

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
 Data File : VV017371.D
 Acq On : 07 Jul 2020 12:15
 Operator : SY/MD
 Sample : L3154-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4267

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:31:47 PM

Quant Time: Jul 08 02:31:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 08 01:30:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	161540	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	155635	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79355	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	39224	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.58	69	34222	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.12	63	66433	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.94	46	99544	40.29	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.58%
24) Chloroform-d	4.38	84	91950	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	53684	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.07	84	172843	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	6.09	67	51629	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.34	98	154723	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
45) trans-1,3-Dichloropropene-	7.64	79	21112	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
48) 2-Hexanone-d5	8.11	63	71879	37.47	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.94%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	34887	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	66845	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	25526	2.408	ug/L 97
18) trans-1,2-Dichloroethene	2.78	96	2915	0.355	ug/L 98
22) cis-1,2-Dichloroethene	3.94	96	10476	0.932	ug/L 97
25) Chloroform	4.41	83	6036	0.299	ug/L 96
30) Cyclohexane	4.70	56	1641	0.092	ug/L 90
33) Benzene	5.13	78	6018	0.148	ug/L 100
35) Methylcyclohexane	6.14	83	2180m	0.117	ug/L

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

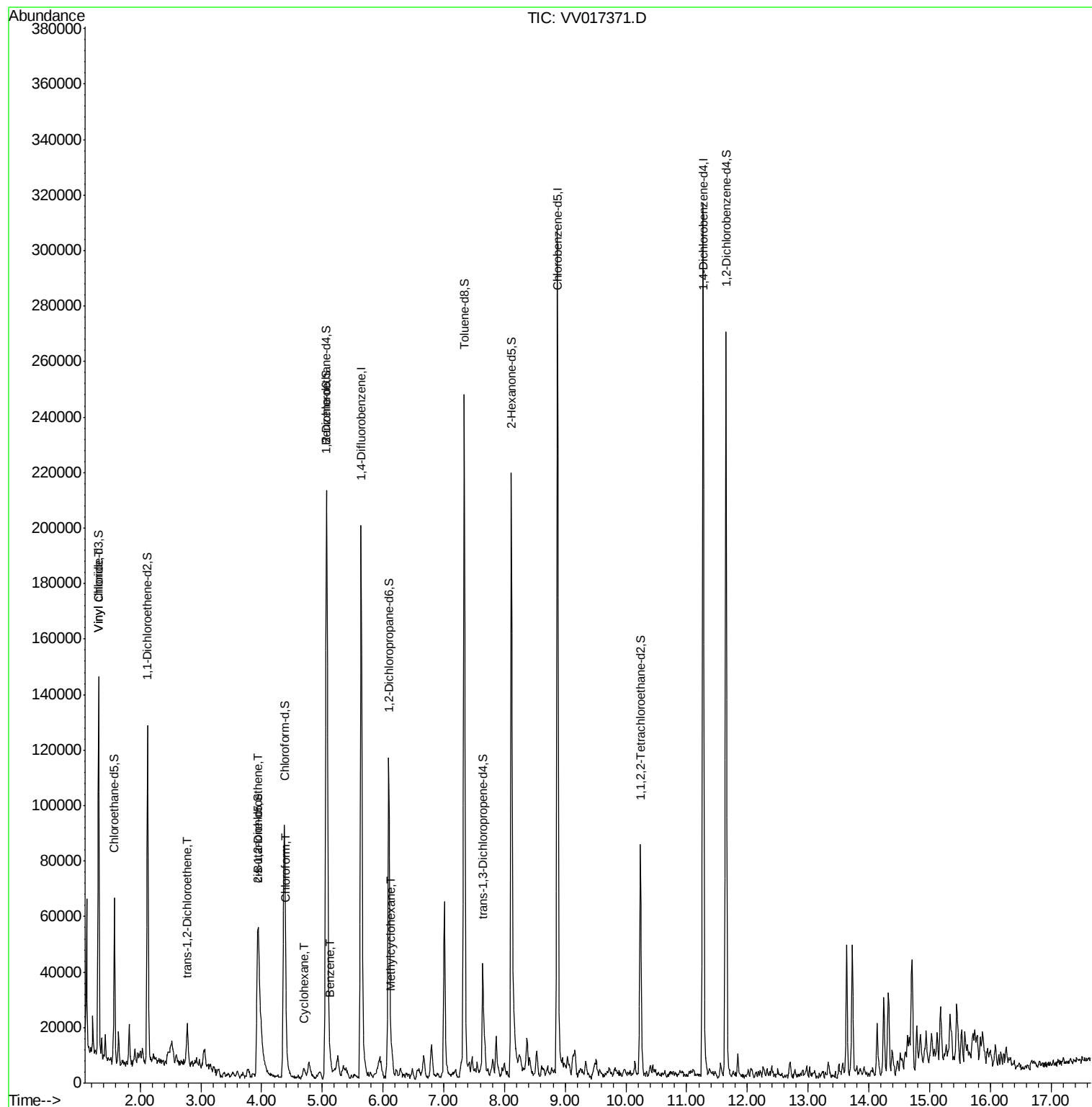
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070720\
Data File : VV017371.D
Acq On : 07 Jul 2020 12:15
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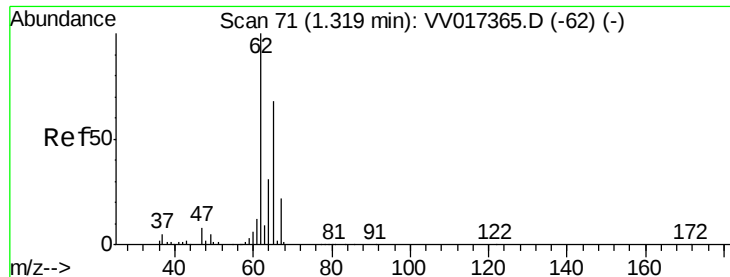
Instrument :
MSVOA_V
ClientSampleId :
H4267

