

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030822\
 Data File : VW024874.D
 Acq On : 08 Mar 2022 15:50
 Operator : SY/MD
 Sample : N1811-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 09 05:05:12 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)

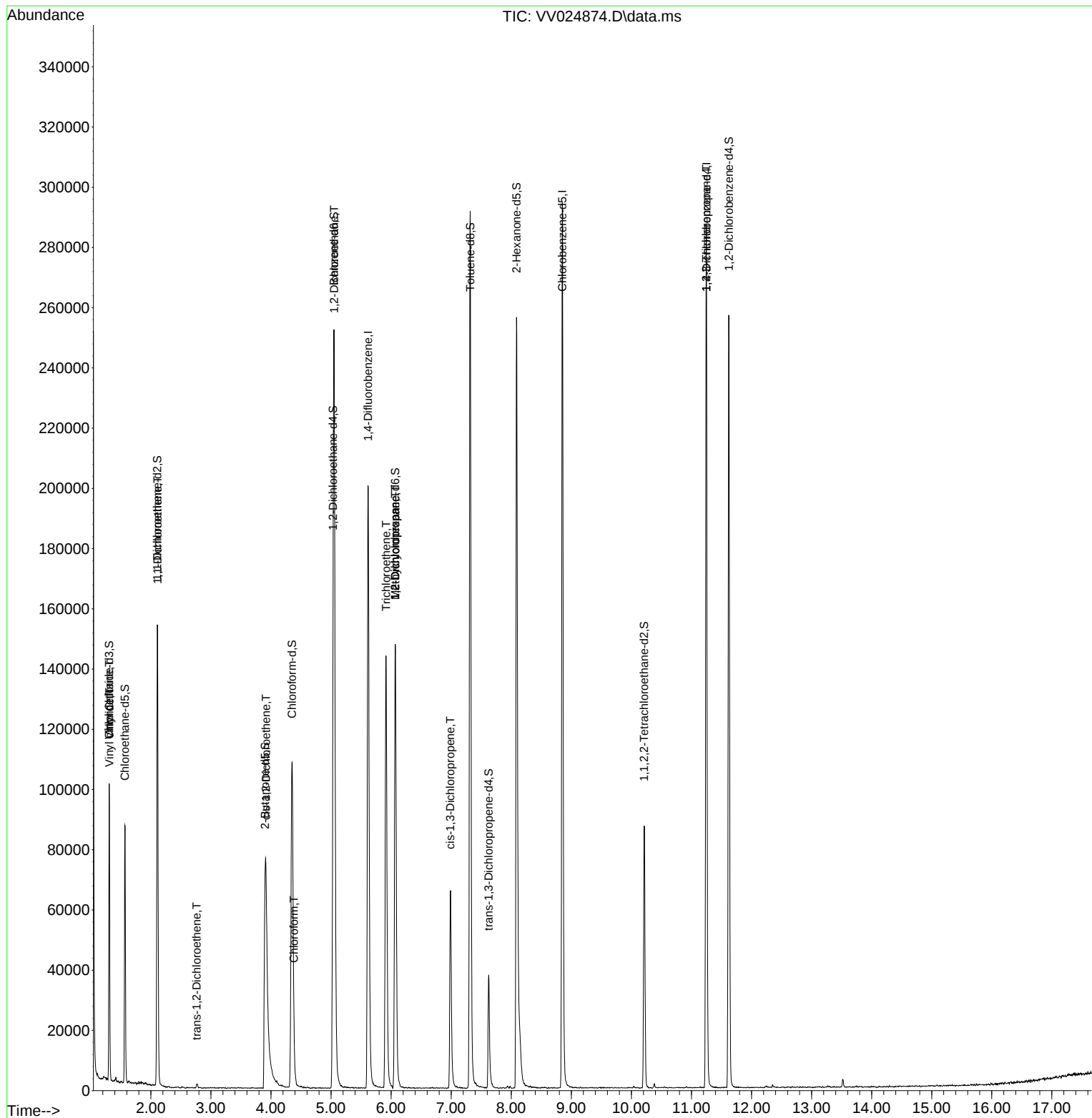
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	181184	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	164930	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73104	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61640	4.011	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.568	69	54852	4.351	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.000%
11) 1,1-Dichloroethene-d2	2.108	63	79751	2.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.600%#
20) 2-Butanone-d5	3.902	46	127055	57.881	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.760%
24) Chloroform-d	4.349	84	118727	4.951	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
26) 1,2-Dichloroethane-d4	5.034	65	53857	5.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.050	84	243752	5.123	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.069	67	76464	5.461	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.200%
41) Toluene-d8	7.317	98	201732	4.666	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.400%
43) trans-1,3-Dichloroprop...	7.625	79	23493	5.036	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.800%
46) 2-Hexanone-d5	8.088	63	96936	52.813	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.620%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45311	5.369	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	64339	5.086	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.310	62	849	0.044	ug/L #	1
8) Chloroethane	1.307	64	954	0.080	ug/L #	1
12) 1,1-Dichloroethene	2.111	96	1630	0.116	ug/L #	1
18) trans-1,2-Dichloroethene	2.764	96	568	0.041	ug/L	81
22) cis-1,2-Dichloroethene	3.915	96	16543	1.136	ug/L	93
25) Chloroform	4.381	83	2136	0.081	ug/L	82
27) 1,2-Dichloroethane	5.053	62	1119	0.080	ug/L #	73
34) Trichloroethene	5.915	95	52533	3.551	ug/L	97
35) Methylcyclohexane	6.069	83	18184	0.761	ug/L #	20
37) 1,2-Dichloropropane	6.069	63	8112	0.615	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	1502	0.082	ug/L #	60
61) 1,2,3-Trichloropropane	11.246	75	9636	1.454	ug/L #	66

