

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
 Data File : VV016454.D
 Acq On : 03 Jun 2020 14:09
 Operator : SY/MD
 Sample : L2843-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB4

Manual Integrations
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 6/4/2020 3:39:37 PM

Quant Time: Jun 04 02:07:37 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	380750	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	358357	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166588	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	127881	47.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.84%
7) Chloroethane-d5	1.57	69	82979	42.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.24%
11) 1,1-Dichloroethene-d2	2.12	63	172994	36.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.38%
21) 2-Butanone-d5	3.90	46	193932	112.46	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.46%
24) Chloroform-d	4.38	84	241203	47.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.32%
26) 1,2-Dichloroethane-d4	5.06	65	164245	48.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.92%
32) Benzene-d6	5.08	84	484324	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.90%
36) 1,2-Dichloropropane-d6	6.10	67	153312	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.52%
41) Toluene-d8	7.34	98	427791	49.07	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.14%
43) trans-1,3-Dichloropropene-	7.64	79	66410	45.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.12%
47) 2-Hexanone-d5	8.11	63	141922	110.79	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.79%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	198750	48.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	168365	53.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.56%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	269960	92.309	ug/L	99
12) 1,1-Dichloroethene	2.13	96	10146	4.800	ug/L	# 1
13) Acetone	2.18	43	3994	2.478	ug/L	81
17) trans-1,2-Dichloroethene	2.78	96	19474	7.301	ug/L	96
20) cis-1,2-Dichloroethene	3.94	96	3112972	1081.489	ug/L	100
25) Chloroform	4.40	83	4859m	0.940	ug/L	
34) Trichloroethene	5.94	95	4794514	1733.731	ug/L	98
42) Toluene	7.41	91	19391	1.736	ug/L	97
45) 1,1,2-Trichloroethane	7.87	97	1798	0.677	ug/L	92
46) Tetrachloroethene	8.00	164	1920	0.900	ug/L	88
51) Chlorobenzene	8.90	112	6861	0.935	ug/L	98

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

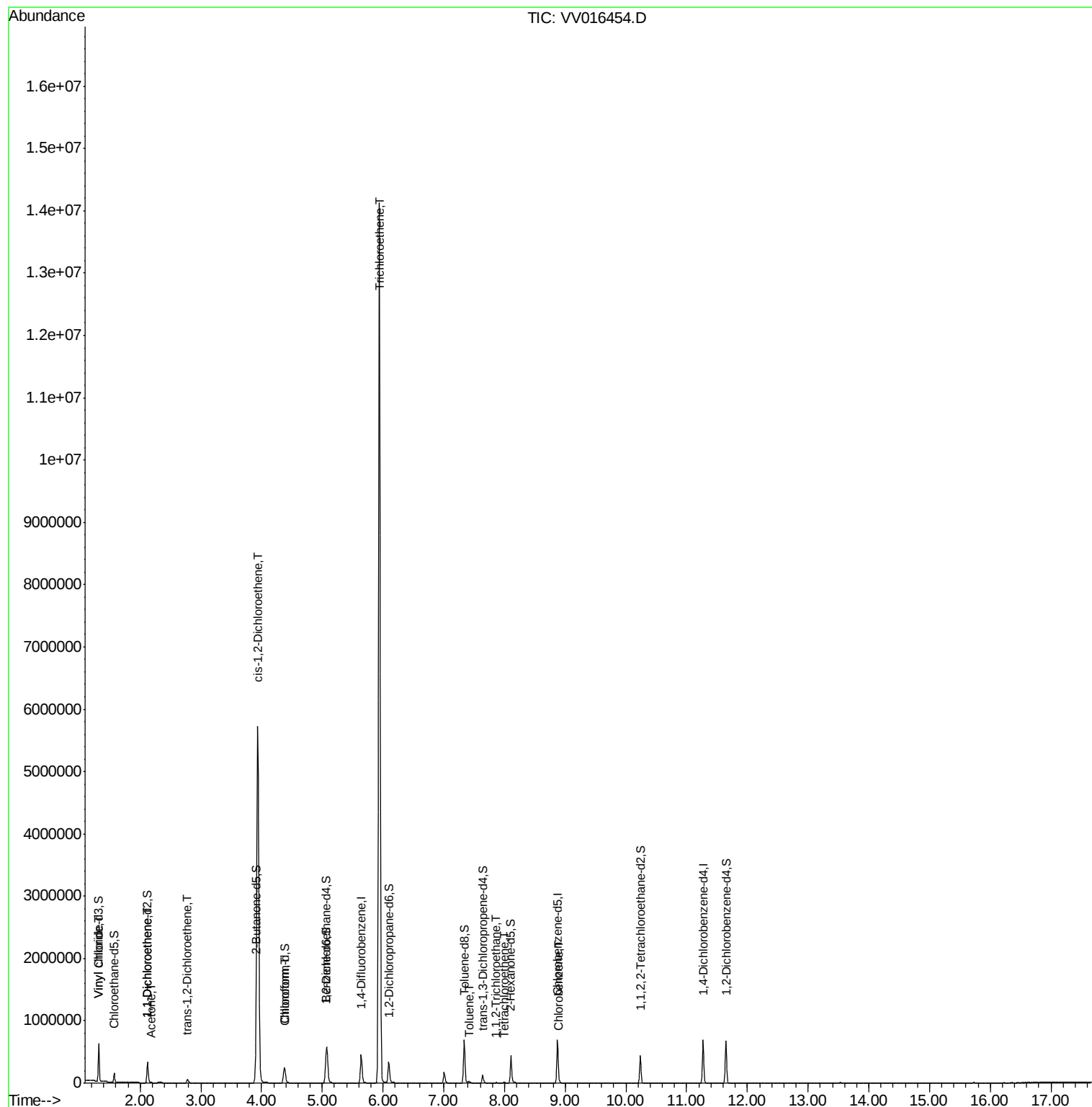
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060320\
Data File : VV016454.D
Acq On : 03 Jun 2020 14:09
Operator : SY/MD
Sample : L2843-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 31 Sample Multiplier: 1

