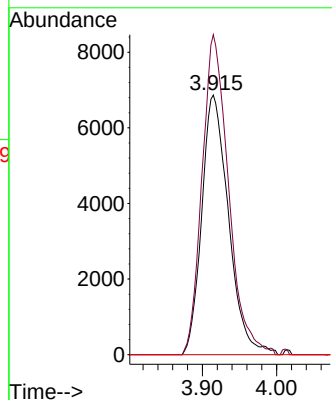
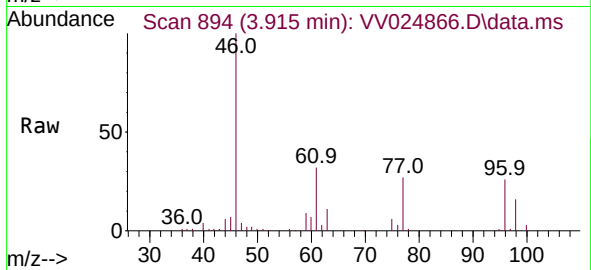




#22
 cis-1,2-Dichloroethene
 Concen: 1.461 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV024866.D
 Acq: 08 Mar 2022 12:43

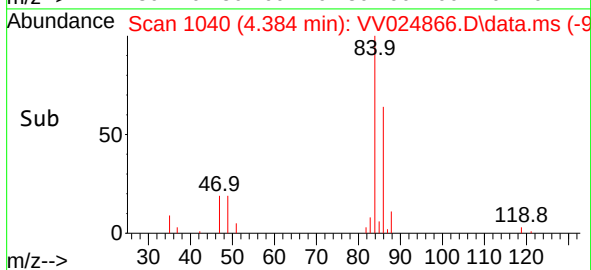
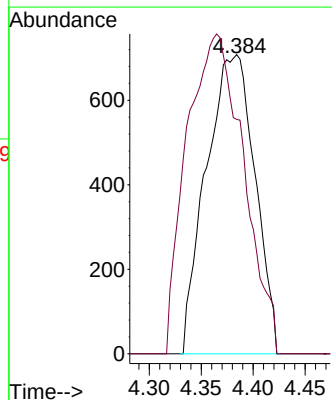
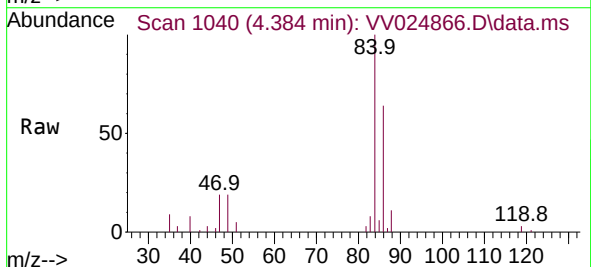
Instrument :
 MSVOA_V
 ClientSampleId :

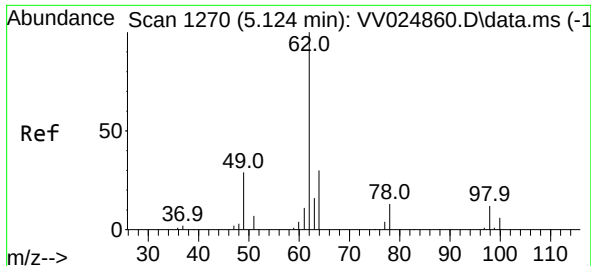
Tgt Ion: 96 Resp: 17222
 Ion Ratio Lower Upper
 96 100
 61 123.2 89.7 166.5
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.108 ug/L
 RT: 4.384 min Scan# 1040
 Delta R.T. 0.016 min
 Lab File: VV024866.D
 Acq: 08 Mar 2022 12:43

Tgt Ion: 83 Resp: 2309
 Ion Ratio Lower Upper
 83 100
 85 78.4 45.5 84.5





#27

1,2-Dichloroethane

Concen: 0.119 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.074 min

Lab File: VV024866.D

Acq: 08 Mar 2022 12:43

Instrument :

