

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111021\
 Data File : VW023360.D
 Acq On : 11 Nov 2021 02:57
 Operator : SY/MD
 Sample : M4558-19
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GB881

Quant Time: Nov 11 03:57:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR110421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 11 03:34:54 2021
 Response via : Initial Calibration

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

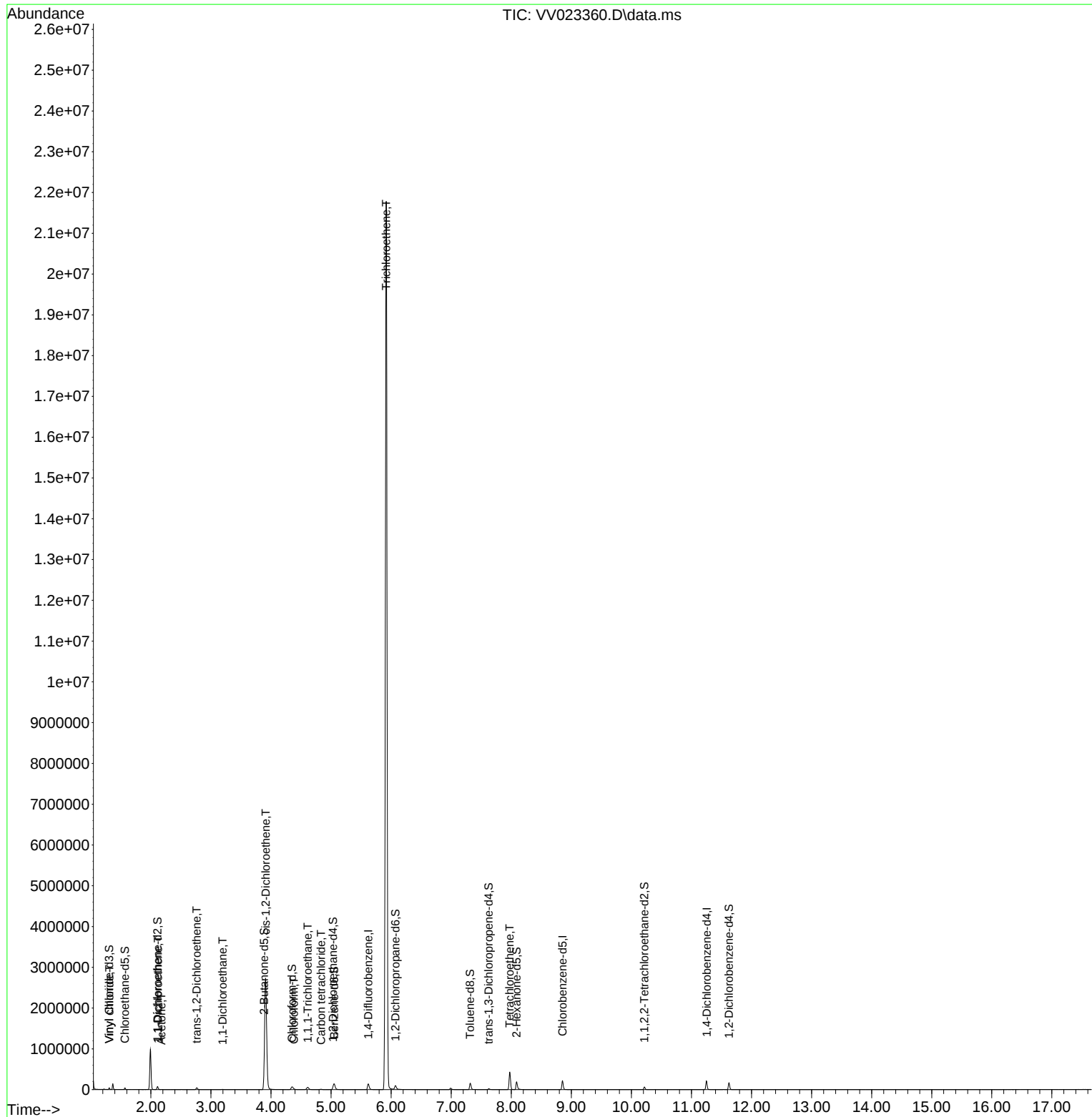
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	124266	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56705	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	23232	2.984	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	59.600%
7) Chloroethane-d5	1.568	69	24081	3.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.111	63	37207	2.553	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.000%#
20) 2-Butanone-d5	3.886	46	88411	65.920	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.840%#
24) Chloroform-d	4.352	84	70576	4.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.034	65	35505	4.759	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.200%
32) Benzene-d6	5.053	84	127805	4.104	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.000%
36) 1,2-Dichloropropane-d6	6.072	67	42647	4.652	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.317	98	105325	3.609	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.200%
43) trans-1,3-Dichloroprop...	7.625	79	13781	3.964	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.200%
46) 2-Hexanone-d5	8.088	63	63685	49.792	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31517	4.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	44410	4.703	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	2502	0.243	ug/L	85
12) 1,1-Dichloroethene	2.121	96	2906	0.392	ug/L #	1
13) Acetone	2.176	43	3081	3.760	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	17850	1.959	ug/L	96
19) 1,1-Dichloroethane	3.195	63	6538	0.425	ug/L	93
22) cis-1,2-Dichloroethene	3.912	96	1530629	174.592	ug/L #	91
25) Chloroform	4.381	83	7002	0.427	ug/L	90
29) 1,1,1-Trichloroethane	4.613	97	46387	3.147	ug/L	99
31) Carbon tetrachloride	4.835	117	7009	0.529	ug/L	99
34) Trichloroethene	5.918	95	7266074	805.390	ug/L	96
47) Tetrachloroethene	7.976	164	96789	12.379	ug/L	99

