

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112019\
 Data File : VV013695.D
 Acq On : 20 Nov 2019 17:57
 Operator : SY/MD
 Sample : K5911-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQL1

Manual Integrations
 APPROVED

MMDadoda
 11/22/2019 12:54:03 AM

Quant Time: Nov 21 02:22:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 21 00:51:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	346493	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	344844	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	162859	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	93884	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.58	69	95515	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.13	63	132783	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.92	46	336154	67.91	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	135.82%#
24) Chloroform-d	4.40	84	230571	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.08	65	123763	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.10	84	456209	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	148993	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	389737	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	47206	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.13	63	230932	55.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	109928	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	165357	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
13) Acetone	2.18	43	7323m	2.345	ug/L	
14) Carbon disulfide	2.32	76	15683	0.220	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	44100	0.834	ug/L #	86
33) Benzene	5.15	78	8995	0.086	ug/L	100
34) Trichloroethene	5.96	95	4029	0.144	ug/L	90
35) Methylcyclohexane	6.18	83	3896	0.091	ug/L	94
42) Toluene	7.43	91	41800	0.375	ug/L	100
52) Ethylbenzene	9.05	91	37279	0.314	ug/L	99
53) m,p-xylene	9.18	106	8441	0.188	ug/L	99

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

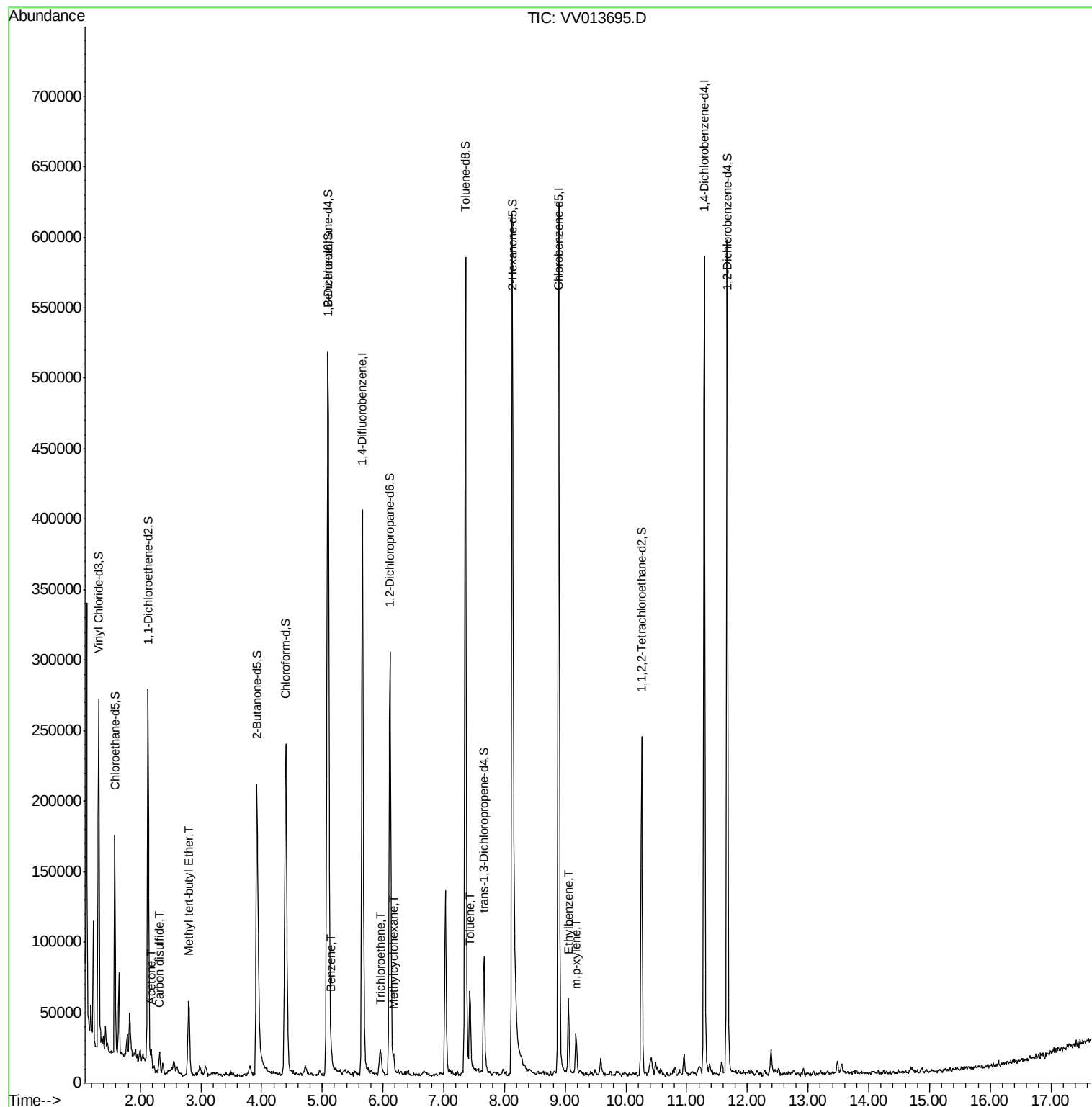
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV112019\
Data File : VV013695.D
Acq On : 20 Nov 2019 17:57
Operator : SY/MD
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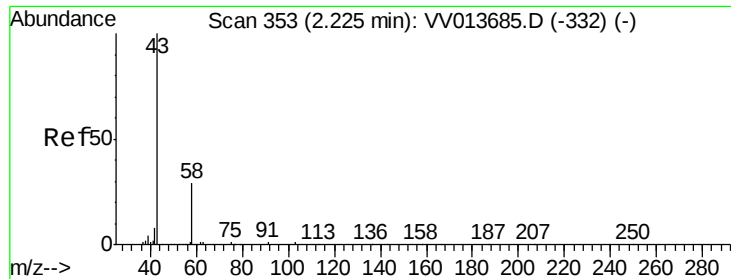
Instrument :
MSVOA_V
ClientSampleId :
GAQL1

