

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110921\
 Data File : VV023330.D
 Acq On : 10 Nov 2021 14:09
 Operator : SY/MD
 Sample : M4558-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 11 00:41:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 00:38:57 2021
 Response via : Initial Calibration

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

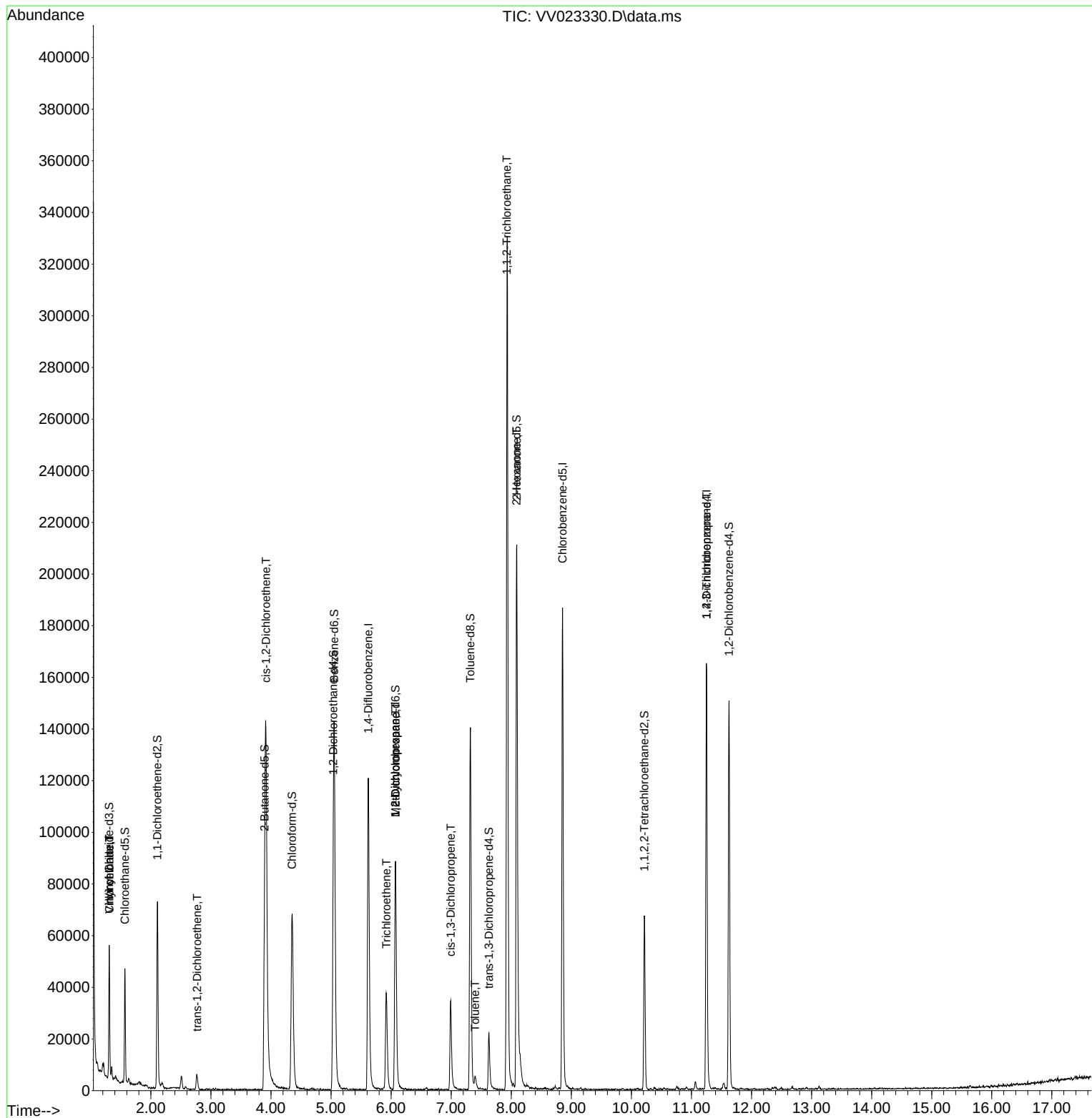
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	107373	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	104570	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	45118	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	25714	3.823	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.400%
7) Chloroethane-d5	1.568	69	26095	4.760	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.200%
11) 1,1-Dichloroethene-d2	2.108	63	38038	3.021	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.400%
20) 2-Butanone-d5	3.892	46	93469	80.656	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	161.320%#
24) Chloroform-d	4.352	84	71723	5.003	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.037	65	36177	5.612	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.200%
32) Benzene-d6	5.053	84	126604	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.072	67	43109	5.458	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.200%
41) Toluene-d8	7.320	98	96020	3.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	7.628	79	13329	4.451	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.088	63	70681	64.145	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32231	5.675	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	40077	5.335	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.600%
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	6319	0.711	ug/L	90
8) Chloroethane	1.310	64	2558	0.499	ug/L	85
18) trans-1,2-Dichloroethene	2.770	96	2373	0.301	ug/L	87
22) cis-1,2-Dichloroethene	3.915	96	64099	8.462	ug/L #	92
34) Trichloroethene	5.921	95	13140	1.691	ug/L	96
35) Methylcyclohexane	6.072	83	10610	0.865	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	4653	0.682	ug/L #	83
39) cis-1,3-Dichloropropene	6.992	75	821	0.084	ug/L #	43
42) Toluene	7.400	91	3642	0.117	ug/L	87
45) 1,1,2-Trichloroethane	7.928	97	2001	0.408	ug/L #	1
48) 2-Hexanone	8.091	43	9190	4.144	ug/L #	67
61) 1,2,3-Trichloropropane	11.249	75	4586	1.530	ug/L #	67

