

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016452.D
 Acq On : 03 Jun 2020 13:22
 Operator : SY/MD
 Sample : L2843-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB1

Manual Integrations
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 6/4/2020 3:39:46 PM

Quant Time: Jun 04 01:47:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 04 01:16:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	392016	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	373213	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	181121	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	127111	45.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.56%
7) Chloroethane-d5	1.58	69	92189	45.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.98%
11) 1,1-Dichloroethene-d2	2.12	63	179341	36.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.88%
21) 2-Butanone-d5	3.90	46	195072	109.87	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.87%
24) Chloroform-d	4.37	84	248326	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.05	65	168978	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.86%
32) Benzene-d6	5.07	84	495330	49.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.10%
36) 1,2-Dichloropropane-d6	6.09	67	157187	50.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.92%
41) Toluene-d8	7.34	98	443870	48.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.78%
43) trans-1,3-Dichloropropene-	7.64	79	72768	47.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.86%
47) 2-Hexanone-d5	8.11	63	148854	111.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.58%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	204401	48.38	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.76%
64) 1,2-Dichlorobenzene-d4	11.65	152	180749	53.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	227557	75.574	ug/L	99
12) 1,1-Dichloroethene	2.13	96	8841	4.062	ug/L #	1
13) Acetone	2.18	43	4995	3.010	ug/L	83
17) trans-1,2-Dichloroethene	2.78	96	19618	7.144	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	3190636m	1076.614	ug/L	
25) Chloroform	4.40	83	5212	0.979	ug/L	81
34) Trichloroethene	5.94	95	4379804	1520.726	ug/L	98
42) Toluene	7.41	91	21817	1.876	ug/L	98
45) 1,1,2-Trichloroethane	7.87	97	1833	0.663	ug/L	94
46) Tetrachloroethene	8.00	164	1627	0.733	ug/L	93
51) Chlorobenzene	8.90	112	6940	0.908	ug/L	96

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

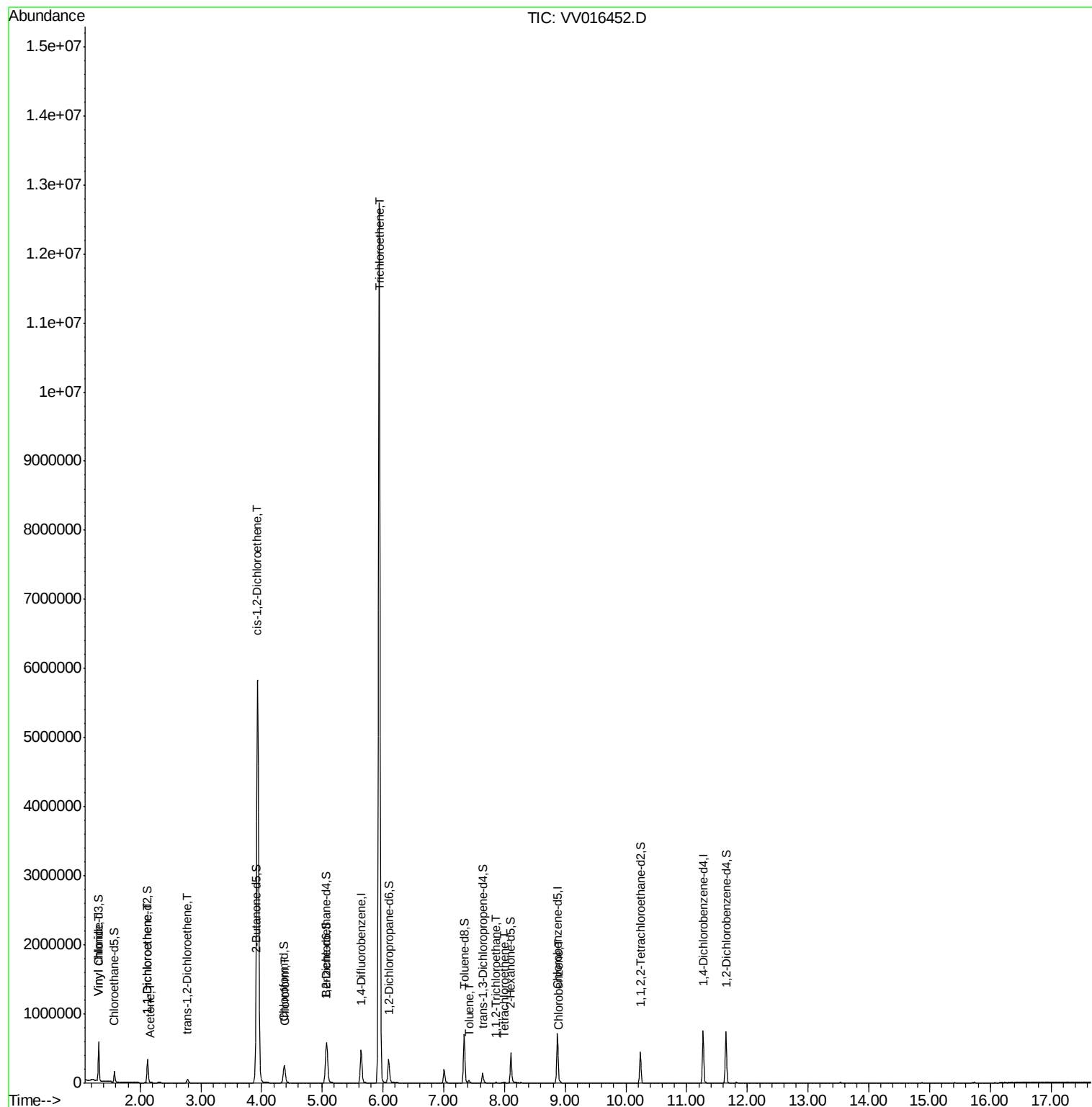
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV060320\
Data File : VV016452.D
Acq On : 03 Jun 2020 13:22
Operator : SY/MD
Sample : L2843-07
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 29 Sample Multiplier: 1

