

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102919\
 Data File : VV013402.D
 Acq On : 29 Oct 2019 18:17
 Operator : SY/MD
 Sample : K5597-09MS
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQD9MS

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 9:25:07 AM

Quant Time: Oct 30 02:55:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 30 02:50:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	344946	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	367710	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	188353	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	156734	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	1.58	69	127078	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.13	63	243503	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.40%
20) 2-Butanone-d5	3.96	46	411126	55.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.18%
24) Chloroform-d	4.40	84	304074	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	168308	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.10	84	650825	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.11	67	203405	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.36	98	545339	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.66	79	67812	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.14	63	235891	49.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.46%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	131547	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	206072	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.14	96	91685	3.474	ug/L	91
13) Acetone	2.23	43	6128m	1.681	ug/L	
14) Carbon disulfide	2.31	76	14870	0.186	ug/L #	91
18) trans-1,2-Dichloroethene	2.79	96	22182	0.631	ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	86115	2.430	ug/L #	100
30) Cyclohexane	4.72	56	8431	0.147	ug/L	88
33) Benzene	5.14	78	633420	4.610	ug/L	100
34) Trichloroethene	5.96	95	206864	5.484	ug/L	97
35) Methylcyclohexane	6.18	83	6135	0.109	ug/L #	76
42) Toluene	7.43	91	568029	3.965	ug/L	100
47) Tetrachloroethene	8.02	164	153741	4.810	ug/L	95
51) Chlorobenzene	8.92	112	398781	4.312	ug/L	100
52) Ethylbenzene	9.05	91	11010	0.072	ug/L	96
53) m,p-xylene	9.18	106	4656	0.083	ug/L	75

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

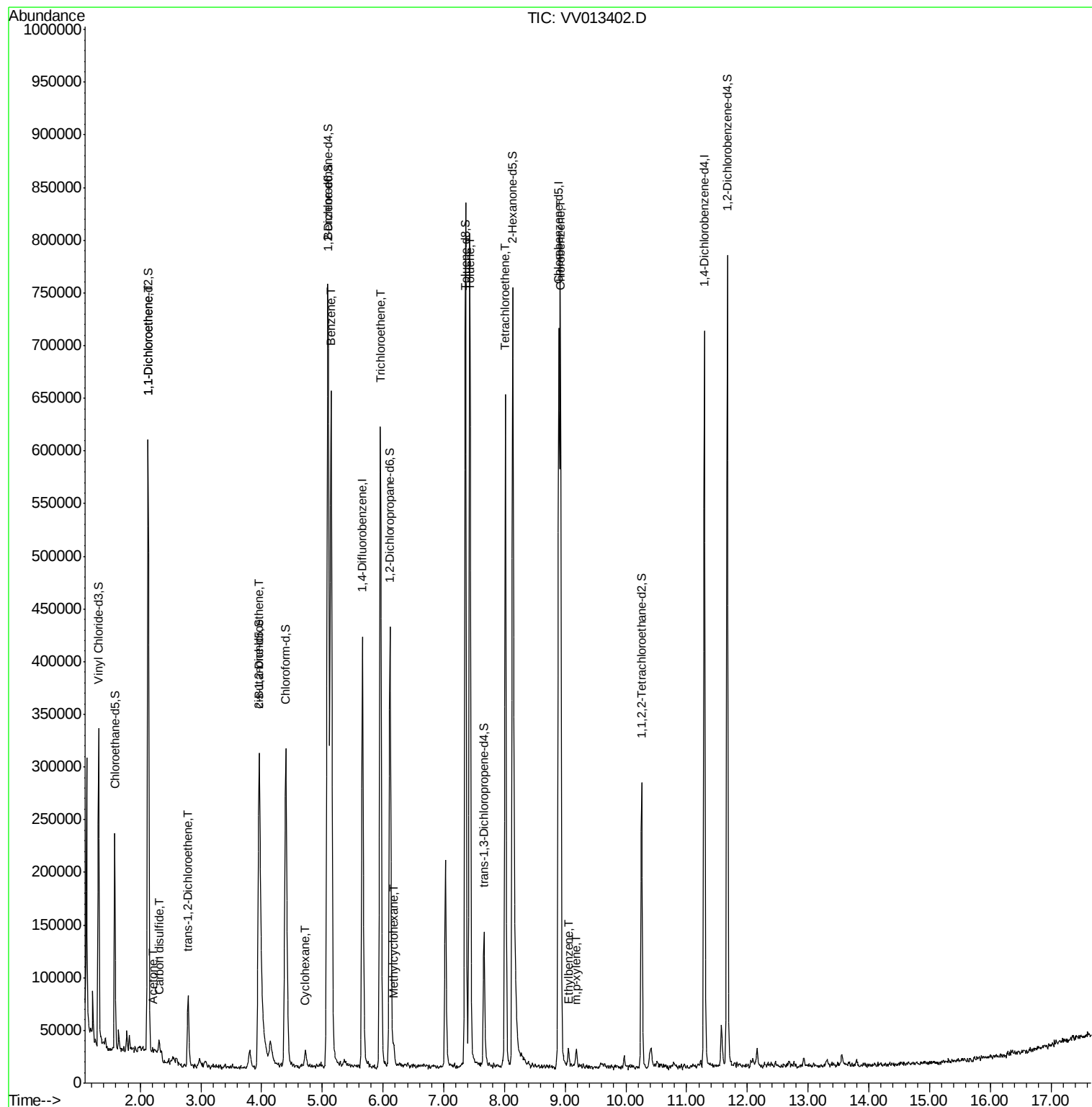
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102919\
Data File : VV013402.D
Acq On : 29 Oct 2019 18:17
Operator : SY/MD
Sample : K5597-09MS
Misc : 25.0ML/MSVOA V/WATER
ALS Vial : 15 Sample Multiplier: 1

