

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016320.D
 Acq On : 29 May 2020 17:11
 Operator : SY/MD
 Sample : L2662-08DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B12DL

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 10:10:32 AM

Quant Time: May 30 02:01:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 00:00:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	97570	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	93515	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	46749	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27729	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.58	69	21578	3.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.40%
11) 1,1-Dichloroethene-d2	2.12	63	36314	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	3.98	46	83864	53.95	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.90%
24) Chloroform-d	4.38	84	56581	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.06	65	32521	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.07	84	116073	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.10	67	35556	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.34	98	104169	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
45) trans-1,3-Dichloropropene-	7.65	79	12086	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
48) 2-Hexanone-d5	8.13	63	68666	56.04	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.08%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	26069	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	41203	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	29313	3.431	ug/L	99
13) Acetone	2.24	43	9810m	10.196	ug/L	
18) trans-1,2-Dichloroethene	2.77	96	1086	0.172	ug/L	93
21) 2-Butanone	4.06	43	15183	8.871	ug/L #	75
22) cis-1,2-Dichloroethene	3.93	96	55756	7.486	ug/L	95
33) Benzene	5.12	78	40068	1.489	ug/L	100
42) Toluene	7.41	91	46067	1.570	ug/L	98
54) Ethylbenzene	9.03	91	56791	1.736	ug/L	97
55) m,p-xylene	9.16	106	21255	1.733	ug/L	98
56) o-xylene	9.57	106	14895	1.274	ug/L	98
57) Styrene	9.59	104	2306	0.119	ug/L #	73
58) Isopropylbenzene	9.95	105	4842	0.151	ug/L	97

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

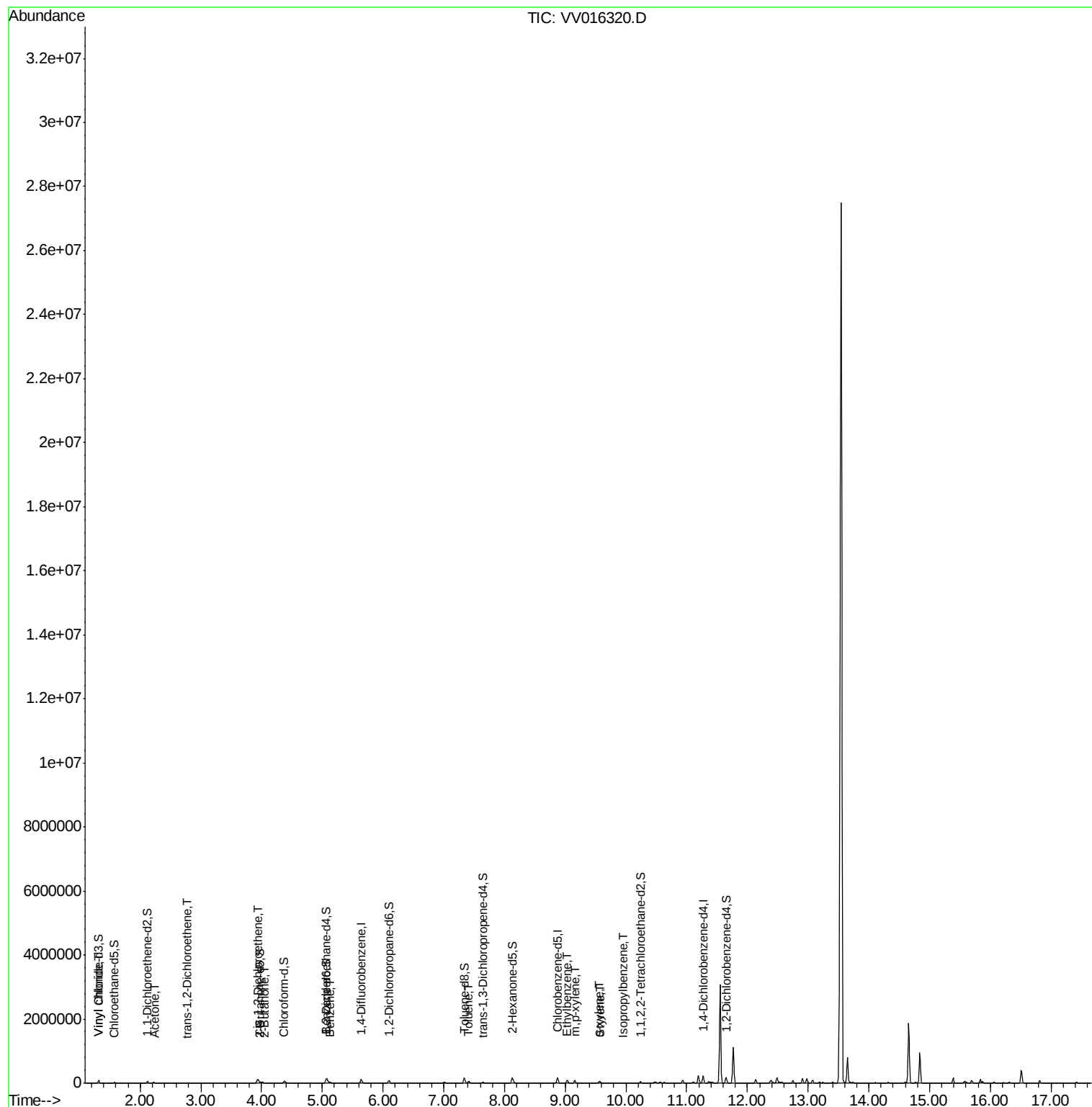
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
Data File : VV016320.D
Acq On : 29 May 2020 17:11
Operator : SY/MD
Sample : L2662-08DL 10X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 9 Sample Multiplier: 1

