

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090120\
 Data File : VV018143.D
 Acq On : 01 Sep 2020 13:33
 Operator : SY/MD
 Sample : L3800-16 5X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G3

Quant Time: Sep 02 01:45:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 02 01:43:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	271603	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	270362	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132943	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77345	37.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.64%
7) Chloroethane-d5	1.58	69	74174	43.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.50%
11) 1,1-Dichloroethene-d2	2.12	63	124453	31.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.80%
21) 2-Butanone-d5	3.91	46	120788	88.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.99%
24) Chloroform-d	4.37	84	163714	43.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.05	65	113417	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.58%
32) Benzene-d6	5.07	84	331376	44.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.94%
36) 1,2-Dichloropropane-d6	6.09	67	110427	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.66%
41) Toluene-d8	7.34	98	288957	43.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.24%
43) trans-1,3-Dichloropropene-	7.64	79	50828	46.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.00%
47) 2-Hexanone-d5	8.11	63	63408	81.11	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.11%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	139940	44.12	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.24%
64) 1,2-Dichlorobenzene-d4	11.65	152	128368	49.06	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.12%

Target Compounds

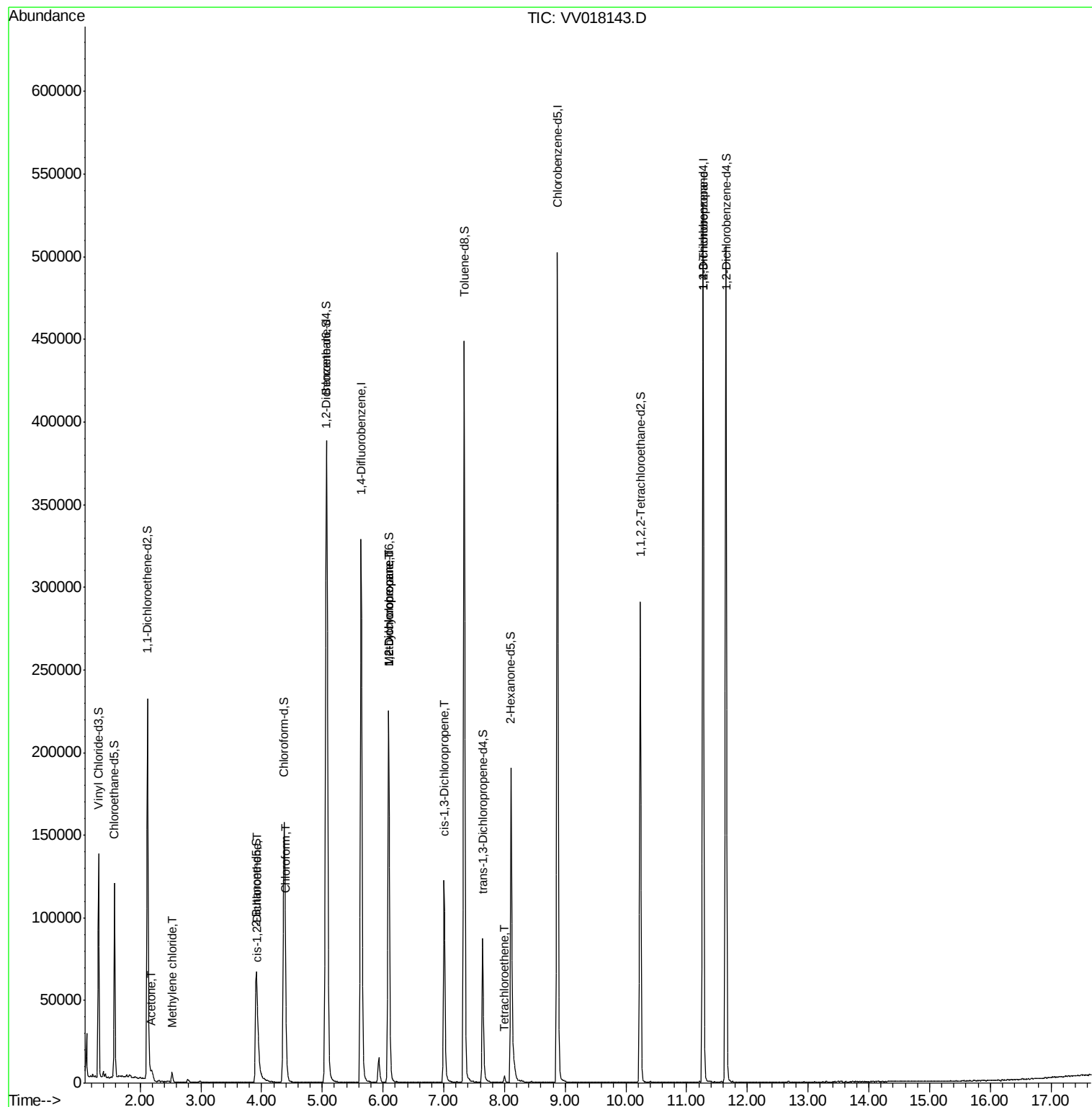
					Ovalue
13) Acetone	2.19	43	7583	5.409	ug/L 99
16) Methylene chloride	2.52	84	2458	1.059	ug/L 97
20) cis-1,2-Dichloroethene	3.94	96	1502	0.730	ug/L 98
25) Chloroform	4.40	83	9279	2.416	ug/L 96
35) Methylcyclohexane	6.09	83	26375	8.022	ug/L # 17
37) 1,2-Dichloropropane	6.09	63	12036	5.276	ug/L # 87
39) cis-1,3-Dichloropropene	7.00	75	2950	0.912	ug/L # 73
46) Tetrachloroethene	8.00	164	858	0.529	ug/L 73
59) 1,2,3-Trichloropropane	11.27	75	15908	5.647	ug/L 93