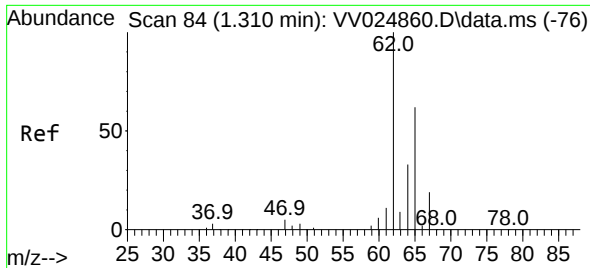
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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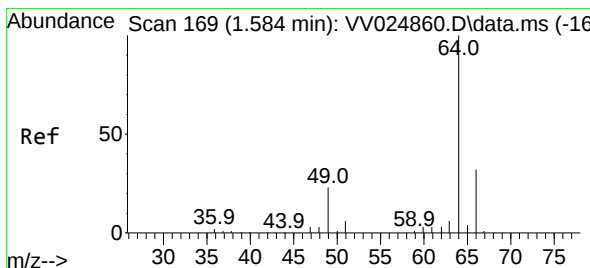
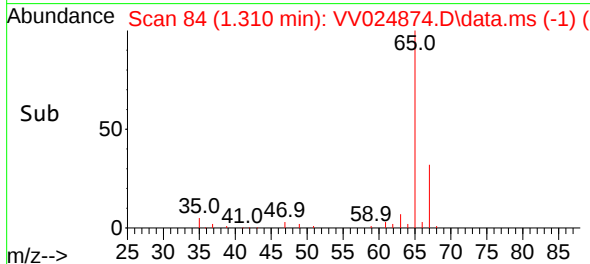
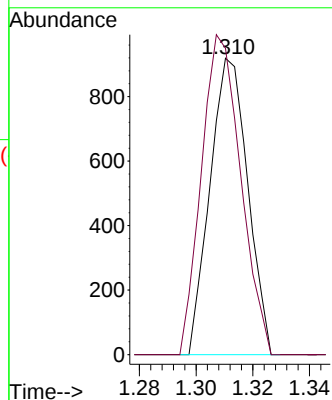
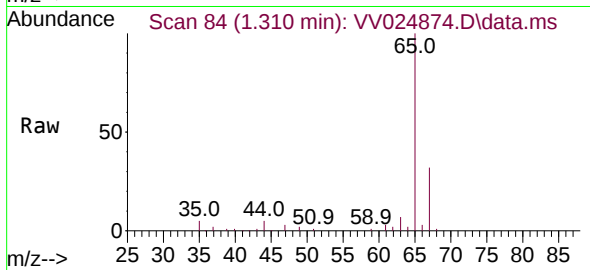