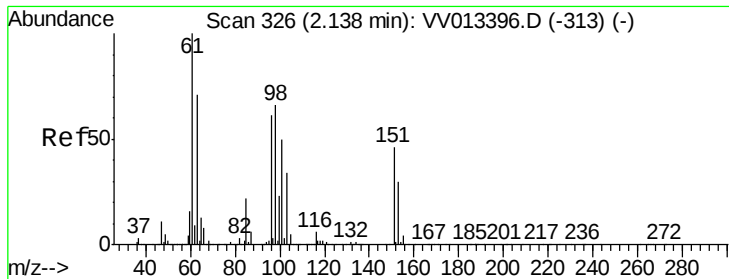
Instrument :
MSVOA_V
ClientSampleId :
GAQD9MS

Manual Integrations
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Quant Time: Oct 30 02:55:08 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 3.474 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013402.D

Acq: 29 Oct 2019 18:17

Instrument :

MSVOA_V

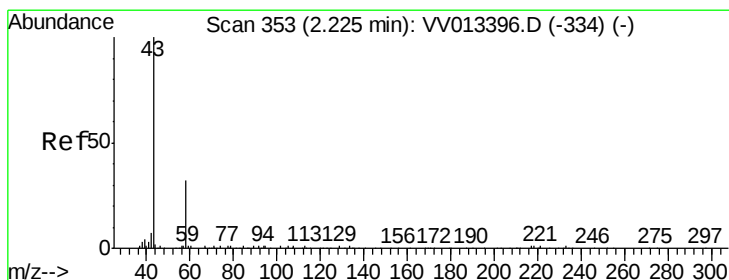
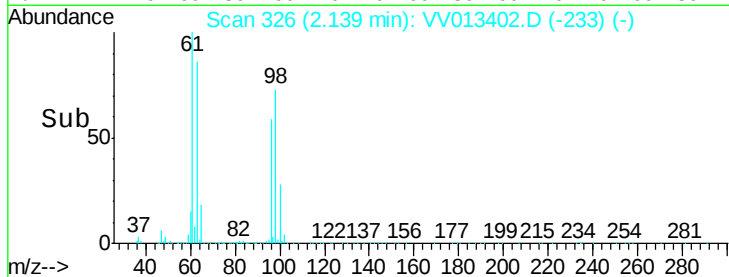
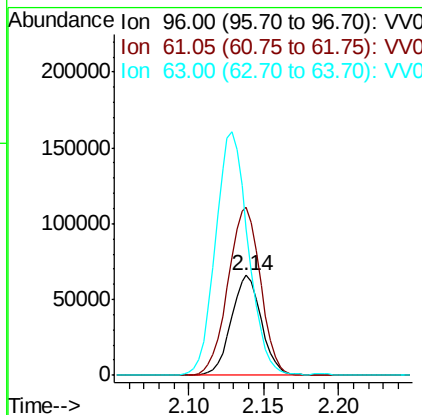
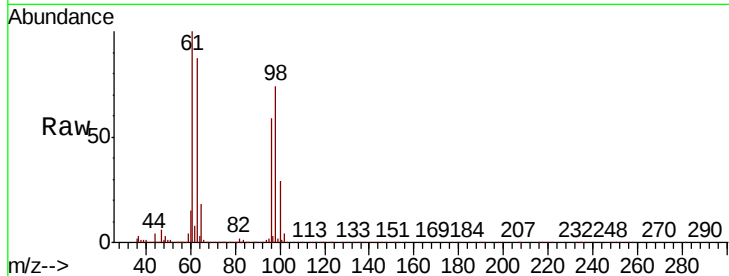
ClientSampleId :

GAQD9MS

Tot Ion:	96	Resp:	91685
Ion	Ratio	Lower	Upper
96	100		
61	168.6	117.8	218.8
63	146.1	85.5	158.9

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#13

Acetone

Concen: 1.681 ug/L m

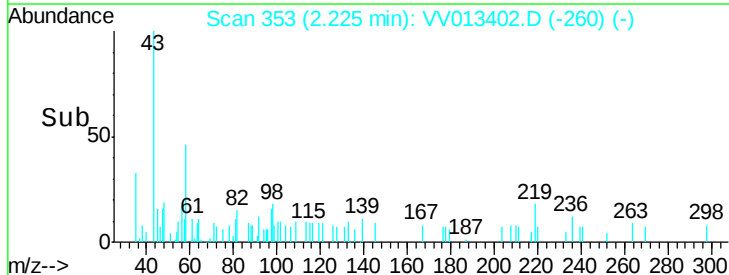
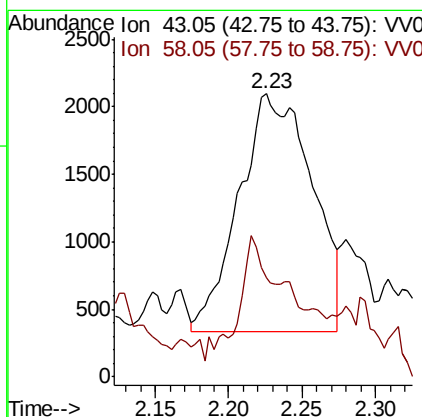
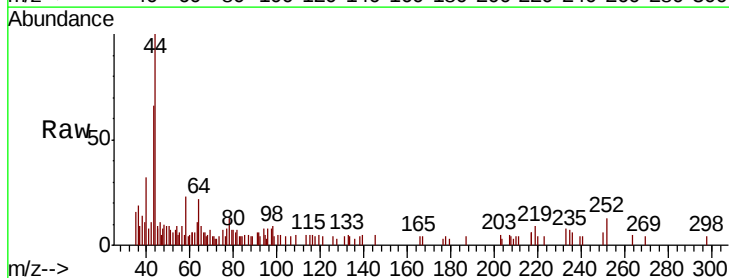
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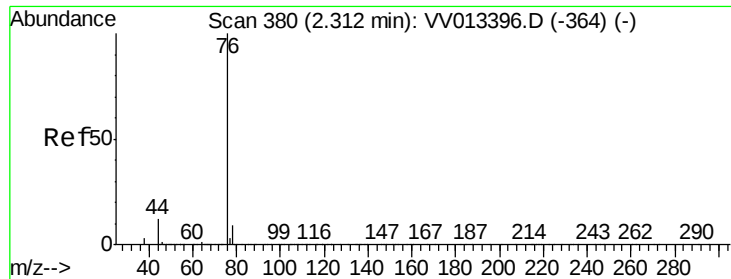
Delta R.T. 0.00 min