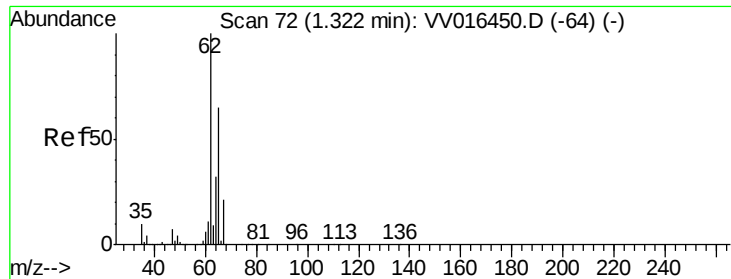
Instrument :
MSVOA_V
ClientSampleId :
C0AB1

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Quant Time: Jun 04 01:47:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Jun 04 01:16:39 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 75.574 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016452.D

Acq: 03 Jun 2020 13:22

Instrument :

MSVOA_V

ClientSampled :

C0AB1

Tot Ion: 62 Resp: 227557

Ion Ratio Lower Upper

62 100

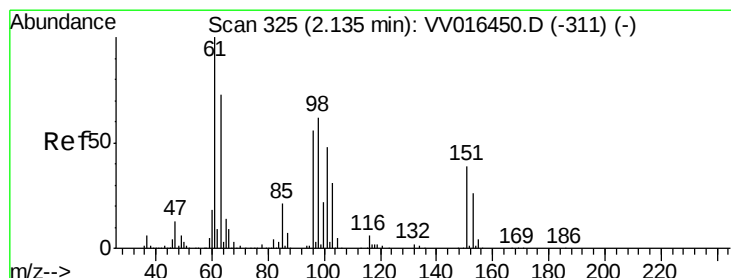
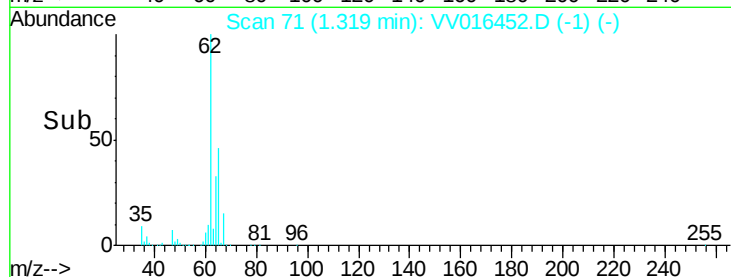
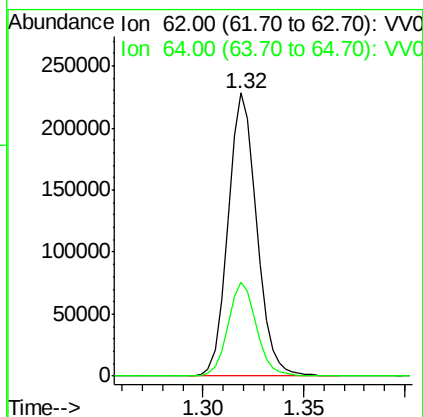
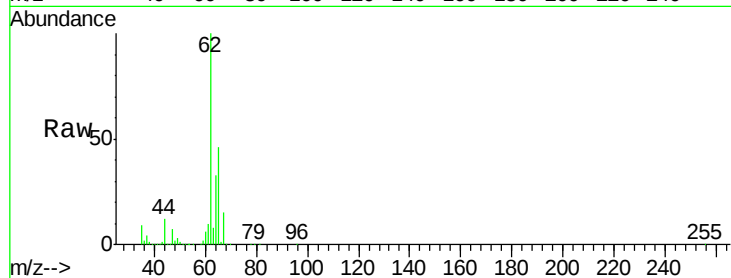
64 33.1 22.7 42.1