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Quant Time: Jul 08 02:31:01 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 08 01:30:57 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.408 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV017371.D

Acq: 07 Jul 2020 12:15

Instrument :

MSVOA_V

ClientSampled :

H4267

Tot Ion: 62 Resp: 25526

Ion Ratio Lower Upper

62 100

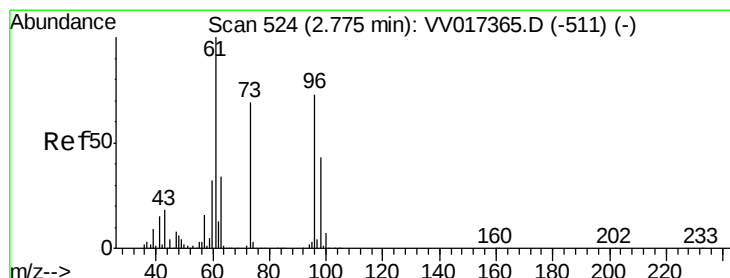
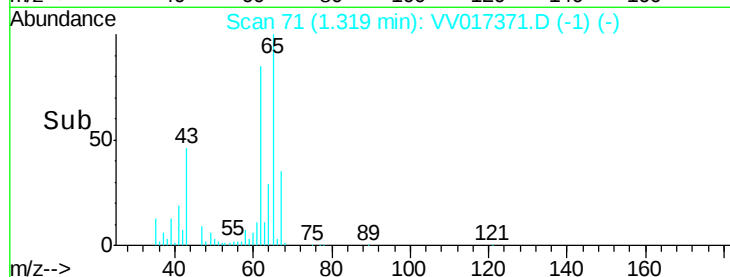
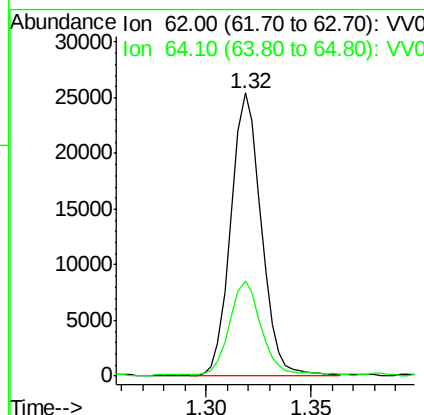
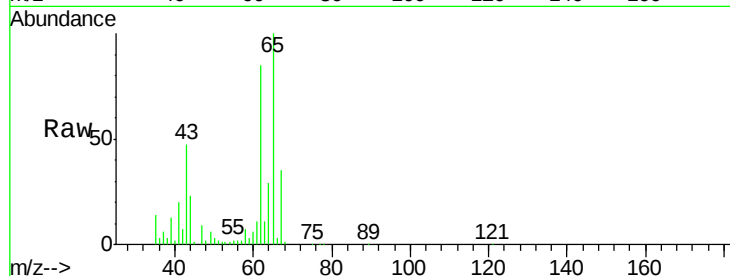
64 33.8 22.5 41.7