Lab File: VV013402.D

Acq: 29 Oct 2019 18:17

Tgt Ion:	43	Resp:	6128
Ion	Ratio	Lower	Upper
43	100		
58	23.1	0.0	59.0





#14

Carbon disulfide

Concen: 0.186 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV013402.D

Acq: 29 Oct 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

GAQD9MS

Tot Ion: 76 Resp: 14870

Ion Ratio Lower Upper

76 100

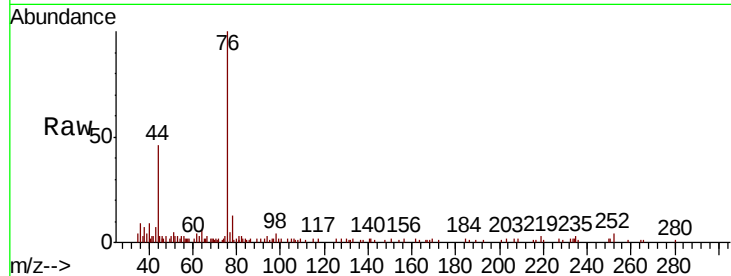
78 12.6 7.5 11.3#

Manual Integrations

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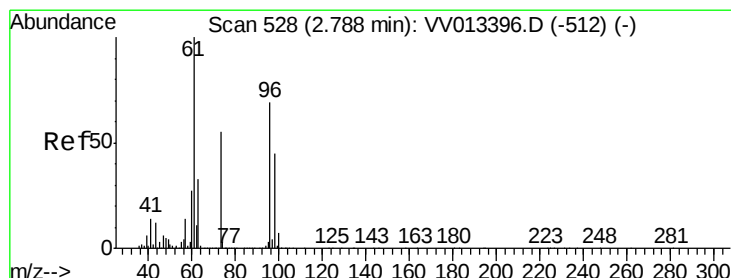
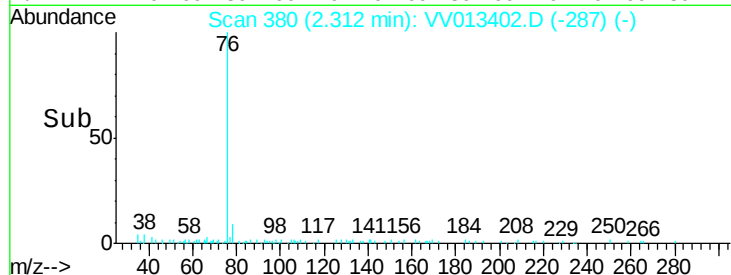
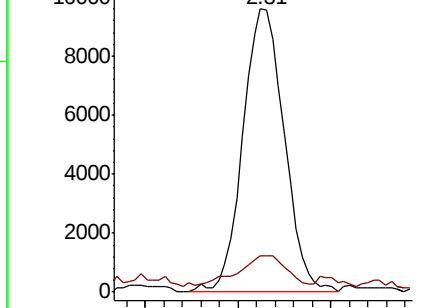
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Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#18