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#12

1,1-Dichloroethene

Concen: 4.062 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV016452.D

Acq: 03 Jun 2020 13:22

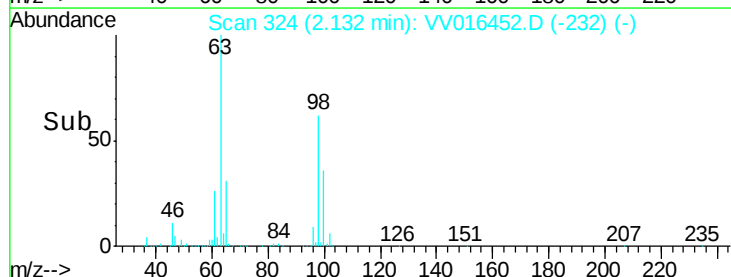
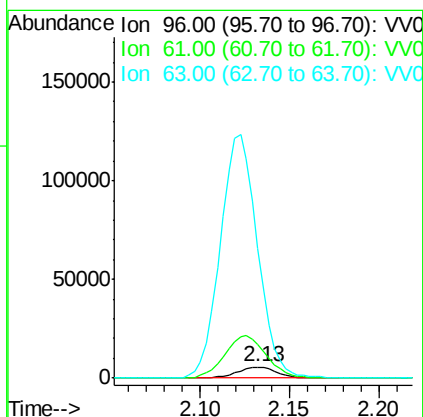
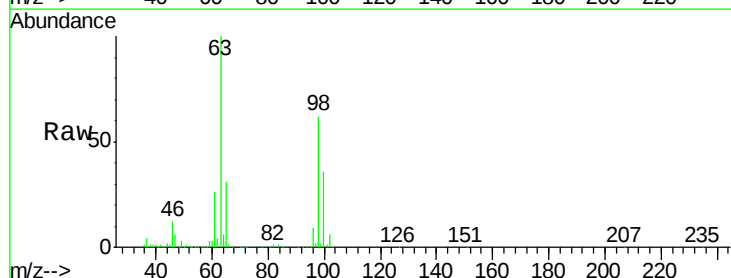
Tgt Ion: 96 Resp: 8841

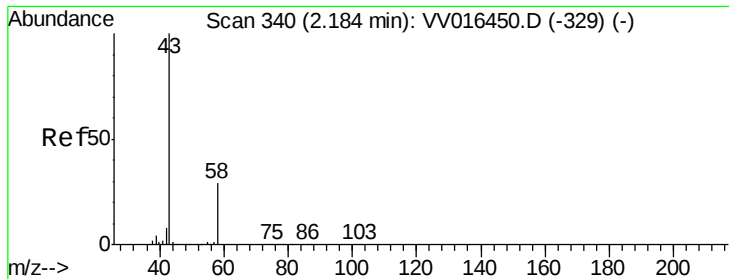
Ion Ratio Lower Upper

96 100

61 298.7 125.5 233.1#

63 1152.7 104.0 193.1#





#13

Acetone

Concen: 3.010 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.01 min

Lab File: VV016452.D

Acq: 03 Jun 2020 13:22

Instrument :

MSVOA_V

ClientSampleId :

