

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU110119\
 Data File : VU035583.D
 Acq On : 31 Oct 2019 09:17
 Operator : JC/SP
 Sample : VU1101WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VBLK45

Quant Time: Oct 31 09:57:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM103119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 31 00:14:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	681202	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	664430	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	203622	50.00	ug/L	0.00

System Monitoring Compounds

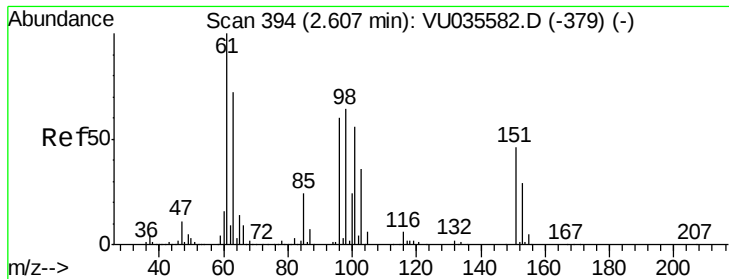
4) Vinyl Chloride-d3	1.62	65	266498	48.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.88%
7) Chloroethane-d5	1.93	69	221071	50.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.62%
11) 1,1-Dichloroethene-d2	2.59	63	319064	37.29	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.58%
21) 2-Butanone-d5	4.69	46	324715	101.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.04%
24) Chloroform-d	5.11	84	419473	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
26) 1,2-Dichloroethane-d4	5.75	65	268259	51.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.08%
32) Benzene-d6	5.77	84	886683	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.38%
36) 1,2-Dichloropropane-d6	6.73	67	290603	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.48%
41) Toluene-d8	7.93	98	808411	49.49	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.98%
43) trans-1,3-Dichloropropene-	8.21	79	129979	50.24	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.48%
47) 2-Hexanone-d5	8.68	63	209858	97.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.49%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	380567	47.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.30%
64) 1,2-Dichlorobenzene-d4	12.22	152	219844	53.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.06%

Target Compounds

					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3193	0.754 ug/L #	20
48) 2-Hexanone	8.68	43	18622	3.423 ug/L #	65
59) 1,2,3-Trichloropropane	11.84	75	22246	3.412 ug/L	92
68) 1,2,4-trichlorobenzene	13.87	180	3832	1.541 ug/L	95
69) Naphthalene	14.11	128	9041	1.418 ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	4583	1.711 ug/L	90

