

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\
 Data File : VV008233.D
 Acq On : 10 Oct 2018 14:32
 Operator : SY/MD
 Sample : J5315-02
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J93

Manual Integrations
 APPROVED

MMDadoda
 10/22/2018 4:17:06 PM

Quant Time: Oct 11 02:21:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR100518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 11 01:57:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88934	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	87010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	42676	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30215	5.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.80%
7) Chloroethane-d5	1.59	69	19933	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.14	63	34997	3.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.40%
20) 2-Butanone-d5	3.97	46	82199	62.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.18%
24) Chloroform-d	4.41	84	54903	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.09	65	27823	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	5.10	84	103104	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	34595	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.36	98	89873	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.67	79	11108	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.14	63	53524	54.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	24523	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	38488	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

						Qvalue
5) Vinyl chloride	1.33	62	1061870	187.66	ug/L	98
8) Chloroethane	1.60	64	7368m	1.95	ug/L	
12) 1,1-Dichloroethene	2.15	96	4109	0.85	ug/L #	1
13) Acetone	2.21	43	4662	5.24	ug/L	84
14) Carbon disulfide	2.32	76	3409	0.28	ug/L #	92
18) trans-1,2-Dichloroethene	2.79	96	41698	7.93	ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	4039326	681.03	ug/L	99
33) Benzene	5.15	78	11190	0.51	ug/L	100
34) Trichloroethene	5.96	95	604584	94.36	ug/L	99
42) Toluene	7.44	91	3634	0.16	ug/L	97
47) Tetrachloroethene	8.02	164	880264	153.83	ug/L	97
52) Ethylbenzene	9.06	91	137218	5.39	ug/L	99
53) m,p-xylene	9.19	106	85051	8.81	ug/L	96
54) o-xylene	9.59	106	100213	10.88	ug/L	96
56) Isopropylbenzene	9.98	105	3220	0.13	ug/L	98

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

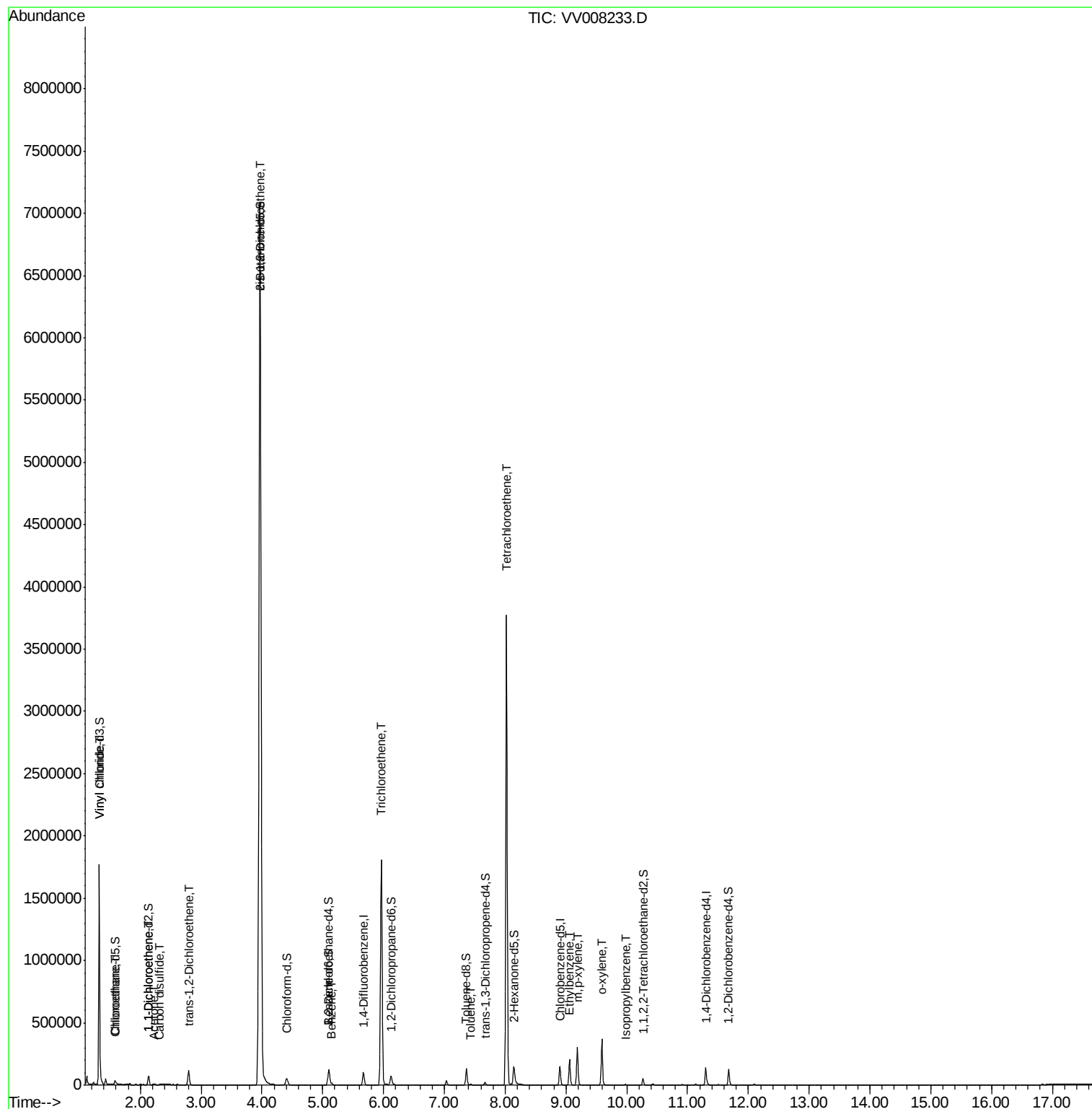
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101018\
Data File : VV008233.D
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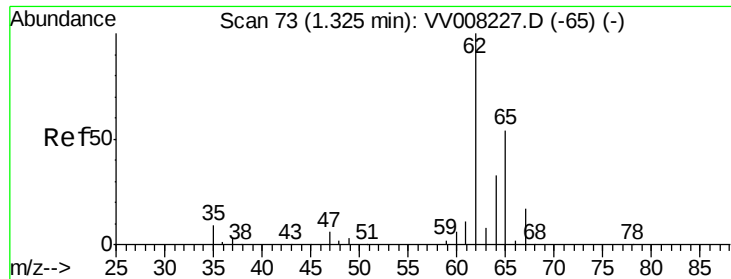
Instrument :
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C0J93