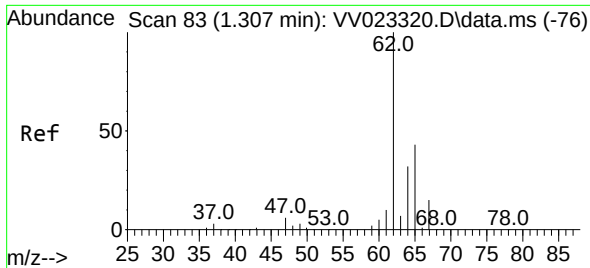
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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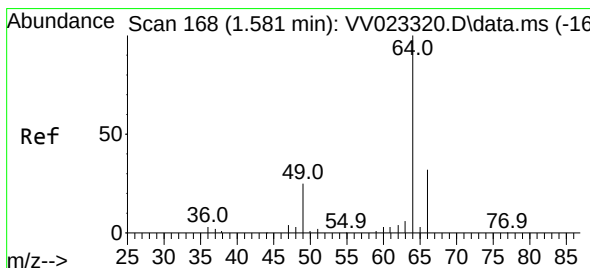
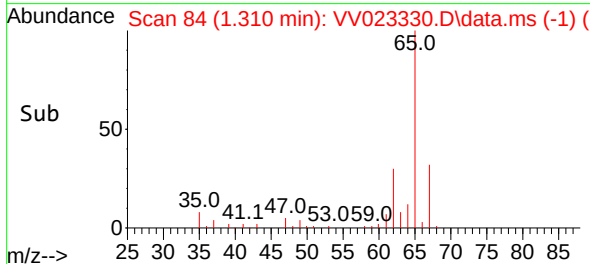
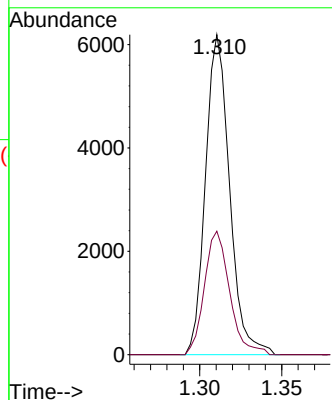
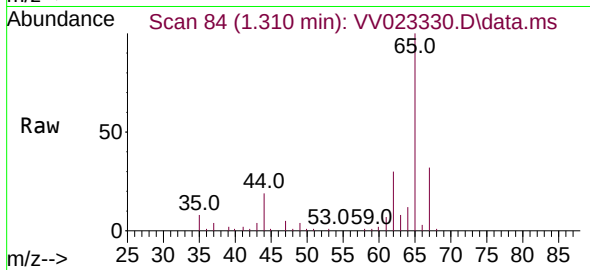