C0AB1

Tot Ion: 43 Resp: 4995

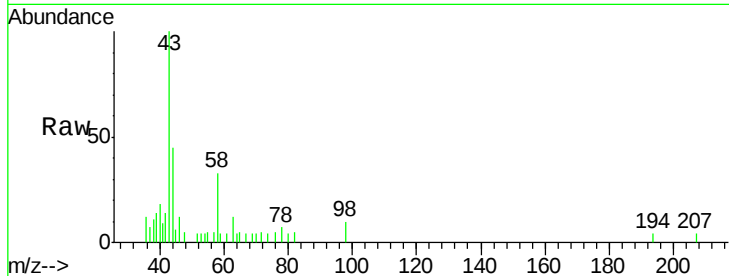
Ion Ratio Lower Upper

43 100

58 37.9 0.0 57.2

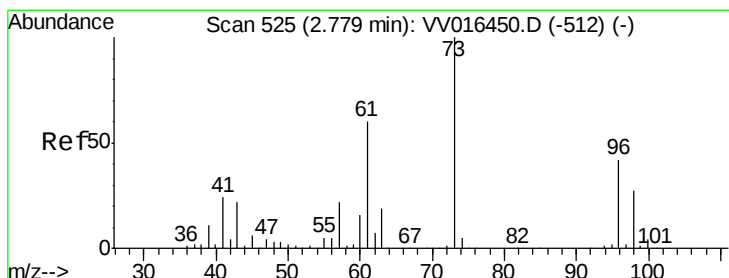
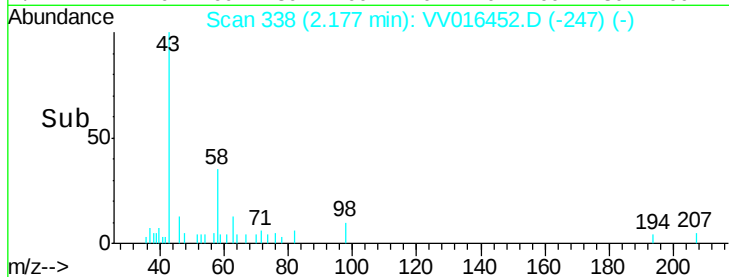
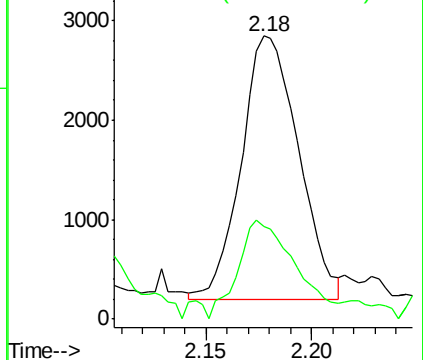
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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 7.144 ug/L

RT: 2.78 min Scan# 525

Delta R.T. -0.00 min

Lab File: VV016452.D

Acq: 03 Jun 2020 13:22

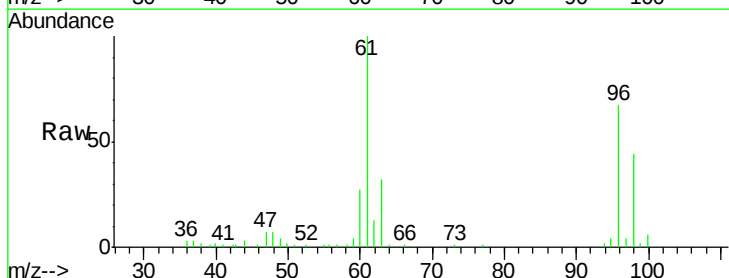
Tgt Ion: 96 Resp: 19618

Ion Ratio Lower Upper

96 100

61 148.7 101.0 187.6

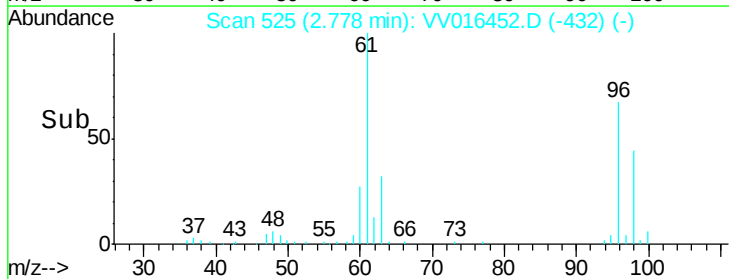
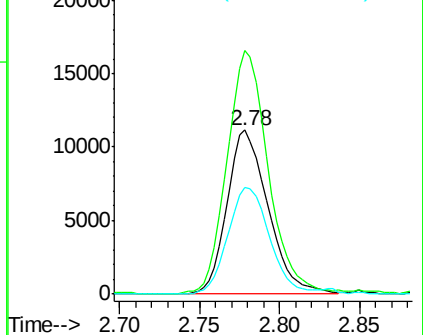
98 65.5 44.7 83.1