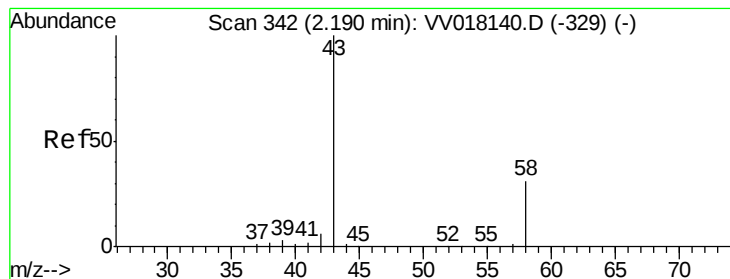
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed Sep 02 01:43:13 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.409 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV018143.D

Acq: 01 Sep 2020 13:33

Instrument :

MSVOA_V

ClientSampled :

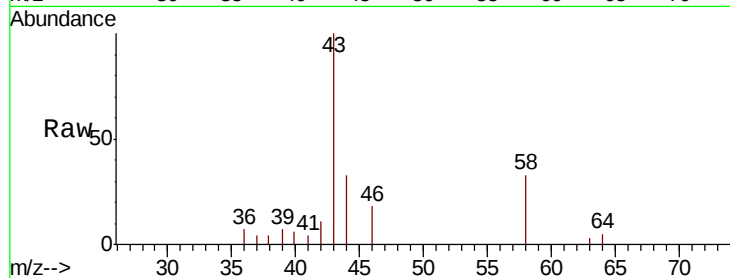
BG3G3

Tot Ion: 43 Resp: 7583

Ion Ratio Lower Upper

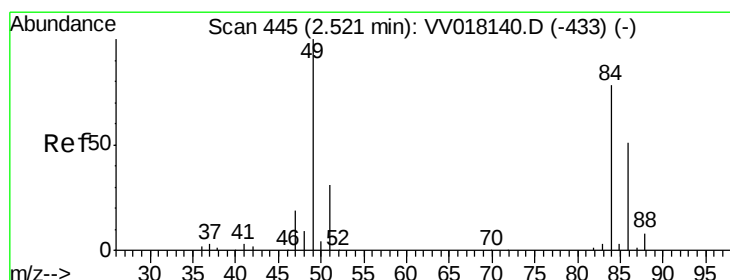
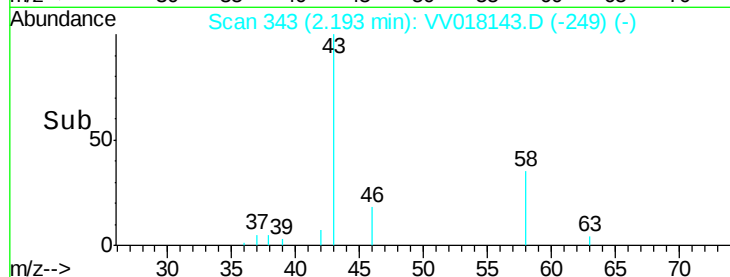
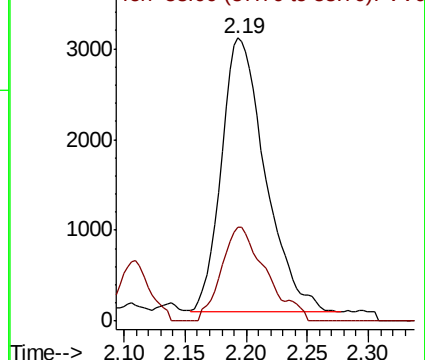
43 100

58 32.5 0.0 63.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 1.059 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.00 min

Lab File: VV018143.D

Acq: 01 Sep 2020 13:33

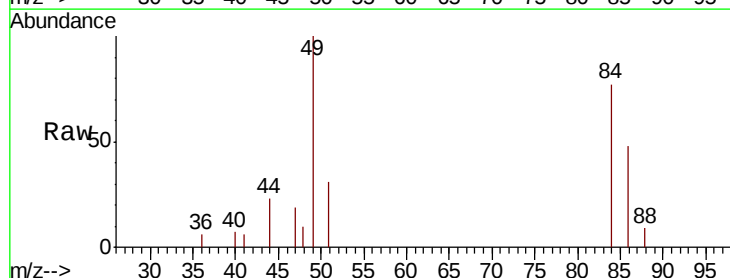
Tgt Ion: 84 Resp: 2458

Ion Ratio Lower Upper

84 100

86 62.2 46.3 85.9

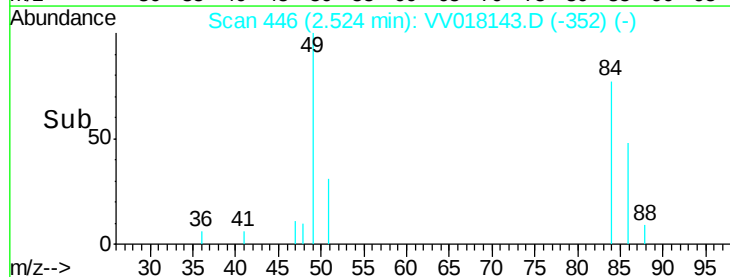
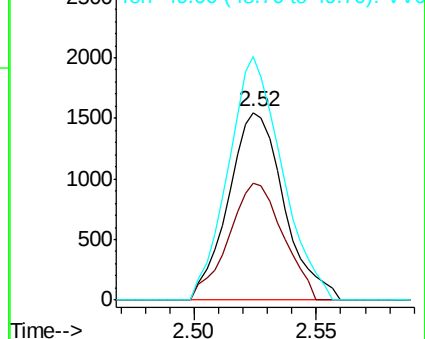
49 129.7 89.7 166.5