Manual Integrations

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#18

trans-1,2-Dichloroethene

Concen: 0.355 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV017371.D

Acq: 07 Jul 2020 12:15

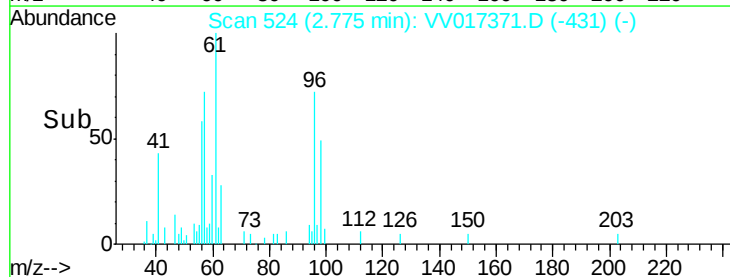
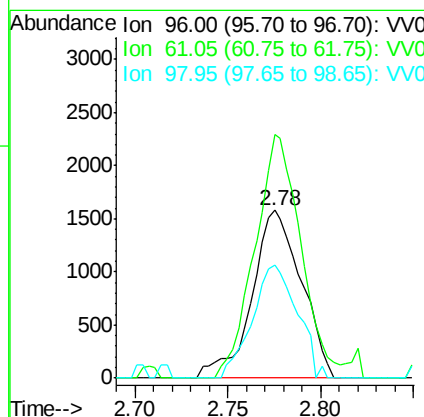
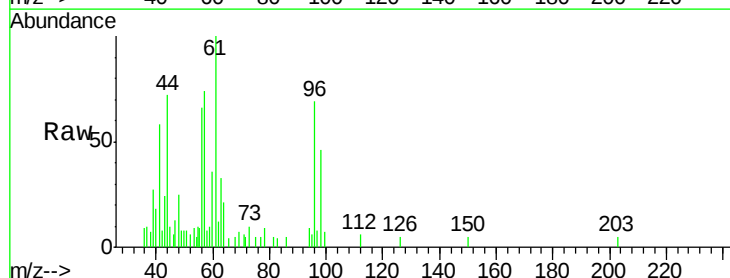
Tgt Ion: 96 Resp: 2915

