

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111821\
 Data File : VW023611.D
 Acq On : 18 Nov 2021 18:04
 Operator : SY/MD
 Sample : M4694-02DL 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 19 04:08:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 19 03:51:44 2021
 Response via : Initial Calibration

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

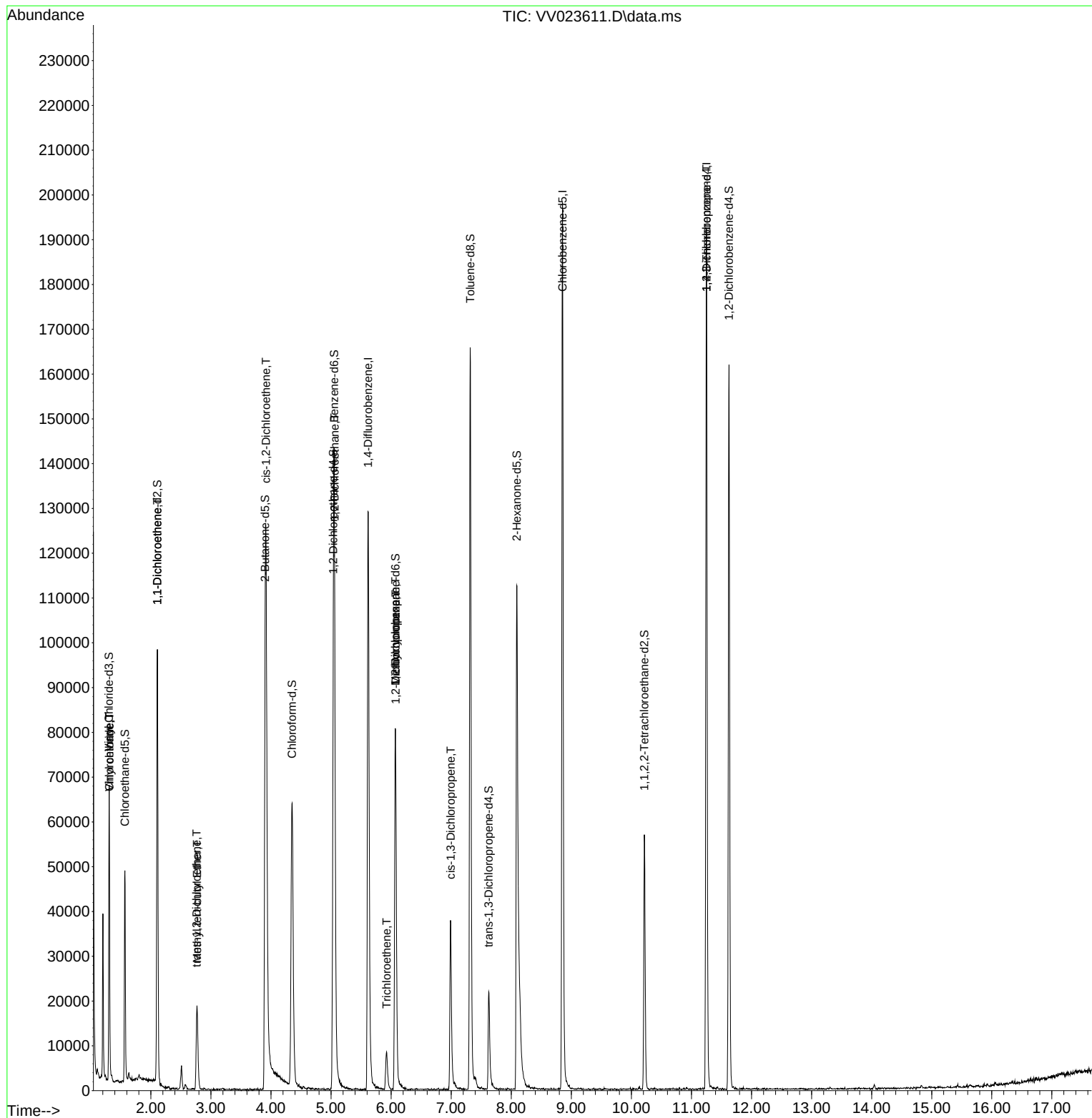
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	115657	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	112913	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	52034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34529	4.766	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.568	69	28372	4.805	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.108	63	50367	3.713	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.200%
20) 2-Butanone-d5	3.902	46	35658	28.566	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	57.140%
24) Chloroform-d	4.352	84	67960	4.401	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.000%
26) 1,2-Dichloroethane-d4	5.037	65	32941	4.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.800%
32) Benzene-d6	5.053	84	130304	4.498	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
36) 1,2-Dichloropropane-d6	6.072	67	37644	4.414	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.200%
41) Toluene-d8	7.317	98	111857	4.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.400%
43) trans-1,3-Dichloroprop...	7.625	79	14517	4.489	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.800%
46) 2-Hexanone-d5	8.092	63	50427	42.383	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26691	4.352	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	42302	4.882	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.600%
Target Compounds						
5) Vinyl chloride	1.310	62	5333	0.557	ug/L #	80
8) Chloroethane	1.310	64	1860	0.337	ug/L	100
12) 1,1-Dichloroethene	2.108	96	615	0.089	ug/L #	1
17) Methyl tert-butyl Ether	2.770	73	10814	0.712	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	3317	0.391	ug/L	92
22) cis-1,2-Dichloroethene	3.915	96	66541	8.155	ug/L #	86
27) 1,2-Dichloroethane	5.059	62	752	0.093	ug/L #	72
34) Trichloroethene	5.928	95	3123	0.372	ug/L	94
35) Methylcyclohexane	6.072	83	9747	0.736	ug/L #	18
37) 1,2-Dichloropropane	6.076	63	4492	0.610	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	1057	0.100	ug/L	90
61) 1,2,3-Trichloropropane	11.249	75	5443	1.575	ug/L #	64