#5
 Vinyl chloride
 Concen: 0.044 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV024874.D
 Acq: 08 Mar 2022 15:50

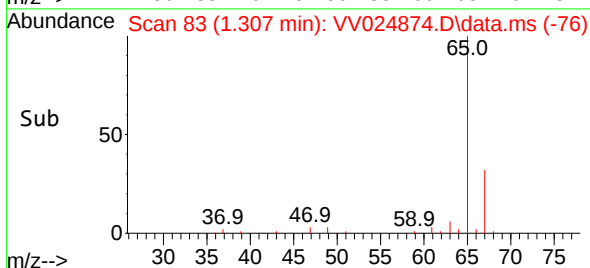
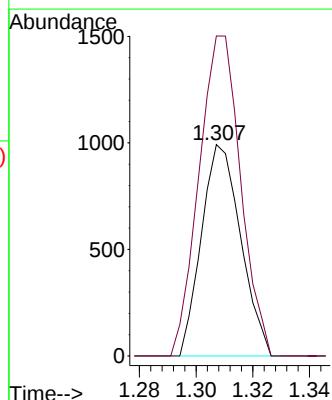
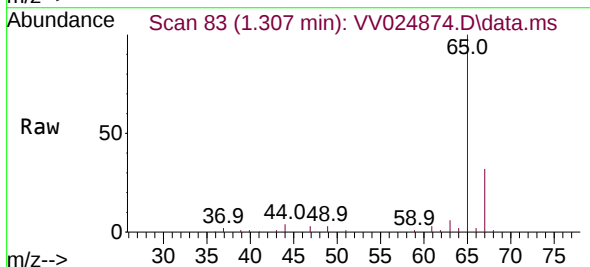
Instrument :
 MSVOA_V
 ClientSampleId :

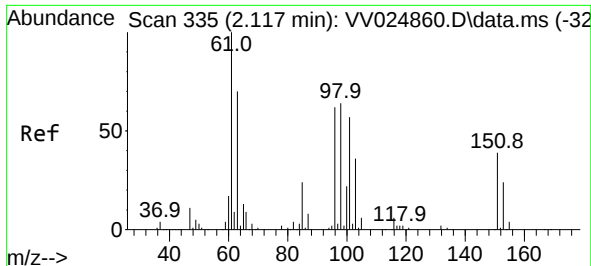
Tgt Ion: 62 Resp: 849
 Ion Ratio Lower Upper
 62 100
 64 103.4 22.2 41.2#



#8
 Chloroethane
 Concen: 0.080 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. -0.276 min
 Lab File: VV024874.D
 Acq: 08 Mar 2022 15:50

Tgt Ion: 64 Resp: 954
 Ion Ratio Lower Upper
 64 100
 66 151.4 22.5 41.9#





#12

1,1-Dichloroethene

Concen: 0.116 ug/L

RT: 2.111 min Scan# 311

Delta R.T. -0.006 min

Lab File: VV024874.D

Acq: 08 Mar 2022 15:50

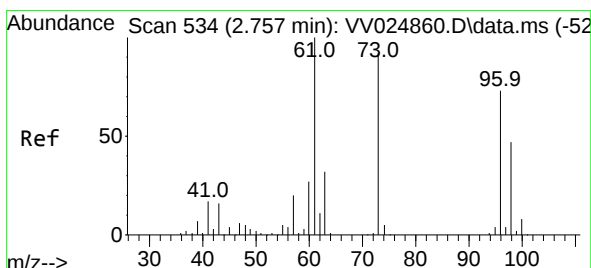
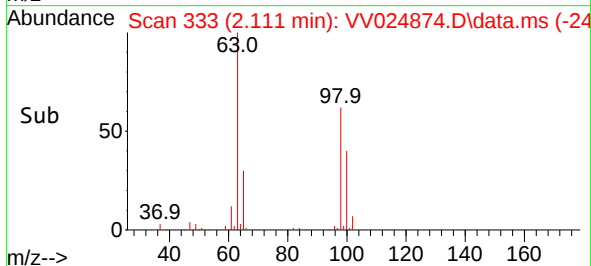
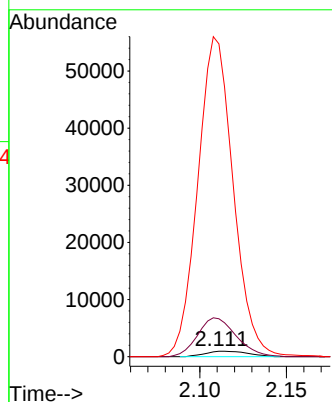
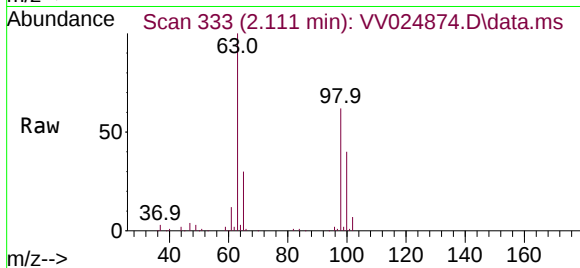
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 1630