MSVOA_V

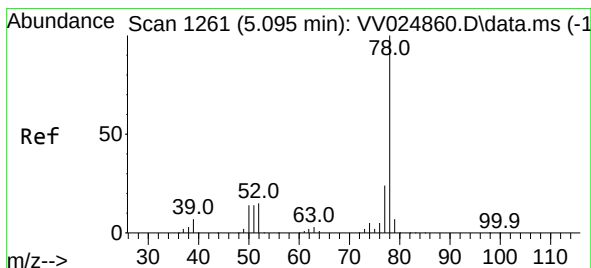
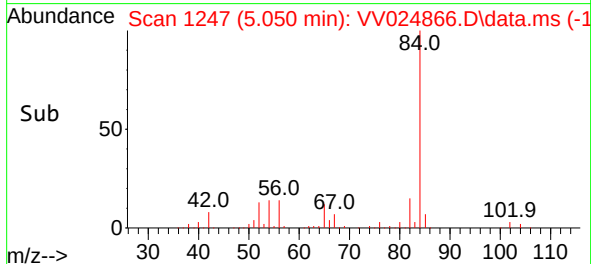
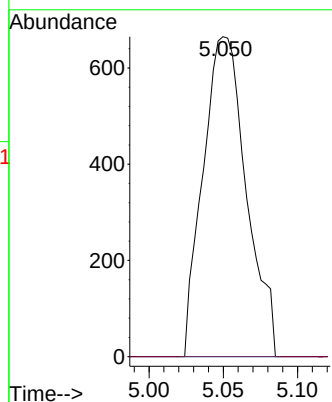
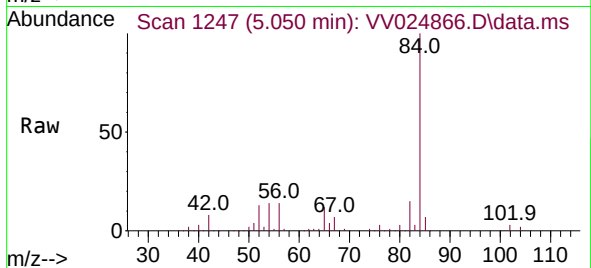
ClientSampleId :

Tgt Ion: 62 Resp: 1351

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#33

Benzene

Concen: 0.043 ug/L

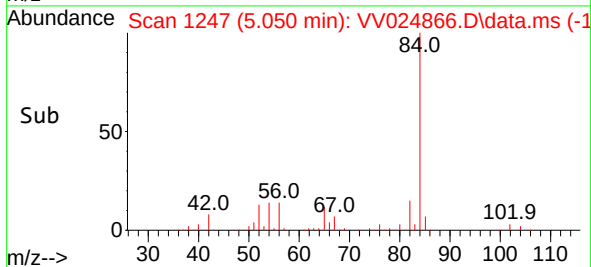
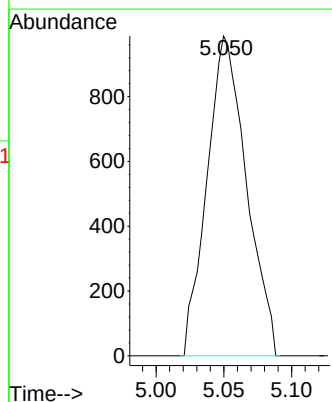
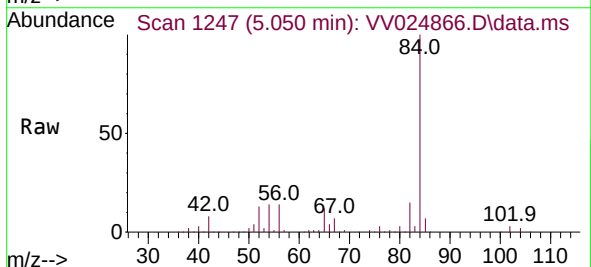
RT: 5.050 min Scan# 1247