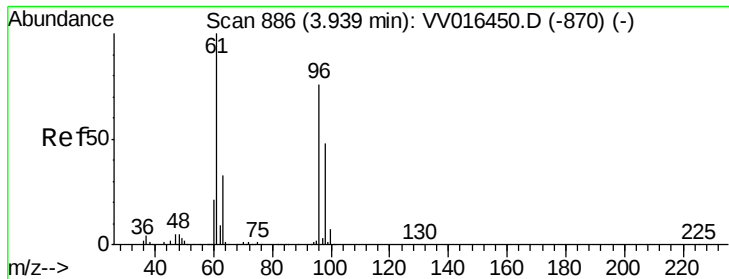


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





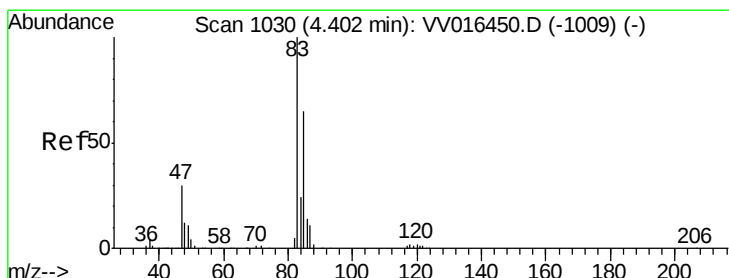
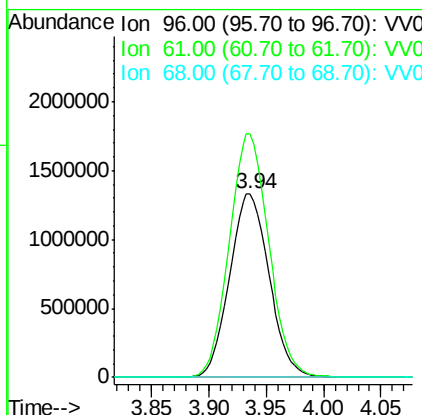
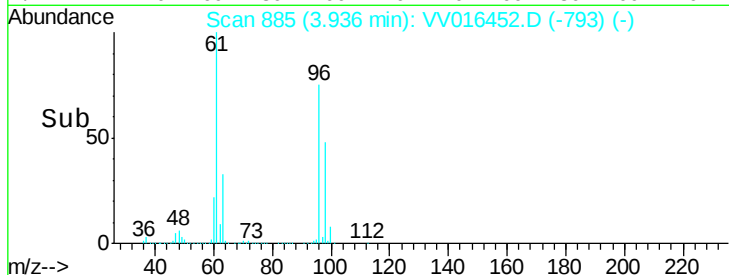
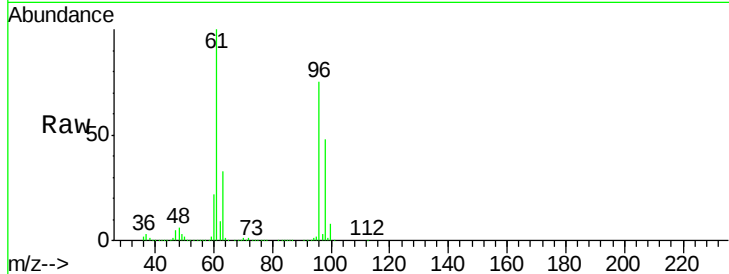
#20
 cis-1,2-Dichloroethene
 Concen: 1076.614 ug/L m
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV016452.D
 Acq: 03 Jun 2020 13:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB1

Tot Ion	Ion	Ratio	Lower	Upper
96	96	100		
61	61	132.7	93.4	173.4
68	68	0.0	0.0	0.0#

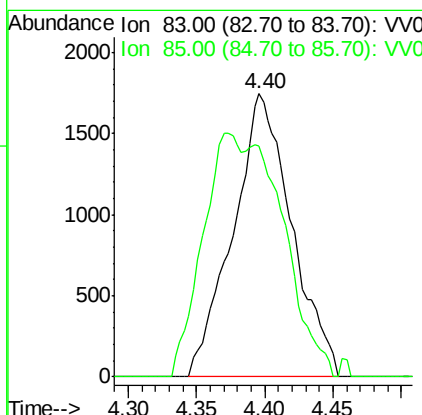
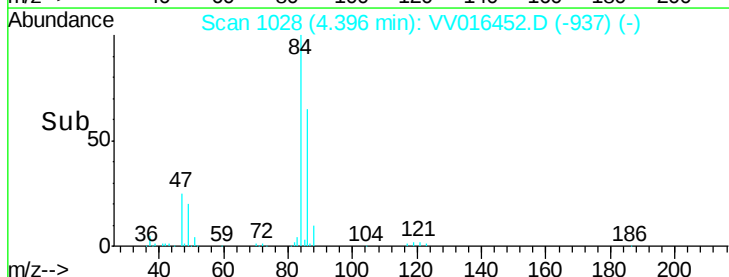
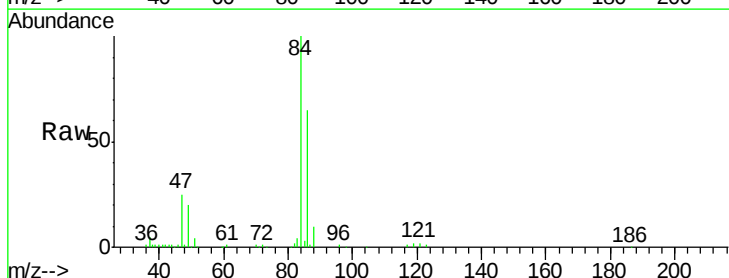
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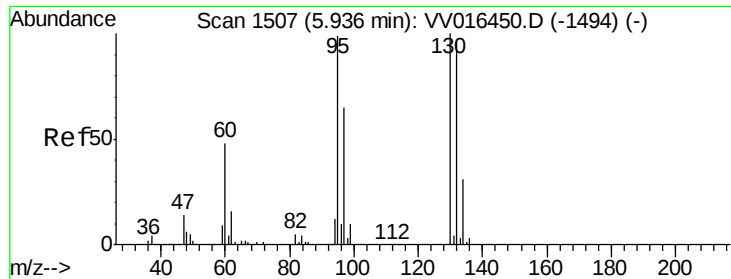
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#25
 Chloroform
 Concen: 0.979 ug/L
 RT: 4.40 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: VV016452.D
 Acq: 03 Jun 2020 13:22