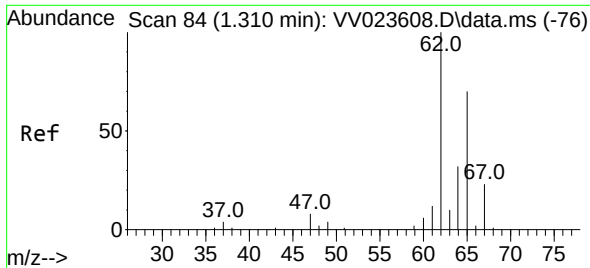
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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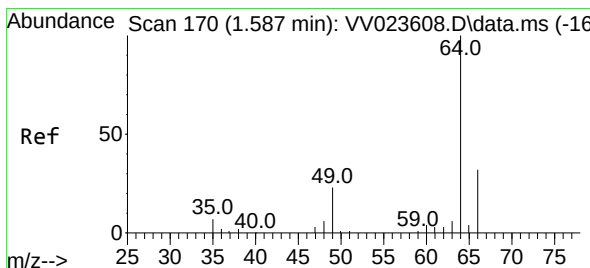
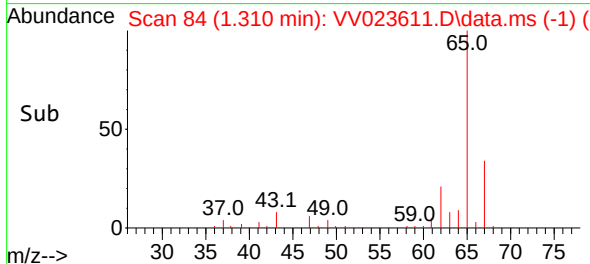
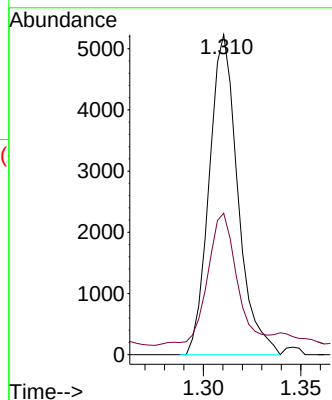
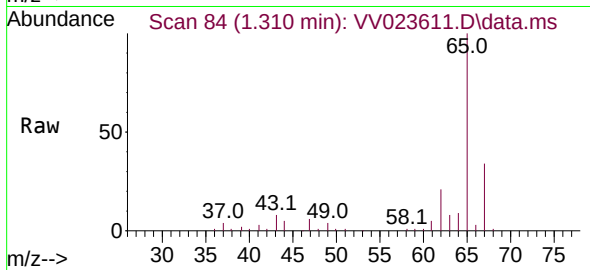