Ion	Ratio	Lower	Upper
96	100		
61	690.0	116.3	216.1#
63	5695.7	86.0	159.6#



#18

trans-1,2-Dichloroethene

Concen: 0.041 ug/L

RT: 2.764 min Scan# 536

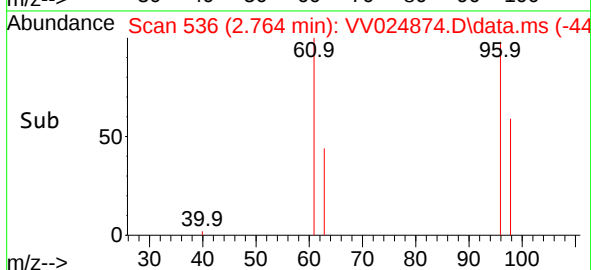
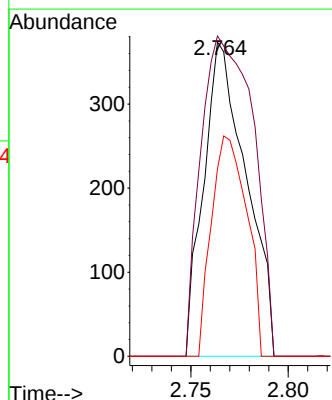
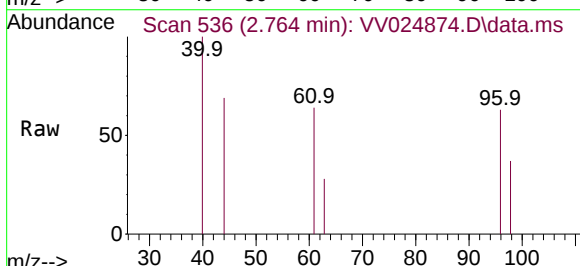
Delta R.T. 0.006 min