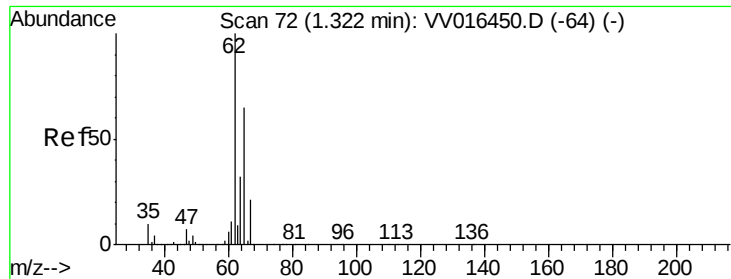
Instrument :
MSVOA_V
ClientSampleId :
C0AB4

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6/4/2020 3:39:37 PM

Quant Time: Jun 04 02:07:37 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





#5

Vinyl chloride

Concen: 92.309 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016454.D

Acq: 03 Jun 2020 14:09

Instrument :

MSVOA_V

ClientSampleId :

C0AB4

Tot Ion: 62 Resp: 269960

Ion Ratio Lower Upper

62 100

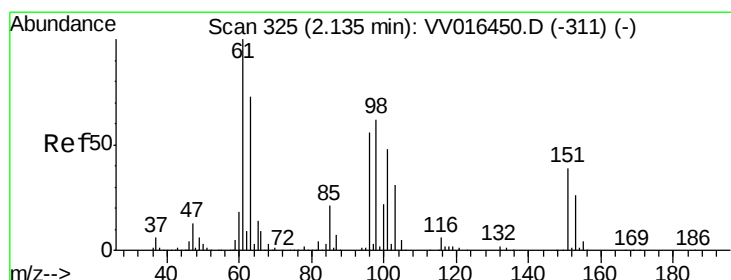
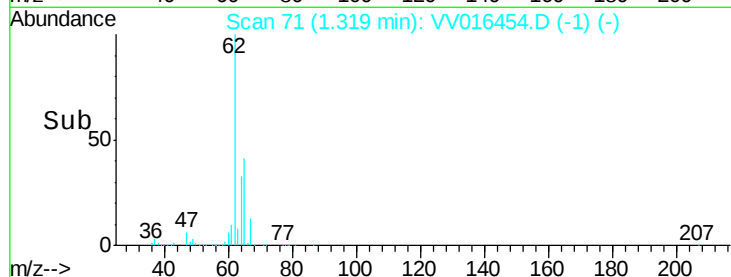
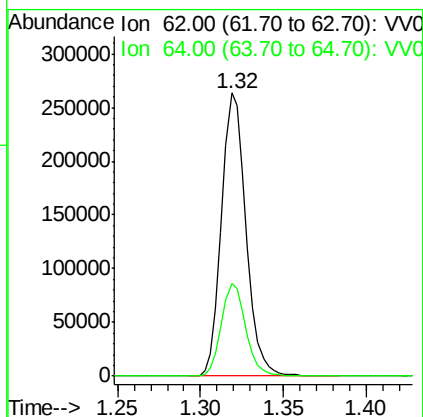
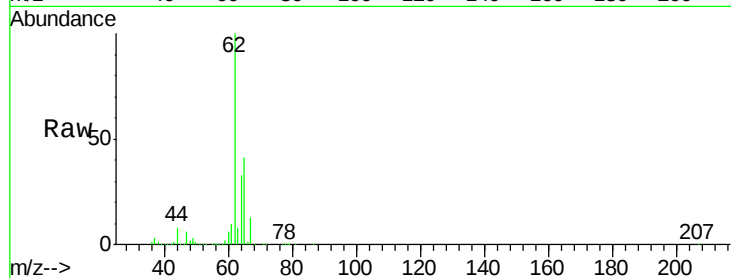
64 32.8 22.7 42.1