#5
 Vinyl chloride
 Concen: 0.711 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VV023330.D
 Acq: 10 Nov 2021 14:09

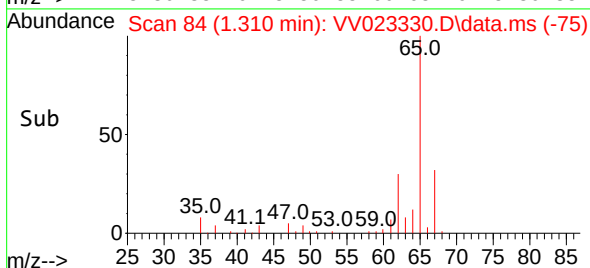
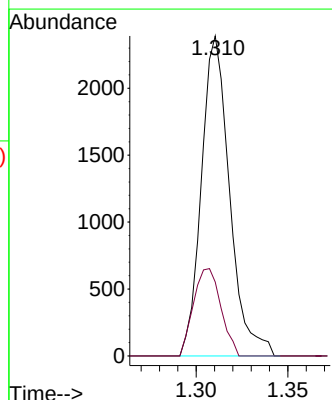
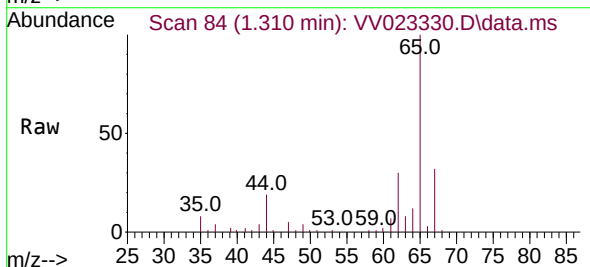
Instrument :
 MSVOA_V
 ClientSampleId :

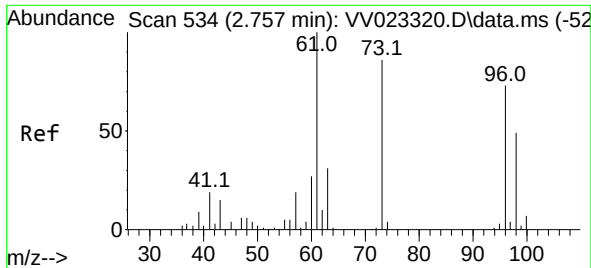
Tgt Ion: 62 Resp: 6319
 Ion Ratio Lower Upper
 62 100
 64 38.6 23.1 42.9



#8
 Chloroethane
 Concen: 0.499 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.270 min
 Lab File: VV023330.D
 Acq: 10 Nov 2021 14:09

Tgt Ion: 64 Resp: 2558
 Ion Ratio Lower Upper
 64 100
 66 23.1 22.1 41.1

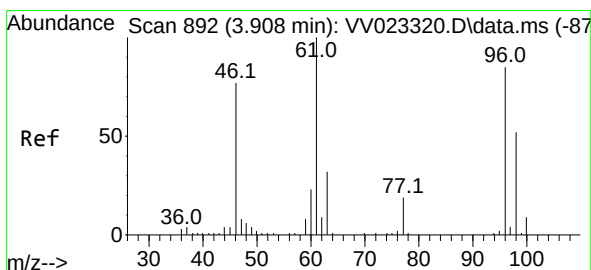
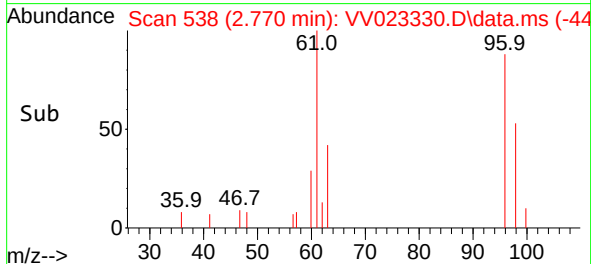
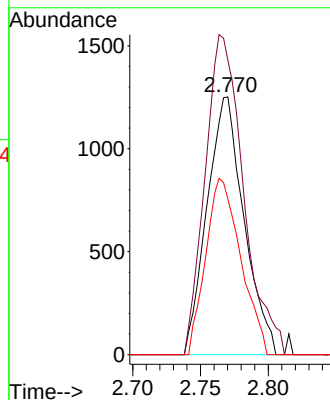
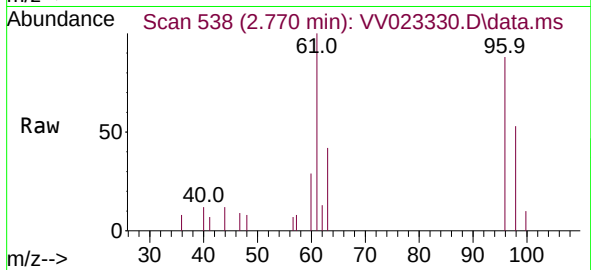