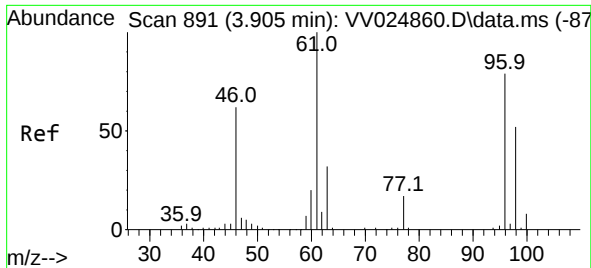
Lab File: VV024874.D

Acq: 08 Mar 2022 15:50

Tgt Ion: 96 Resp: 568

Ion	Ratio	Lower	Upper
96	100		
61	101.9	92.9	172.5
98	59.6	44.5	82.7

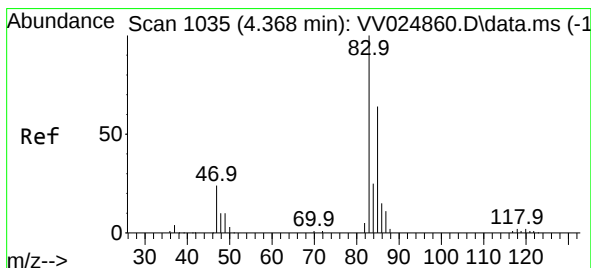
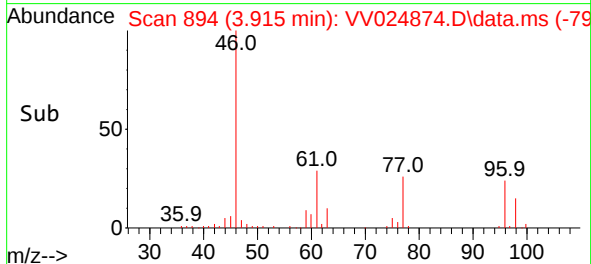
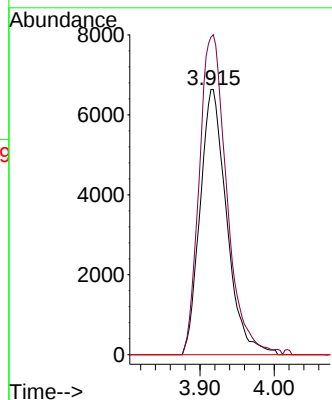
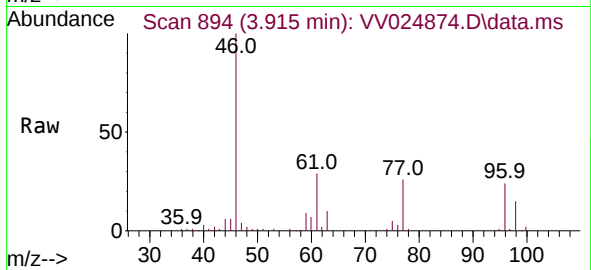




#22
 cis-1,2-Dichloroethene
 Concen: 1.136 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV024874.D
 Acq: 08 Mar 2022 15:50

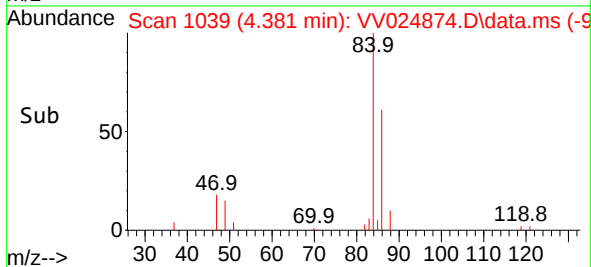
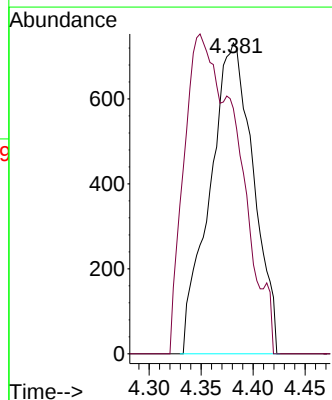
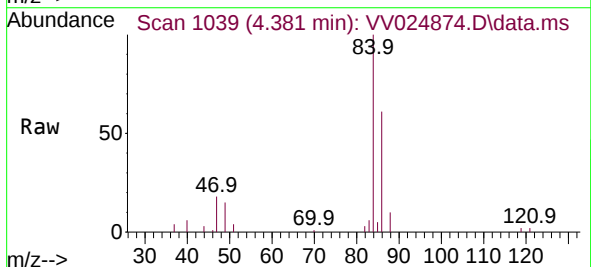
Instrument :
 MSVOA_V
 ClientSampleId :

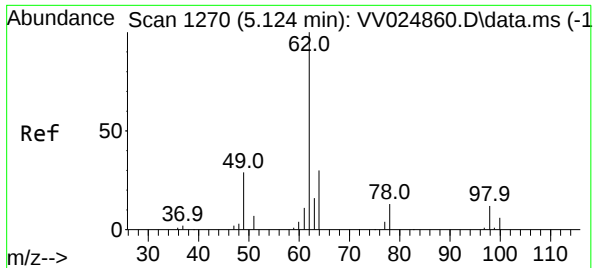
Tgt Ion: 96 Resp: 16543
 Ion Ratio Lower Upper
 96 100
 61 119.8 89.7 166.5
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.081 ug/L
 RT: 4.381 min Scan# 1039
 Delta R.T. 0.013 min
 Lab File: VV024874.D
 Acq: 08 Mar 2022 15:50