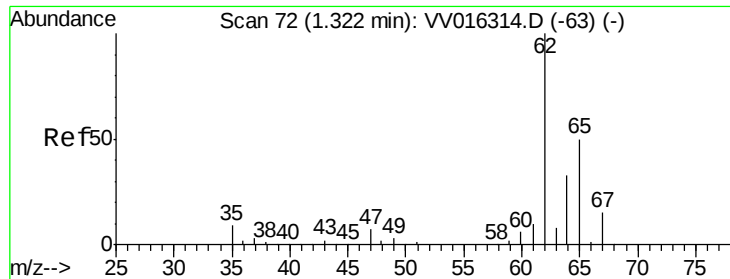
Instrument :
MSVOA_V
ClientSampleId :
F9B12DL

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Quant Time: May 30 02:01:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:00:26 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 3.431 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016320.D

Acq: 29 May 2020 17:11

Instrument :

MSVOA_V

ClientSampleId :

F9B12DL

Tot Ion: 62 Resp: 29313

Ion Ratio Lower Upper

62 100

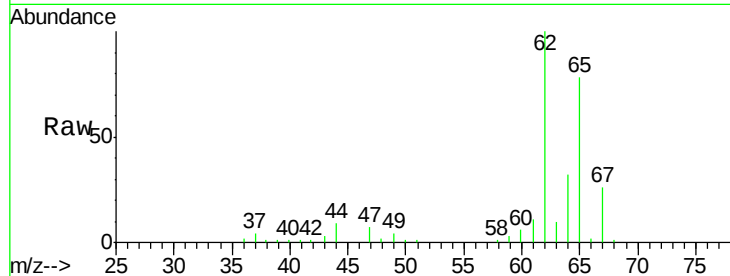
64 32.1 22.1 41.1

Manual Integrations

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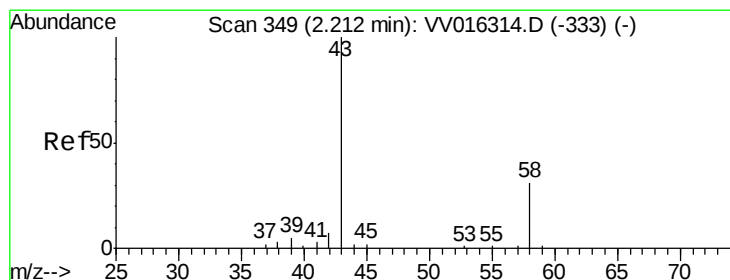
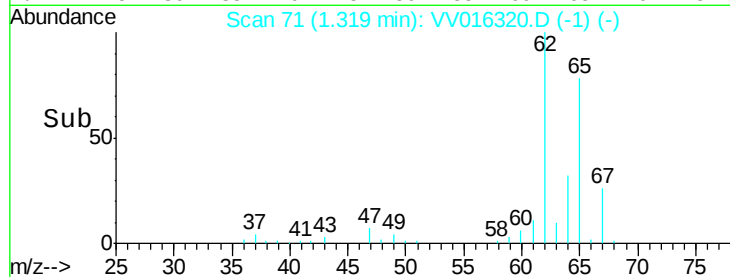
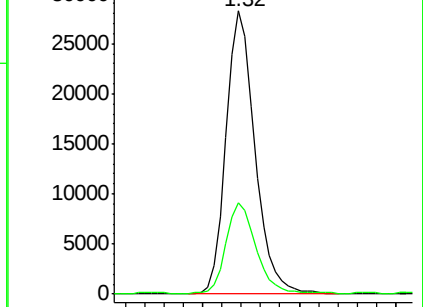
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Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#13