#5
 Vinyl chloride
 Concen: 0.557 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023611.D
 Acq: 18 Nov 2021 18:04

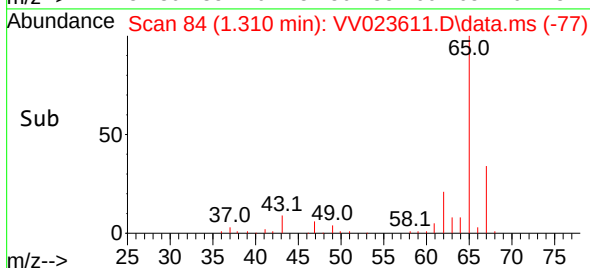
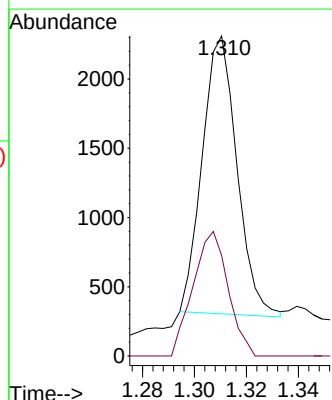
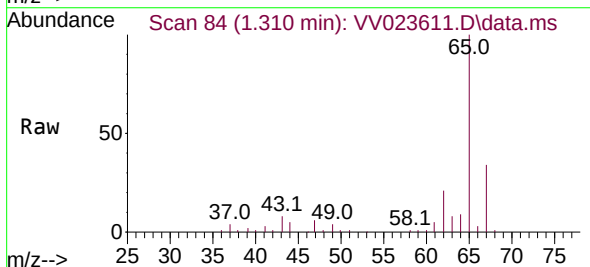
Instrument :
 MSVOA_V
 ClientSampleId :

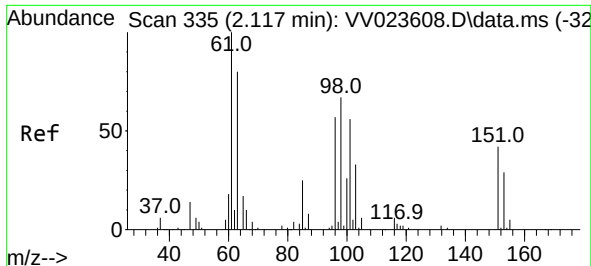
Tgt Ion: 62 Resp: 5333
 Ion Ratio Lower Upper
 62 100
 64 44.2 23.1 42.9#



#8
 Chloroethane
 Concen: 0.337 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.276 min
 Lab File: VV023611.D
 Acq: 18 Nov 2021 18:04

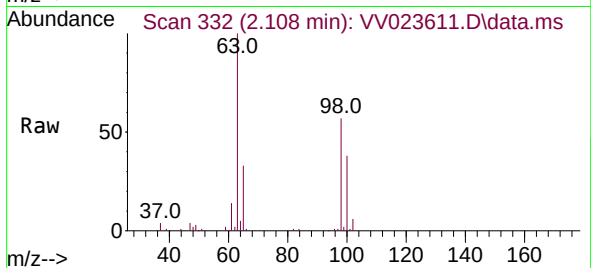
Tgt Ion: 64 Resp: 1860
 Ion Ratio Lower Upper
 64 100
 66 31.4 22.1 41.1