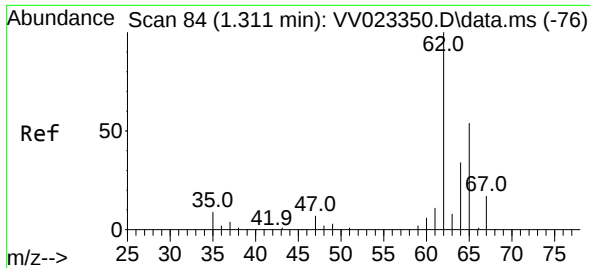
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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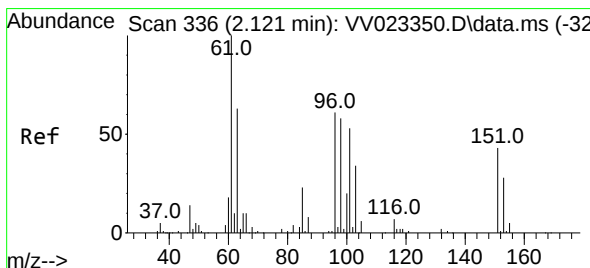
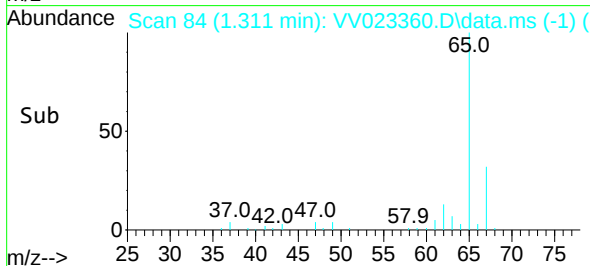
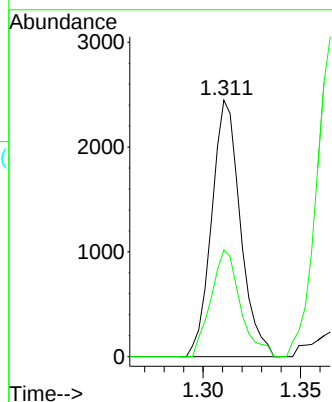
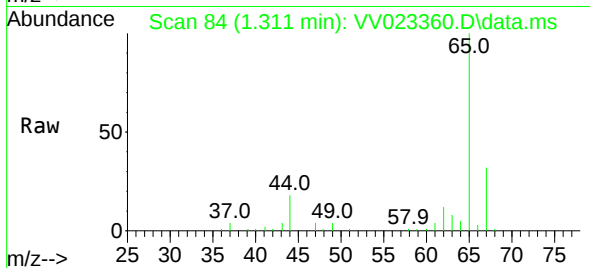