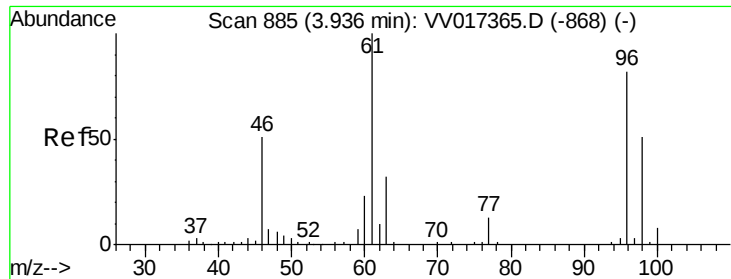
Ion Ratio Lower Upper

96 100

61 145.0 102.3 189.9

98 67.0 44.7 82.9





#22

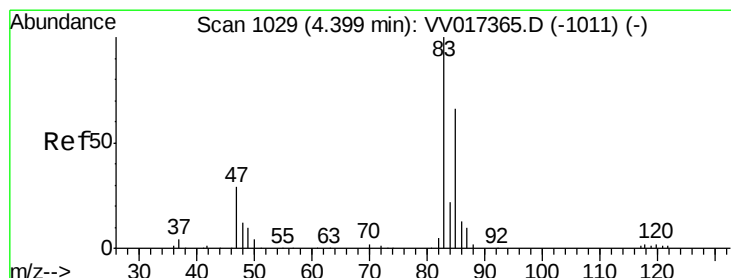
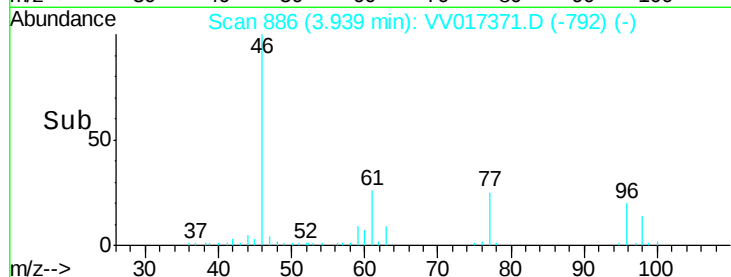
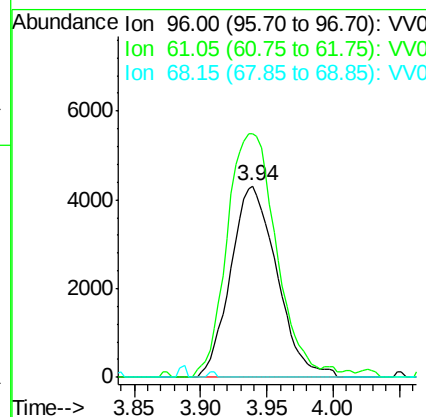
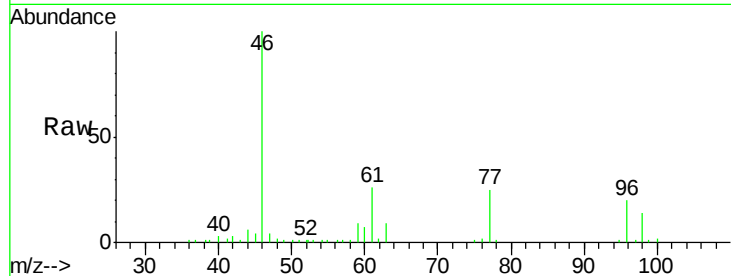
cis-1,2-Dichloroethene
Concen: 0.932 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV017371.D
Acq: 07 Jul 2020 12:15