trans-1,2-Dichloroethene

Concen: 0.631 ug/L

RT: 2.79 min Scan# 528

Delta R.T. 0.00 min

Lab File: VV013402.D

Acq: 29 Oct 2019 18:17

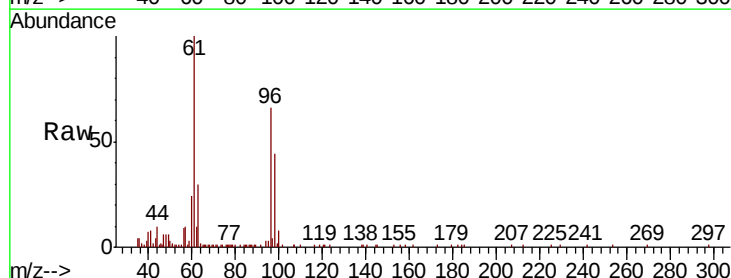
Tgt Ion: 96 Resp: 22182

Ion Ratio Lower Upper

96 100

61 150.7 100.1 185.9

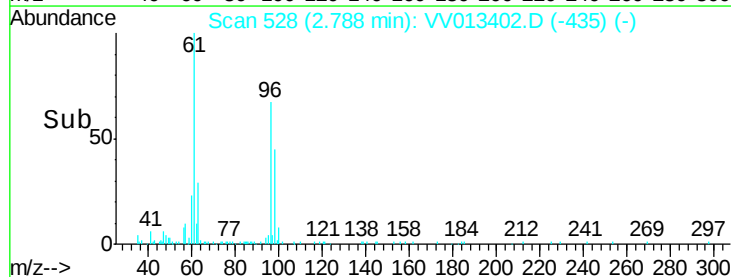
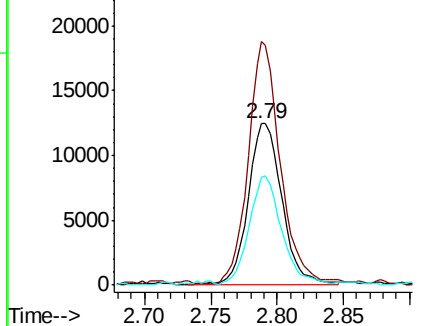
98 66.6 44.2 82.0

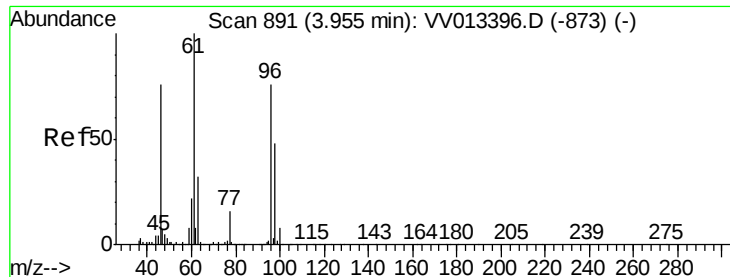


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0





#22

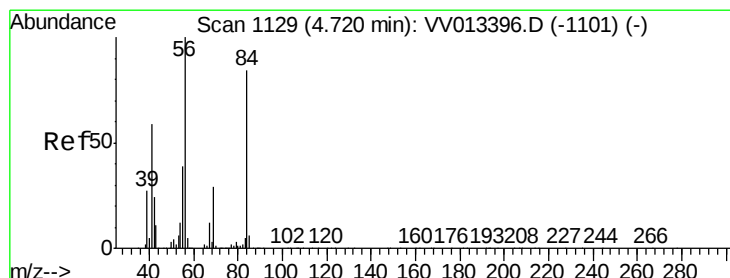
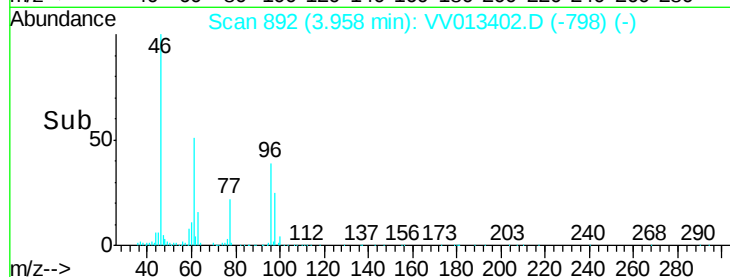
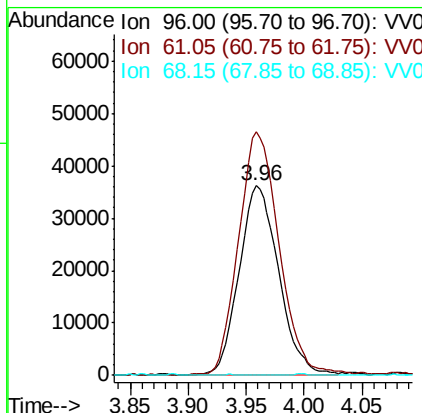
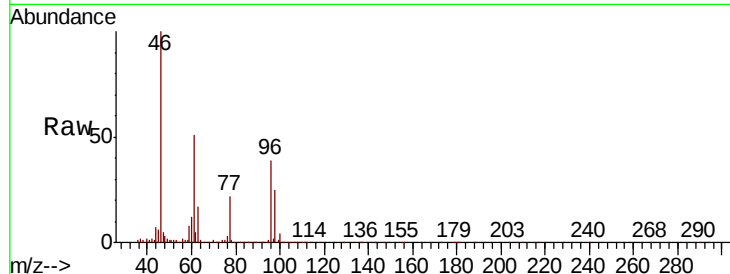
cis-1,2-Dichloroethene
 Concen: 2.430 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. 0.00 min
 Lab File: VV013402.D
 Acq: 29 Oct 2019 18:17

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQD9MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	128.5	89.9	167.0
68	0.0	0.1	0.3