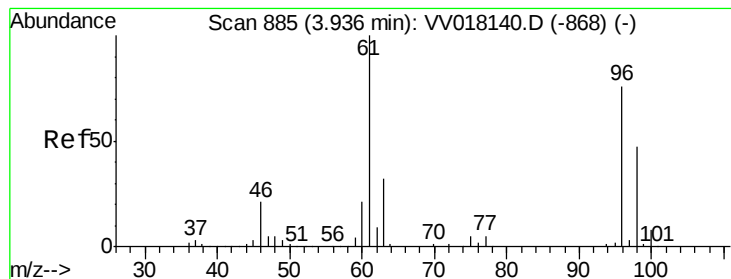


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#20

cis-1,2-Dichloroethene

Concen: 0.730 ug/L

RT: 3.94 min Scan# 887

Delta R.T. 0.01 min

Lab File: VV018143.D

Acq: 01 Sep 2020 13:33

Instrument :

MSVOA_V

ClientSampleId :

BG3G3

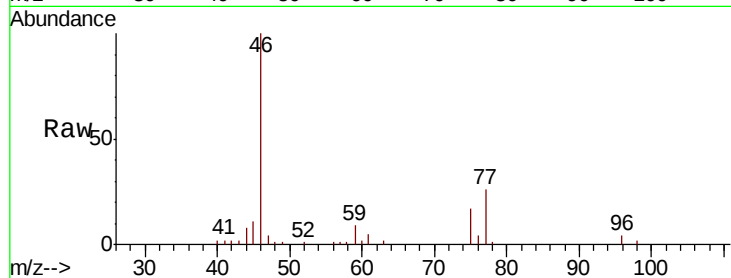
Tot Ion: 96 Resp: 1502

Ion Ratio Lower Upper

96 100

61 133.6 95.0 176.4

68 0.0 0.0 0.0

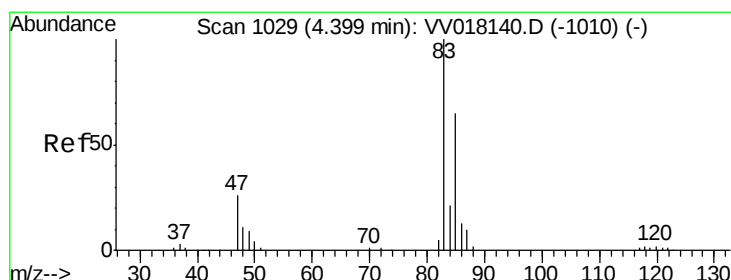
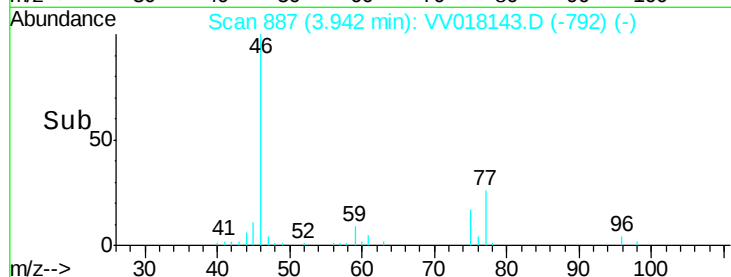
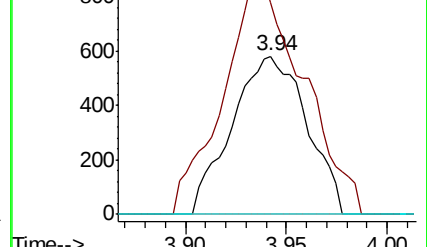


Abundance Ion 96.00 (95.70 to 96.70): VV018140.D (-868) (-)

Ion 61.00 (60.70 to 61.70): VV018140.D (-868) (-)

Ion 68.00 (67.70 to 68.70): VV018140.D (-868) (-)