Manual Integrations
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QLast Update : Thu Oct 11 01:57:50 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 187.66 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008233.D

Acq: 10 Oct 2018 14:32

Instrument :

MSVOA_V

ClientSampled :

C0J93

Tgt Ion: 62 Resp: 1061870

Ion Ratio Lower Upper

62 100

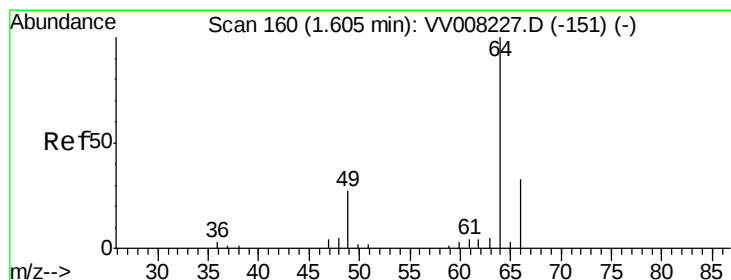
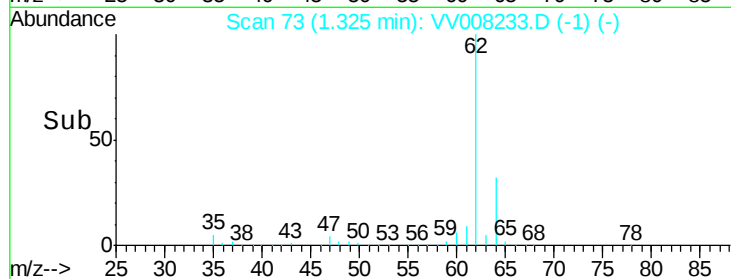
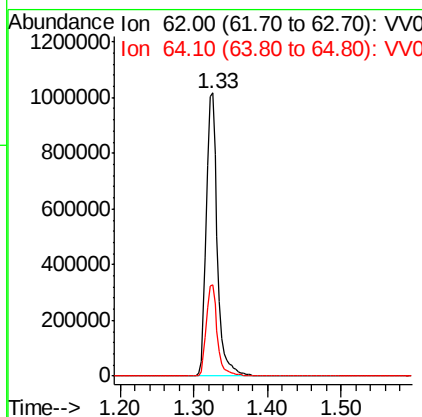
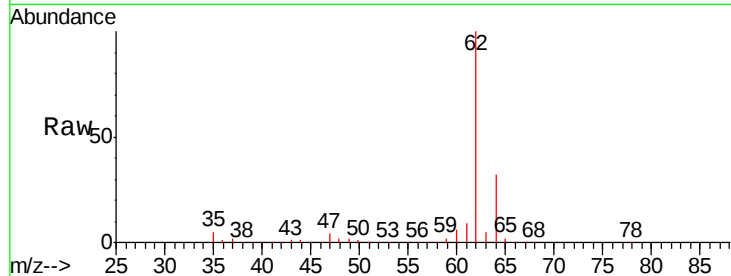
64 32.3 23.4 43.4

Manual Integrations

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#8

Chloroethane

Concen: 1.95 ug/L m

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV008233.D

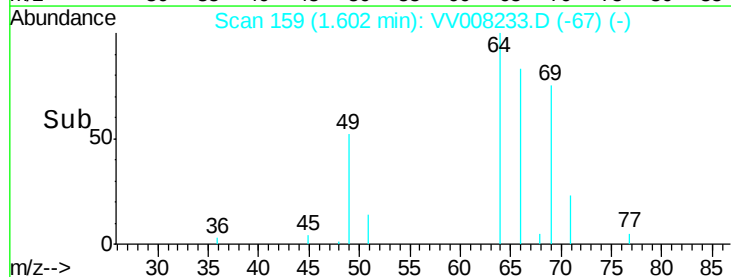
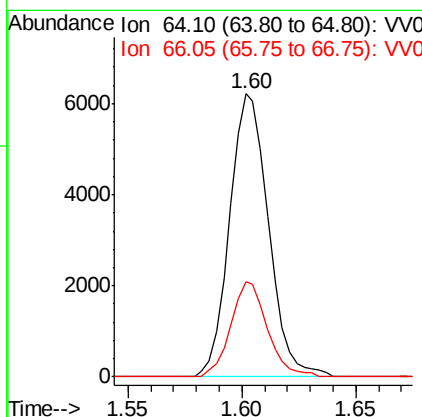
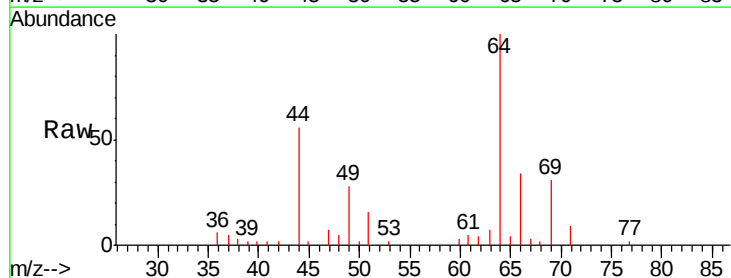
Acq: 10 Oct 2018 14:32