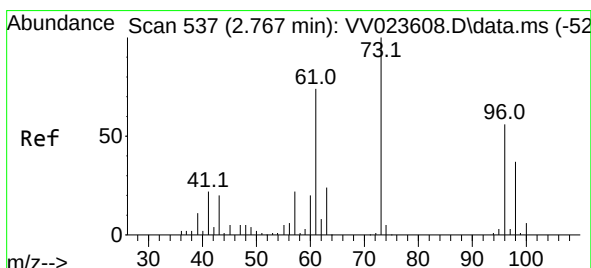
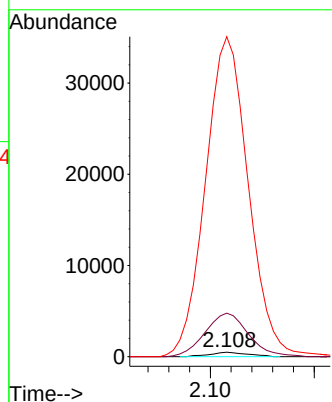
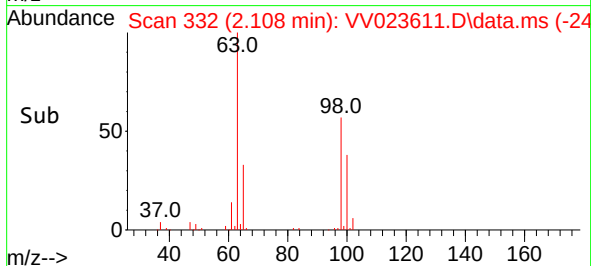


#12
1,1-Dichloroethene
Concen: 0.089 ug/L
RT: 2.108 min Scan# 311
Delta R.T. -0.010 min
Lab File: VV023611.D
Acq: 18 Nov 2021 18:04

Instrument :
MSVOA_V
ClientSampleId :

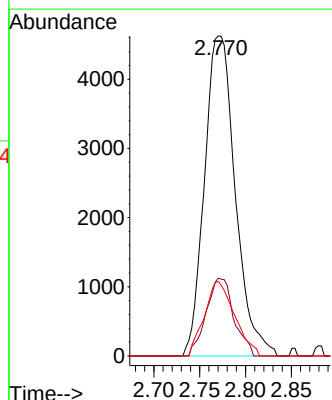
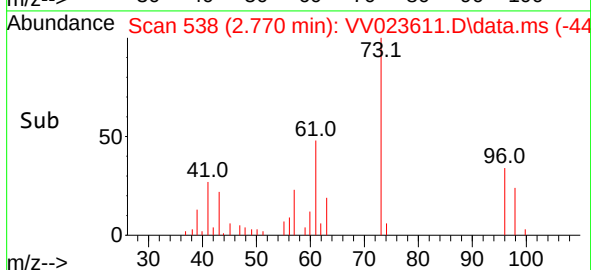
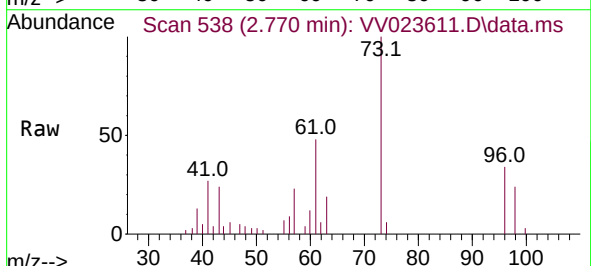


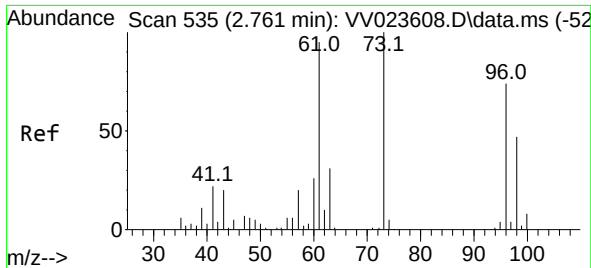
Tgt Ion: 96 Resp: 615
Ion Ratio Lower Upper
96 100
61 987.0 121.5 225.7#
63 7266.3 99.6 185.0#



#17
Methyl tert-butyl Ether
Concen: 0.712 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV023611.D
Acq: 18 Nov 2021 18:04

Tgt Ion: 73 Resp: 10814
Ion Ratio Lower Upper
73 100
43 21.8 17.4 26.0
57 22.8 16.5 24.7