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Quant Time: Nov 21 02:22:43 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 21 00:51:34 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.345 ug/L m

RT: 2.18 min Scan# 340

Delta R.T. -0.04 min

Lab File: VV013695.D

Acq: 20 Nov 2019 17:57

Instrument :

MSVOA_V

ClientSampled :

GAQL1

Tot Ion: 43 Resp: 7323

Ion Ratio Lower Upper

43 100

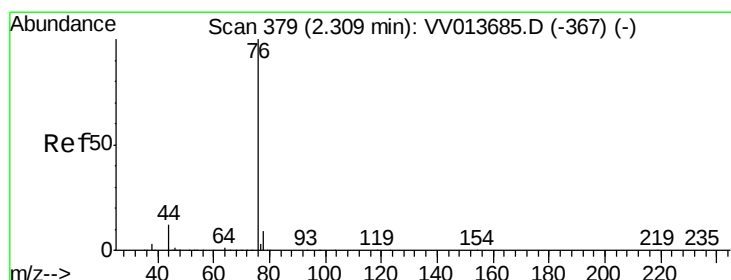
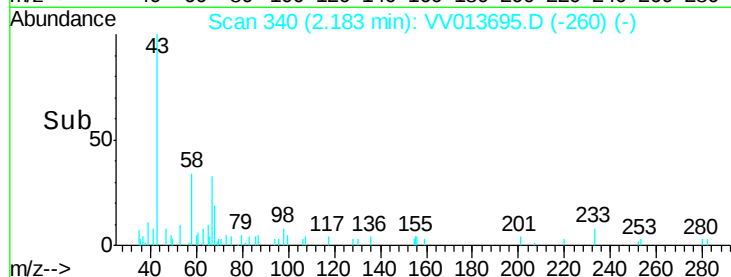
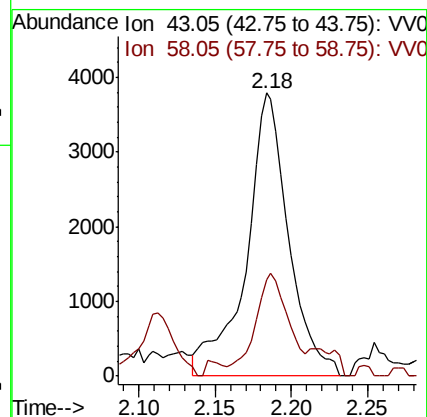
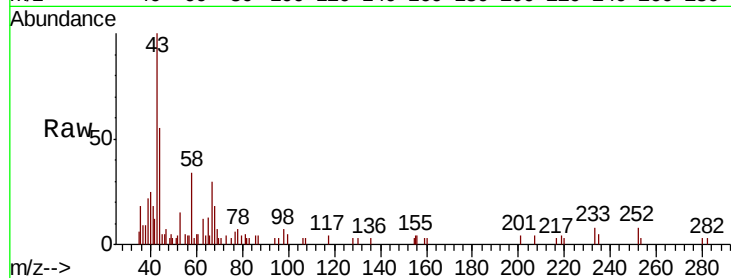
58 1.1 0.0 17.0