#5
 Vinyl chloride
 Concen: 0.243 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV023360.D
 Acq: 11 Nov 2021 02:57

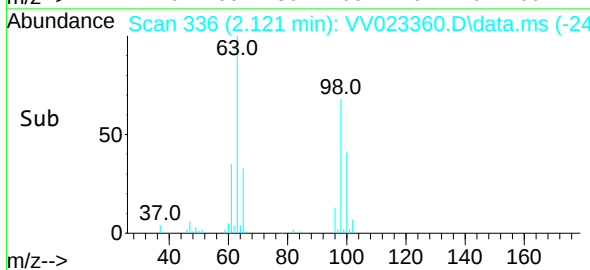
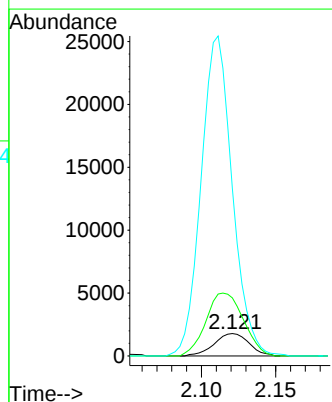
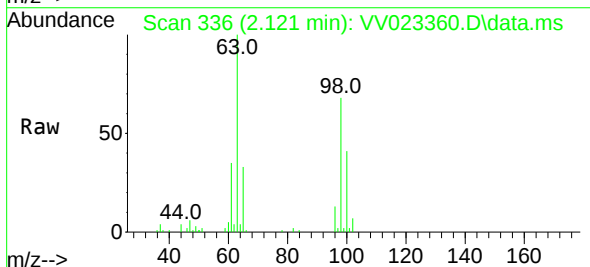
Instrument :
 MSVOA_V
 ClientSampleId :
 GB881

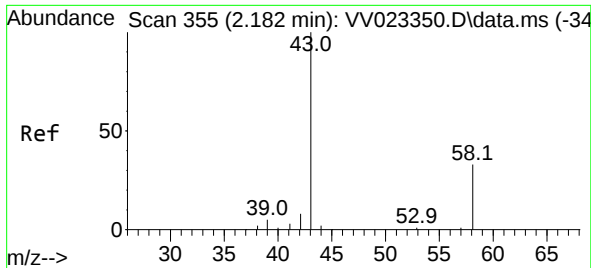
Tgt Ion: 62 Resp: 2502
 Ion Ratio Lower Upper
 62 100
 64 41.6 23.1 42.9



#12
 1,1-Dichloroethene
 Concen: 0.392 ug/L
 RT: 2.121 min Scan# 336
 Delta R.T. 0.000 min
 Lab File: VV023360.D
 Acq: 11 Nov 2021 02:57

Tgt Ion: 96 Resp: 2906
 Ion Ratio Lower Upper
 96 100
 61 259.7 121.5 225.7#
 63 750.0 99.6 185.0#





#13

Acetone

Concen: 3.760 ug/L

RT: 2.176 min Scan# 3

Delta R.T. -0.006 min

Lab File: VV023360.D

Acq: 11 Nov 2021 02:57

Instrument :

MSVOA_V

ClientSampleId :