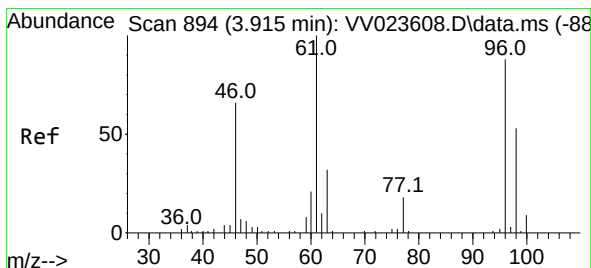
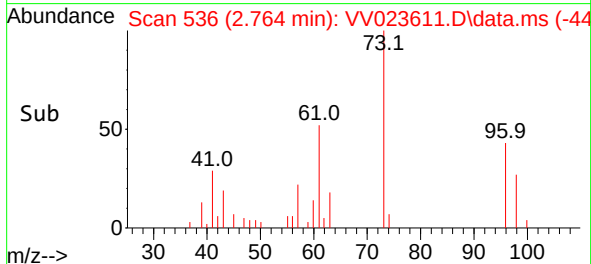
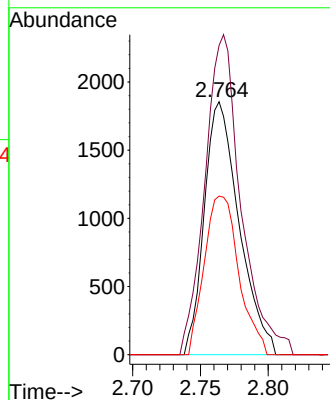
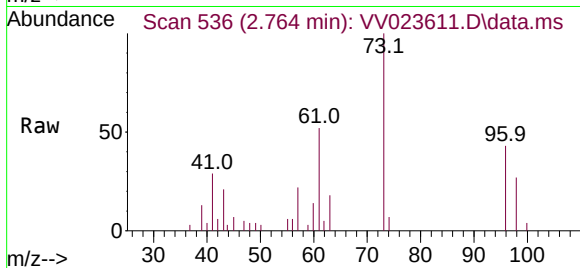




#18
trans-1,2-Dichloroethene
Concen: 0.391 ug/L
RT: 2.764 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV023611.D
Acq: 18 Nov 2021 18:04

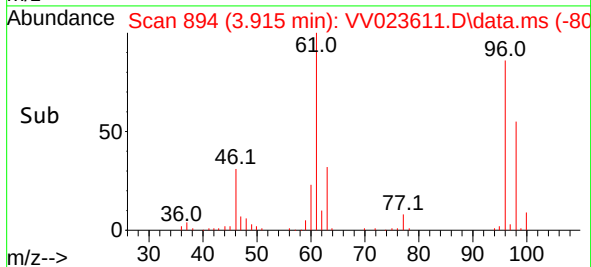
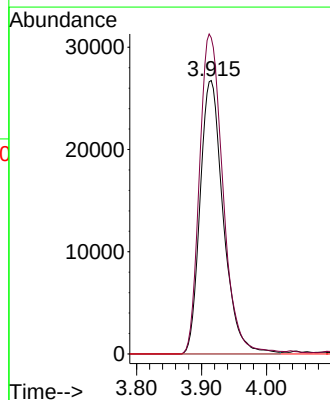
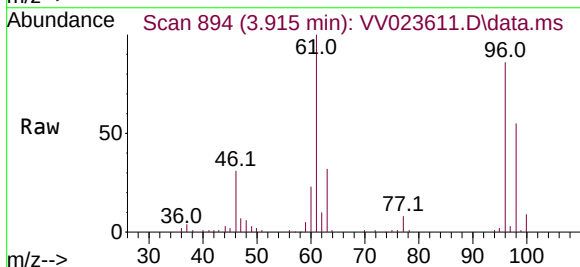
Instrument :
MSVOA_V
ClientSampleId :

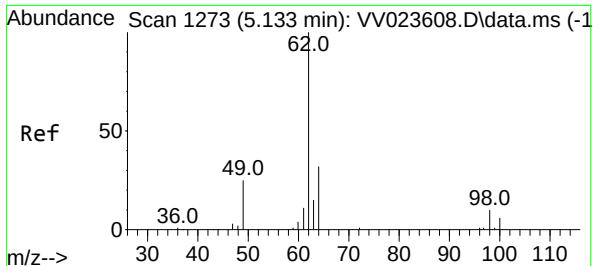
Tgt Ion: 96 Resp: 3317
Ion Ratio Lower Upper
96 100
61 122.3 93.2 173.2
98 62.7 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 8.155 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.000 min
Lab File: VV023611.D
Acq: 18 Nov 2021 18:04