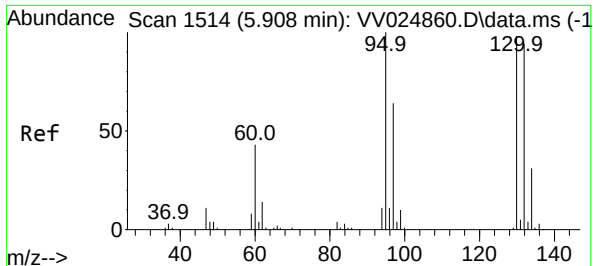
Delta R.T. -0.045 min

Lab File: VV024866.D

Acq: 08 Mar 2022 12:43

Tgt Ion: 78 Resp: 2000

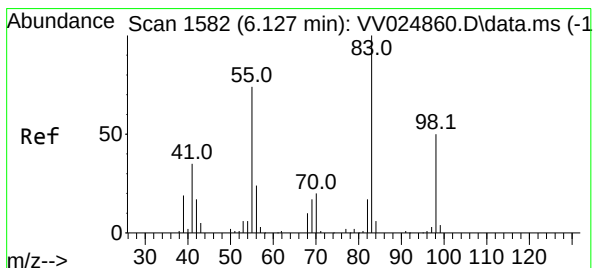
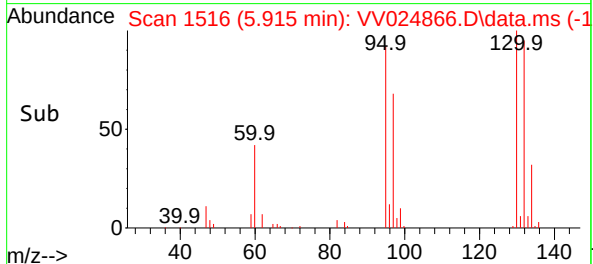
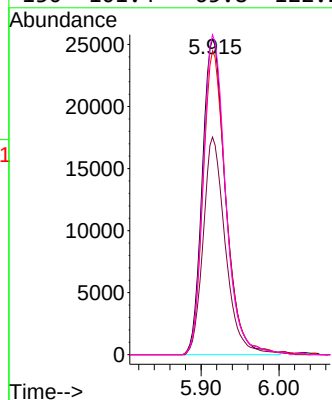
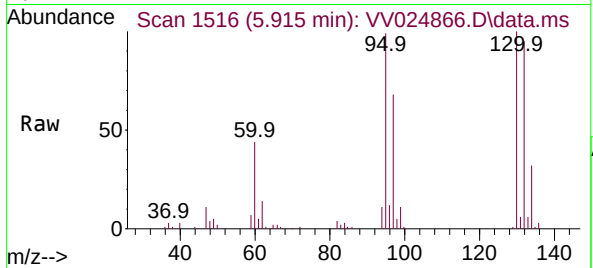




#34
Trichloroethene
Concen: 4.321 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV024866.D
Acq: 08 Mar 2022 12:43

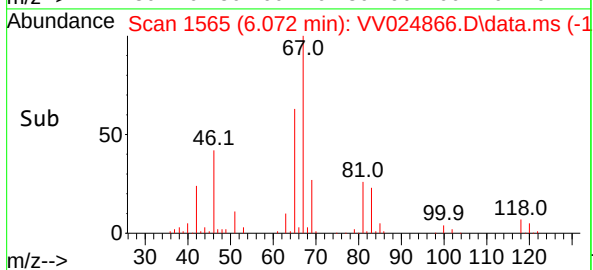
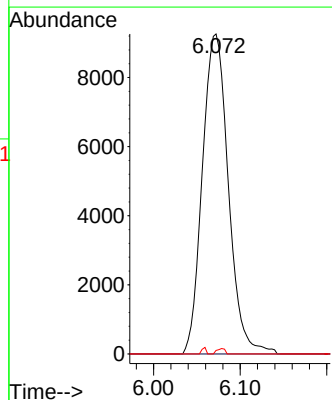
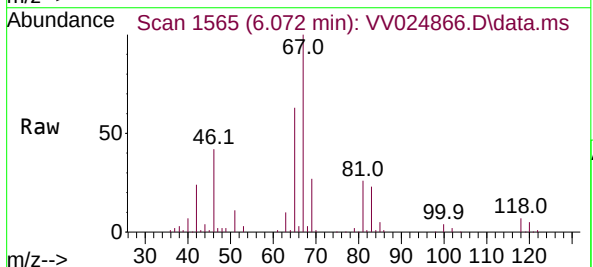
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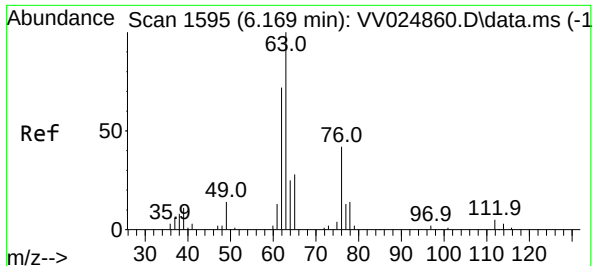
Tgt Ion: 95 Resp: 52761
Ion Ratio Lower Upper
95 100
97 69.0 44.2 82.0
132 96.3 62.1 115.3
130 101.4 65.8 122.2