Manual Integrations

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#14

Carbon disulfide

Concen: 0.220 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV013695.D

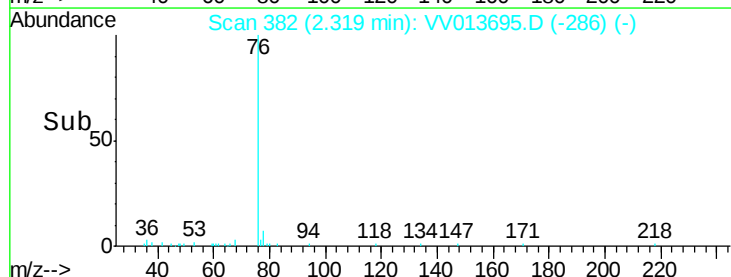
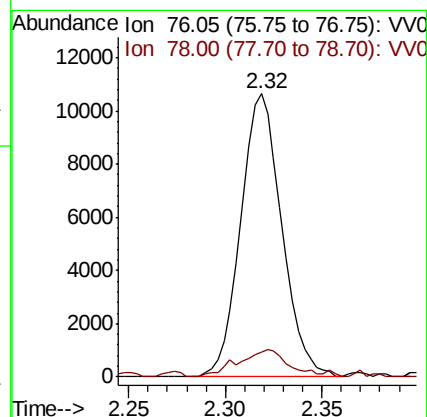
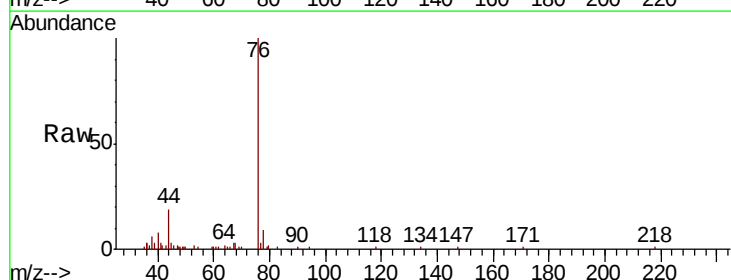
Acq: 20 Nov 2019 17:57