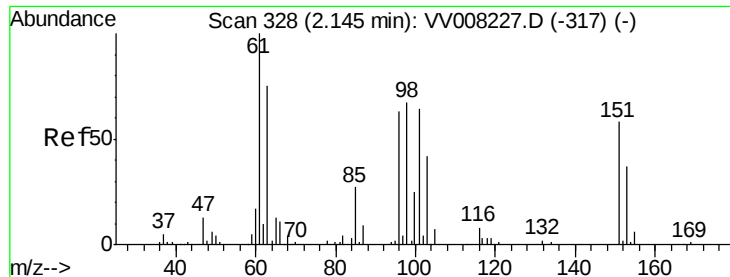
Tgt Ion: 64 Resp: 7368

Ion Ratio Lower Upper

64 100

66 33.6 24.1 44.8





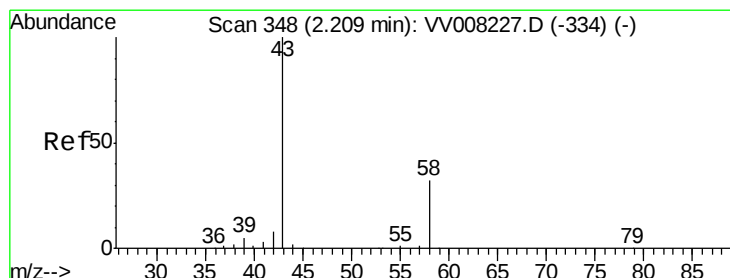
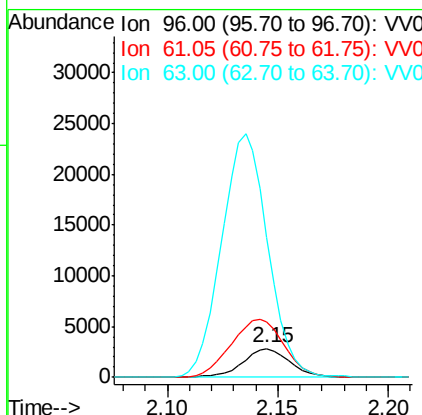
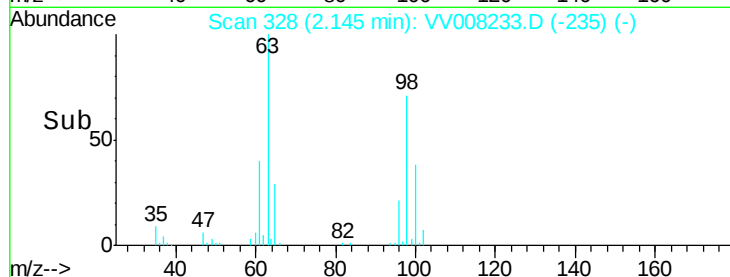
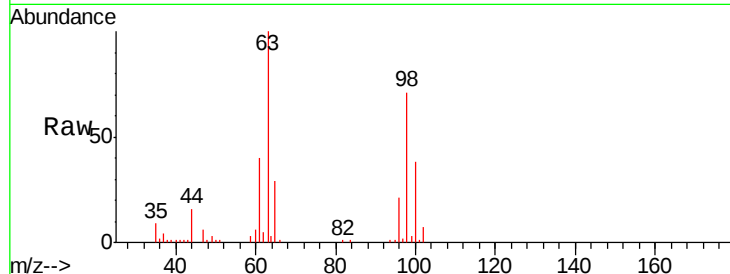
#12
 1,1-Dichloroethene
 Concen: 0.85 ug/L
 RT: 2.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VV008233.D
 Acq: 10 Oct 2018 14:32

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J93

Tgt Ion	Ratio	Lower	Upper
96	100		
61	191.3	114.7	213.1
63	482.7	96.9	179.9

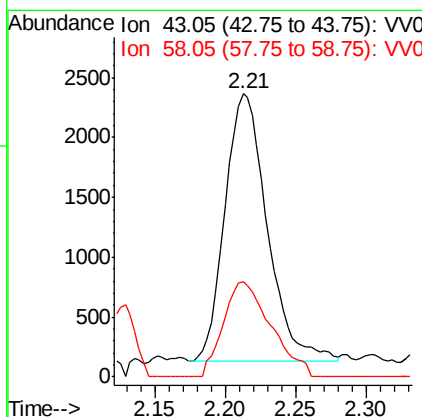
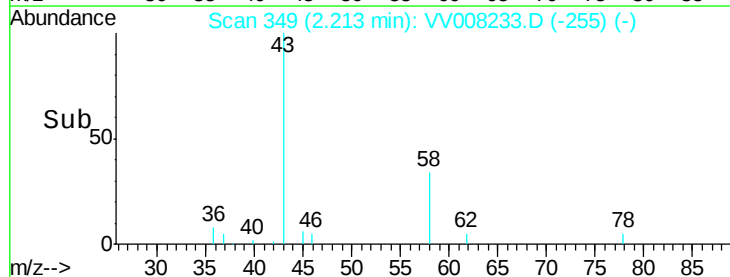
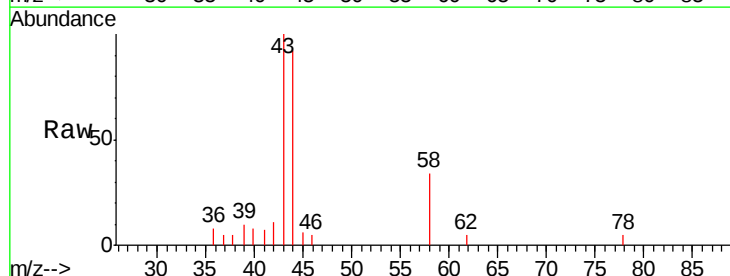
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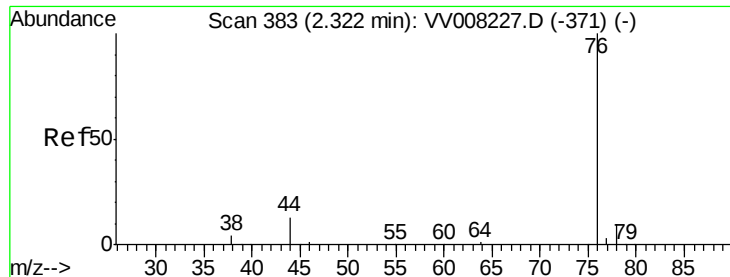
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#13
 Acetone
 Concen: 5.24 ug/L
 RT: 2.21 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VV008233.D
 Acq: 10 Oct 2018 14:32

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	0.0	62.2





#14

Carbon disulfide

Concen: 0.28 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV008233.D

Acq: 10 Oct 2018 14:32

Instrument :