Instrument :
MSVOA_V
ClientSampleId :
H4267

Tot Ion	Ratio	Lower	Upper
96	100		
61	127.0	91.0	169.0
68	0.0	0.0	0.0

Manual Integrations
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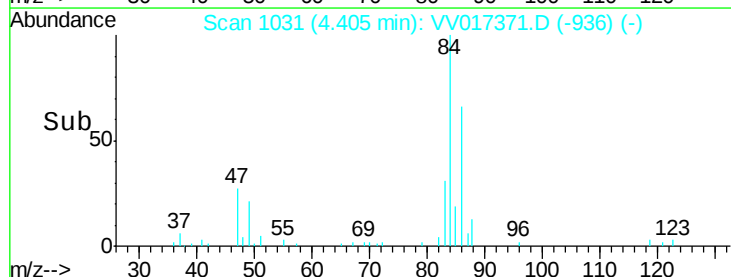
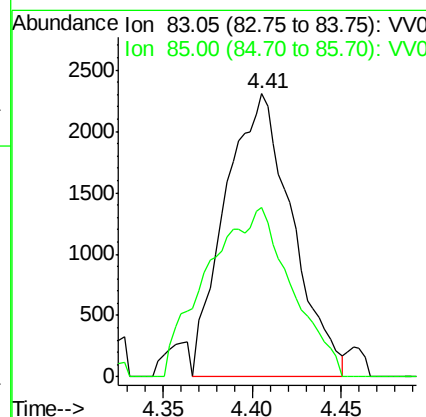
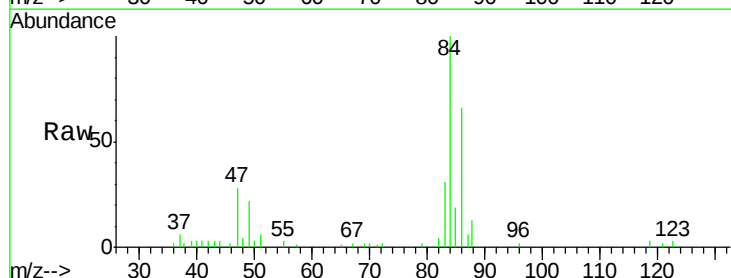
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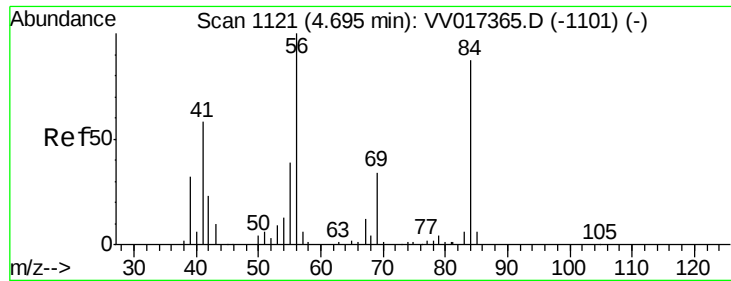


#25

Chloroform
Concen: 0.299 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV017371.D
Acq: 07 Jul 2020 12:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.1	44.2	82.2





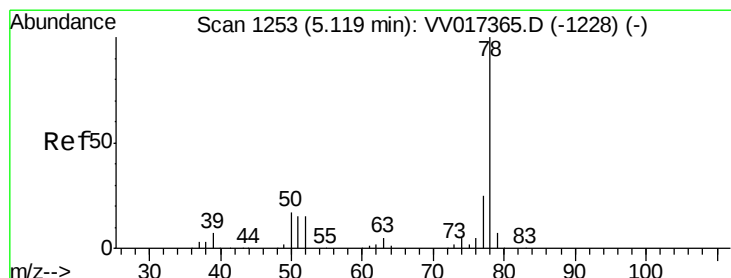
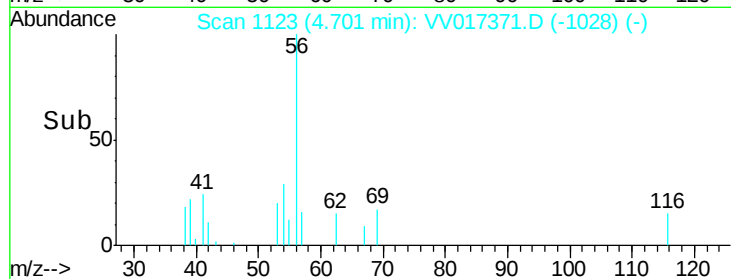
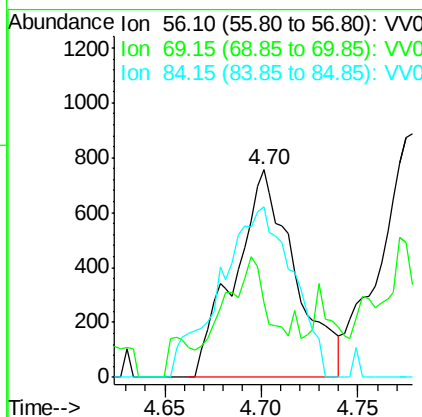
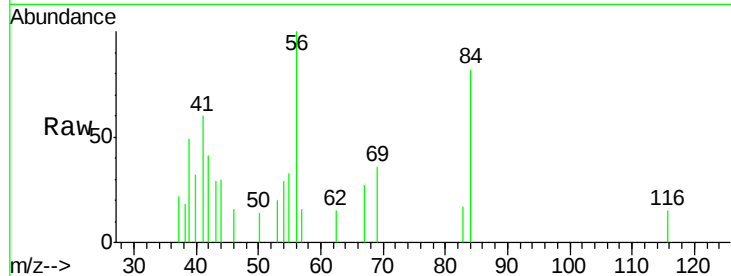
#30
Cvclohexane
Concen: 0.092 ug/L
RT: 4.70 min Scan# 1123
Delta R.T. 0.01 min
Lab File: VV017371.D
Acq: 07 Jul 2020 12:15