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#12

1,1-Dichloroethene

Concen: 4.800 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV016454.D

Acq: 03 Jun 2020 14:09

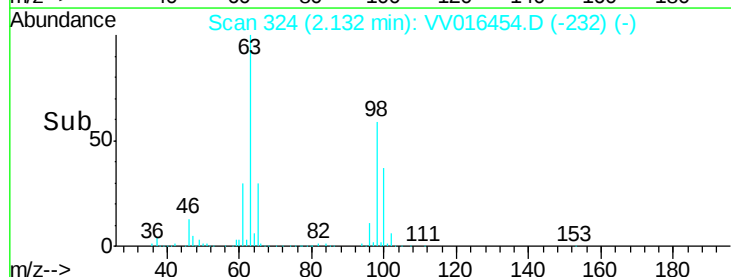
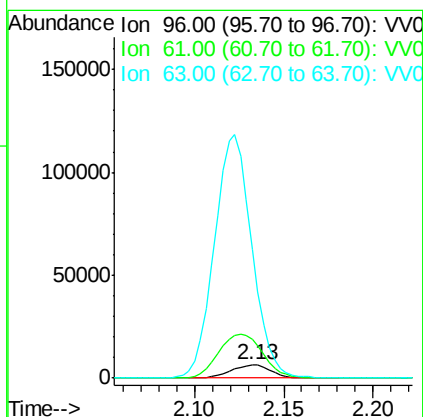
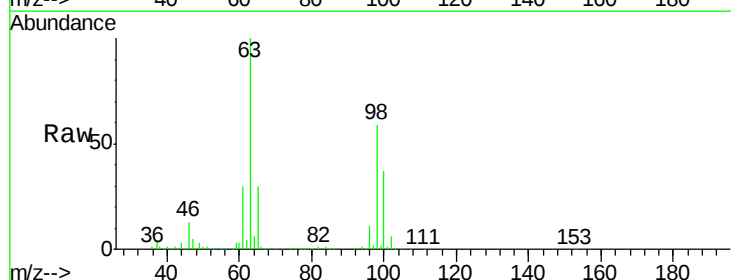
Tgt Ion: 96 Resp: 10146

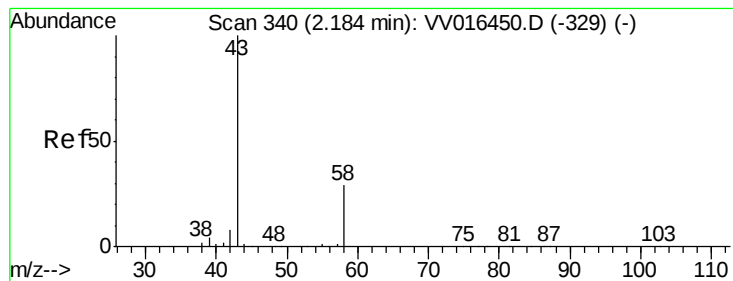
Ion Ratio Lower Upper

96 100

61 283.7 125.5 233.1#

63 946.0 104.0 193.1#





#13

Acetone

Concen: 2.478 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.01 min

Lab File: VV016454.D

Acq: 03 Jun 2020 14:09

Instrument :

MSVOA_V

ClientSampled :