Acetone

Concen: 10.196 ug/L m

RT: 2.24 min Scan# 359

Delta R.T. 0.03 min

Lab File: VV016320.D

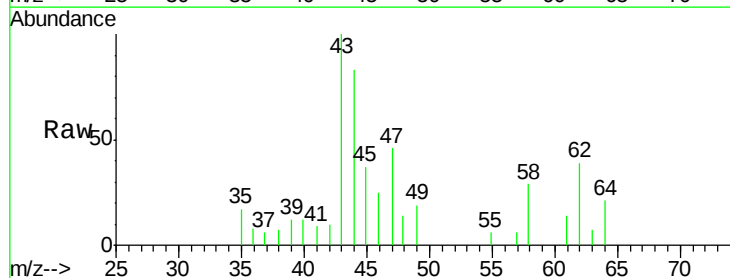
Acq: 29 May 2020 17:11

Tgt Ion: 43 Resp: 9810

Ion Ratio Lower Upper

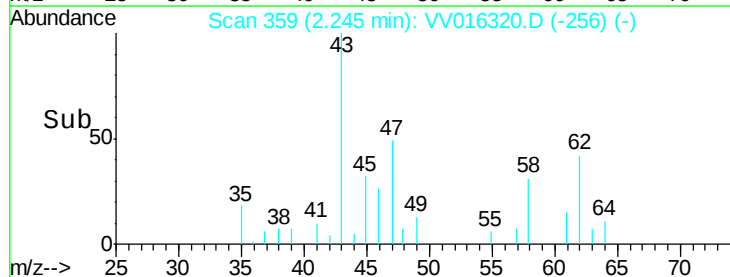
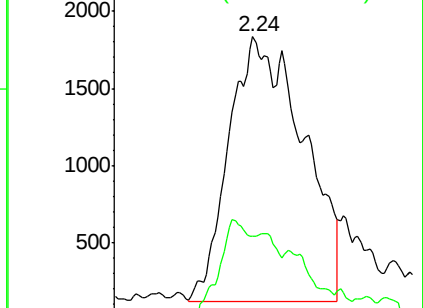
43 100

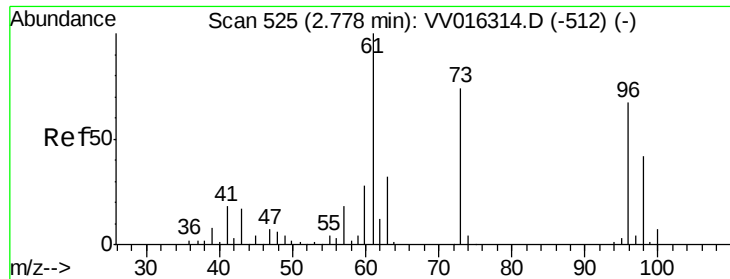
58 16.8 0.0 48.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#18

trans-1,2-Dichloroethene

Concen: 0.172 ug/L

RT: 2.77 min Scan# 523

Delta R.T. -0.01 min

Lab File: VV016320.D

Acq: 29 May 2020 17:11

Instrument :

MSVOA_V

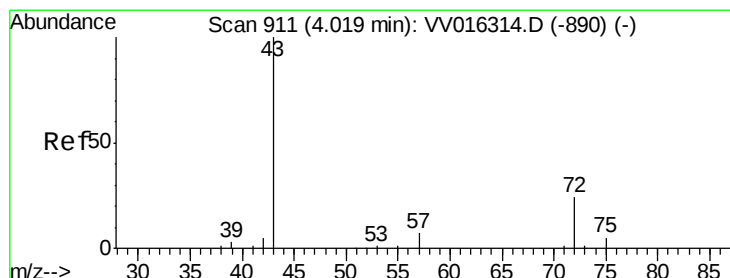
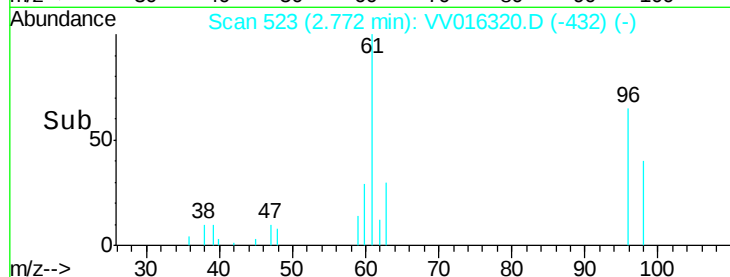
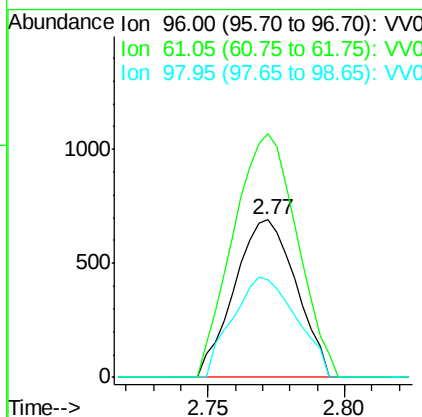
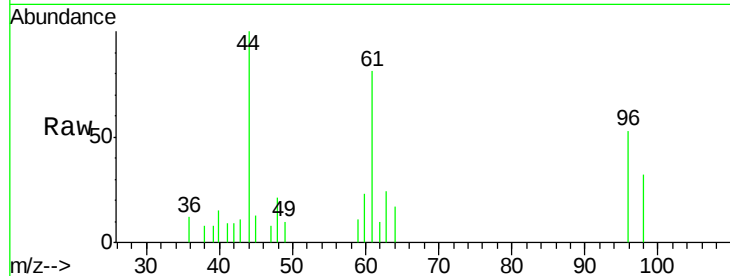
ClientSampled :