Time-->



#25

Chloroform

Concen: 2.416 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV018143.D

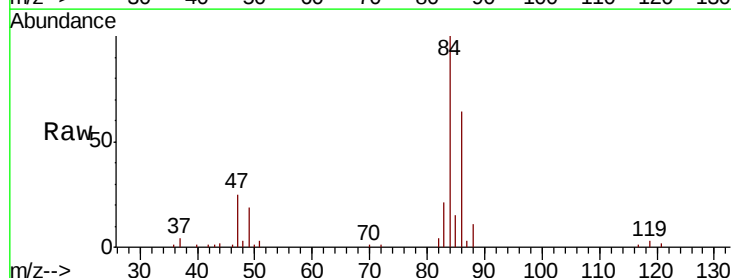
Acq: 01 Sep 2020 13:33

Tgt Ion: 83 Resp: 9279

Ion Ratio Lower Upper

83 100

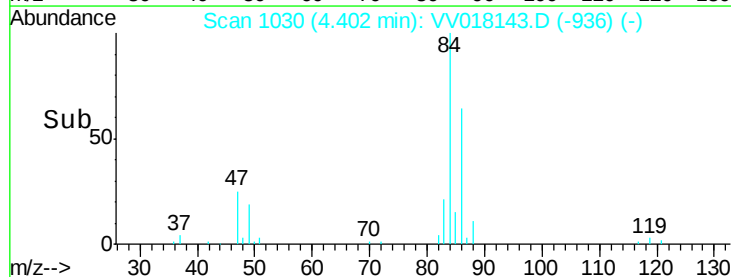
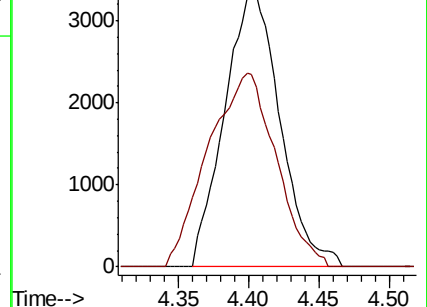
85 68.2 45.5 84.5

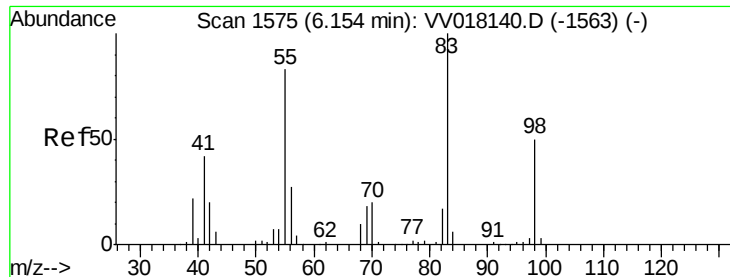


Abundance Ion 83.00 (82.70 to 83.70): VV018140.D (-1010) (-)

Ion 85.00 (84.70 to 85.70): VV018140.D (-1010) (-)