Tgt Ion	Ion	Ratio	Lower	Upper
83	83	100		
85	85	81.4	46.1	85.7





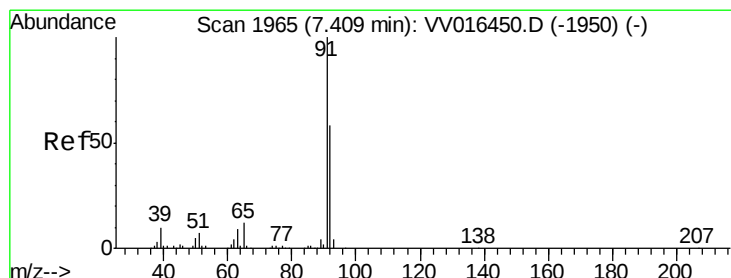
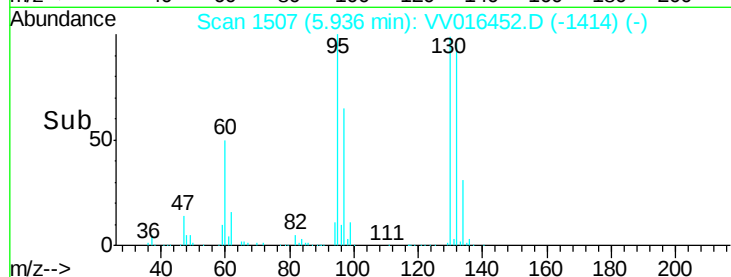
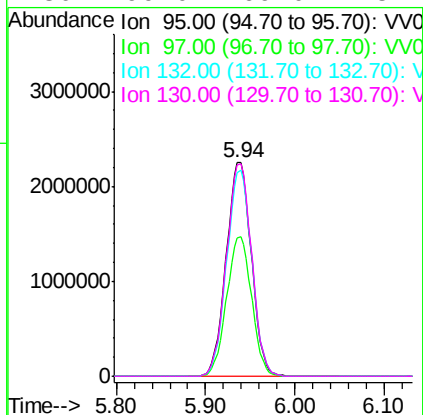
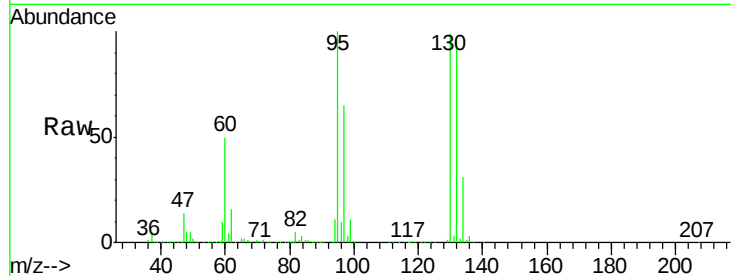
#34
 Trichloroethene
 Concen: 1520.726 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV016452.D
 Acq: 03 Jun 2020 13:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB1

Tot Ion: 95 Resp: 4379804
 Ion Ratio Lower Upper
 95 100
 97 64.8 42.8 79.6
 132 95.3 65.6 121.8
 130 99.0 69.0 128.1