#35
Methylcyclohexane
Concen: 0.980 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV024866.D
Acq: 08 Mar 2022 12:43

Tgt Ion: 83 Resp: 19333
Ion Ratio Lower Upper
83 100
55 0.0 58.8 88.2#
98 0.5 38.6 58.0#





#37

1,2-Dichloropropane

Concen: 0.790 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.096 min

Lab File: VV024866.D

Acq: 08 Mar 2022 12:43

Instrument :

MSVOA_V

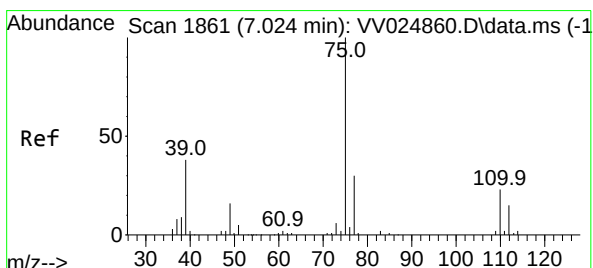
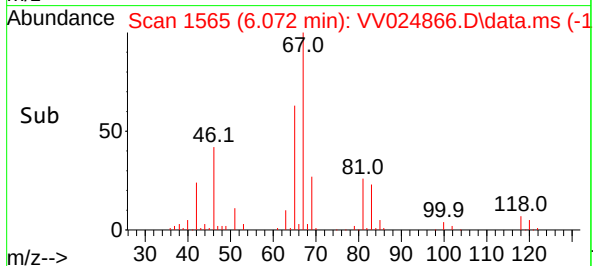
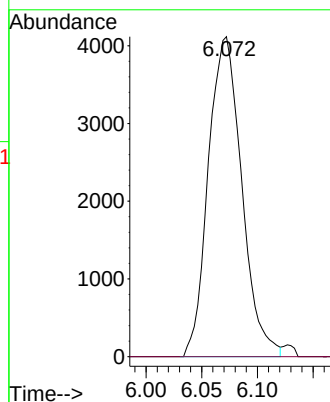
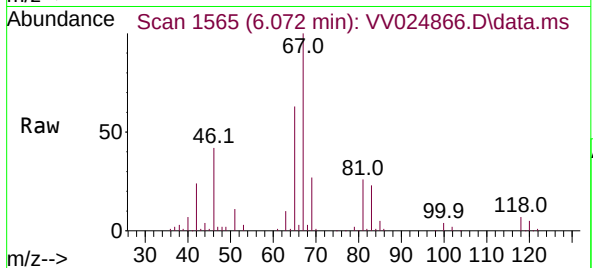
ClientSampleId :

Tgt Ion: 63 Resp: 8599

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV024866.D

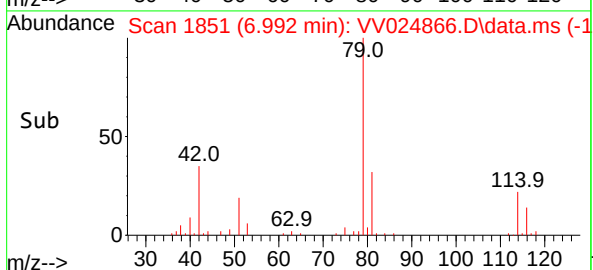
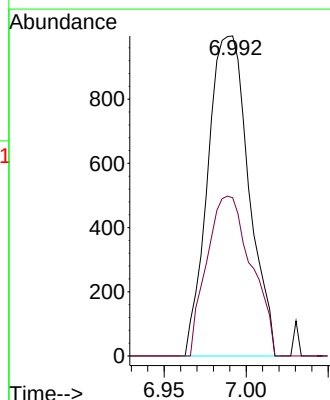
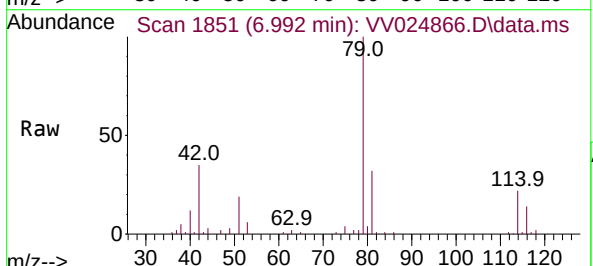
Acq: 08 Mar 2022 12:43