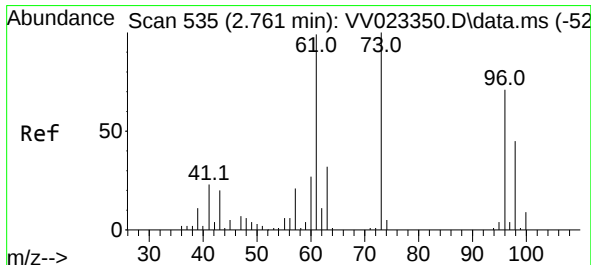
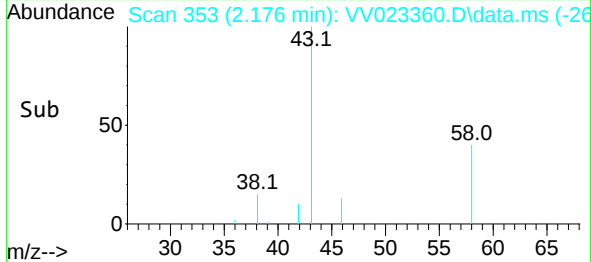
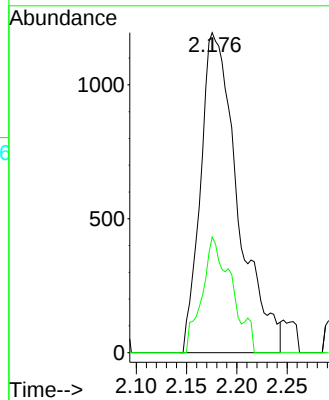
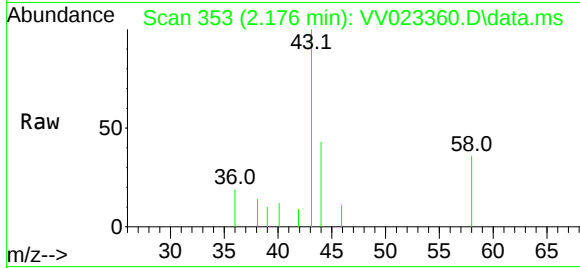
GB881

Tgt Ion: 43 Resp: 3081

Ion Ratio Lower Upper

43 100

58 26.6 0.0 55.4



#18

trans-1,2-Dichloroethene

Concen: 1.959 ug/L

RT: 2.764 min Scan# 536

Delta R.T. 0.003 min

Lab File: VV023360.D

Acq: 11 Nov 2021 02:57

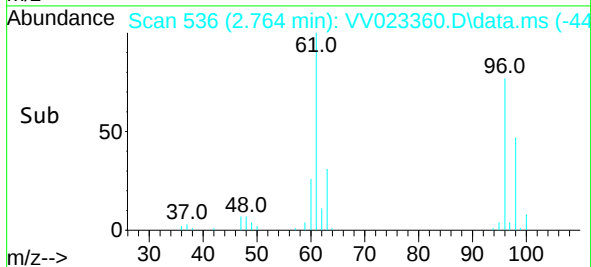
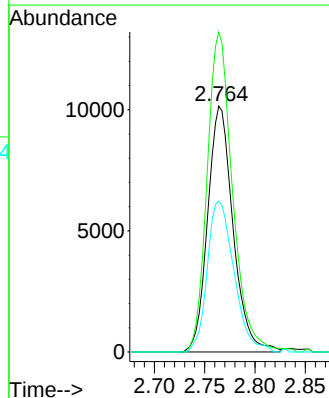
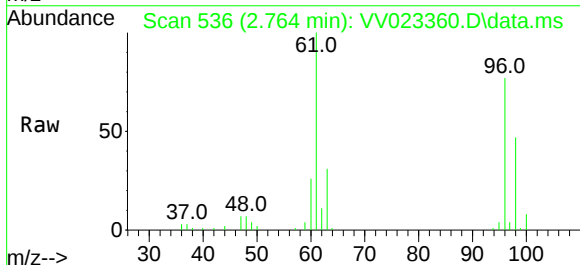
Tgt Ion: 96 Resp: 17850