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

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Sample    : VU1101WBL01
Misc      : 5.0mL/MSVOA_U/WATER
ALS Vial  : 3      Sample Multiplier: 1
```



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.754 ug/L

RT: 2.59 min Scan# 390

Delta R.T. -0.01 min

Lab File: VU035583.D

Acq: 31 Oct 2019 09:17

Instrument :

MSVOA_U

ClientSampleId :

VBLK45

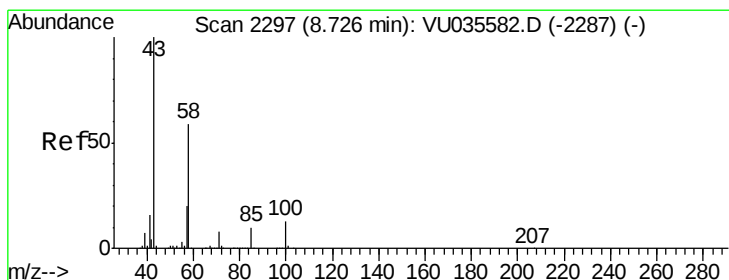
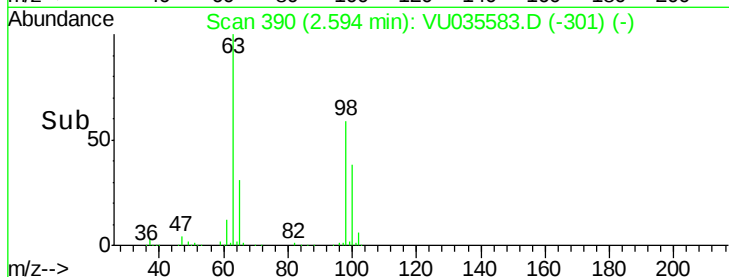
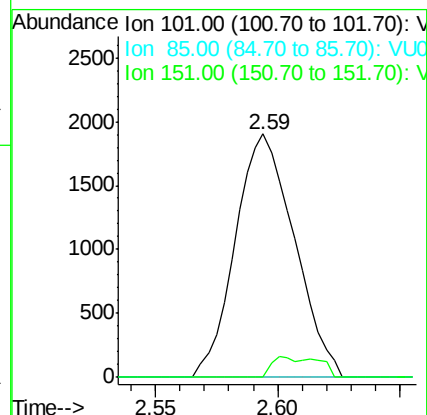
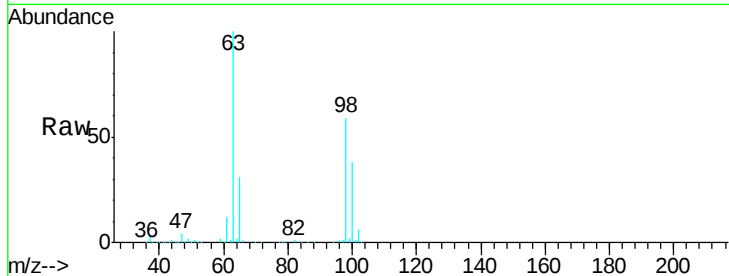
Tgt Ion: 101 Resp: 3193

Ion Ratio Lower Upper

101 100

85 0.0 34.0 51.0#

151 3.4 64.2 96.4#



#48

2-Hexanone

Concen: 3.423 ug/L

RT: 8.68 min Scan# 2282

Delta R.T. -0.05 min

Lab File: VU035583.D

Acq: 31 Oct 2019 09:17

Tgt Ion: 43 Resp: 18622

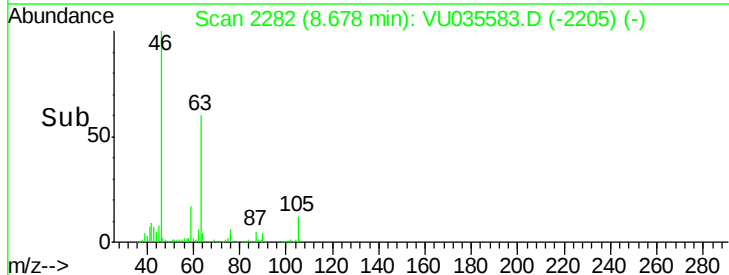
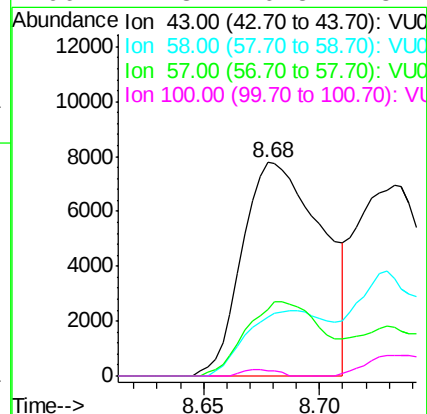