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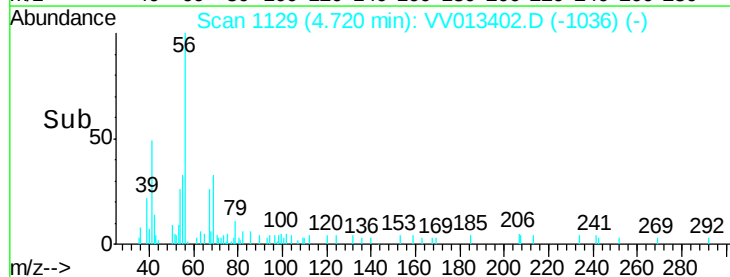
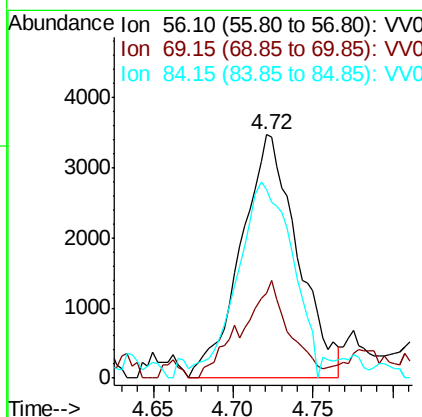
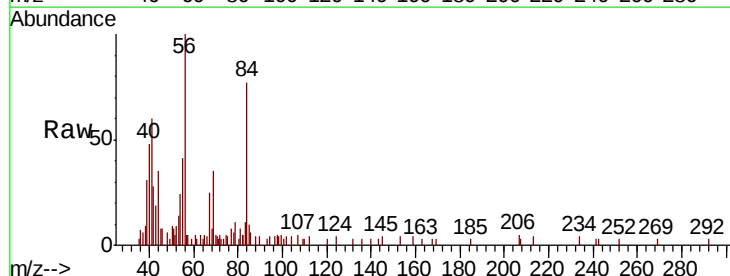
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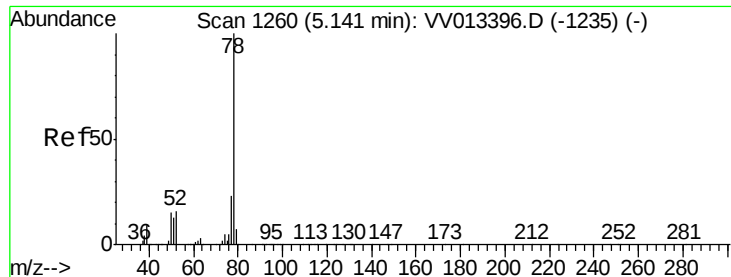


#30

Cyclohexane
 Concen: 0.147 ug/L
 RT: 4.72 min Scan# 1129
 Delta R.T. 0.00 min
 Lab File: VV013402.D
 Acq: 29 Oct 2019 18:17

Tgt Ion	Ratio	Lower	Upper
56	100		
69	33.9	22.7	34.1
84	71.0	65.5	98.3





#33

Benzene

Concen: 4.610 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV013402.D

Acq: 29 Oct 2019 18:17

Instrument :

MSVOA_V

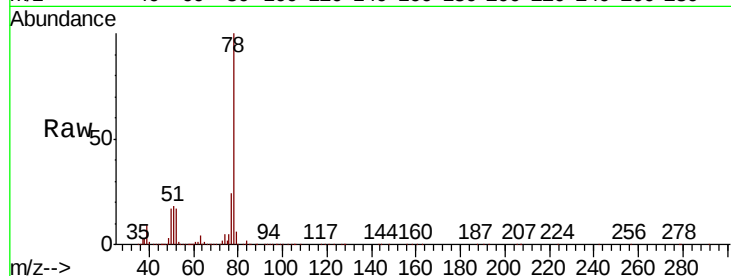
ClientSampleId :

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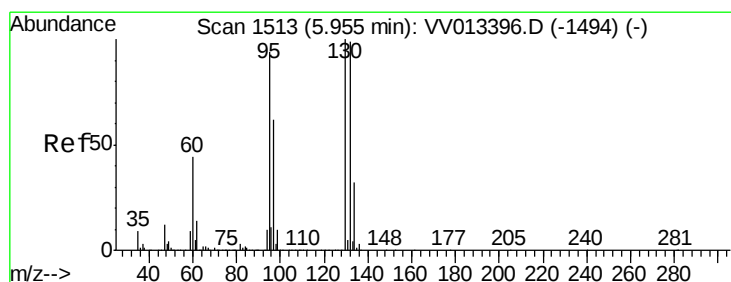
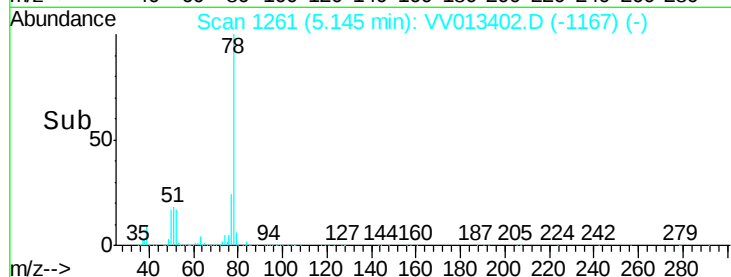
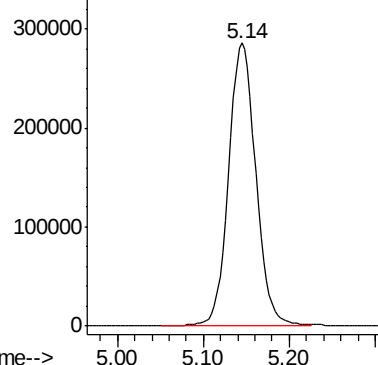
Tgt Ion: 78 Resp: 633420

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Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 5.484 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. 0.00 min