C0AB4

Tot Ion: 43 Resp: 3994

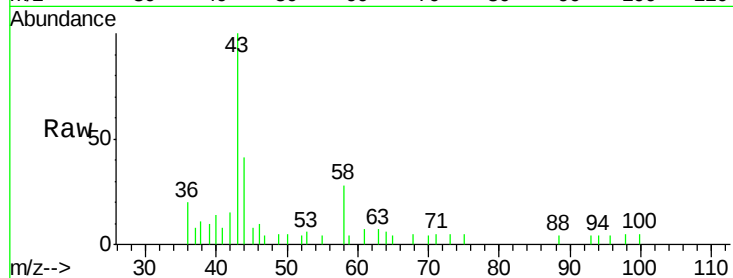
Ion Ratio Lower Upper

43 100

58 38.4 0.0 57.2

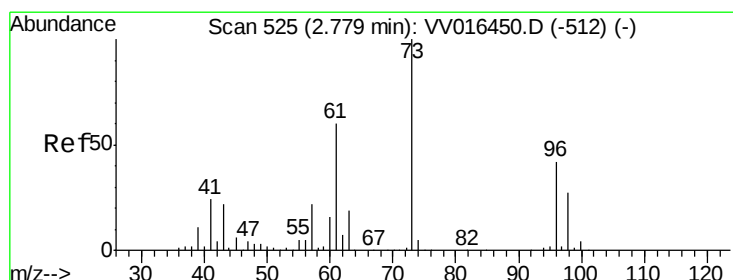
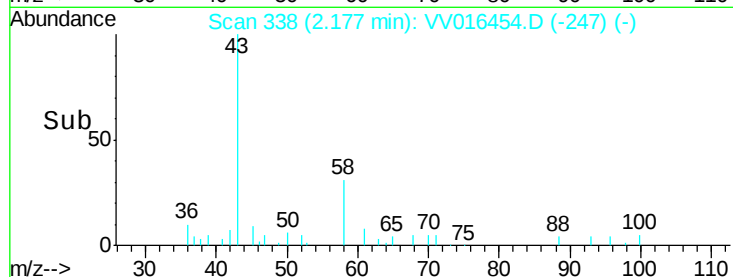
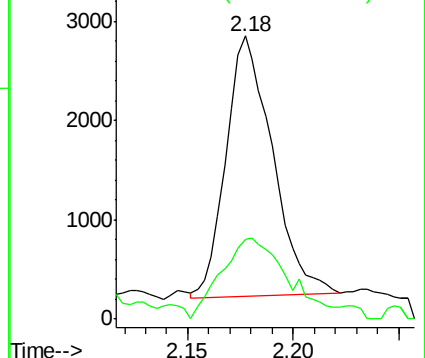
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Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#17

trans-1,2-Dichloroethene

Concen: 7.301 ug/L

RT: 2.78 min Scan# 526

Delta R.T. 0.00 min

Lab File: VV016454.D

Acq: 03 Jun 2020 14:09

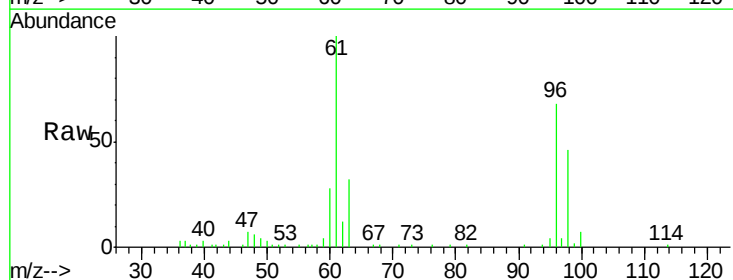
Tgt Ion: 96 Resp: 19474

Ion Ratio Lower Upper

96 100

61 148.1 101.0 187.6

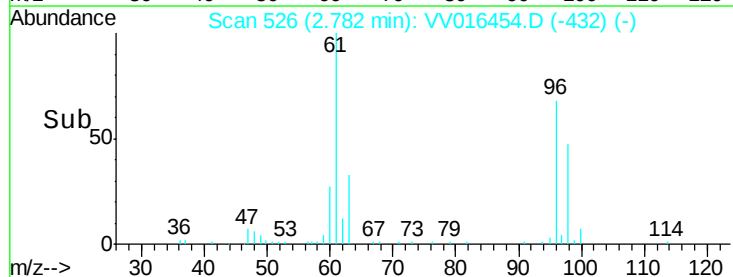
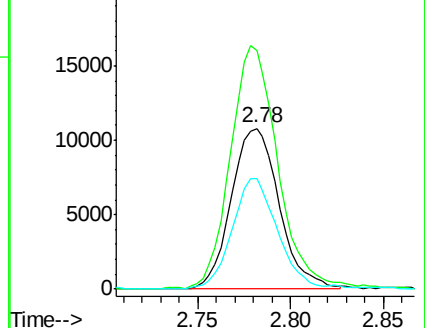
98 68.5 44.7 83.1