#18
trans-1,2-Dichloroethene
Concen: 0.301 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.013 min
Lab File: VV023330.D
Acq: 10 Nov 2021 14:09

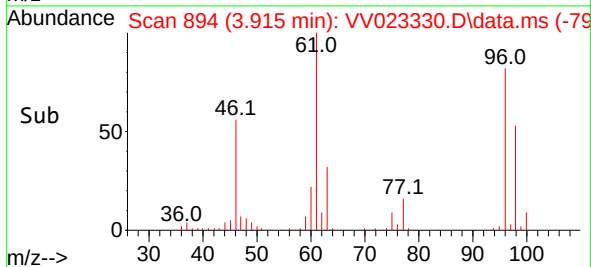
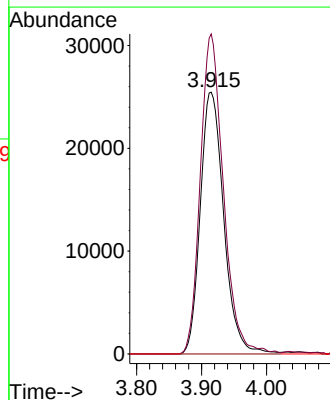
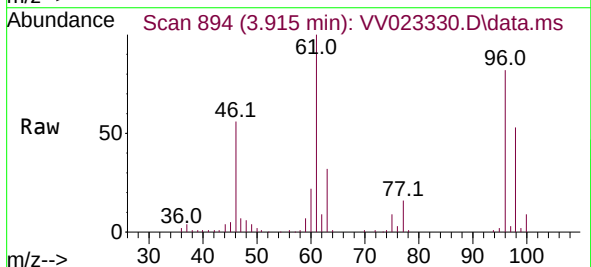
Instrument :
MSVOA_V
ClientSampleId :

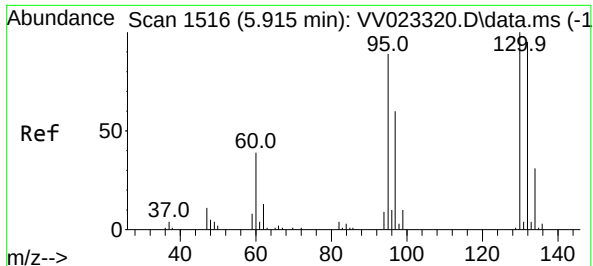
Tgt Ion: 96 Resp: 2373
Ion Ratio Lower Upper
96 100
61 114.2 93.2 173.2
98 60.4 47.0 87.2



#22
cis-1,2-Dichloroethene
Concen: 8.462 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.006 min
Lab File: VV023330.D
Acq: 10 Nov 2021 14:09

Tgt Ion: 96 Resp: 64099
Ion Ratio Lower Upper
96 100
61 122.3 92.3 171.3
68 0.0 0.4 0.8#