Time-->

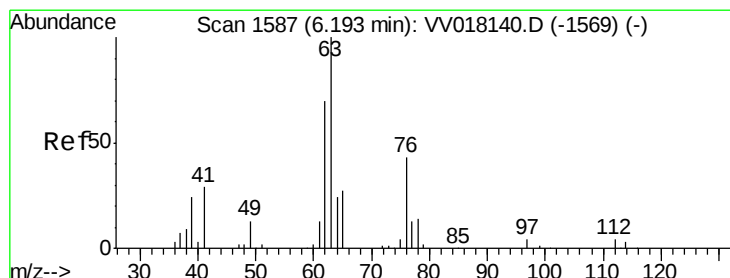
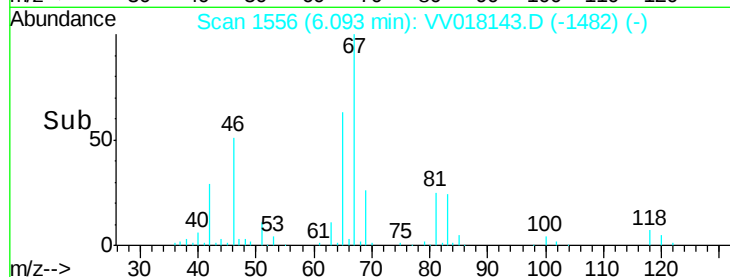
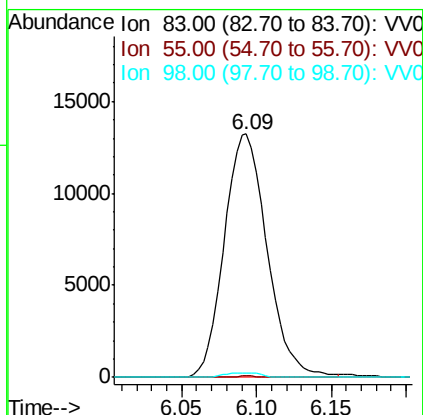
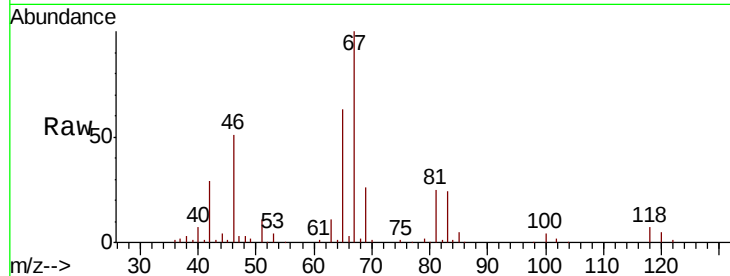




#35
Methvlcvclohexane
Concen: 8.022 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018143.D
Acq: 01 Sep 2020 13:33

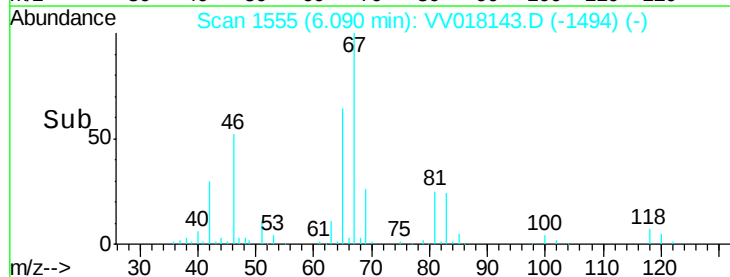
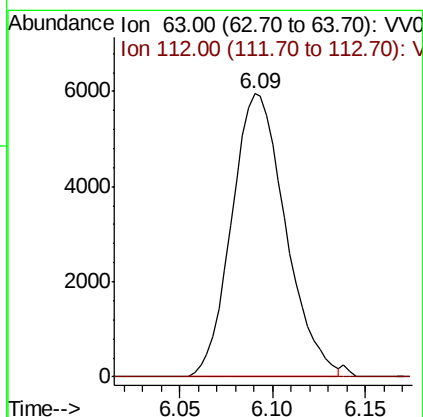
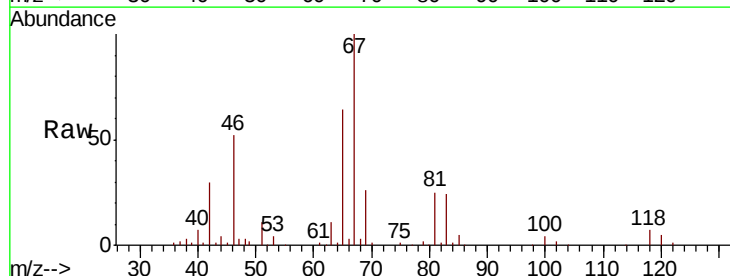
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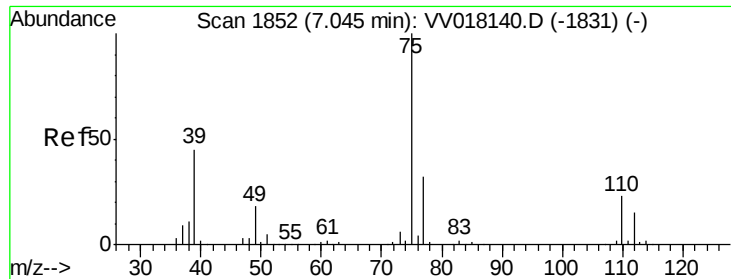
Tot Ion	83	Resp	26375
Ion Ratio	Lower	Upper	
83	100		
55	0.3	64.9	97.3#
98	1.5	38.7	58.1#