MSVOA_V

ClientSampled :

C0J93

Tgt Ion: 76 Resp: 3409

Ion Ratio Lower Upper

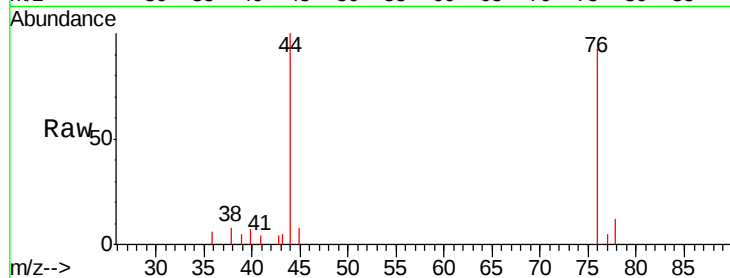
76 100

78 13.1 8.0 12.0#

Manual Integrations
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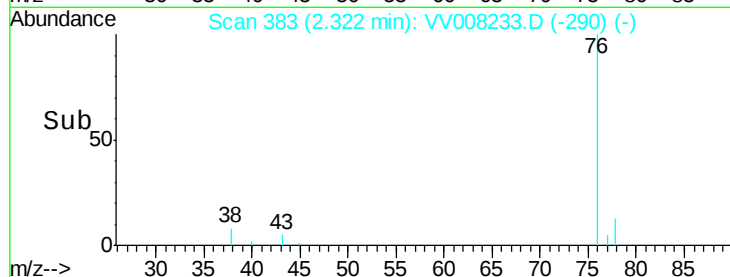


Abundance Ion 76.05 (75.75 to 76.75): VV008227.D (-371) (-)

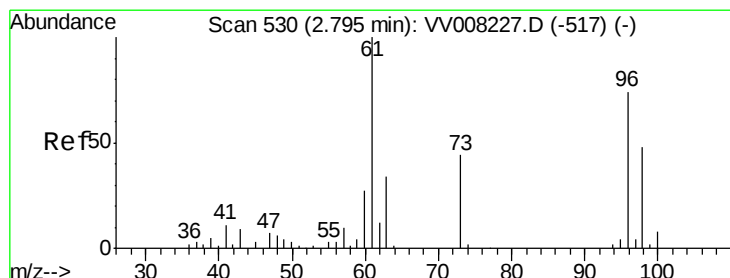
Ion 78.00 (77.70 to 78.70): VV008227.D (-371) (-)

2.32

2.30 2.35



Time-->



#18

trans-1,2-Dichloroethene

Concen: 7.93 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV008233.D

Acq: 10 Oct 2018 14:32

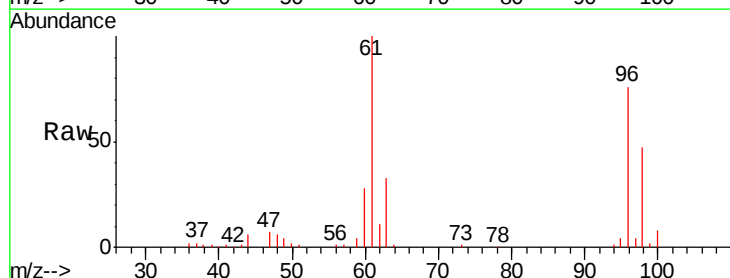
Tgt Ion: 96 Resp: 41698

Ion Ratio Lower Upper

96 100

61 131.0 91.6 170.2

98 61.7 44.4 82.5



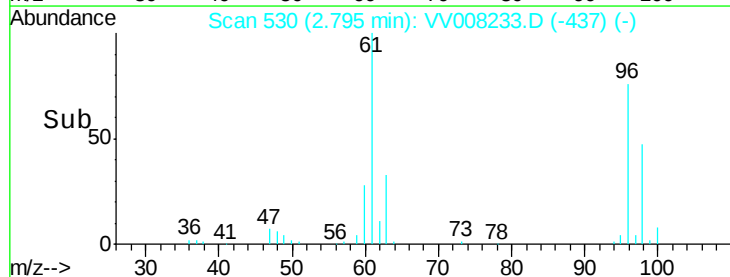
Abundance Ion 96.00 (95.70 to 96.70): VV008227.D (-517) (-)

Ion 61.05 (60.75 to 61.75): VV008227.D (-517) (-)

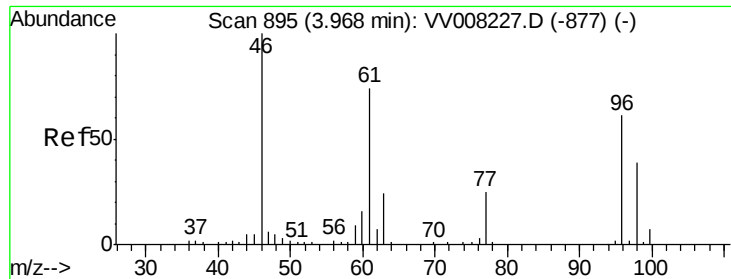
Ion 97.95 (97.65 to 98.65): VV008227.D (-517) (-)