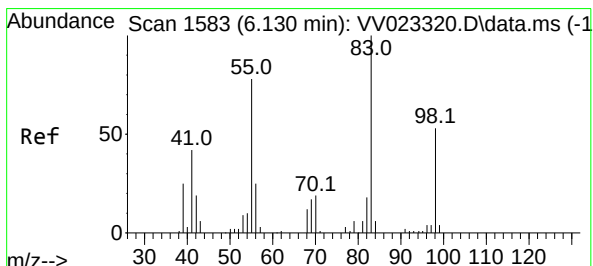
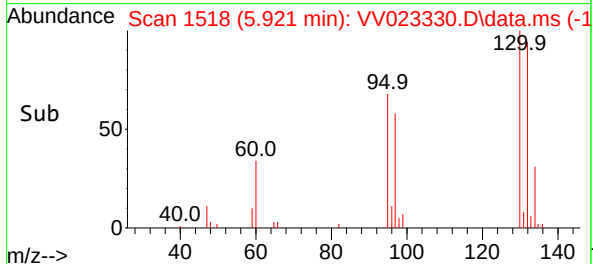
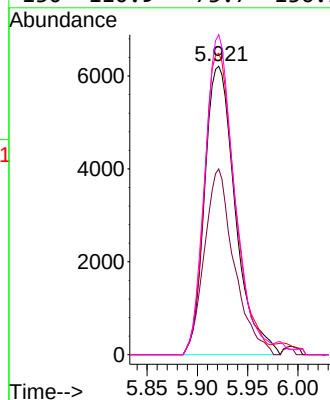
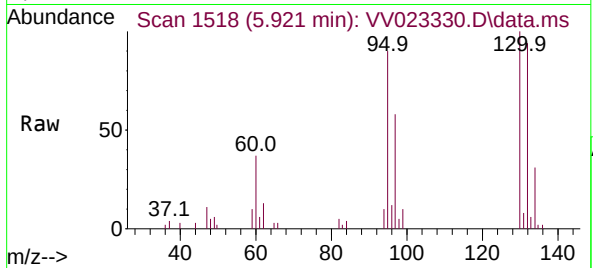


#34
Trichloroethene
Concen: 1.691 ug/L
RT: 5.921 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV023330.D
Acq: 10 Nov 2021 14:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 95 Resp: 13140

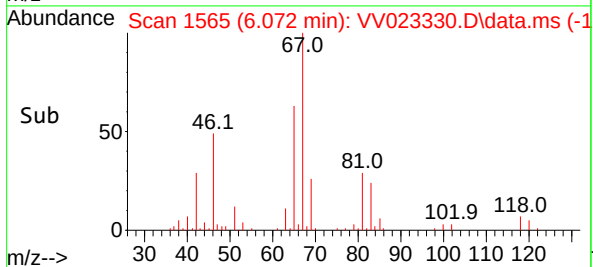
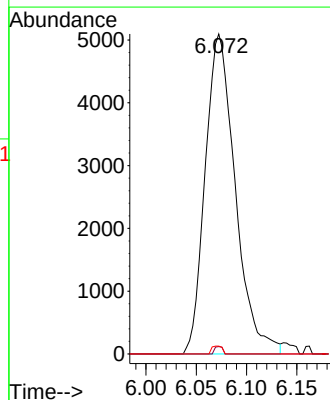
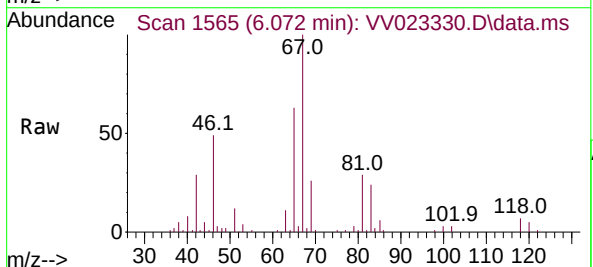
Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.0	83.6
132	104.5	69.7	129.4
130	110.9	73.7	136.9

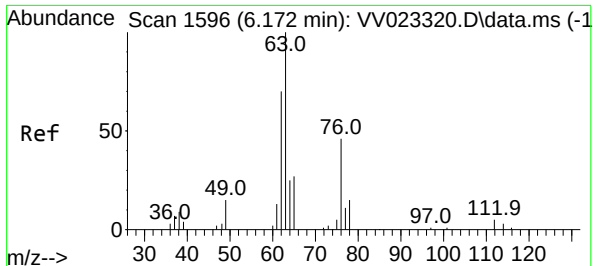


#35
Methylcyclohexane
Concen: 0.865 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.058 min
Lab File: VV023330.D
Acq: 10 Nov 2021 14:09