#37
1,2-Dichloropropane
Concen: 5.276 ug/L
RT: 6.09 min Scan# 1555
Delta R.T. -0.10 min
Lab File: VV018143.D
Acq: 01 Sep 2020 13:33

Tgt Ion	63	Resp	12036
Ion Ratio	Lower	Upper	
63	100		
112	0.0	3.5	5.3#

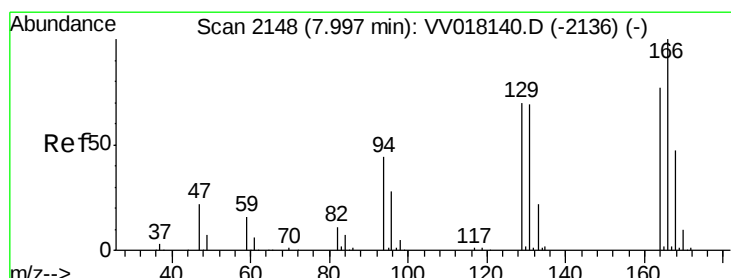
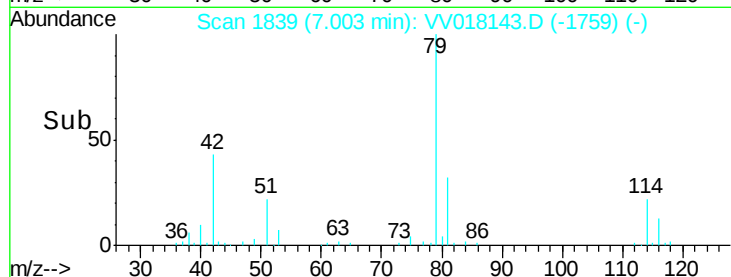
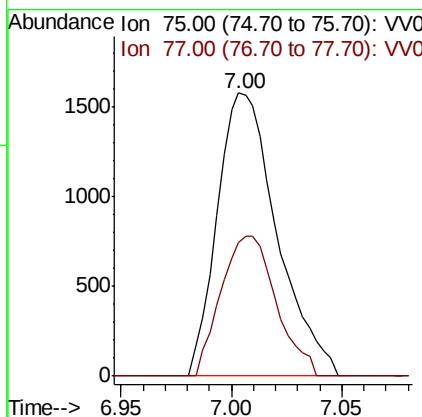
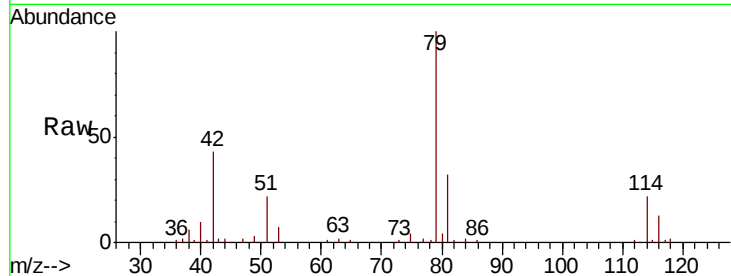




#39
 cis-1,3-Dichloropropene
 Concen: 0.912 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV018143.D
 Acq: 01 Sep 2020 13:33