Lab File: VV013402.D

Acq: 29 Oct 2019 18:17

Tgt Ion: 95 Resp: 206864

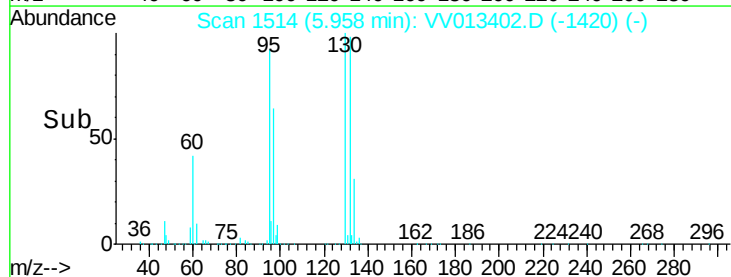
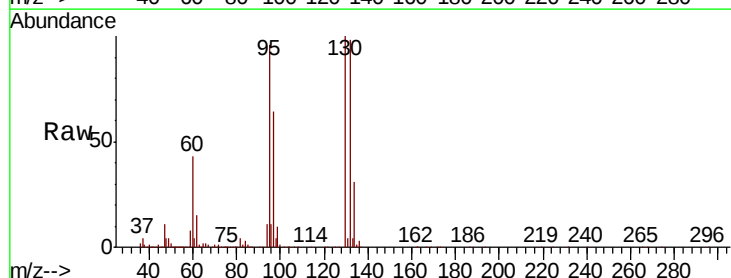
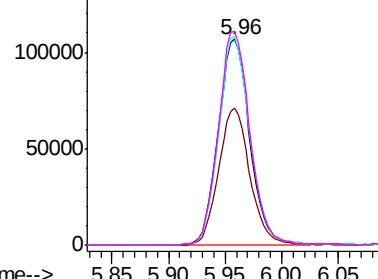
Ion	Ratio	Lower	Upper
95	100		
97	66.3	43.9	81.5
132	101.3	68.7	127.7
130	103.9	72.1	133.9

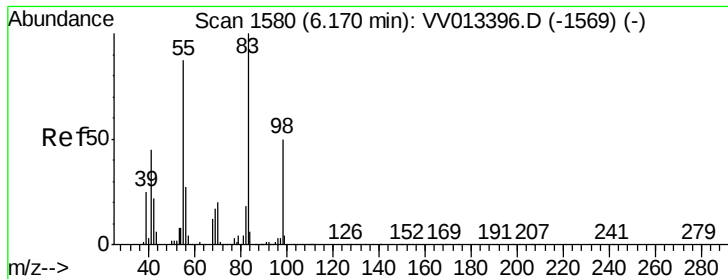
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0





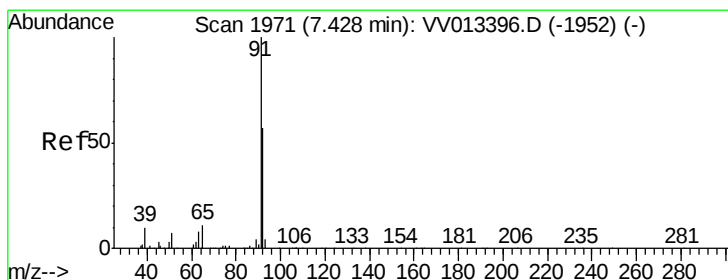
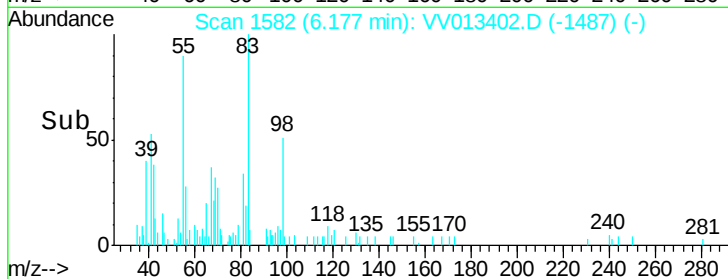
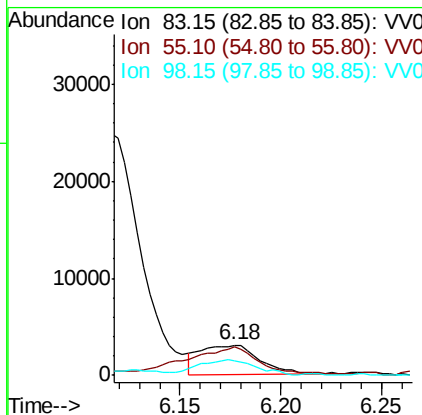
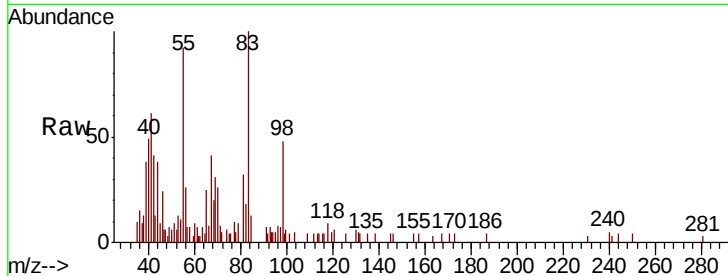
#35
Methvlcvclohexane
Concen: 0.109 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.01 min
Lab File: VV013402.D
Acq: 29 Oct 2019 18:17