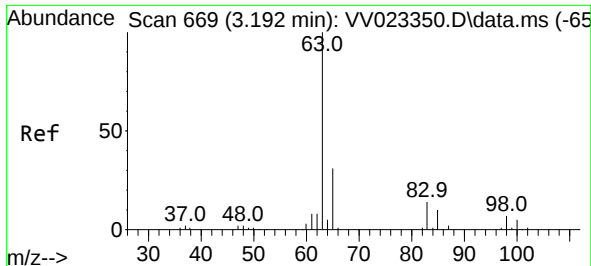
Ion Ratio Lower Upper

96 100

61 130.1 93.2 173.2

98 61.3 47.0 87.2





#19

1,1-Dichloroethane

Concen: 0.425 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV023360.D

Acq: 11 Nov 2021 02:57

Instrument :

MSVOA_V

ClientSampleId :

GB881

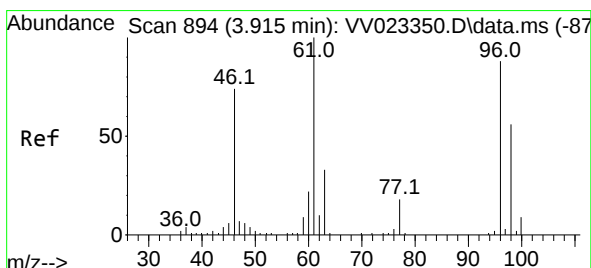
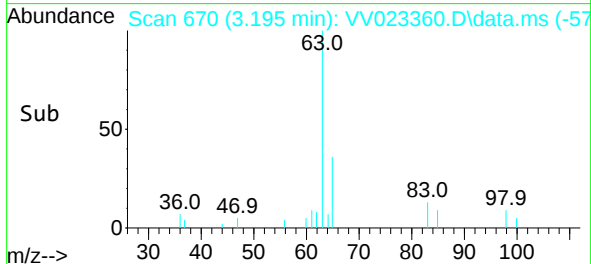
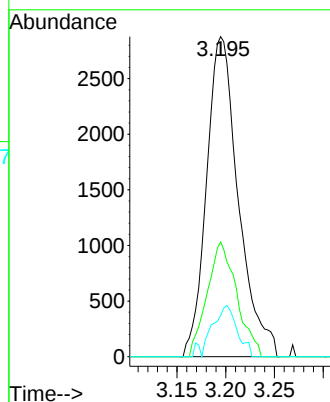
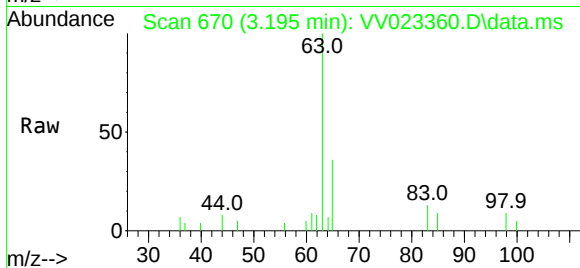
Tgt Ion: 63 Resp: 6538