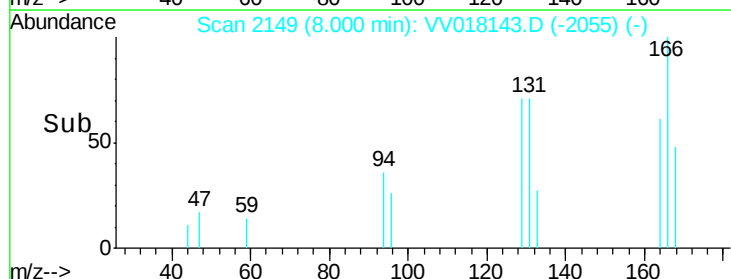
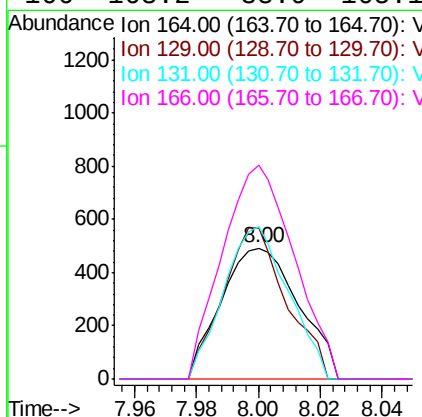
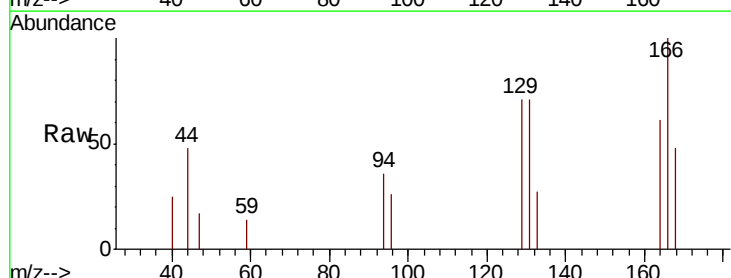
Instrument :
 MSVOA_V
 ClientSampleId :
 BG3G3

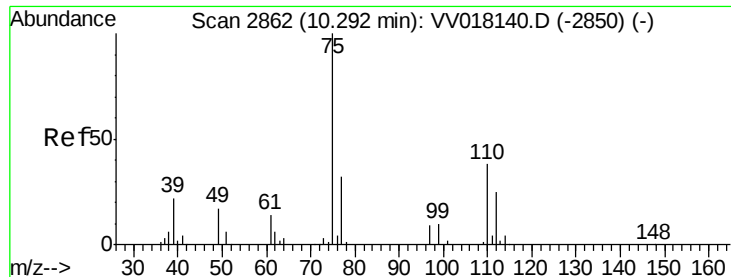
Tot Ion: 75 Resp: 2950
 Ion Ratio Lower Upper
 75 100
 77 47.0 22.3 41.5#



#46
 Tetrachloroethene
 Concen: 0.529 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV018143.D
 Acq: 01 Sep 2020 13:33

Tgt Ion: 164 Resp: 858
 Ion Ratio Lower Upper
 164 100
 129 115.7 64.8 120.3
 131 116.3 64.5 119.9
 166 163.2 88.9 165.1





#59

1,2,3-Trichloropropane

Concen: 5.647 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018143.D

Acq: 01 Sep 2020 13:33

Instrument :

MSVOA_V

ClientSampleId :

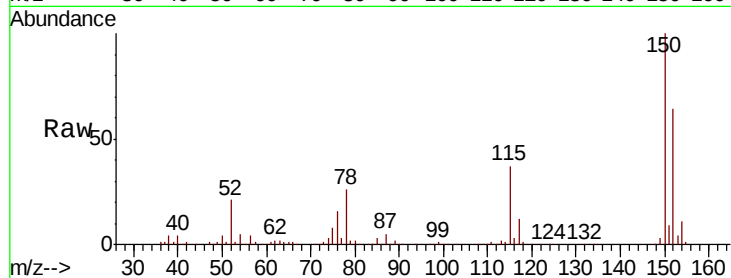
BG3G3

Tot Ion: 75 Resp: 15908

Ion Ratio Lower Upper

75 100

77 36.2 25.7 38.5



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