F9B12DL

Tot Ion:	96	Resp:	1086
Ion	Ratio	Lower	Upper
96	100		
61	154.3	99.8	185.4
98	61.6	44.0	81.6

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#21

2-Butanone

Concen: 8.871 ug/L

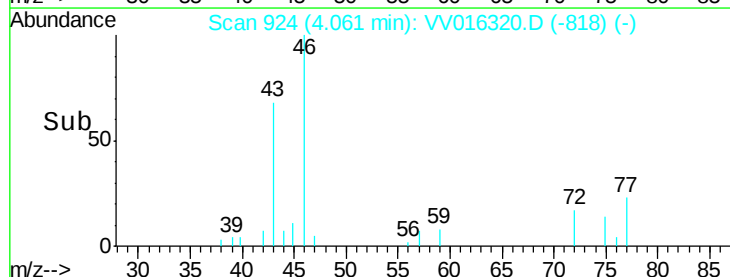
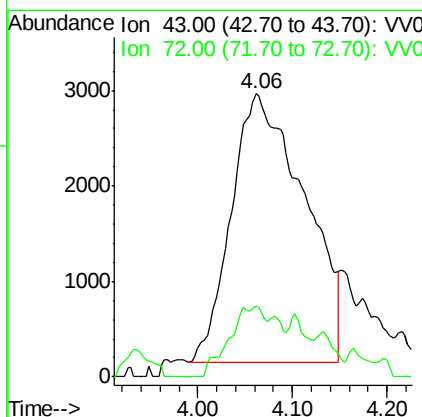
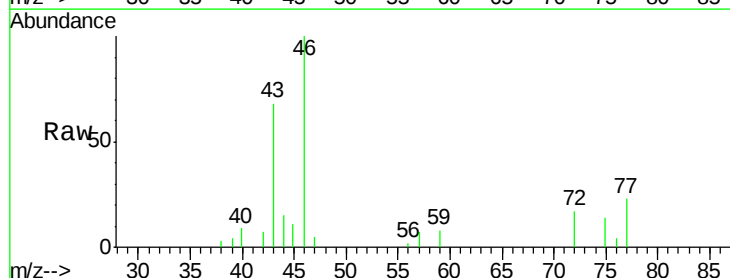
RT: 4.06 min Scan# 924

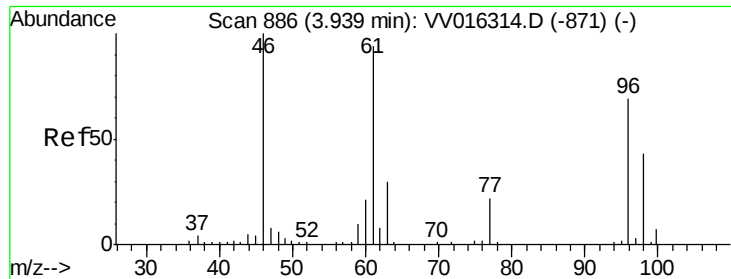
Delta R.T. 0.04 min

Lab File: VV016320.D

Acq: 29 May 2020 17:11

Tgt Ion:	43	Resp:	15183
Ion	Ratio	Lower	Upper
43	100		
72	7.8	9.7	28.9#





#22

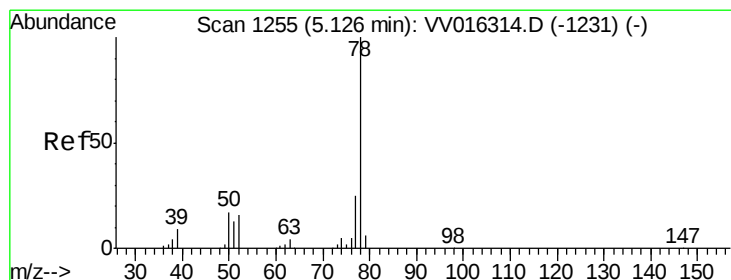
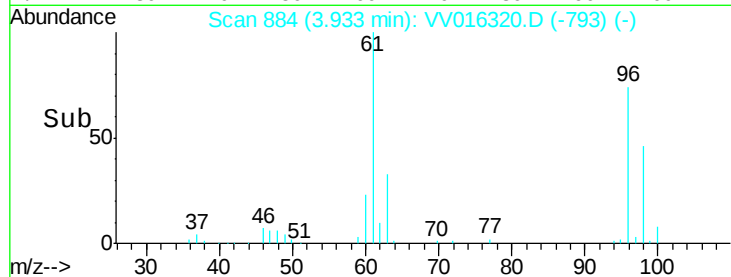
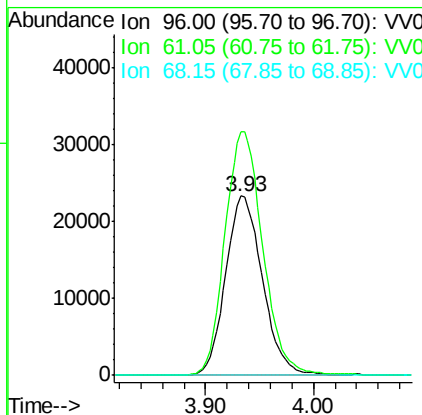
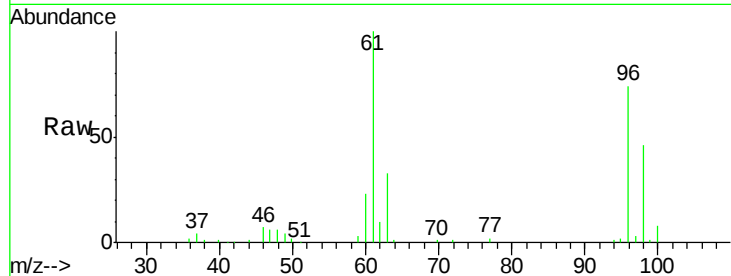
cis-1,2-Dichloroethene
 Concen: 7.486 ug/L
 RT: 3.93 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: VV016320.D
 Acq: 29 May 2020 17:11