Ion Ratio Lower Upper

63 100

65 35.8 22.6 42.0

83 12.9 11.1 20.7



#22

cis-1,2-Dichloroethene

Concen: 174.592 ug/L

RT: 3.912 min Scan# 893

Delta R.T. -0.003 min

Lab File: VV023360.D

Acq: 11 Nov 2021 02:57

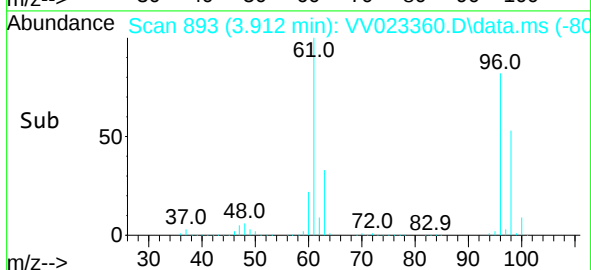
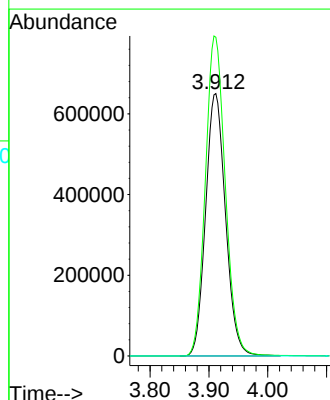
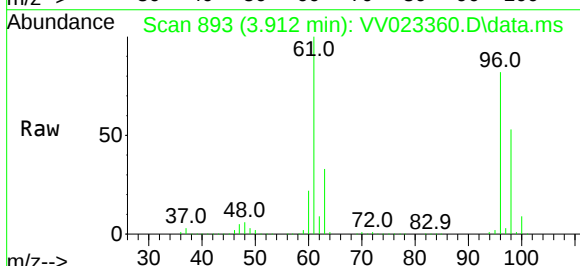
Tgt Ion: 96 Resp: 1530629

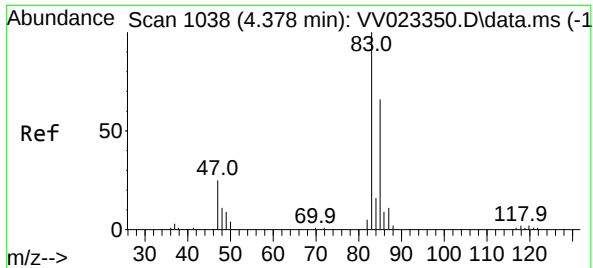
Ion Ratio Lower Upper

96 100

61 121.4 92.3 171.3

68 0.0 0.4 0.8#





#25

Chloroform

Concen: 0.427 ug/L

RT: 4.381 min Scan# 1103

Delta R.T. 0.003 min

Lab File: VV023360.D

Acq: 11 Nov 2021 02:57

Instrument :

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ClientSampleId :

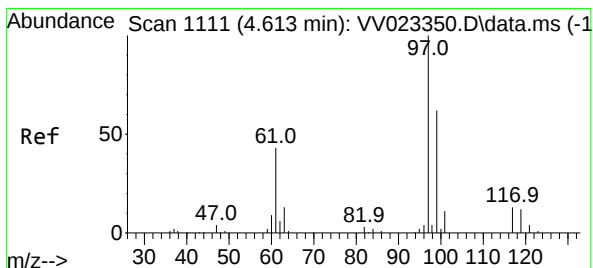
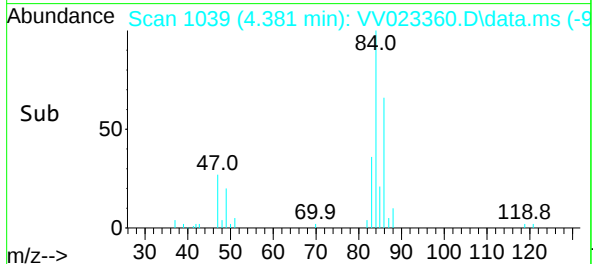
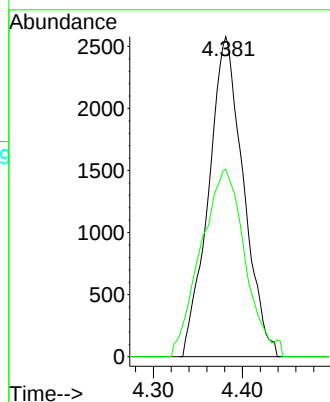
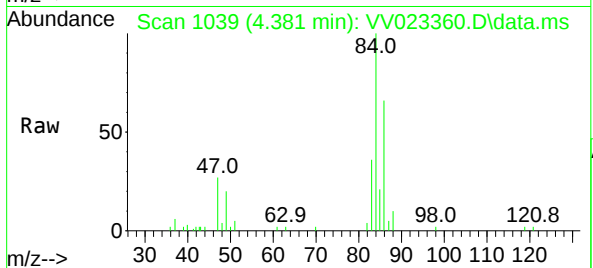
GB881