Instrument :
MSVOA_V
ClientSampleId :
GAQD9MS

Tot Ion	Ratio	Lower	Upper
83	100		
55	113.4	66.0	99.0#
98	52.8	38.2	57.4

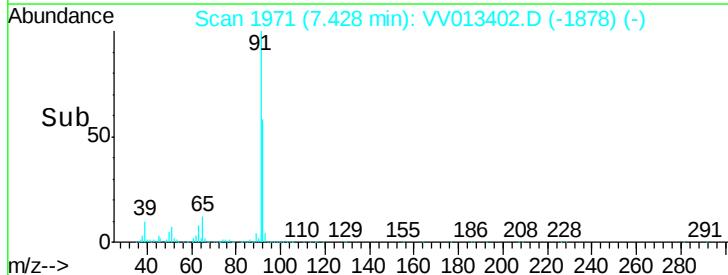
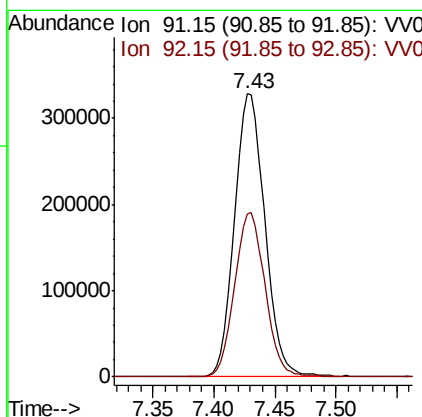
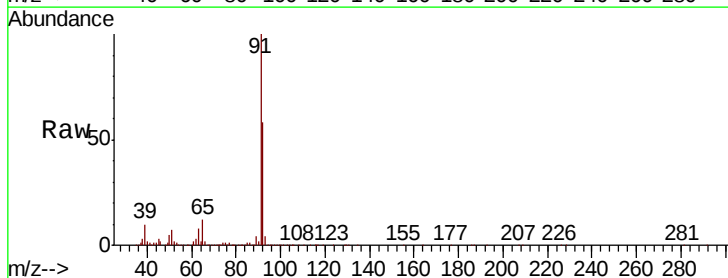
Manual Integrations
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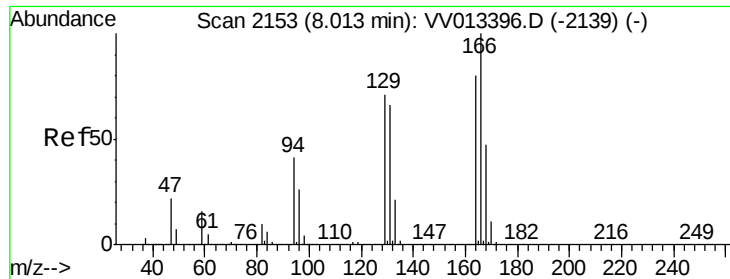
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#42
Toluene
Concen: 3.965 ug/L
RT: 7.43 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VV013402.D
Acq: 29 Oct 2019 18:17

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.8	40.3	74.8





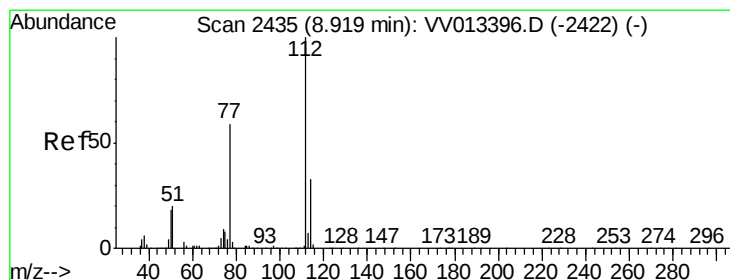
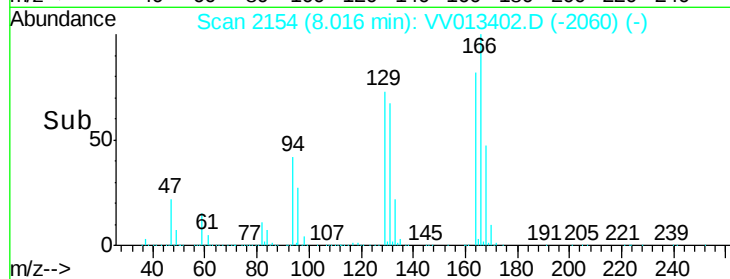
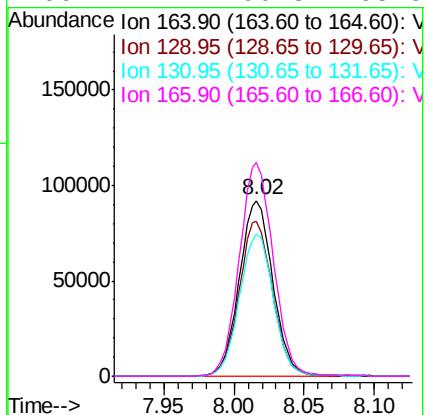
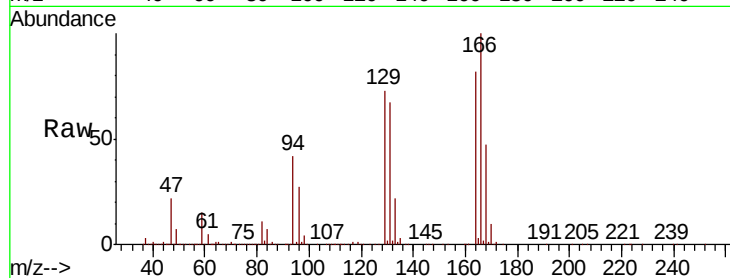
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Tetrachloroethene
Concen: 4.810 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013402.D
Acq: 29 Oct 2019 18:17

Instrument :
MSVOA_V
ClientSampleId :
GAQD9MS

Tot Ion	Ratio	Lower	Upper
164	100		
129	88.5	63.4	117.8
131	81.1	60.3	112.1
166	121.7	90.8	168.6