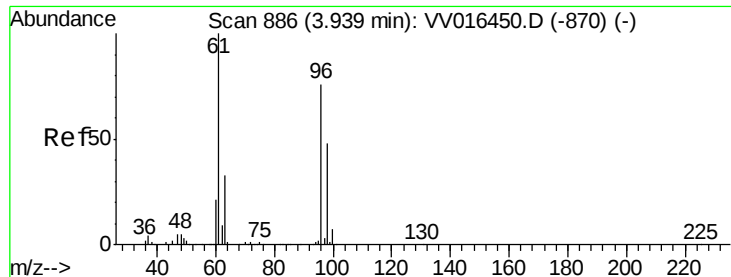


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





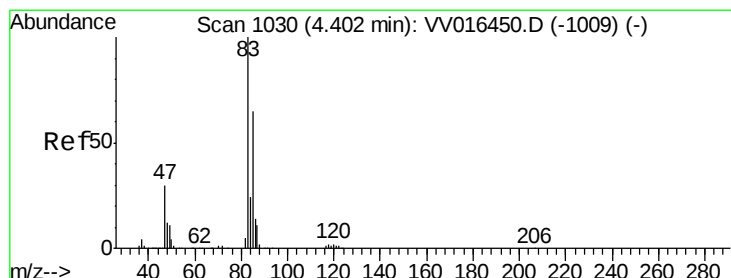
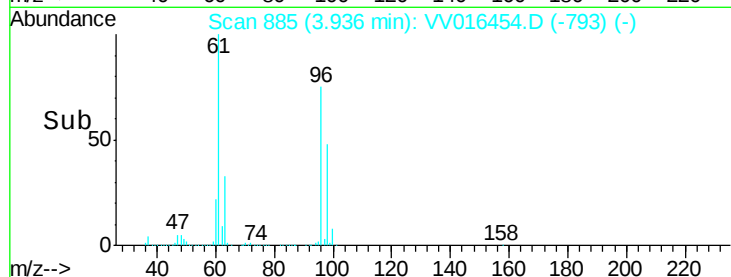
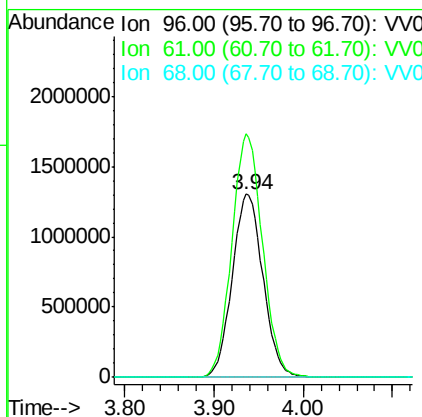
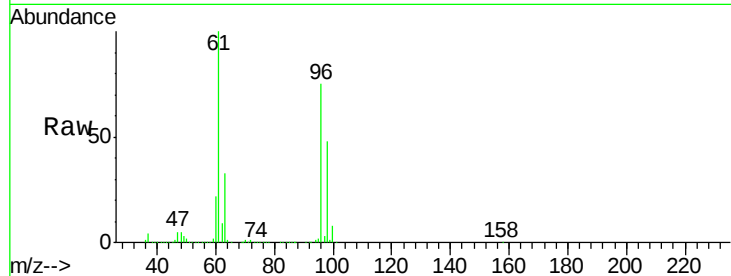
#20
 cis-1,2-Dichloroethene
 Concen: 1081.489 ug/L
 RT: 3.94 min Scan# 885
 Delta R.T. -0.00 min
 Lab File: VV016454.D
 Acq: 03 Jun 2020 14:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB4

Tot Ion	Ratio	Lower	Upper
96	100		
61	132.9	93.4	173.4
68	0.0	0.0	0.0

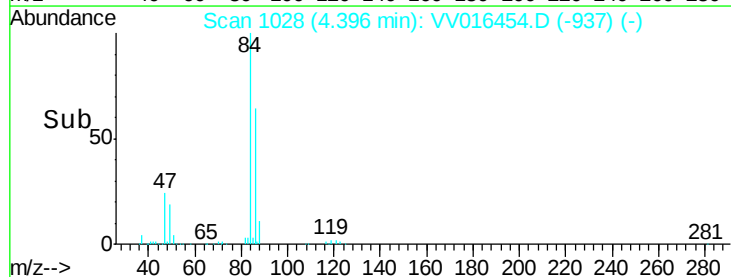
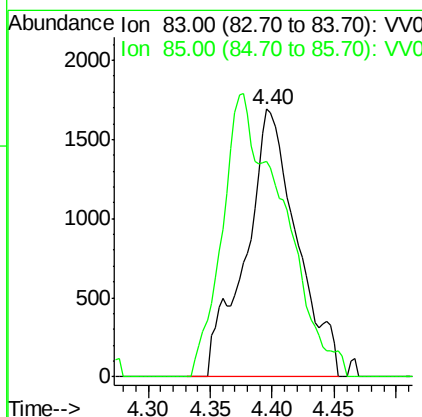
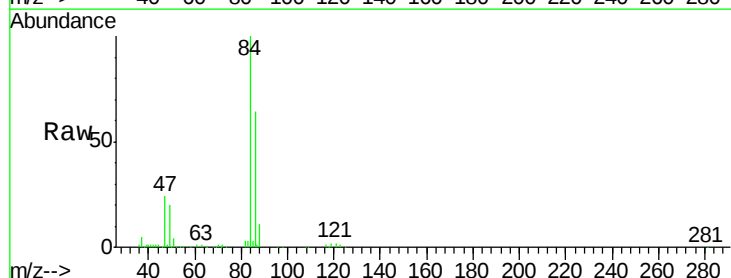
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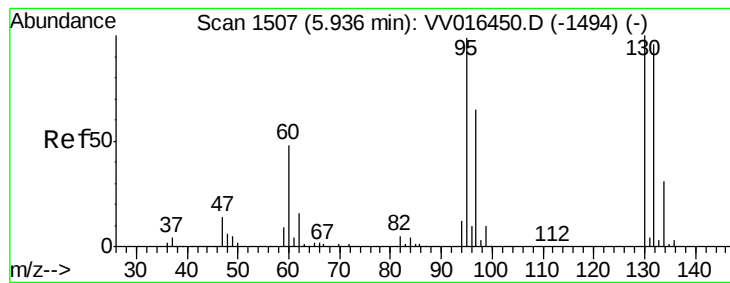
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#25
 Chloroform
 Concen: 0.940 ug/L m
 RT: 4.40 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: VV016454.D
 Acq: 03 Jun 2020 14:09