Tgt Ion: 83 Resp: 7002

Ion Ratio Lower Upper

83 100

85 58.5 46.8 86.8



#29

1,1,1-Trichloroethane

Concen: 3.147 ug/L

RT: 4.613 min Scan# 1111

Delta R.T. 0.000 min

Lab File: VV023360.D

Acq: 11 Nov 2021 02:57

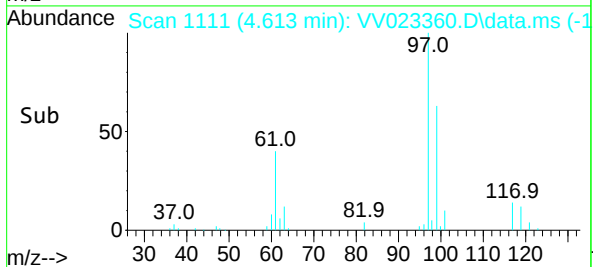
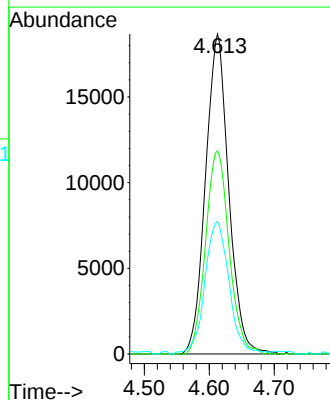
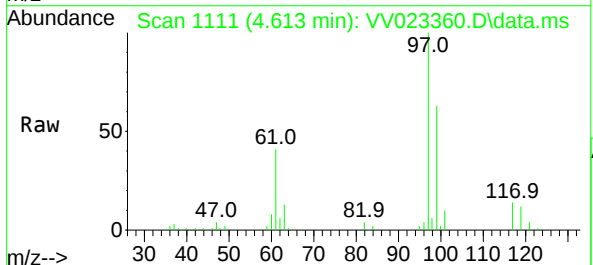
Tgt Ion: 97 Resp: 46387

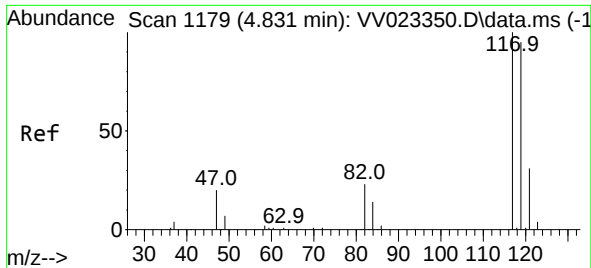
Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.4

61 43.2 34.1 51.1

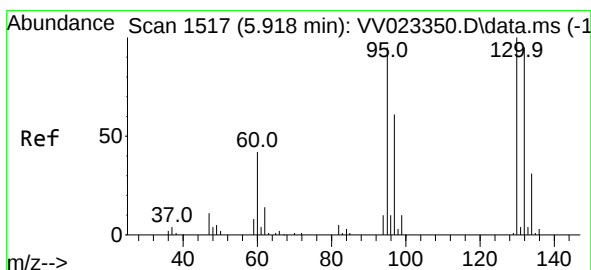
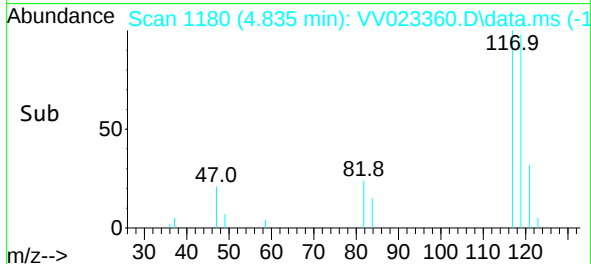
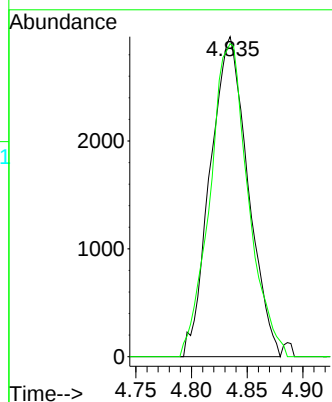
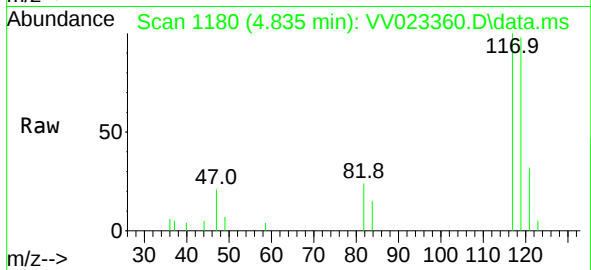