2.79

2.75 2.85



Time-->



#22

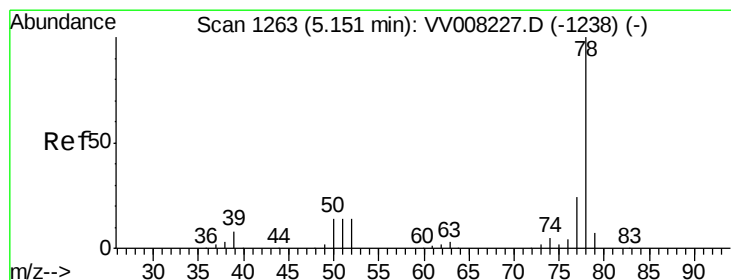
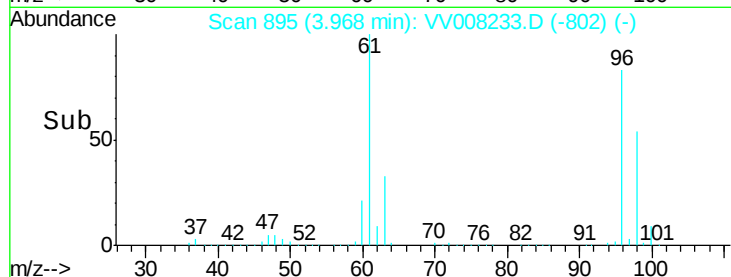
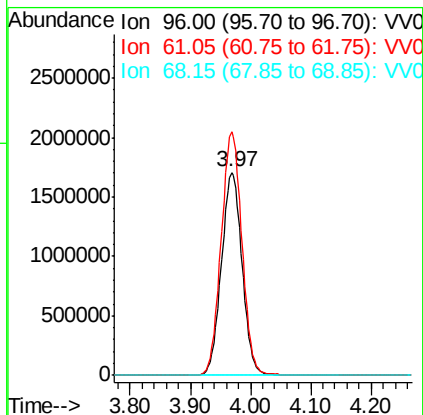
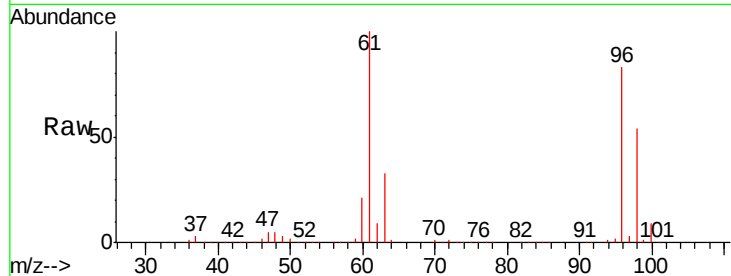
cis-1,2-Dichloroethene
Concen: 681.03 ug/L
RT: 3.97 min Scan# 895
Delta R.T. -0.00 min
Lab File: VV008233.D
Acq: 10 Oct 2018 14:32

Instrument :
MSVOA_V
ClientSampled :
C0J93

Tgt Ion: 96 Resp: 4039326
Ion Ratio Lower Upper
96 100
61 120.0 85.1 158.1
68 0.0 0.0 0.0

Manual Integrations
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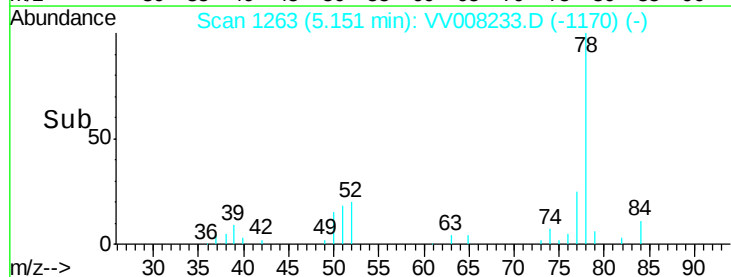
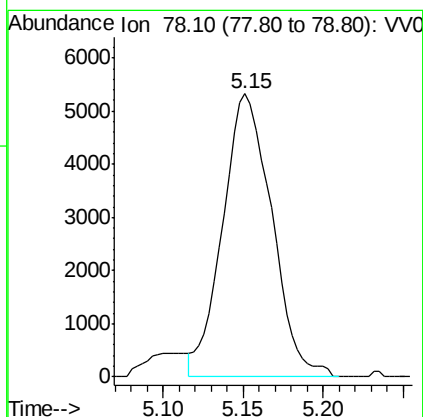
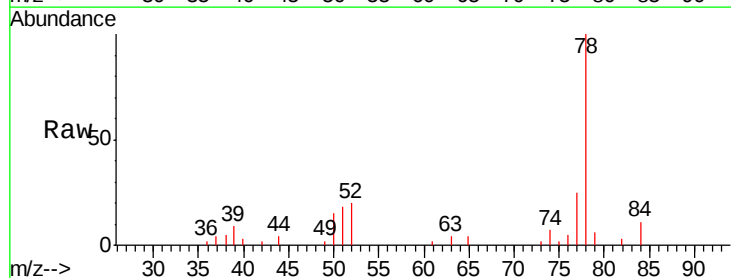
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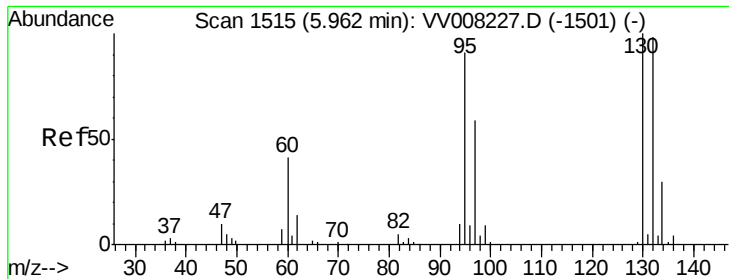


#33

Benzene
Concen: 0.51 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. -0.00 min
Lab File: VV008233.D
Acq: 10 Oct 2018 14:32

Tgt Ion: 78 Resp: 11190





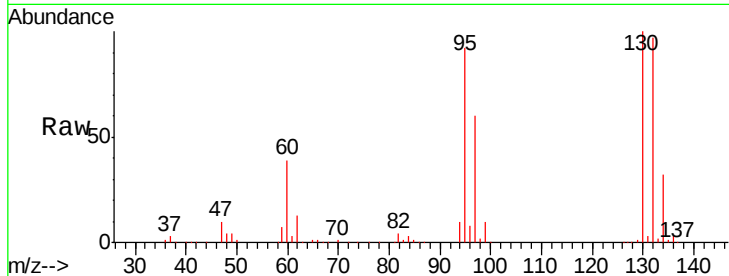
#34
 Trichloroethene
 Concen: 94.36 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.00 min
 Lab File: VV008233.D
 Acq: 10 Oct 2018 14:32

Instrument :
 MSVOA_V
 ClientSampleId :
 C0J93

Tgt Ion	Ion	Ratio	Lower	Upper
95	100			
97	65.3	44.9	83.5	
132	106.3	73.6	136.6	
130	109.1	76.2	141.6	