Tgt Ion	Ratio	Lower	Upper
83	100		
85	80.6	46.1	85.7





#34

Trichloroethene

Concen: 1733.731 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016454.D

Acq: 03 Jun 2020 14:09

Instrument :

MSVOA_V

ClientSampled :

C0AB4

Tot Ion: 95 Resp: 4794514

Ion Ratio Lower Upper

95 100

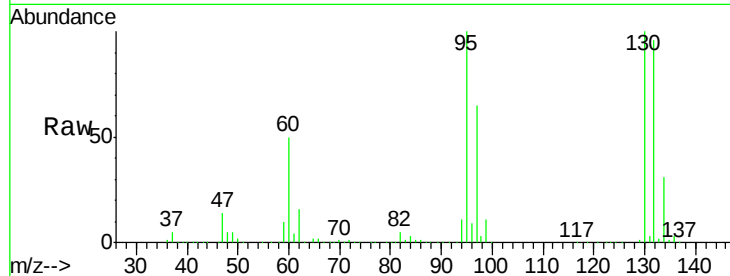
97 65.0 42.8 79.6

132 95.6 65.6 121.8

130 99.5 69.0 128.1

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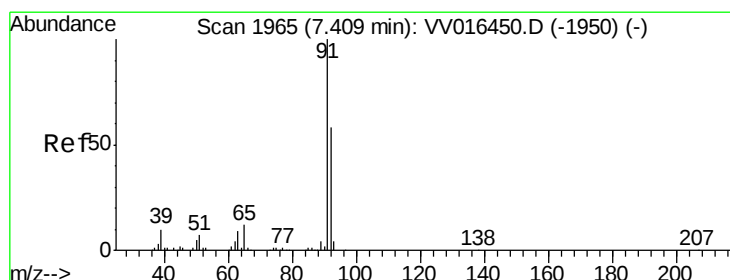
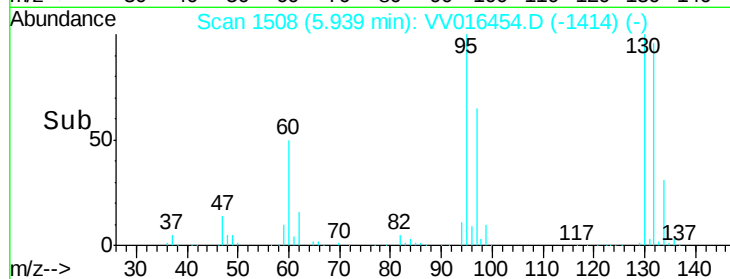
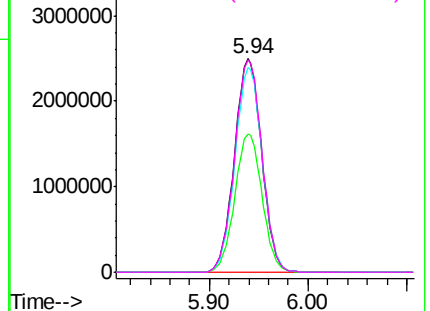


Abundance Ion 95.00 (94.70 to 95.70): VV016454.D (-1494) (-)

Ion 97.00 (96.70 to 97.70): VV016454.D (-1494) (-)

Ion 132.00 (131.70 to 132.70): VV016454.D (-1494) (-)

Ion 130.00 (129.70 to 130.70): VV016454.D (-1494) (-)