Instrument :
 MSVOA_V
 ClientSampleId :
 F9B12DL

Tot Ion	Ion	Ratio	Lower	Upper
96	100			
61	135.9	99.7	185.1	
68	0.0	0.0	0.0	

Manual Integrations
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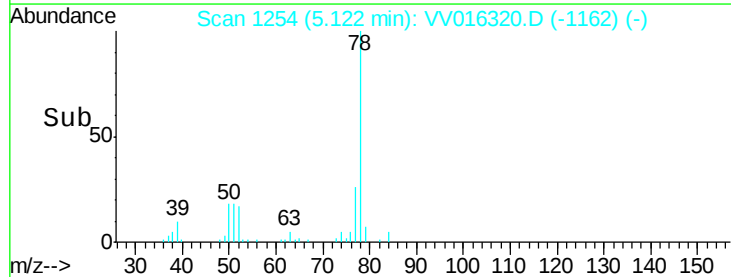
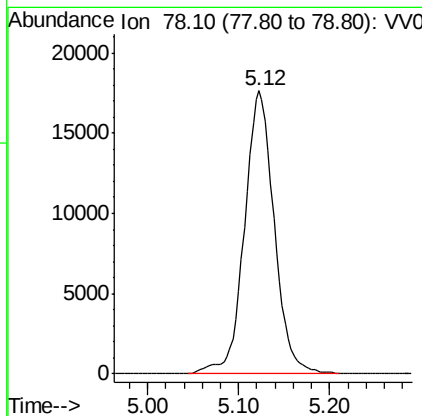
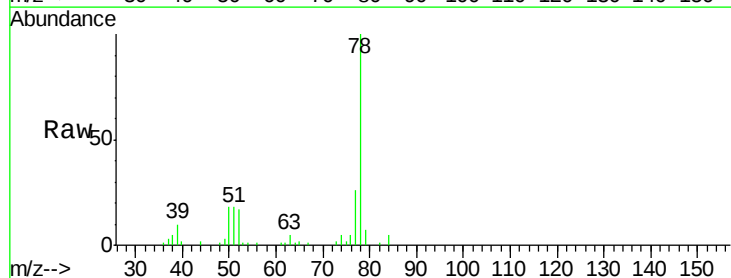
MMDadoda
 6/1/2020 10:10:32 AM

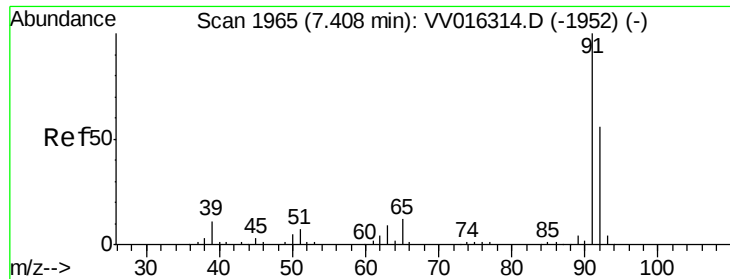


#33

Benzene
 Concen: 1.489 ug/L
 RT: 5.12 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: VV016320.D
 Acq: 29 May 2020 17:11

Tgt Ion: 78 Resp: 40068





#42

Toluene

Concen: 1.570 ug/L

RT: 7.41 min Scan# 1965

Delta R.T. -0.00 min

Lab File: VV016320.D

Acq: 29 May 2020 17:11

Instrument :

MSVOA_V

ClientSampleId :