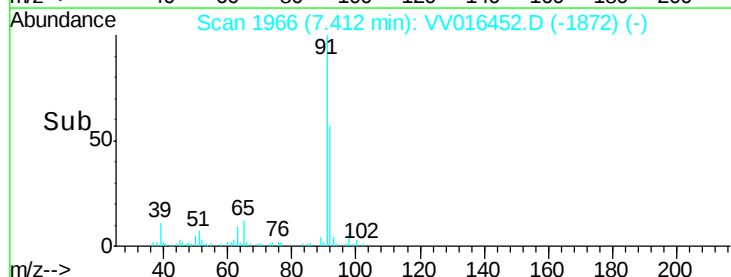
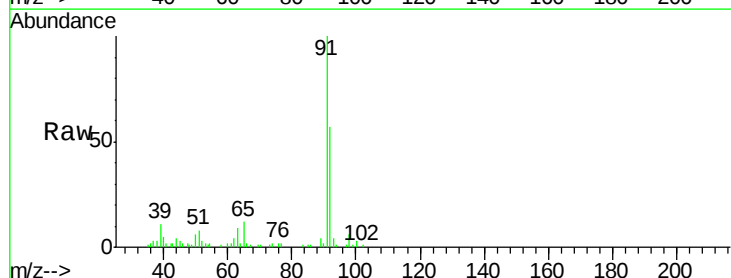
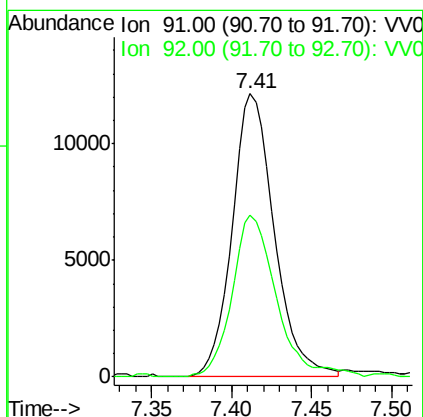
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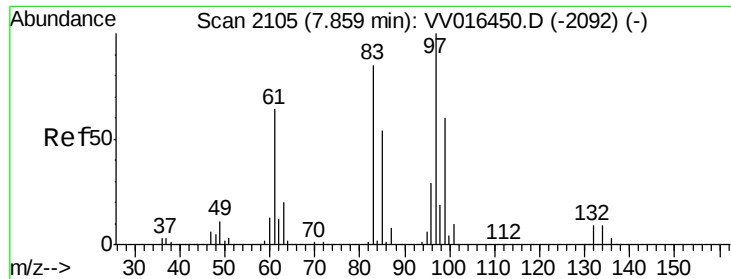
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#42
 Toluene
 Concen: 1.876 ug/L
 RT: 7.41 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: VV016452.D
 Acq: 03 Jun 2020 13:22

Tgt Ion: 91 Resp: 21817
 Ion Ratio Lower Upper
 91 100
 92 57.2 40.9 75.9





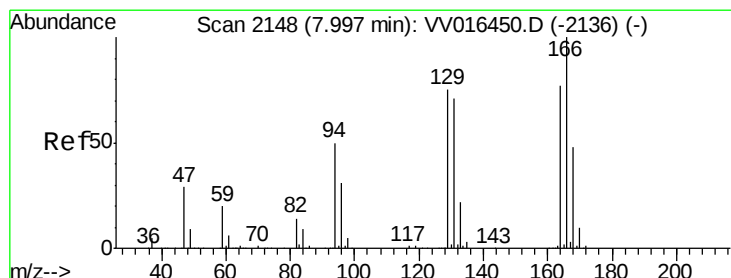
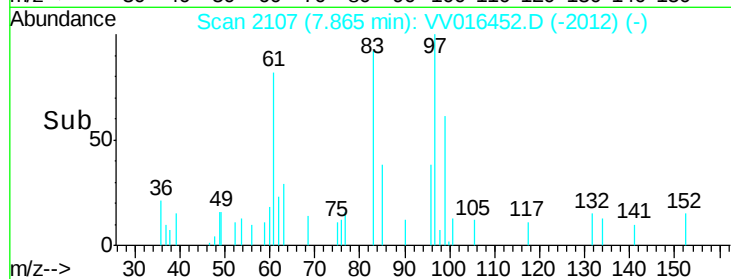
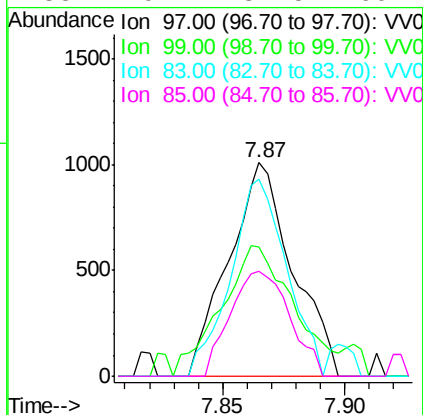
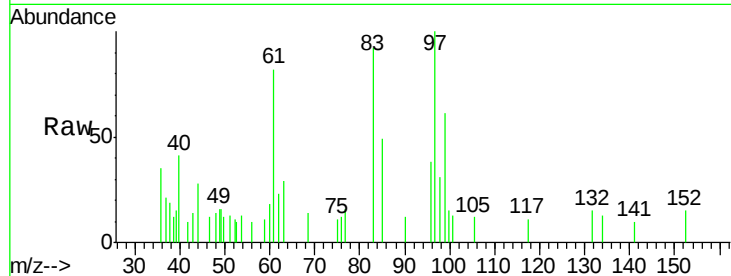
#45
 1,1,2-Trichloroethane
 Concen: 0.663 ug/L
 RT: 7.87 min Scan# 2107
 Delta R.T. 0.01 min
 Lab File: VV016452.D
 Acq: 03 Jun 2020 13:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB1