Tgt Ion: 83 Resp: 10610

Ion	Ratio	Lower	Upper
83	100		
55	0.6	62.8	94.2#
98	0.8	37.9	56.9#





#37

1,2-Dichloropropane

Concen: 0.682 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV023330.D

Acq: 10 Nov 2021 14:09

Instrument :

MSVOA_V

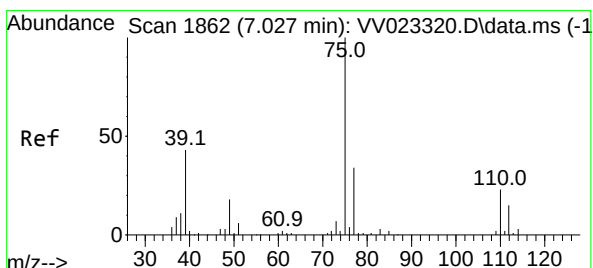
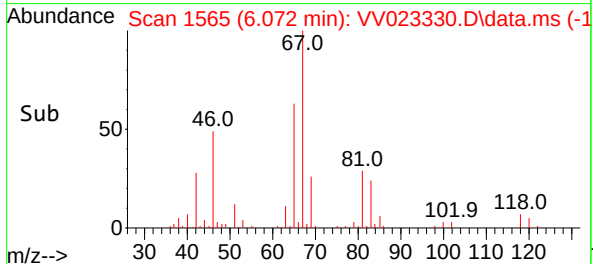
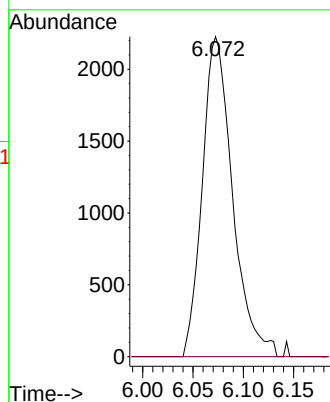
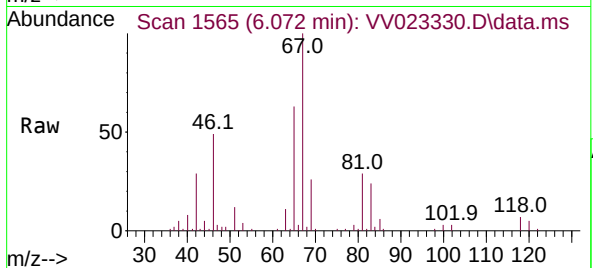
ClientSampleId :

Tgt Ion: 63 Resp: 4653

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV023330.D

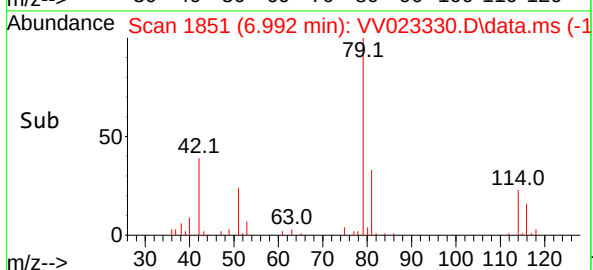
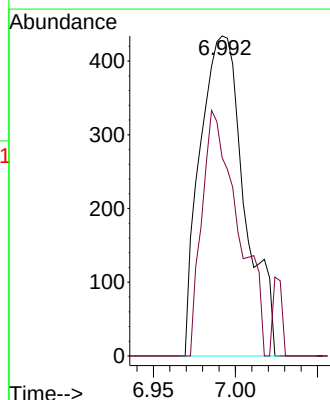
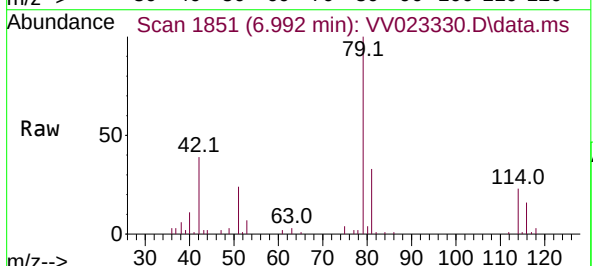
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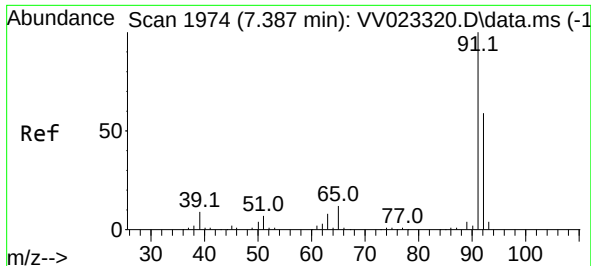
Tgt Ion: 75 Resp: 821