Tgt Ion: 96 Resp: 66541
Ion Ratio Lower Upper
96 100
61 115.7 92.3 171.3
68 0.0 0.4 0.8#





#27

1,2-Dichloroethane

Concen: 0.093 ug/L

RT: 5.059 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV023611.D

Acq: 18 Nov 2021 18:04

Instrument :

MSVOA_V

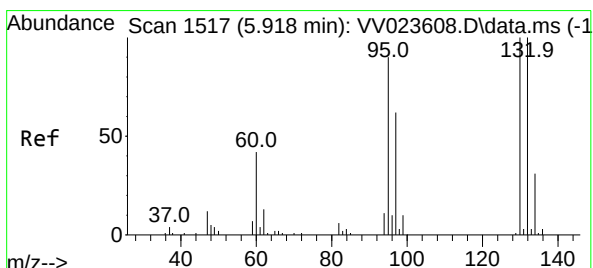
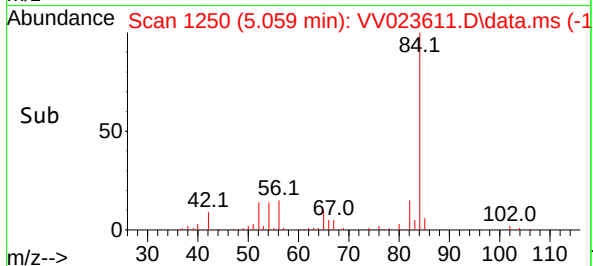
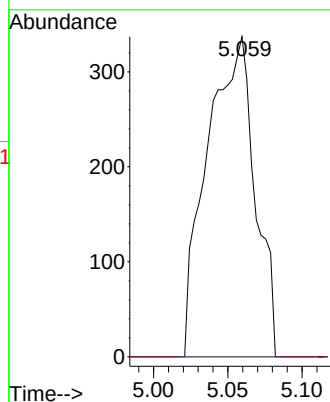
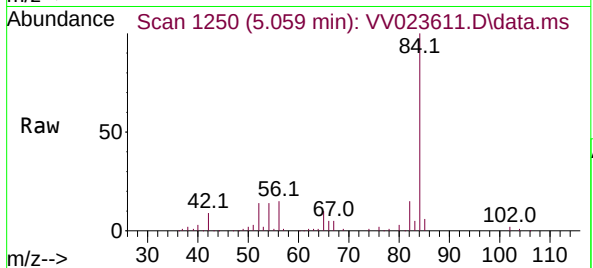
ClientSampleId :

Tgt Ion: 62 Resp: 752

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#34

Trichloroethene

Concen: 0.372 ug/L

RT: 5.928 min Scan# 1520

Delta R.T. 0.010 min

Lab File: VV023611.D

Acq: 18 Nov 2021 18:04

Tgt Ion: 95 Resp: 3123

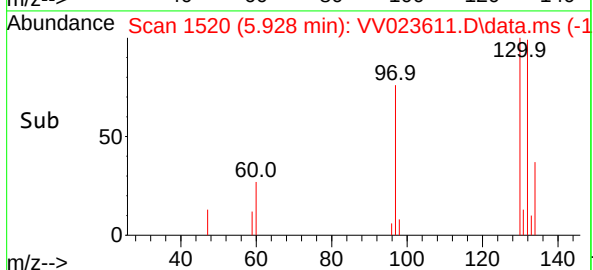
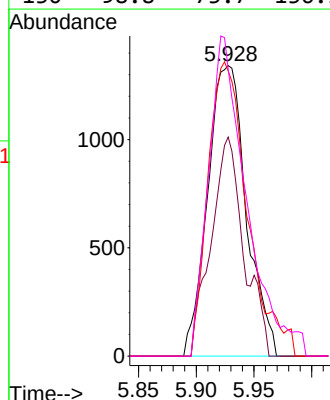
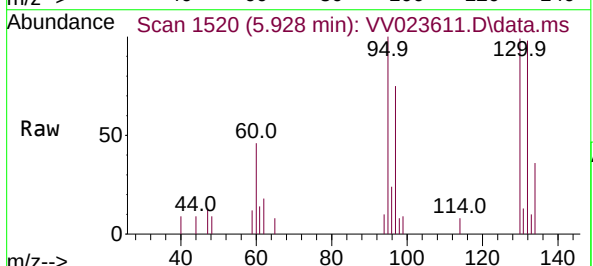
Ion Ratio Lower Upper