Tot Ion:	97	Resp:	1833
Ion	Ratio	Lower	Upper
97	100		
99	60.6	42.9	79.7
83	92.5	59.3	110.1
85	49.2	37.5	69.7

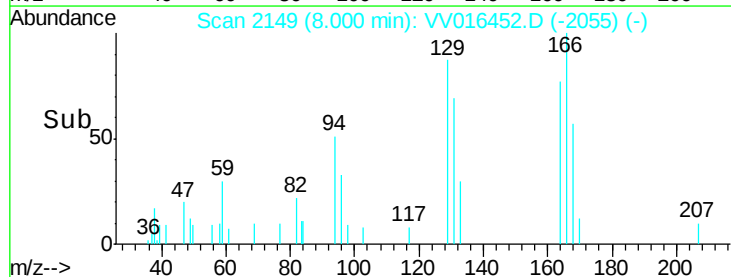
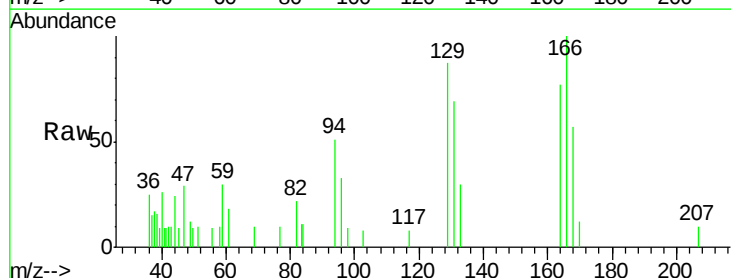
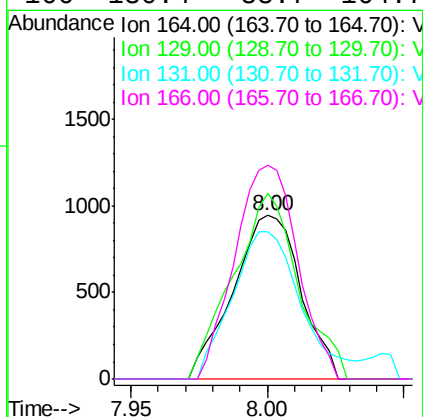
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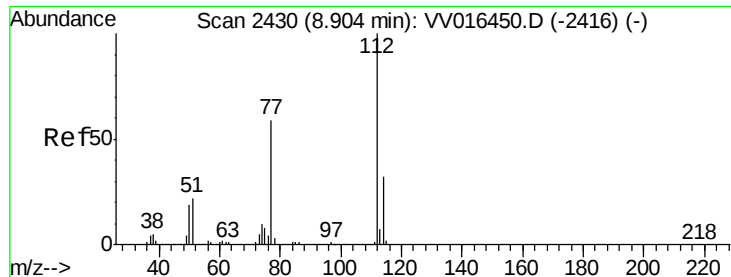
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#46
 Tetrachloroethene
 Concen: 0.733 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV016452.D
 Acq: 03 Jun 2020 13:22

Tgt Ion:	164	Resp:	1627
Ion	Ratio	Lower	Upper
164	100		
129	113.7	67.7	125.7
131	89.5	63.8	118.6
166	130.4	88.7	164.7





#51
 Chlorobenzene
 Concen: 0.908 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VV016452.D
 Acq: 03 Jun 2020 13:22

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB1

Tot Ion	Ratio	Lower	Upper
112	100		
114	28.7	22.7	42.1
77	61.7	47.4	71.2

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