Tgt Ion: 83 Resp: 2136
 Ion Ratio Lower Upper
 83 100
 85 79.0 45.5 84.5





#27

1,2-Dichloroethane

Concen: 0.080 ug/L

RT: 5.053 min Scan# 1119

Delta R.T. -0.071 min

Lab File: VV024874.D

Acq: 08 Mar 2022 15:50

Instrument :

MSVOA_V

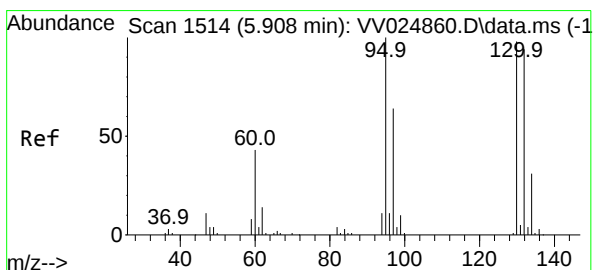
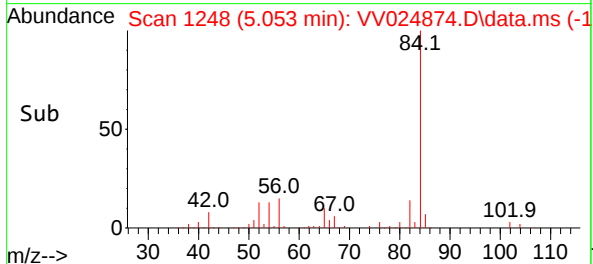
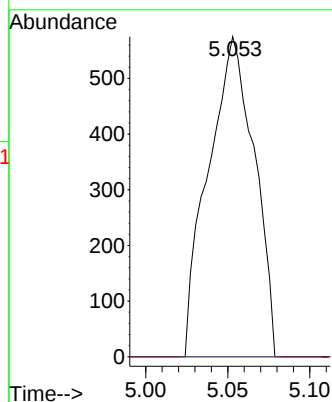
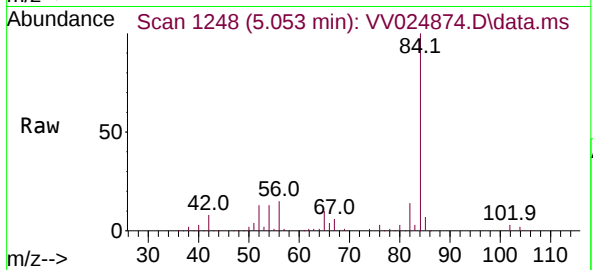
ClientSampleId :

Tgt Ion: 62 Resp: 1119

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.2#



#34

Trichloroethene

Concen: 3.551 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV024874.D

Acq: 08 Mar 2022 15:50

Tgt Ion: 95 Resp: 52533

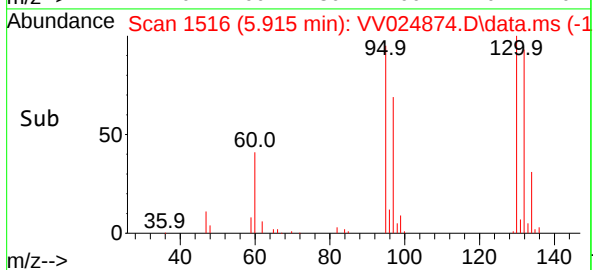
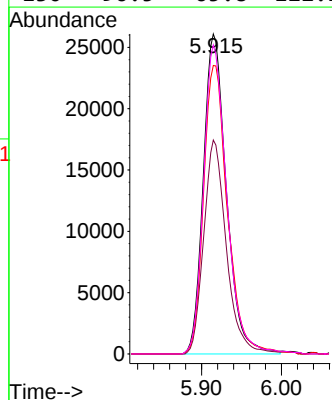
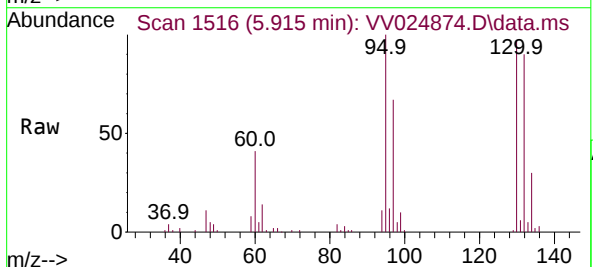
Ion Ratio Lower Upper