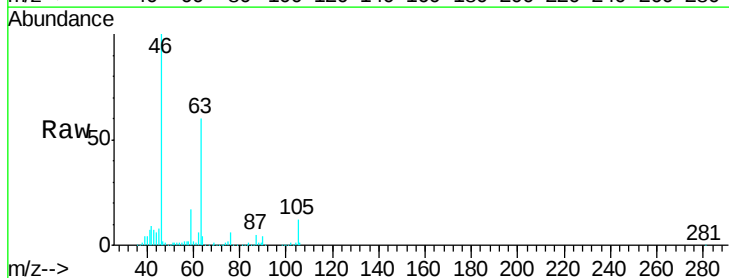
Ion Ratio Lower Upper

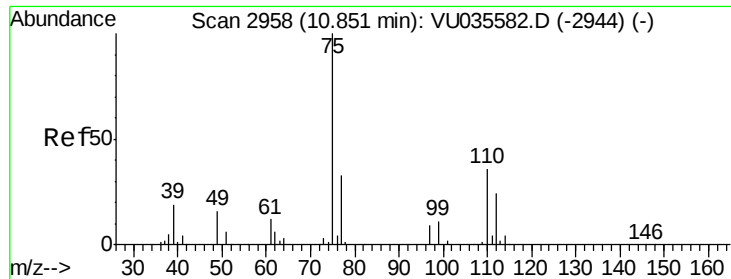
43 100

58 30.7 50.4 75.6#

57 31.8 17.4 26.0#

100 1.3 10.5 15.7#

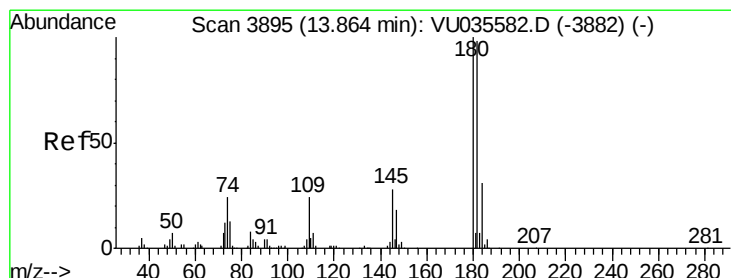
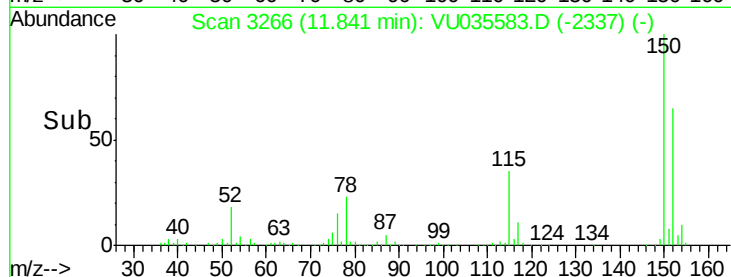
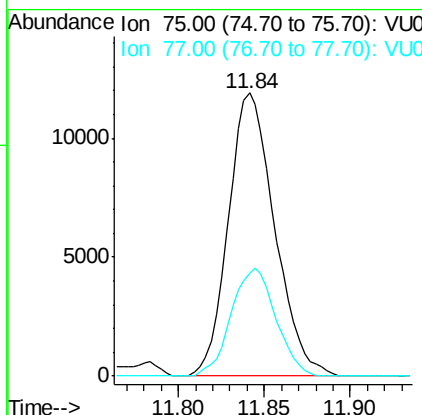
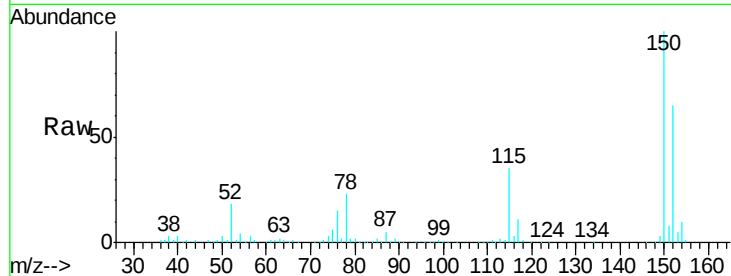




#59
 1,2,3-Trichloropropane
 Concen: 3.412 ug/L
 RT: 11.84 min Scan# 3266
 Delta R.T. 0.99 min
 Lab File: VU035583.D
 Acq: 31 Oct 2019 09:17

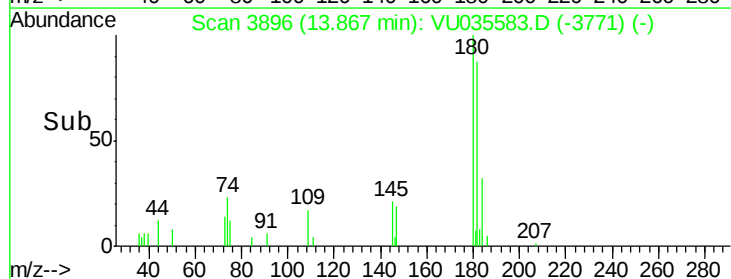
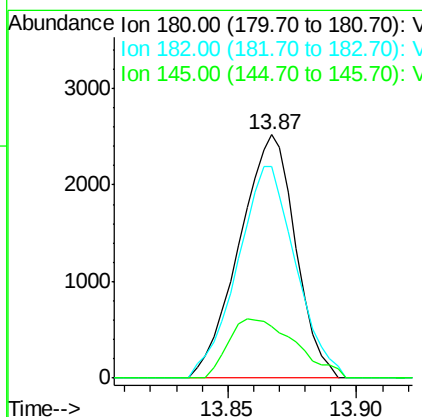
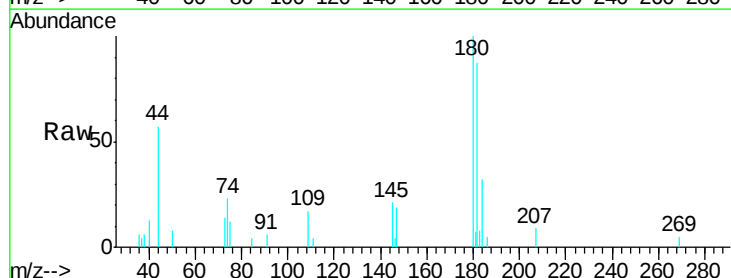
Instrument :
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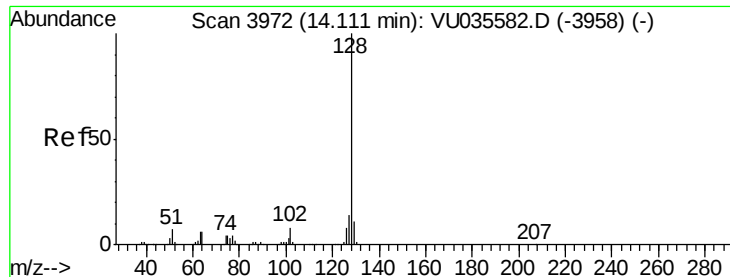
Tgt Ion: 75 Resp: 22246
 Ion Ratio Lower Upper
 75 100
 77 36.6 25.7 38.5



#68
 1,2,4-trichlorobenzene
 Concen: 1.541 ug/L
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU035583.D