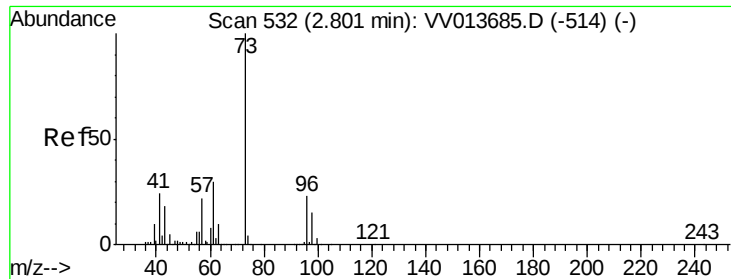
Tgt Ion: 76 Resp: 15683

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2





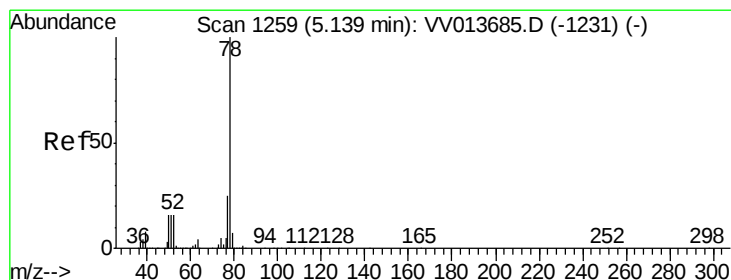
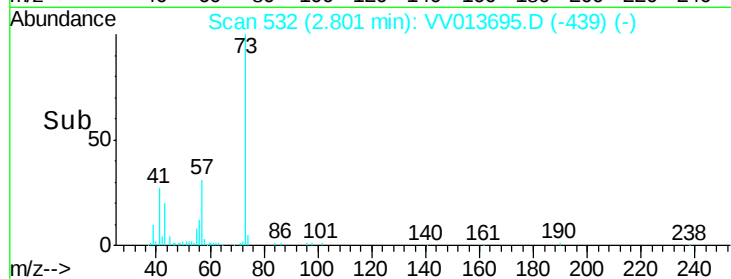
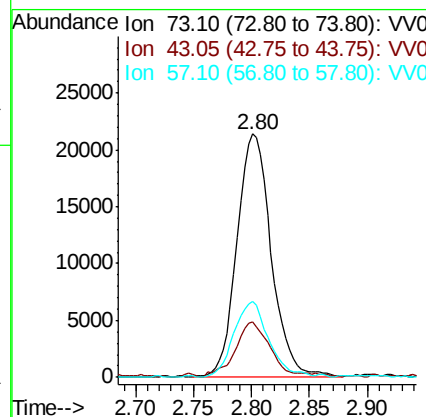
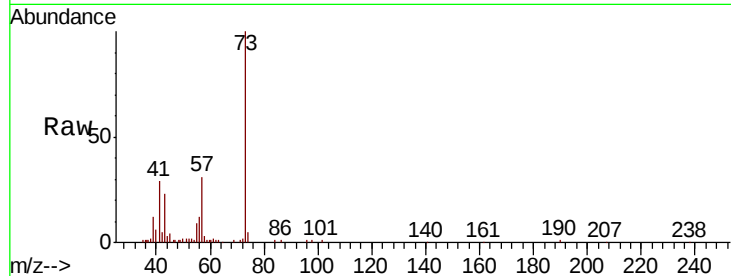
#17
Methvl tert-butvl Ether
Concen: 0.834 ug/L
RT: 2.80 min Scan# 532
Delta R.T. -0.00 min
Lab File: VV013695.D
Acq: 20 Nov 2019 17:57

Instrument :
MSVOA_V
ClientSampleId :
GAQL1

Tot Ion	Ratio	Lower	Upper
73	100		
43	22.8	15.4	23.0
57	31.5	18.1	27.1

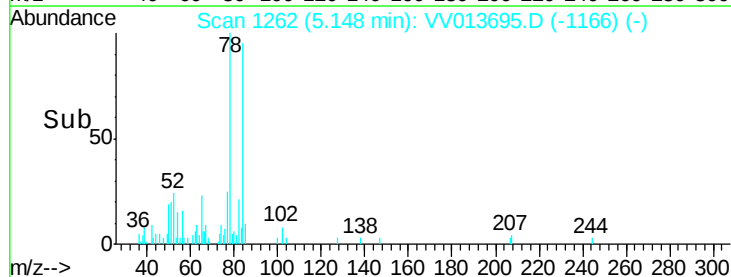
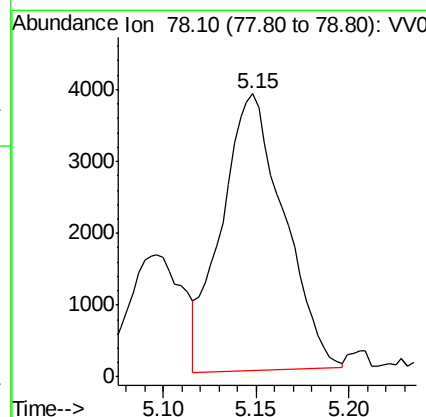
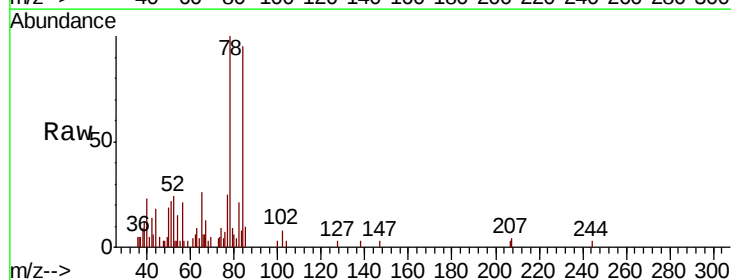
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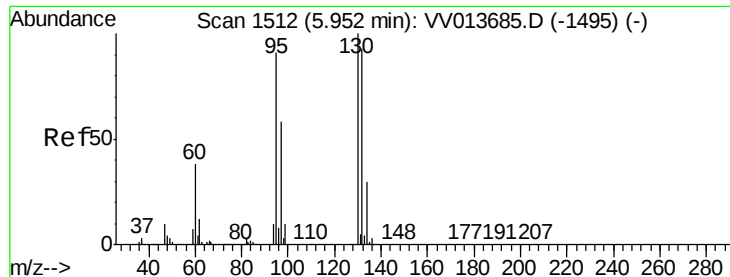
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#33
Benzene
Concen: 0.086 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013695.D
Acq: 20 Nov 2019 17:57