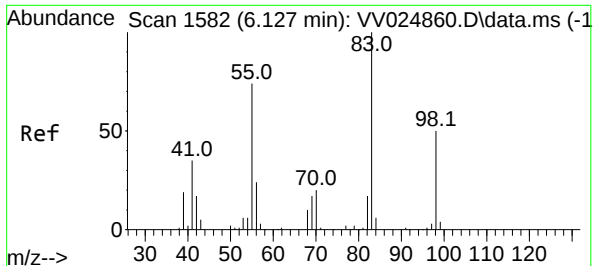
95 100

97 66.8 44.2 82.0

132 90.2 62.1 115.3

130 96.5 65.8 122.2





#35

Methylcyclohexane

Concen: 0.761 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV024874.D

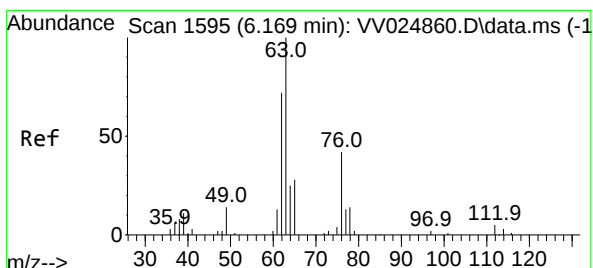
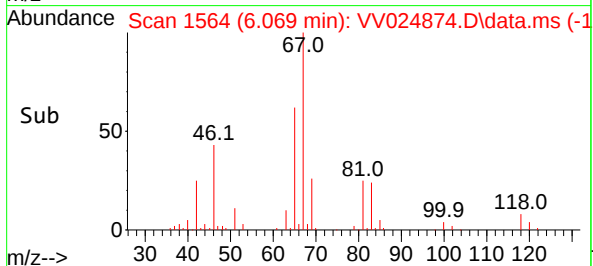
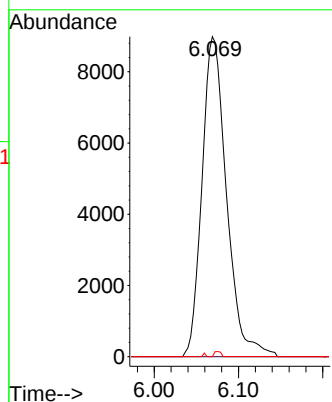
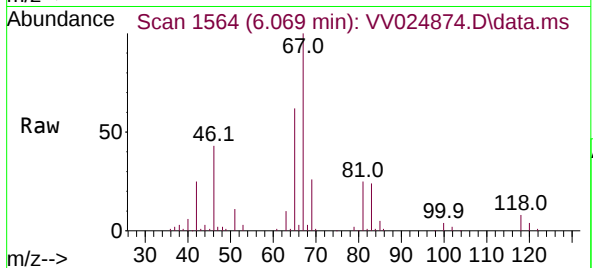
Acq: 08 Mar 2022 15:50

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	83	Resp:	18184
Ion	Ratio	Lower	Upper
83	100		
55	0.0	58.8	88.2#
98	1.7	38.6	58.0#



#37

1,2-Dichloropropane

Concen: 0.615 ug/L

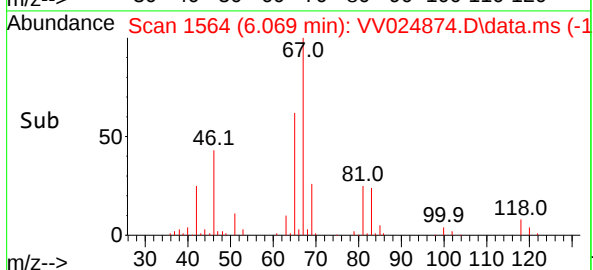
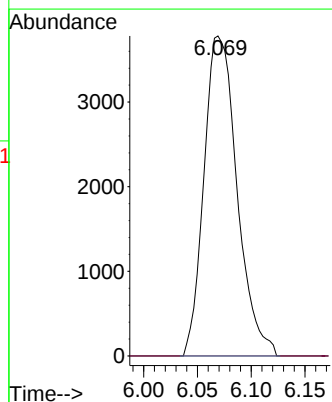
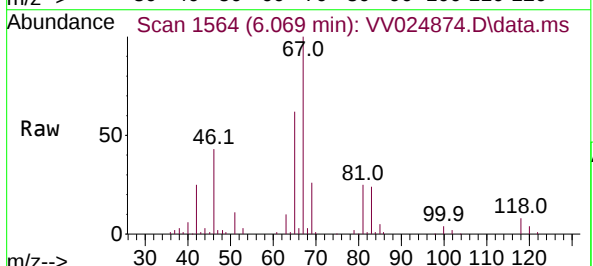
RT: 6.069 min Scan# 1564