Ion Ratio Lower Upper

75 100

77 62.0 21.6 40.2#





#42

Toluene

Concen: 0.117 ug/L

RT: 7.400 min Scan# 1974

Delta R.T. 0.013 min

Lab File: VV023330.D

Acq: 10 Nov 2021 14:09

Instrument :

MSVOA_V

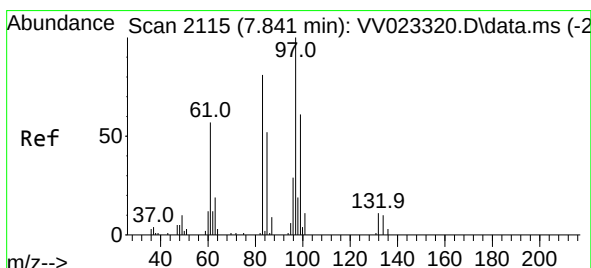
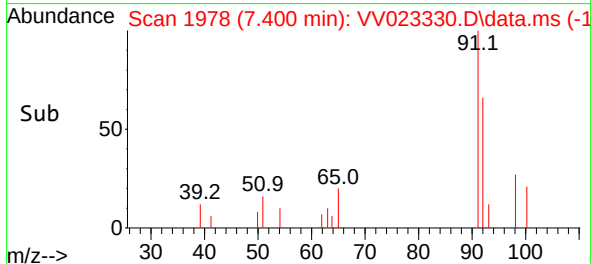
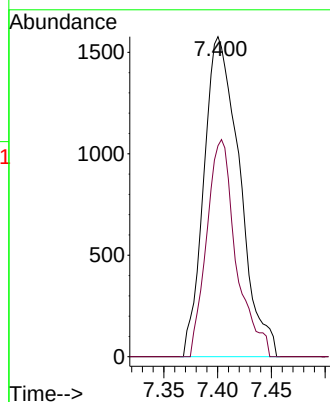
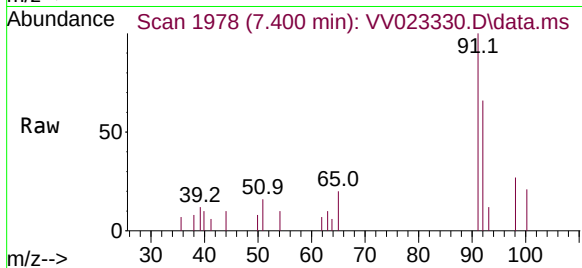
ClientSampleId :

Tgt Ion: 91 Resp: 3642

Ion Ratio Lower Upper

91 100

92 65.9 39.3 72.9



#45

1,1,2-Trichloroethane

Concen: 0.408 ug/L

RT: 7.928 min Scan# 2142

Delta R.T. 0.087 min

Lab File: VV023330.D

Acq: 10 Nov 2021 14:09

Tgt Ion: 97 Resp: 2001

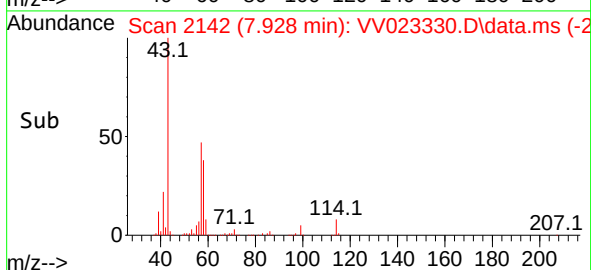
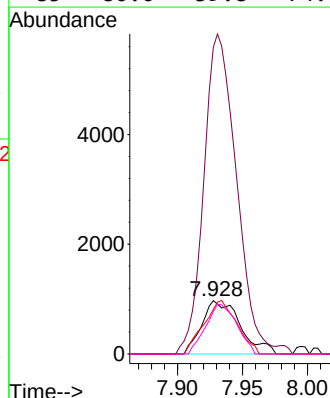
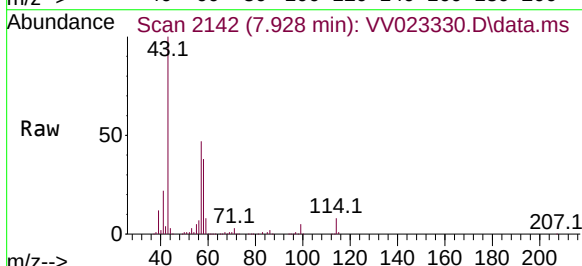
Ion Ratio Lower Upper