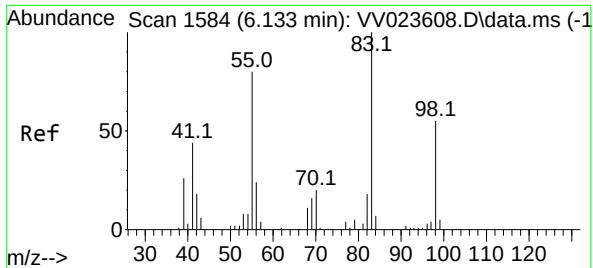
95 100

97 75.4 45.0 83.6

132 98.1 69.7 129.4

130 98.8 73.7 136.9

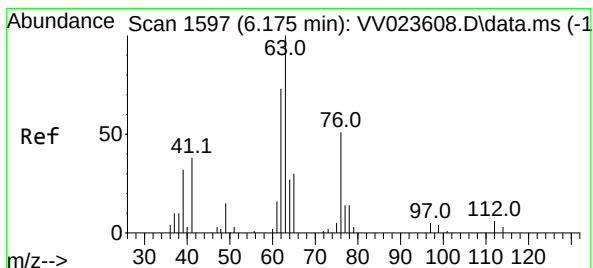
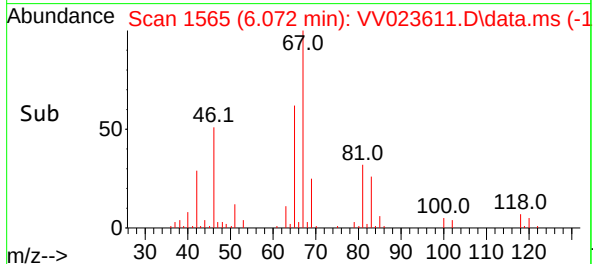
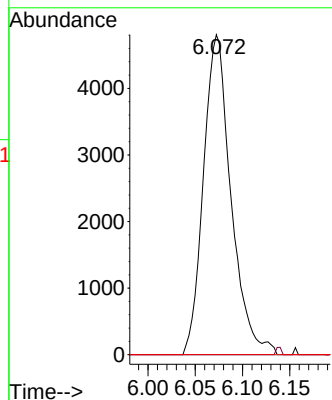
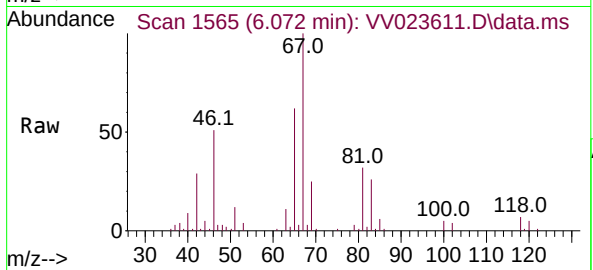




#35
Methylcyclohexane
Concen: 0.736 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV023611.D
Acq: 18 Nov 2021 18:04