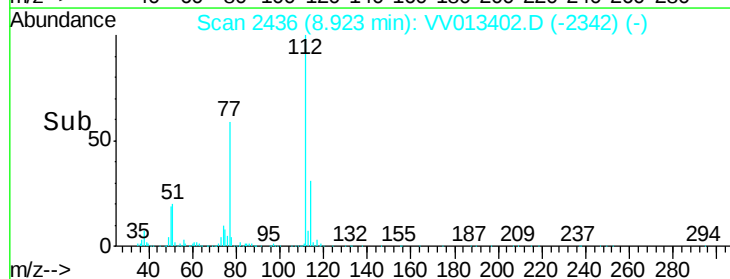
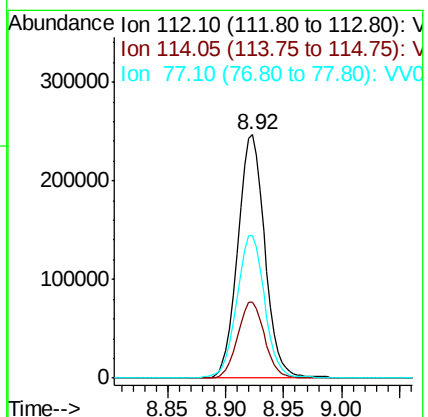
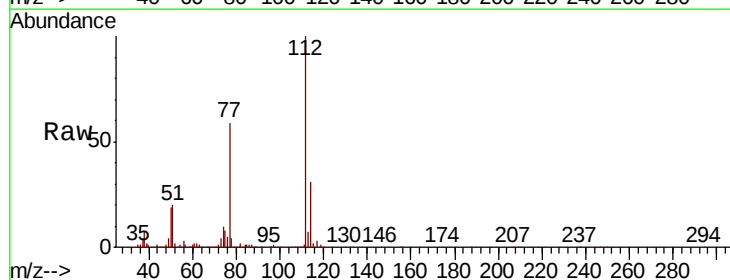
Manual Integrations
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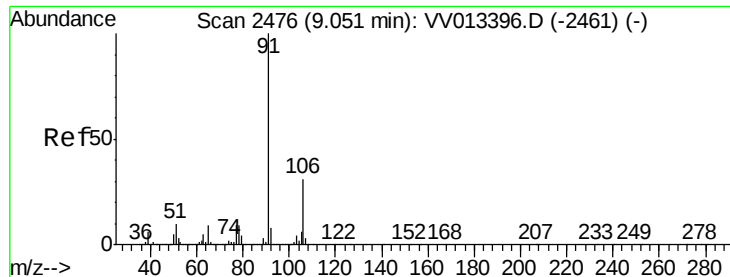
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#51
Chlorobenzene
Concen: 4.312 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV013402.D
Acq: 29 Oct 2019 18:17

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.2	41.2
77	58.6	46.7	70.1





#52

Ethylbenzene

Concen: 0.072 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV013402.D

Acq: 29 Oct 2019 18:17

Instrument :

MSVOA_V

ClientSampleId :

GAQD9MS

Tot Ion: 91 Resp: 11010

Ion Ratio Lower Upper

91 100

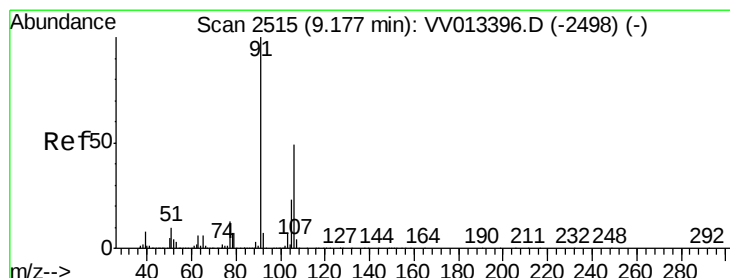
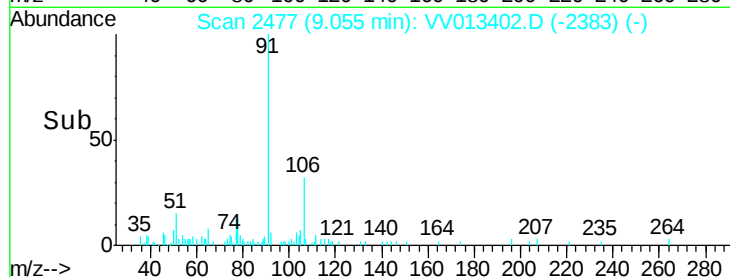
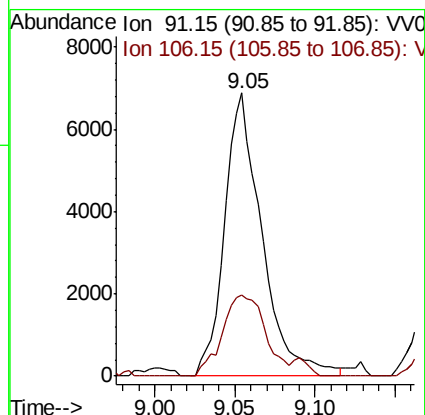
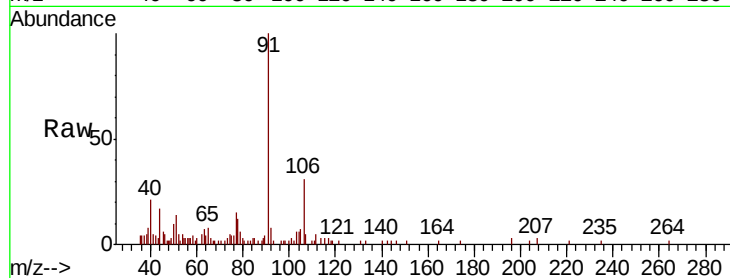
106 28.8 21.5 39.9

Manual Integrations

APPROVED

MMDadoda

10/30/2019 9:25:07 AM



#53

m,p-xylene

Concen: 0.083 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV013402.D

Acq: 29 Oct 2019 18:17

Tgt Ion: 106 Resp: 4656

Ion Ratio Lower Upper

106 100

91 168.1 144.3 267.9