 Acq: 31 Oct 2019 09:17

Tgt Ion: 180 Resp: 3832
 Ion Ratio Lower Upper
 180 100
 182 90.2 76.6 115.0
 145 29.1 21.9 32.9





#69

Naphthalene

Concen: 1.418 ug/L

RT: 14.11 min Scan# 3972

Delta R.T. -0.00 min

Lab File: VU035583.D

Acq: 31 Oct 2019 09:17

Instrument :

MSVOA_U

ClientSampleId :

VBLK45

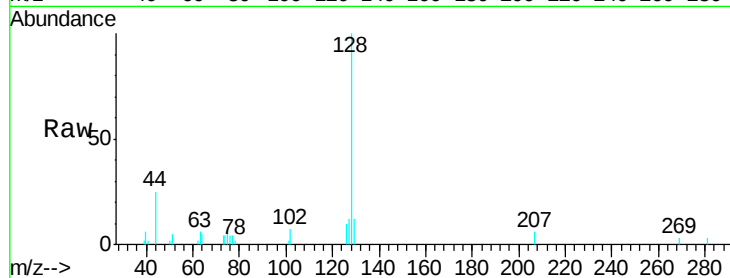
Tgt Ion:128 Resp: 9041

Ion Ratio Lower Upper

128 100

127 12.3 10.7 16.1

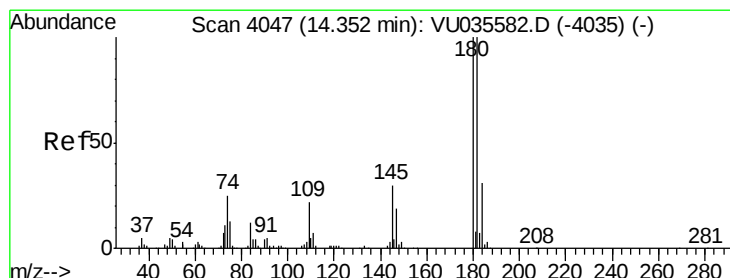
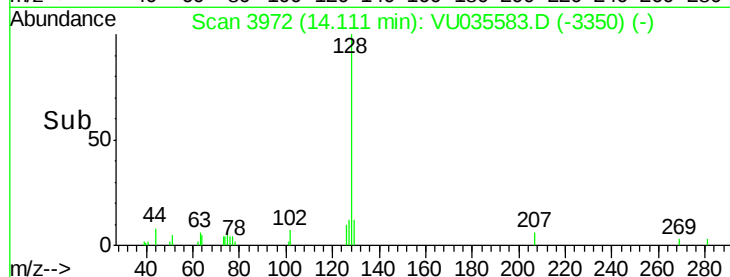
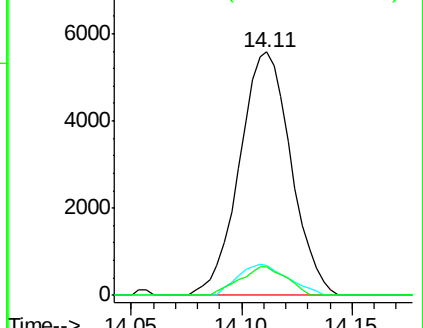
129 10.7 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 1.711 ug/L

RT: 14.35 min Scan# 4047

Delta R.T. -0.00 min

Lab File: VU035583.D

Acq: 31 Oct 2019 09:17

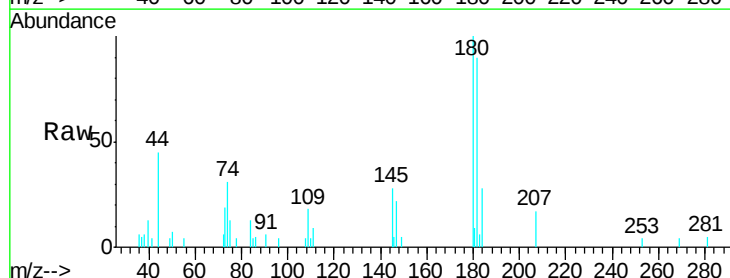
Tgt Ion:180 Resp: 4583

Ion Ratio Lower Upper

180 100

182 84.7 77.6 116.4

145 28.0 23.4 35.0



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