#31
Carbon tetrachloride
Concen: 0.529 ug/L
RT: 4.835 min Scan# 1179
Delta R.T. 0.003 min
Lab File: VV023360.D
Acq: 11 Nov 2021 02:57

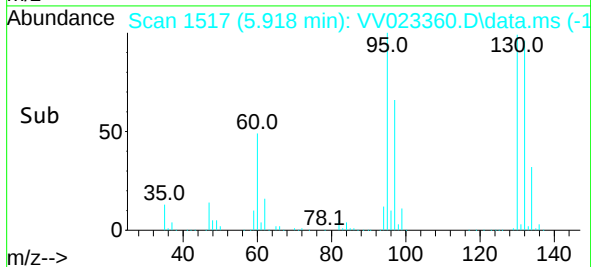
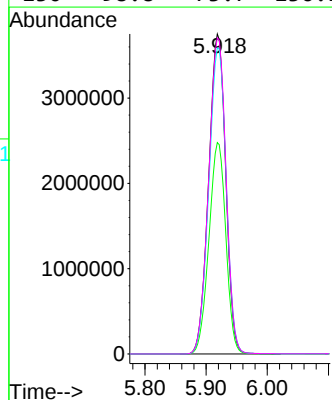
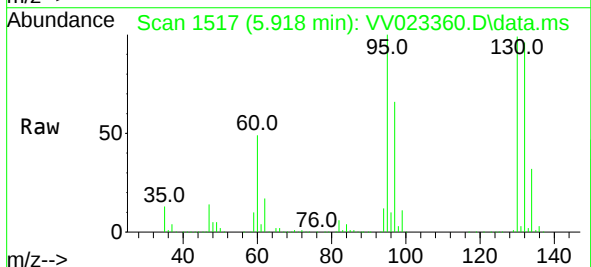
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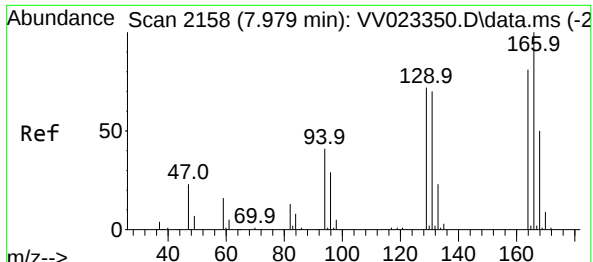
Tgt Ion:117 Resp: 7009
Ion Ratio Lower Upper
117 100
119 99.0 78.8 118.2



#34
Trichloroethene
Concen: 805.390 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV023360.D
Acq: 11 Nov 2021 02:57

Tgt Ion: 95 Resp: 7266074
Ion Ratio Lower Upper
95 100
97 66.1 45.0 83.6
132 95.7 69.7 129.4
130 98.8 73.7 136.9





#47
Tetrachloroethene
Concen: 12.379 ug/L
RT: 7.976 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV023360.D
Acq: 11 Nov 2021 02:57

Instrument :
MSVOA_V
ClientSampleId :
GB881

Tgt	Ion:164	Resp:	96789
Ion	Ratio	Lower	Upper
164	100		
129	90.2	64.0	119.0
131	89.9	63.4	117.8
166	129.1	89.3	165.9