F9B12DL

Tot Ion: 91 Resp: 46067

Ion Ratio Lower Upper

91 100

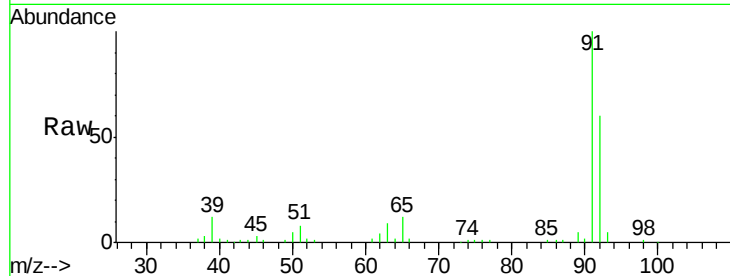
92 59.9 40.9 76.0

Manual Integrations

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6/1/2020 10:10:32 AM



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.41

30000

25000

20000

15000

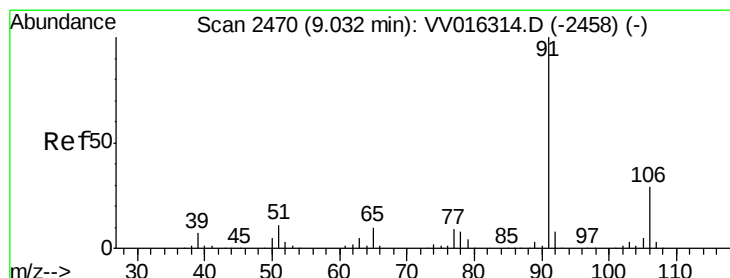
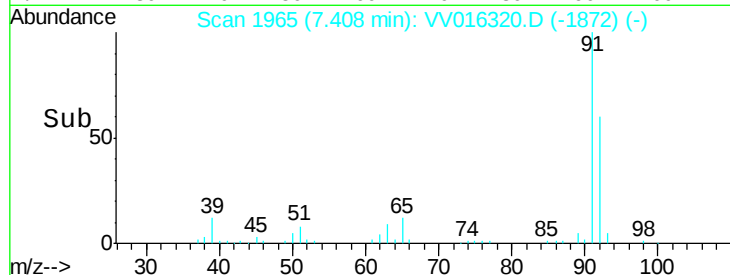
10000

5000

0

7.35 7.40 7.45 7.50

Time-->



#54

Ethylbenzene

Concen: 1.736 ug/L

RT: 9.03 min Scan# 2470

Delta R.T. -0.00 min

Lab File: VV016320.D

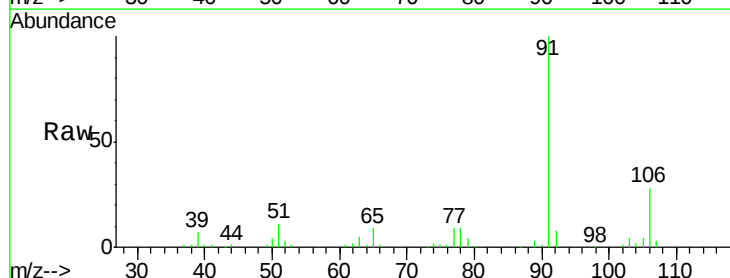
Acq: 29 May 2020 17:11

Tgt Ion: 91 Resp: 56791

Ion Ratio Lower Upper

91 100

106 28.2 21.0 39.0



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V

9.03

40000

30000

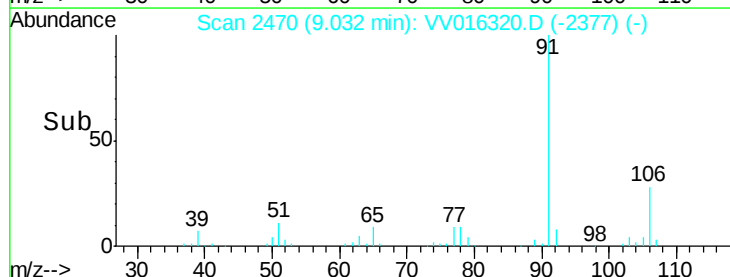
20000

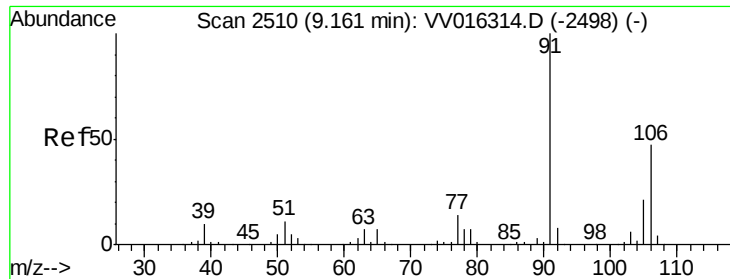
10000

0

8.95 9.00 9.05 9.10

Time-->





#55

m,p-xylene

Concen: 1.733 ug/L

RT: 9.16 min Scan# 2509

Delta R.T. -0.00 min

Lab File: VV016320.D

Acq: 29 May 2020 17:11

Instrument :