Manual Integrations
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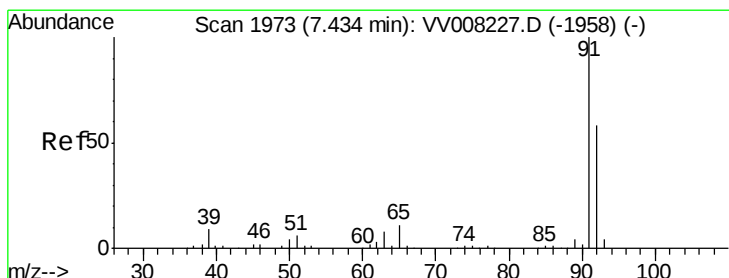
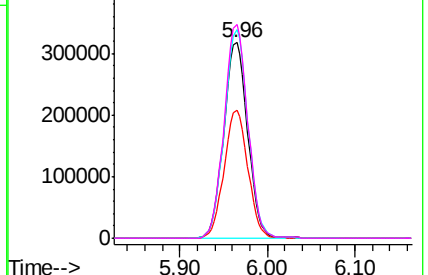
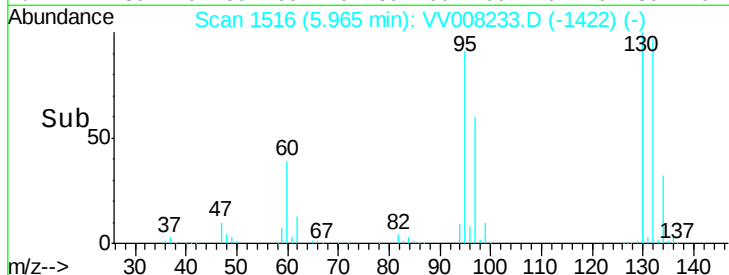


Abundance Ion 95.00 (94.70 to 95.70): VV008233.D (-1422) (-)

Ion 96.95 (96.65 to 97.65): VV008233.D (-1422) (-)

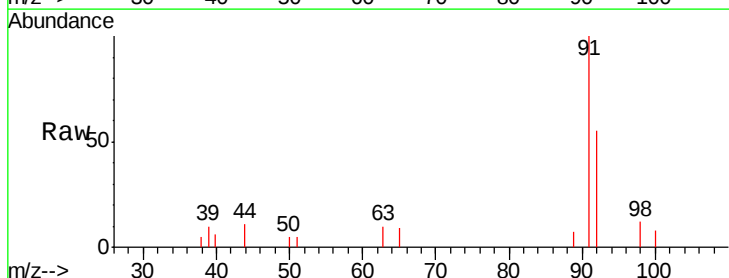
Ion 131.95 (131.65 to 132.65): VV008233.D (-1422) (-)

Ion 129.95 (129.65 to 130.65): VV008233.D (-1422) (-)



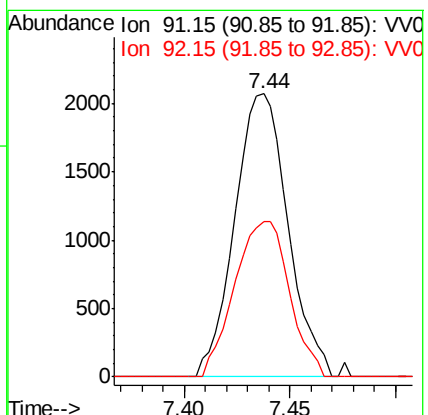
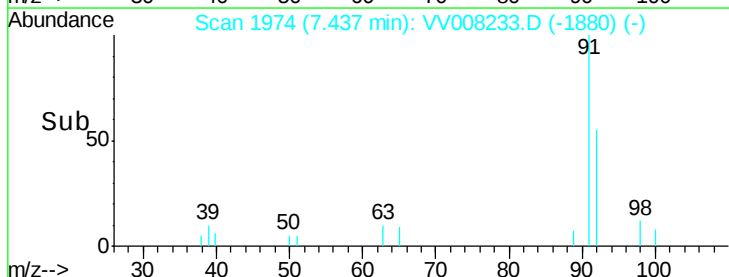
#42
 Toluene
 Concen: 0.16 ug/L
 RT: 7.44 min Scan# 1974
 Delta R.T. 0.00 min
 Lab File: VV008233.D
 Acq: 10 Oct 2018 14:32

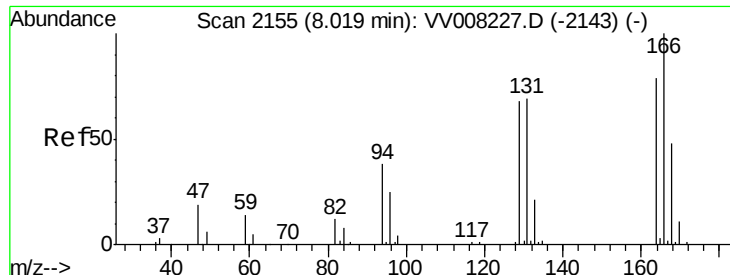
Tgt Ion	Ion	Ratio	Lower	Upper
91	100			
92	54.9	39.9	74.1	



Abundance Ion 91.15 (90.85 to 91.85): VV008233.D (-1880) (-)

Ion 92.15 (91.85 to 92.85): VV008233.D (-1880) (-)





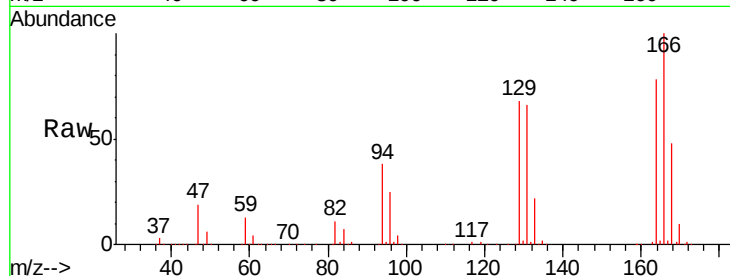
#47
Tetrachloroethene
Concen: 153.83 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.00 min
Lab File: VV008233.D
Acq: 10 Oct 2018 14:32