#42

Toluene

Concen: 1.736 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV016454.D

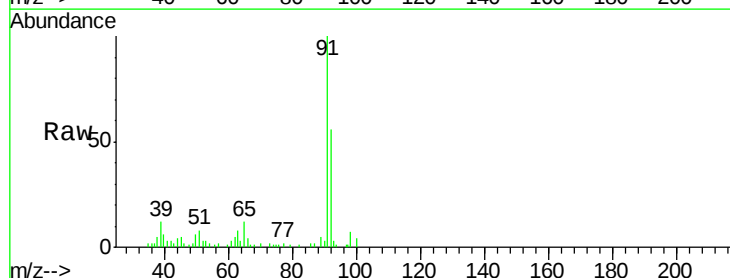
Acq: 03 Jun 2020 14:09

Tgt Ion: 91 Resp: 19391

Ion Ratio Lower Upper

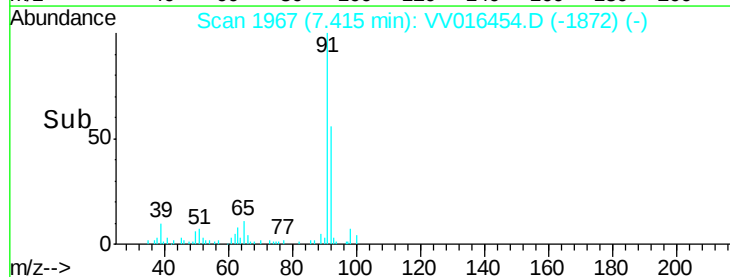
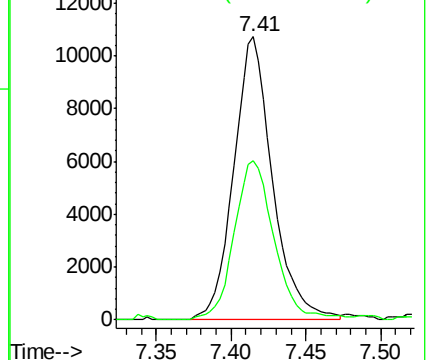
91 100

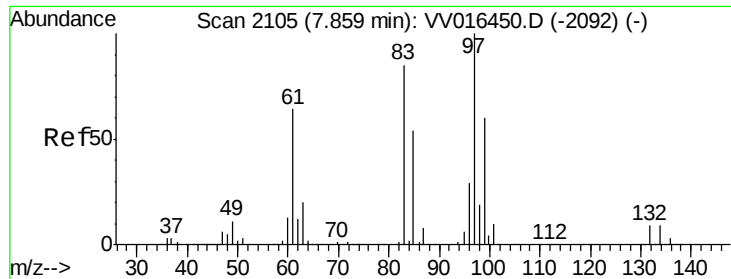
92 56.1 40.9 75.9



Abundance Ion 91.00 (90.70 to 91.70): VV016454.D (-1872) (-)

Ion 92.00 (91.70 to 92.70): VV016454.D (-1872) (-)





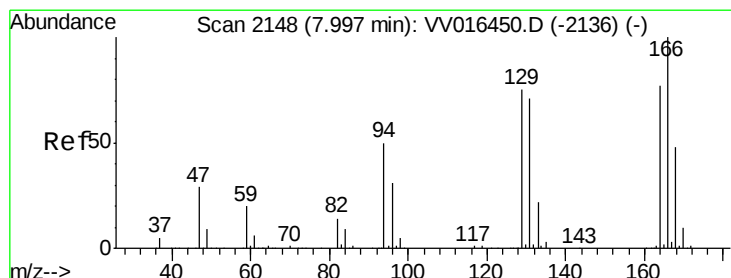
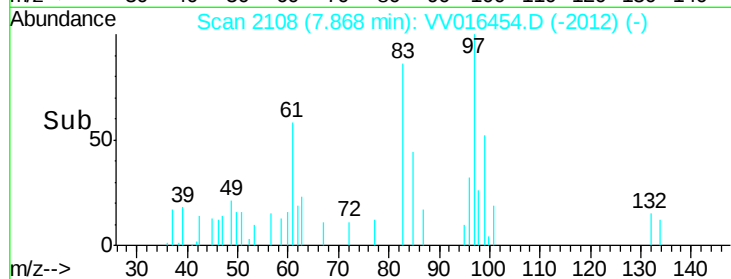
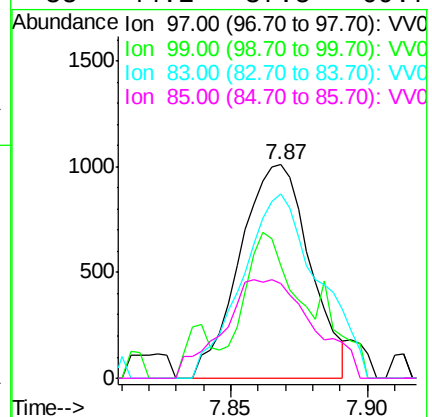
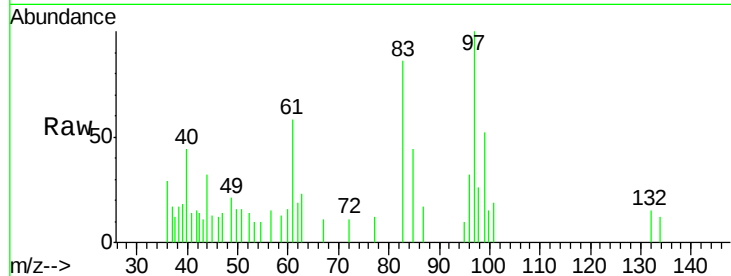
#45
 1,1,2-Trichloroethane
 Concen: 0.677 ug/L
 RT: 7.87 min Scan# 2108
 Delta R.T. 0.01 min
 Lab File: VV016454.D
 Acq: 03 Jun 2020 14:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB4