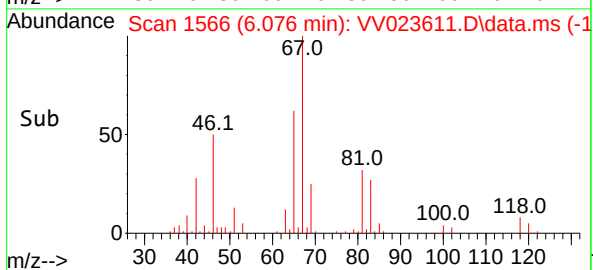
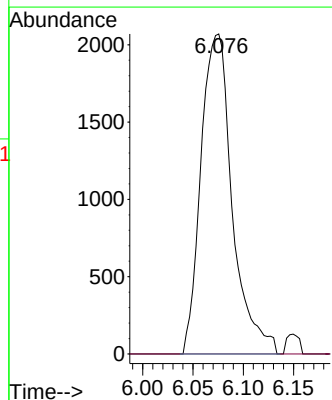
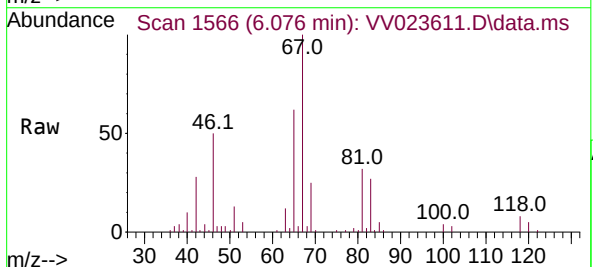
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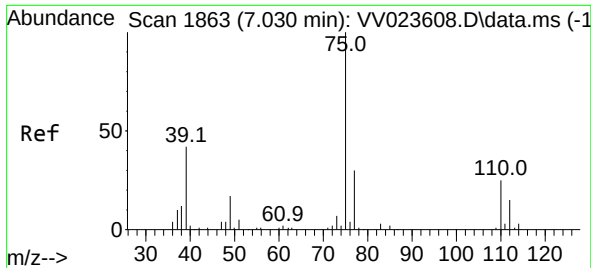
Tgt Ion: 83 Resp: 9747
Ion Ratio Lower Upper
83 100
55 0.4 62.8 94.2#
98 0.9 37.9 56.9#



#37
1,2-Dichloropropane
Concen: 0.610 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV023611.D
Acq: 18 Nov 2021 18:04

Tgt Ion: 63 Resp: 4492
Ion Ratio Lower Upper
63 100
112 0.0 4.6 6.8#





#39

cis-1,3-Dichloropropene

Concen: 0.100 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV023611.D

Acq: 18 Nov 2021 18:04

Instrument :

MSVOA_V

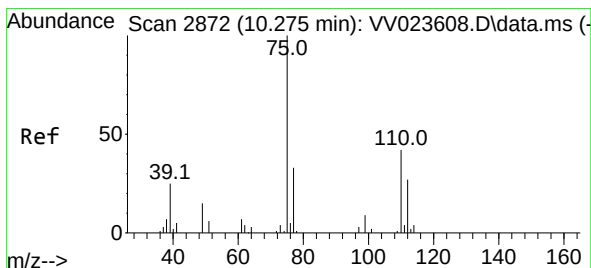
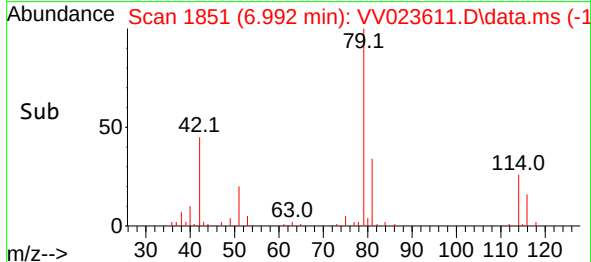
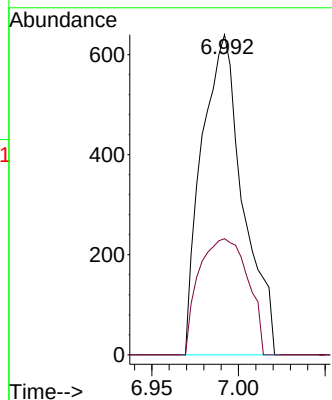
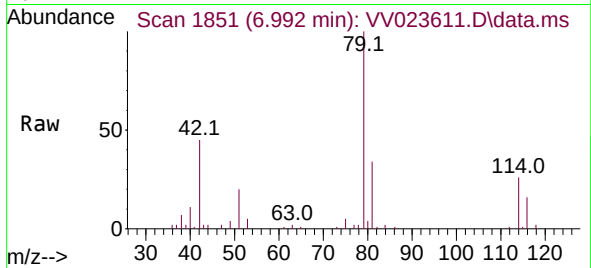
ClientSampleId :

Tgt Ion: 75 Resp: 1057

Ion Ratio Lower Upper

75 100

77 36.3 21.6 40.2



#61

1,2,3-Trichloropropane

Concen: 1.575 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV023611.D

Acq: 18 Nov 2021 18:04

Tgt Ion: 75 Resp: 5443

Ion Ratio Lower Upper

75 100

77 36.7 26.6 39.8

110 2.0 31.8 47.6#