MSVOA_V

ClientSampled :

F9B12DL

Tot Ion:106 Resp: 21255

Ion Ratio Lower Upper

106 100

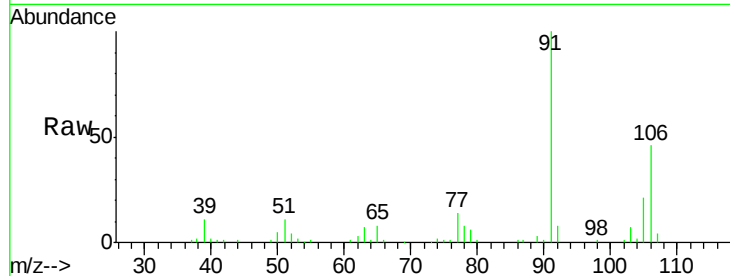
91 215.3 148.1 275.0

Manual Integrations

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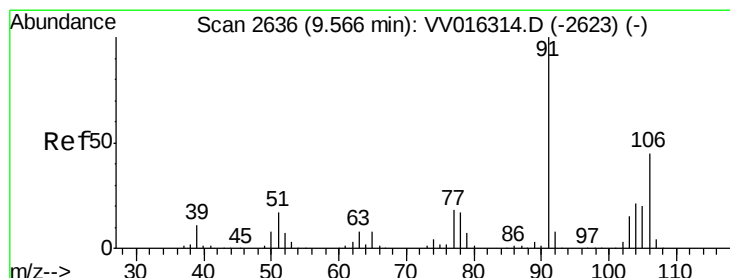
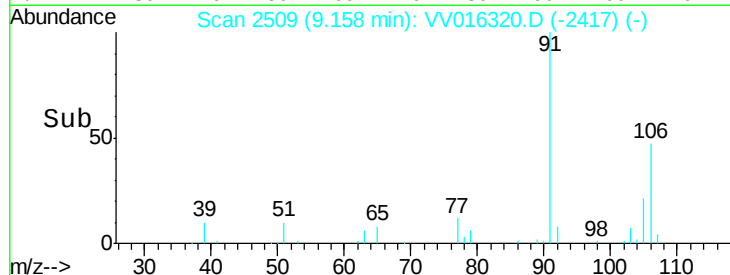
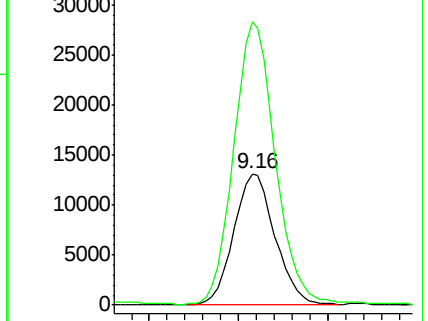
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6/1/2020 10:10:32 AM



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#56

o-xylene

Concen: 1.274 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. -0.00 min

Lab File: VV016320.D

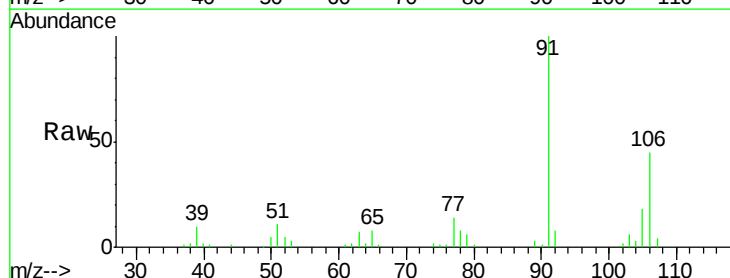
Acq: 29 May 2020 17:11

Tgt Ion:106 Resp: 14895

Ion Ratio Lower Upper

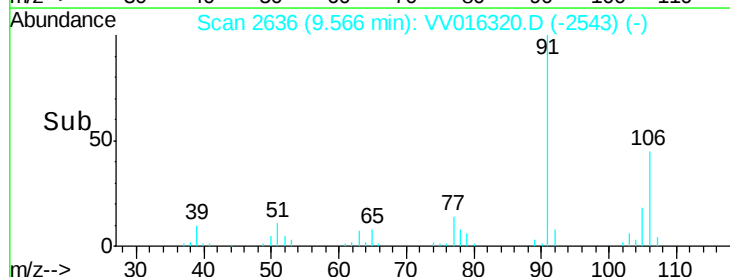
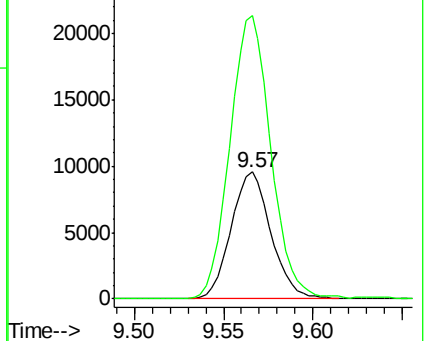
106 100