Tgt Ion: 78 Resp: 8995





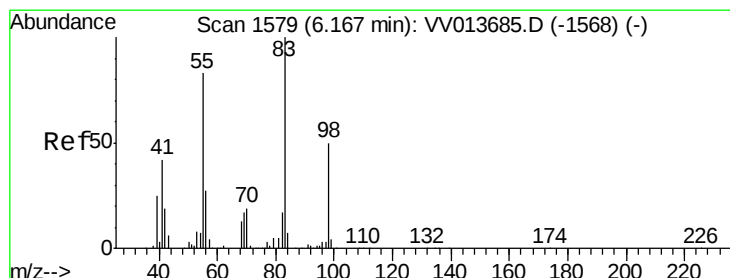
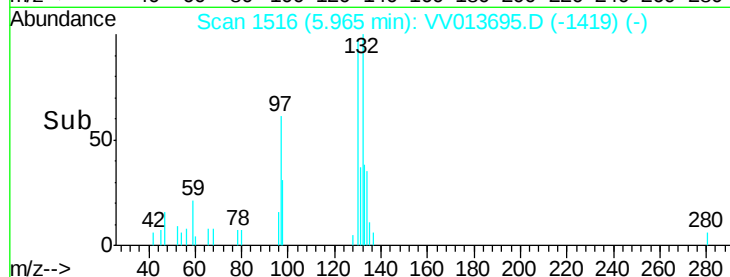
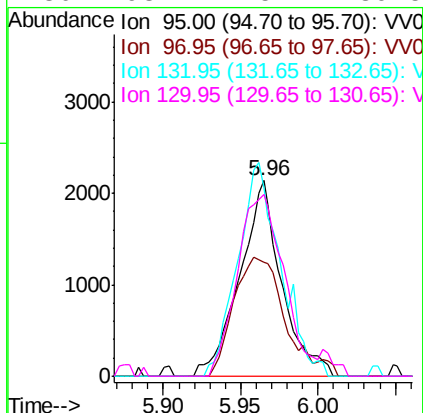
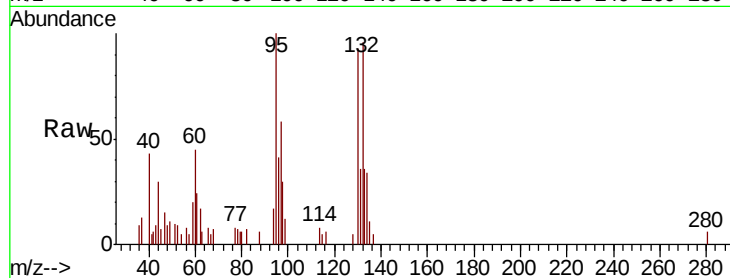
#34
 Trichloroethene
 Concen: 0.144 ug/L
 RT: 5.96 min Scan# 1516
 Delta R.T. 0.01 min
 Lab File: VV013695.D
 Acq: 20 Nov 2019 17:57

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQL1

Tot Ion:	95	Resp:	4029
Ion	Ratio	Lower	Upper
95	100		
97	58.3	44.8	83.2
132	96.0	72.9	135.3
130	93.2	75.1	139.5