Instrument :
MSVOA_V
ClientSampled :
C0J93

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	880264		
129	86.9	62.2	115.4	
131	84.1	60.5	112.5	
166	128.0	92.1	171.1	

Manual Integrations
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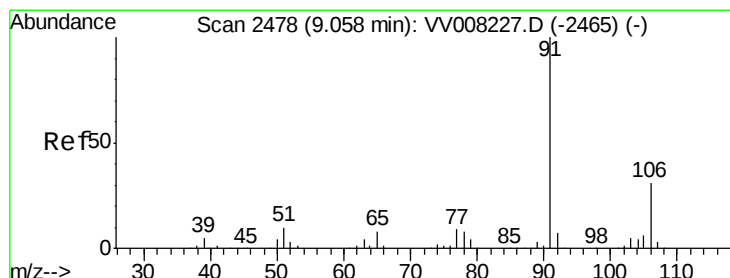
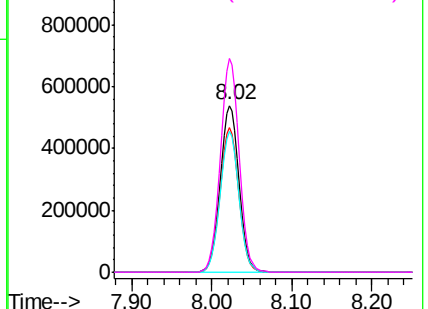
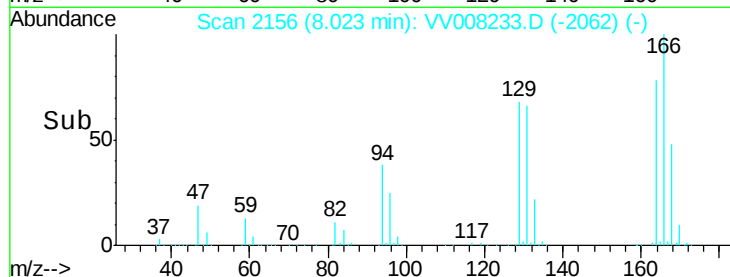


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

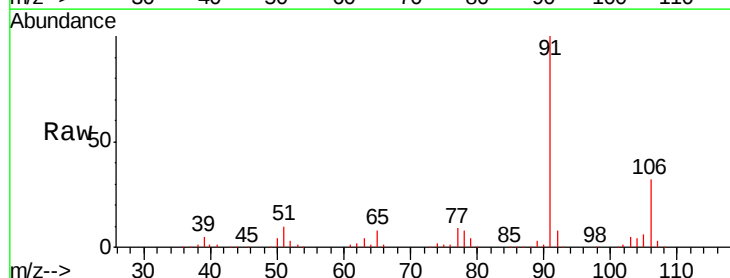
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



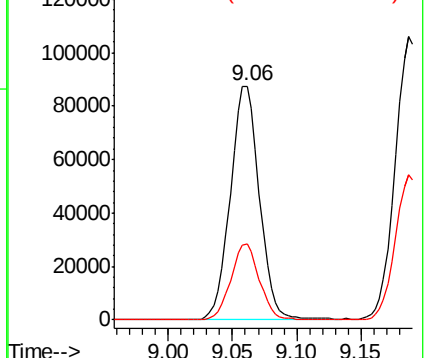
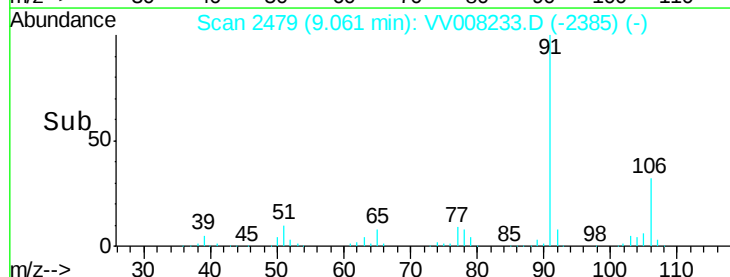
#52
Ethylbenzene
Concen: 5.39 ug/L
RT: 9.06 min Scan# 2479
Delta R.T. 0.00 min
Lab File: VV008233.D
Acq: 10 Oct 2018 14:32

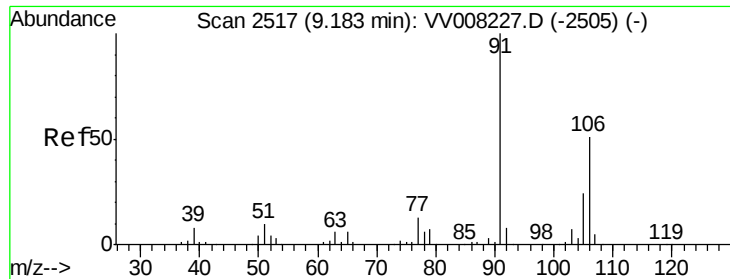
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	137218		
106	32.3	22.3	41.5	