Tot Ion	97	Resp:	1798
Ion	Ratio	Lower	Upper
97	100		
99	52.5	42.9	79.7
83	86.1	59.3	110.1
85	44.2	37.5	69.7

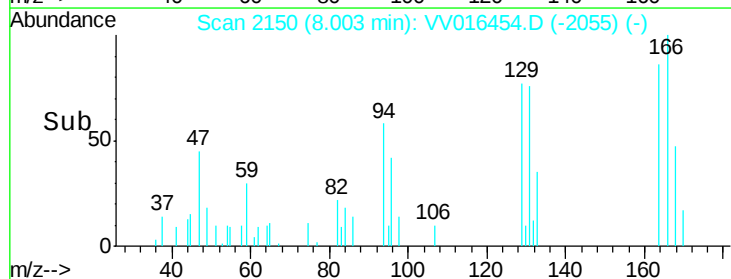
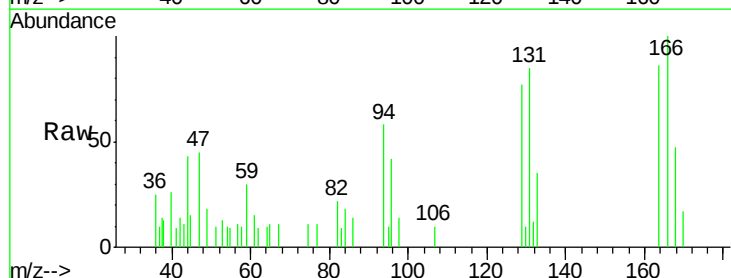
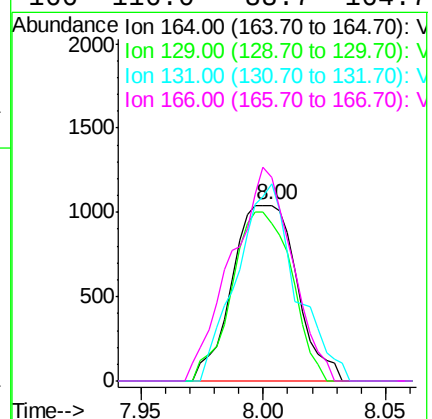
Manual Integrations
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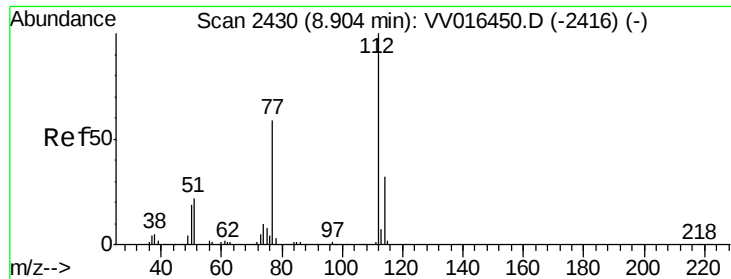
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#46
 Tetrachloroethene
 Concen: 0.900 ug/L
 RT: 8.00 min Scan# 2150
 Delta R.T. 0.01 min
 Lab File: VV016454.D
 Acq: 03 Jun 2020 14:09

Tgt Ion	164	Resp:	1920
Ion	Ratio	Lower	Upper
164	100		
129	89.4	67.7	125.7
131	112.0	63.8	118.6
166	116.0	88.7	164.7





#51
 Chlorobenzene
 Concen: 0.935 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VV016454.D
 Acq: 03 Jun 2020 14:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB4

Tot Ion:	112	Resp:	6861
Ion Ratio	Lower	Upper	
112	100		
114	29.3	22.7	42.1
77	59.1	47.4	71.2

Manual Integrations
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