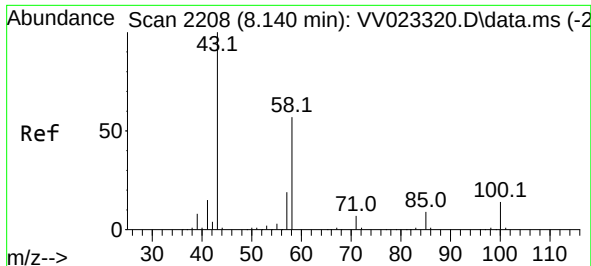
97 100

99 576.4 43.6 81.0#

83 83.6 58.4 108.4

85 80.0 39.8 74.0#

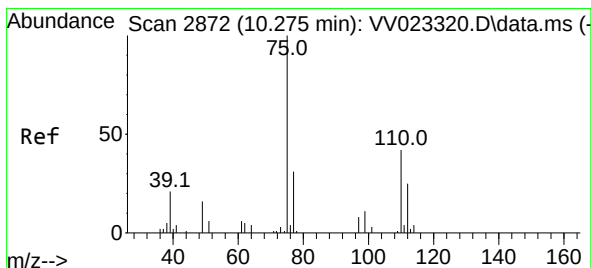
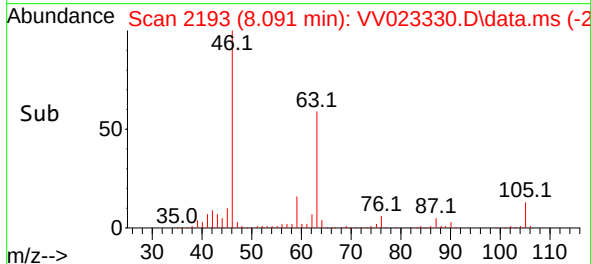
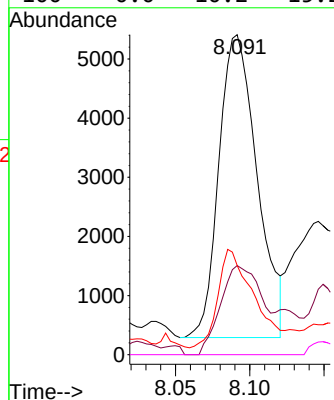
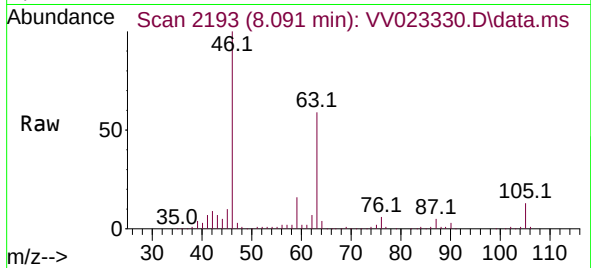




#48
2-Hexanone
Concen: 4.144 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.048 min
Lab File: VV023330.D
Acq: 10 Nov 2021 14:09

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	43	Resp:	9190
Ion	Ratio	Lower	Upper
43	100		
58	32.6	43.7	65.5#
57	0.0	14.1	21.1#
100	0.0	10.2	15.2#



#61
1,2,3-Trichloropropane
Concen: 1.530 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV023330.D
Acq: 10 Nov 2021 14:09

Tgt Ion:	75	Resp:	4586
Ion	Ratio	Lower	Upper
75	100		
77	34.8	26.6	39.8
110	4.0	31.8	47.6#