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V





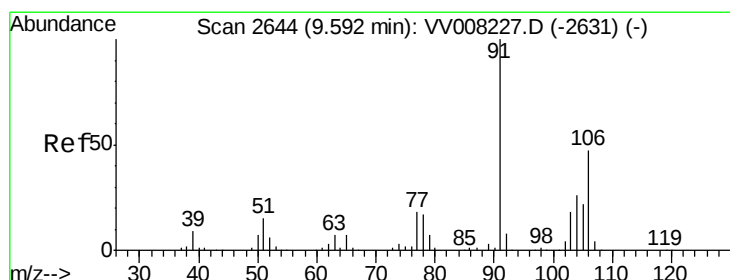
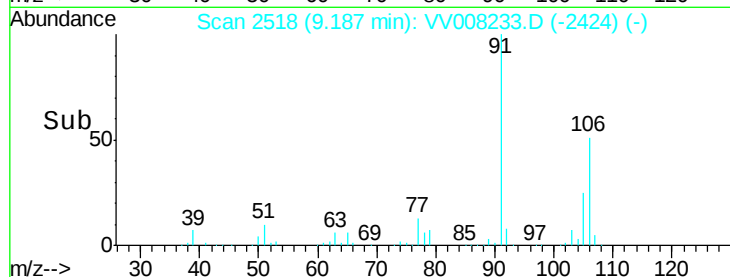
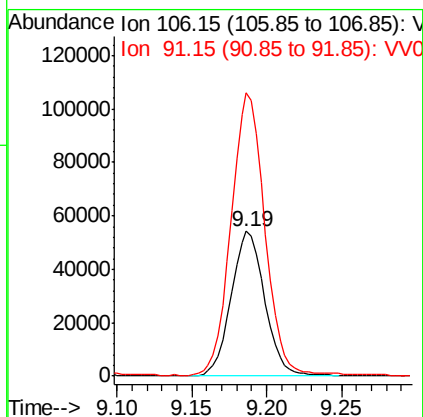
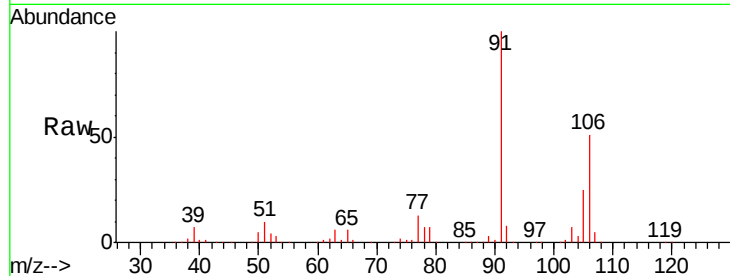
#53
m,p-xylene
Concen: 8.81 ug/L
RT: 9.19 min Scan# 2518
Delta R.T. 0.00 min
Lab File: VV008233.D
Acq: 10 Oct 2018 14:32

Instrument :
MSVOA_V
ClientSampleId :
C0J93

Tgt Ion:106 Resp: 85051
Ion Ratio Lower Upper
106 100
91 195.4 140.8 261.4

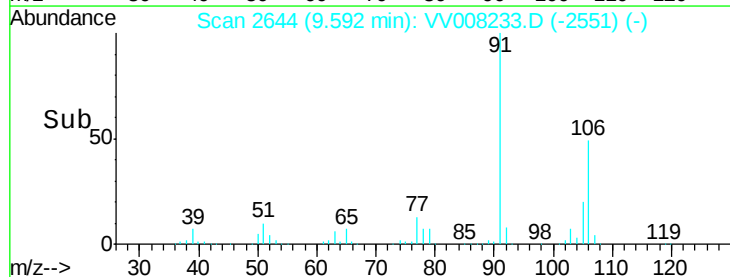
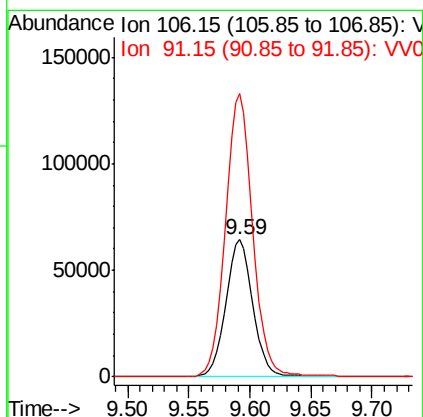
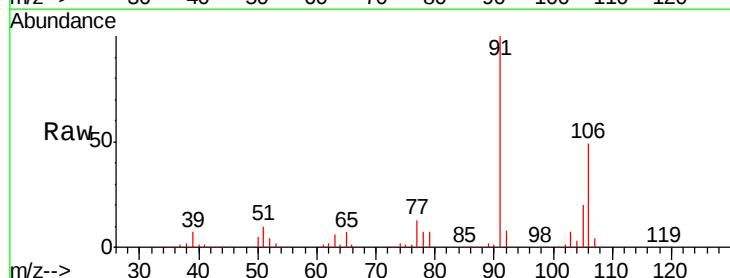
Manual Integrations
APPROVED

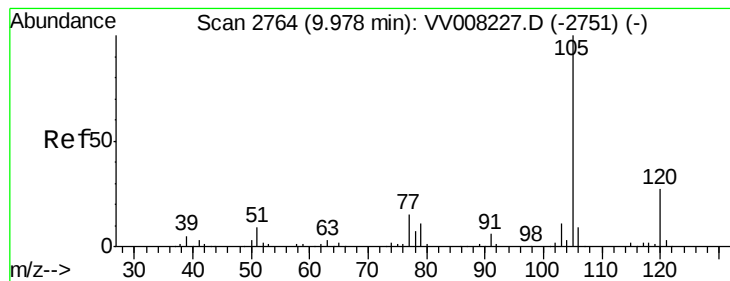
MMDadoda
10/22/2018 4:17:06 PM



#54
o-xylene
Concen: 10.88 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV008233.D
Acq: 10 Oct 2018 14:32

Tgt Ion:106 Resp: 100213
Ion Ratio Lower Upper
106 100
91 206.0 149.1 276.9





#56

Isopropylbenzene

Concen: 0.13 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VV008233.D

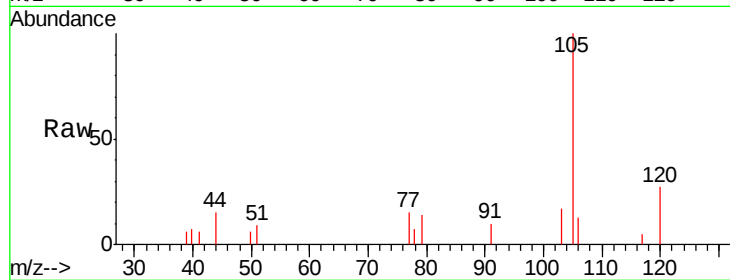
Acq: 10 Oct 2018 14:32

Instrument :

MSVOA_V

ClientSampleId :

C0J93



Tgt Ion:	105	Resp:	3220
Ion Ratio	Lower	Upper	
105	100		
120	26.0	21.9	32.9
77	16.1	12.2	18.4

Manual Integrations
APPROVED

MMDadoda
10/22/2018 4:17:06 PM