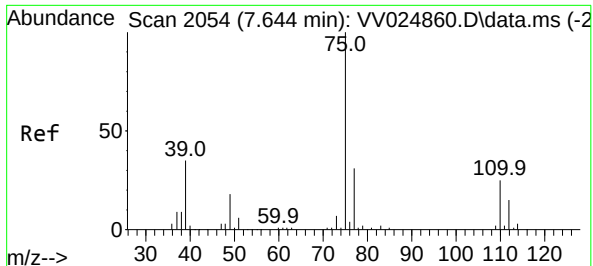
Tgt Ion: 75 Resp: 1733

Ion Ratio Lower Upper

75 100

77 49.4 22.3 41.5#

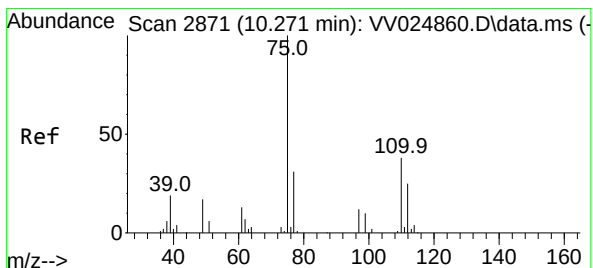
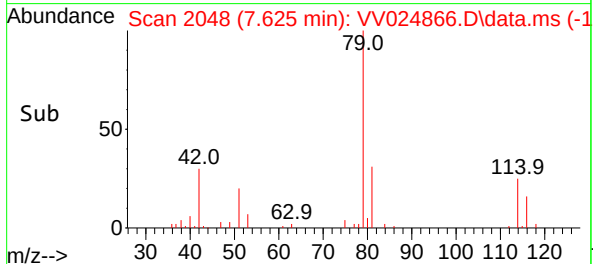
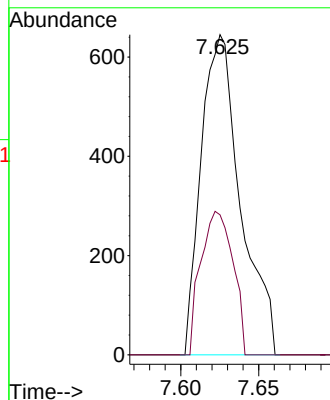
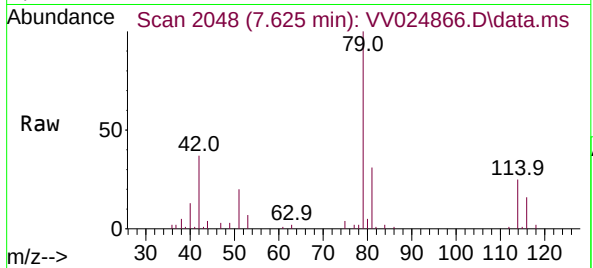




#44
trans-1,3-Dichloropropene
Concen: 0.094 ug/L
RT: 7.625 min Scan# 2054
Delta R.T. -0.019 min
Lab File: VV024866.D
Acq: 08 Mar 2022 12:43

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 1137
Ion Ratio Lower Upper
75 100
77 43.7 23.5 43.7#



#61
1,2,3-Trichloropropane
Concen: 1.462 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV024866.D
Acq: 08 Mar 2022 12:43

Tgt Ion: 75 Resp: 7373
Ion Ratio Lower Upper
75 100
77 31.6 26.3 39.5
110 0.6 30.3 45.5#