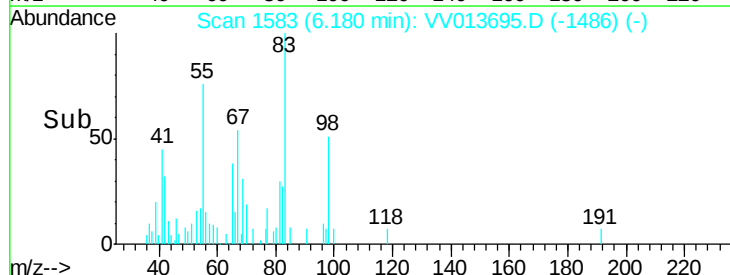
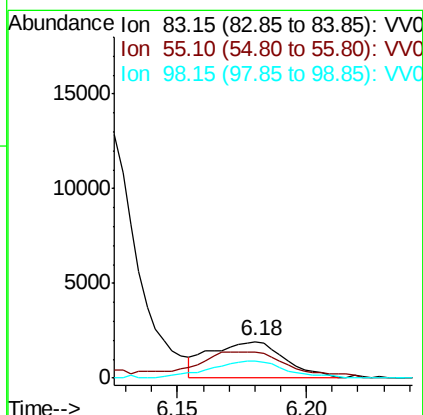
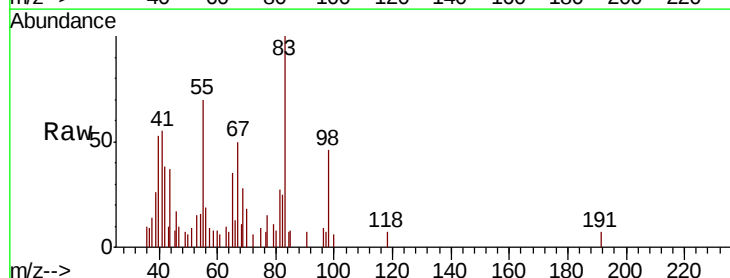
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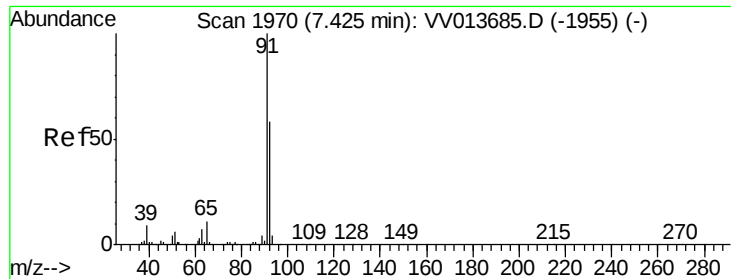
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#35
 Methylcyclohexane
 Concen: 0.091 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.01 min
 Lab File: VV013695.D
 Acq: 20 Nov 2019 17:57

Tgt Ion:	83	Resp:	3896
Ion	Ratio	Lower	Upper
83	100		
55	87.6	64.1	96.1
98	48.2	38.2	57.2





#42

Toluene

Concen: 0.375 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV013695.D

Acq: 20 Nov 2019 17:57

Instrument :

MSVOA_V

ClientSampleId :

GAQL1

Tot Ion: 91 Resp: 41800

Ion Ratio Lower Upper

91 100

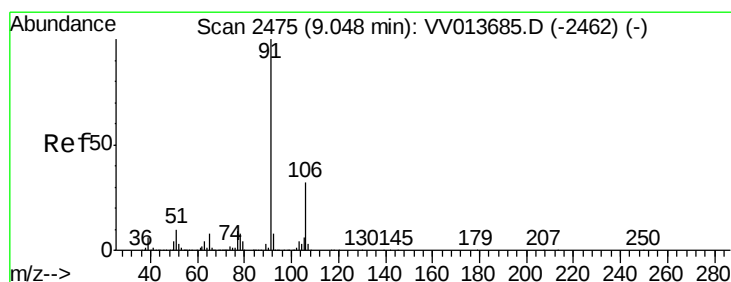
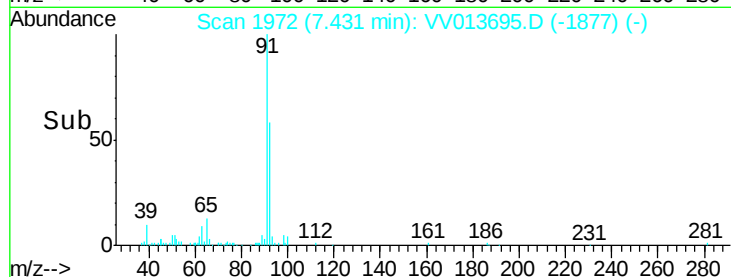
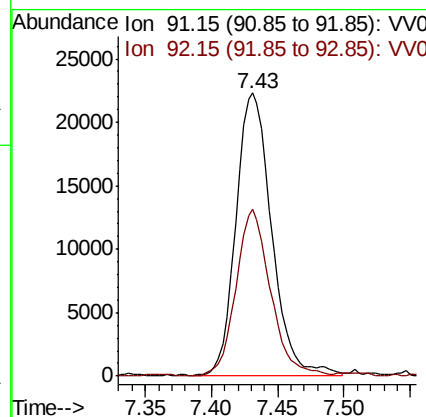
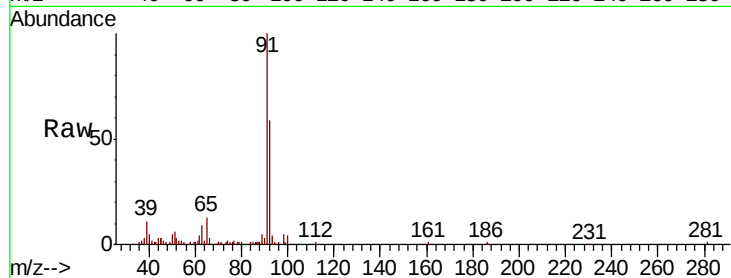
92 58.8 41.2 76.6