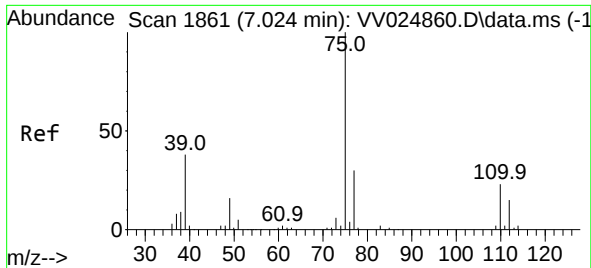
Delta R.T. -0.100 min

Lab File: VV024874.D

Acq: 08 Mar 2022 15:50

Tgt Ion:	63	Resp:	8112
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV024874.D

Acq: 08 Mar 2022 15:50

Instrument :

MSVOA_V

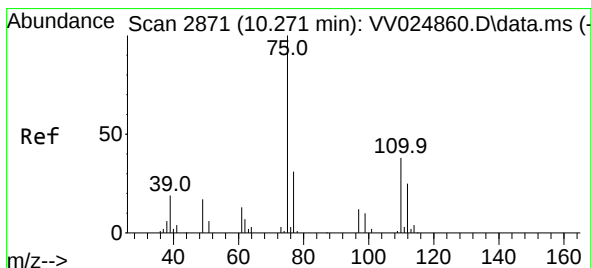
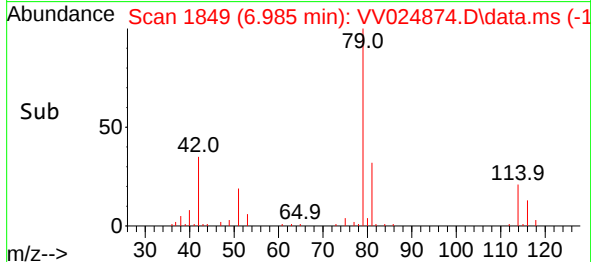
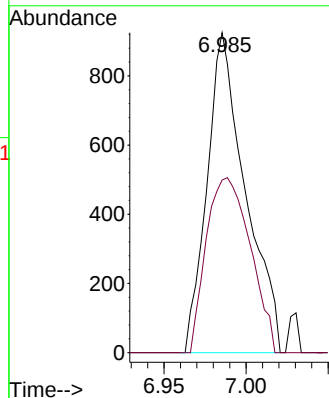
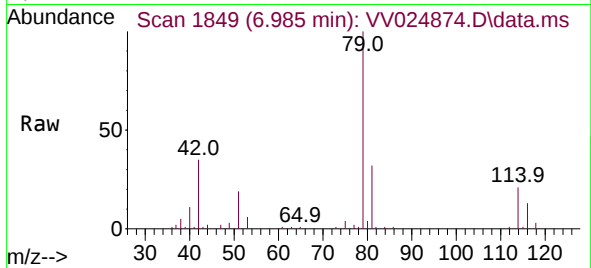
ClientSampleId :

Tgt Ion: 75 Resp: 1502

Ion Ratio Lower Upper

75 100

77 53.9 22.3 41.5#



#61

1,2,3-Trichloropropane

Concen: 1.454 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV024874.D

Acq: 08 Mar 2022 15:50

Tgt Ion: 75 Resp: 9636

Ion Ratio Lower Upper

75 100

77 30.7 26.3 39.5

110 1.6 30.3 45.5#