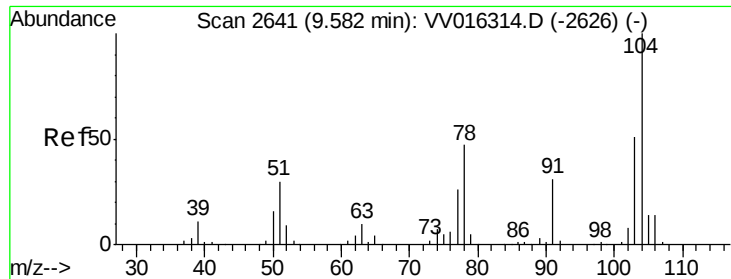
91 223.5 158.8 294.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0





#57

Stvrene

Concen: 0.119 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV016320.D

Acq: 29 May 2020 17:11

Instrument :

MSVOA_V

ClientSampled :

F9B12DL

Tot Ion:104 Resp: 2306

Ion Ratio Lower Upper

104 100

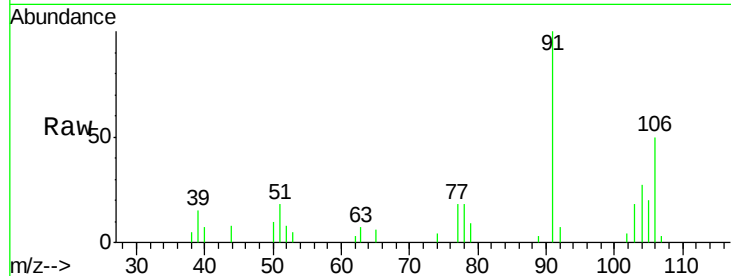
78 65.4 33.2 61.7#

Manual Integrations

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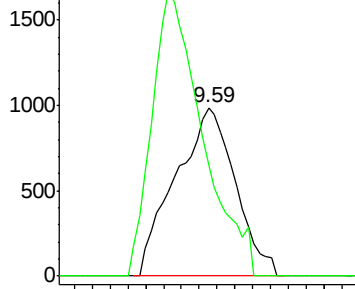
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6/1/2020 10:10:32 AM

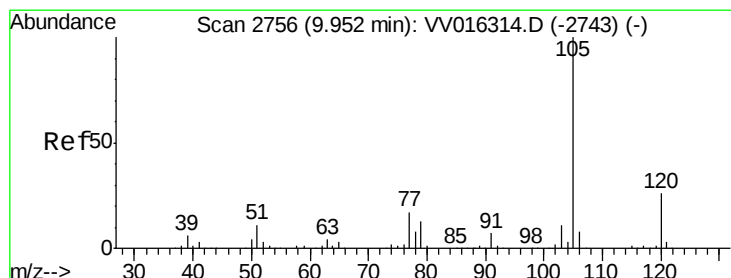
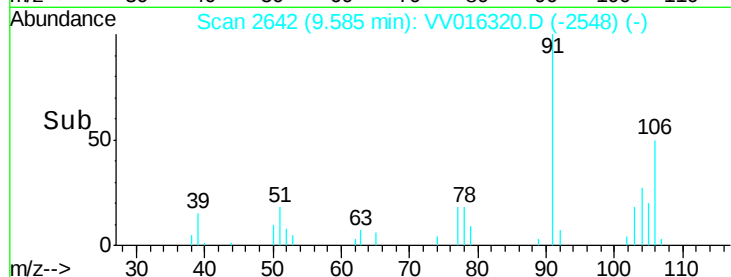


Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



Time-->



#58

Isopropylbenzene

Concen: 0.151 ug/L

RT: 9.95 min Scan# 2757

Delta R.T. 0.00 min

Lab File: VV016320.D

Acq: 29 May 2020 17:11

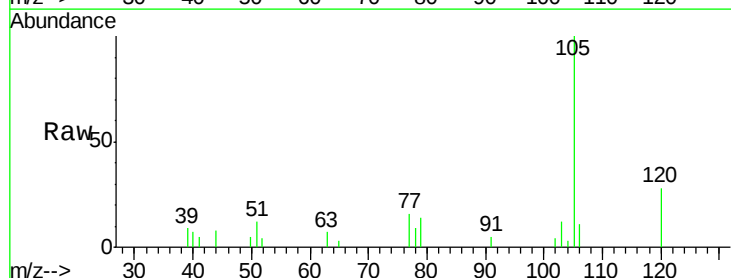
Tgt Ion:105 Resp: 4842

Ion Ratio Lower Upper

105 100

120 26.8 20.9 31.3

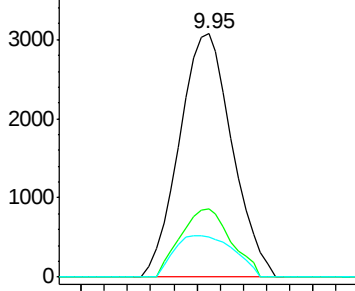
77 19.2 13.9 20.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0



Time-->