Manual Integrations

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#52

Ethylbenzene

Concen: 0.314 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.01 min

Lab File: VV013695.D

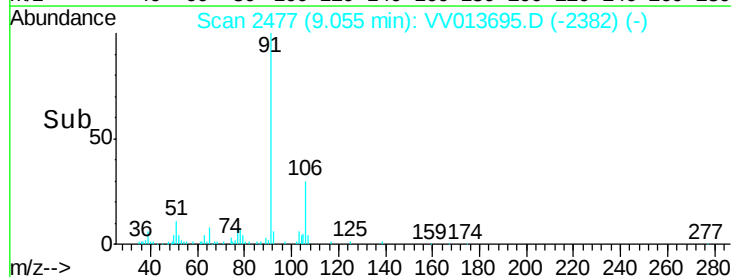
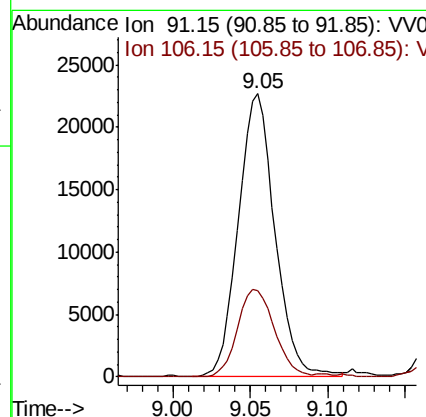
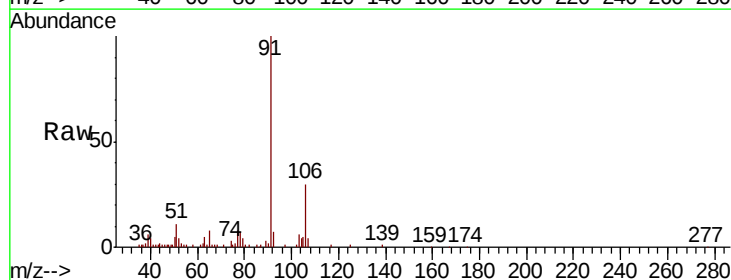
Acq: 20 Nov 2019 17:57

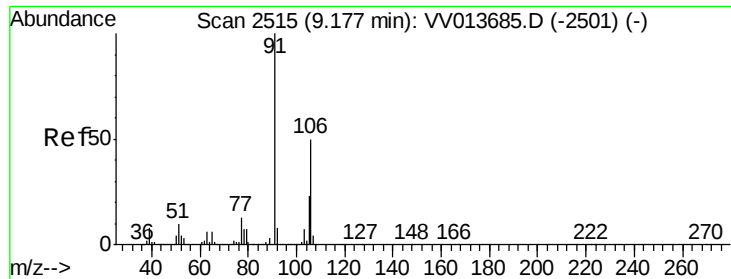
Tgt Ion: 91 Resp: 37279

Ion Ratio Lower Upper

91 100

106 30.4 21.7 40.3





#53
 m,p-xylene
 Concen: 0.188 ug/L
 RT: 9.18 min Scan# 2515
 Delta R.T. -0.00 min
 Lab File: VV013695.D
 Acq: 20 Nov 2019 17:57

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQL1

Tot Ion	Ratio	Lower	Upper
106	100		
91	198.2	138.1	256.5

Manual Integrations
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MMDadoda
 11/22/2019 12:54:03 AM