Instrument :
MSVOA_V
ClientSampleId :
H4267

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.1	24.4	36.6
84	98.7	69.9	104.9

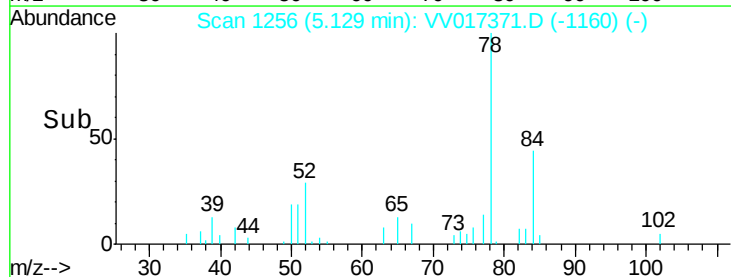
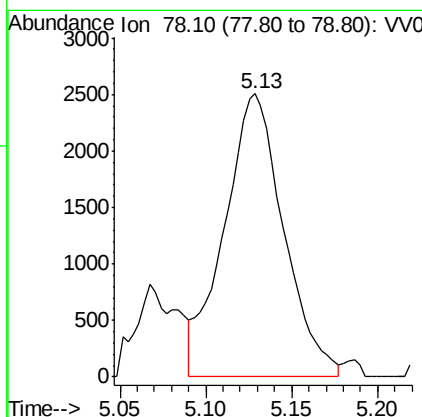
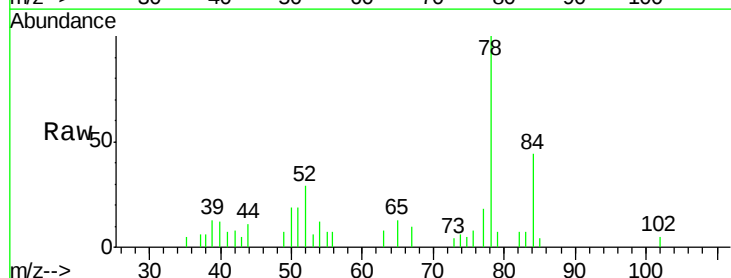
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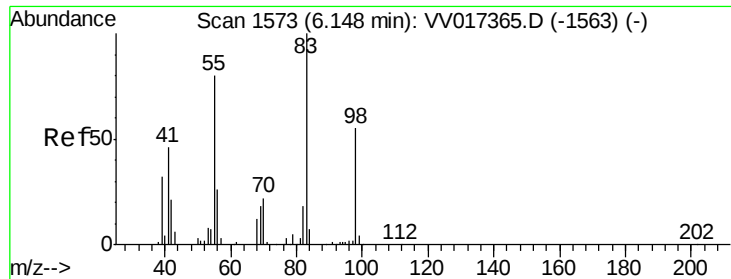
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#33
Benzene
Concen: 0.148 ug/L
RT: 5.13 min Scan# 1256
Delta R.T. 0.01 min
Lab File: VV017371.D
Acq: 07 Jul 2020 12:15

Tgt Ion: 78 Resp: 6018





#35
Methvlcvclohexane
Concen: 0.117 ug/L m
RT: 6.14 min Scan# 1570
Delta R.T. -0.01 min
Lab File: VV017371.D
Acq: 07 Jul 2020 12:15

Instrument :
MSVOA_V
ClientSampleId :
H4267

Tot Ion	Ratio	Resp	Lower	Upper
83	100	2180		
55	6.6		63.6	95.4#
98	9.3		38.8	58.2#

Manual Integrations
APPROVED

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