

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031591.D
 Acq On : 29 Apr 2019 17:05
 Operator : JC/SP
 Sample : K2592-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X81

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 12:07:36 PM

Quant Time: Apr 30 04:15:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	642822	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	651062	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	237816	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	280529	52.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.28%
7) Chloroethane-d5	1.68	69	227294	54.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.34%
11) 1,1-Dichloroethene-d2	2.27	63	419993	39.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.40%
21) 2-Butanone-d5	4.19	46	567638	116.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.45%
24) Chloroform-d	4.64	84	516265	52.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.80%
26) 1,2-Dichloroethane-d4	5.31	65	357453	55.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	111.06%
32) Benzene-d6	5.34	84	1003704	50.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.32	67	361171	51.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.70%
41) Toluene-d8	7.56	98	810960	46.57	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.14%
43) trans-1,3-Dichloropropene-	7.85	79	143488	47.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.04%
47) 2-Hexanone-d5	8.31	63	320927	105.41	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.41%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	469685	49.76	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	266322	53.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.50%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	85668	9.398	ug/L	99
13) Acetone	2.34	43	210099	38.264	ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	27212	4.854	ug/L	91
22) 2-Butanone	4.30	43	21393m	3.517	ug/L	
34) Trichloroethene	6.19	95	23368	4.027	ug/L	93
42) Toluene	7.64	91	17407	0.730	ug/L	97
46) Tetrachloroethene	8.22	164	249135	62.981	ug/L	97

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

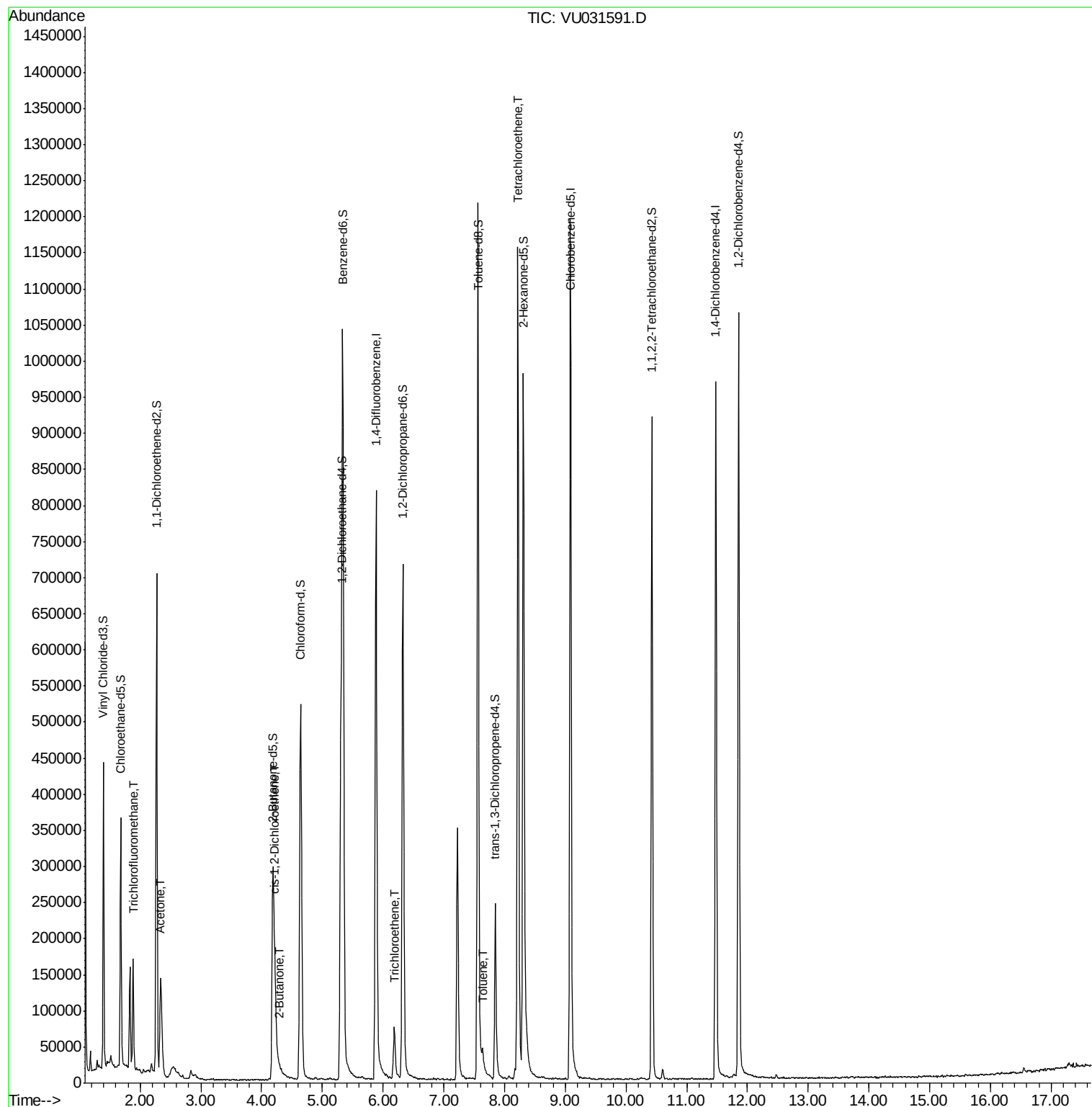
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031591.D
Acq On : 29 Apr 2019 17:05
Operator : JC/SP
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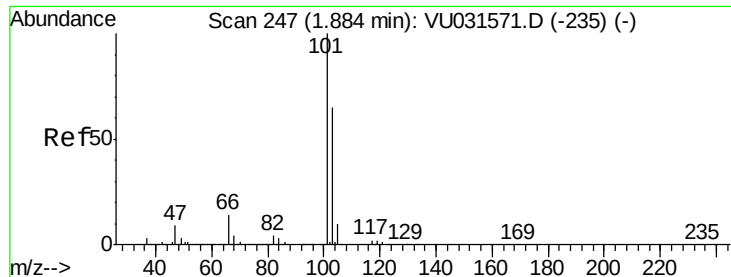
Instrument :
MSVOA_U
ClientSampleId :
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Quant Time: Apr 30 04:15:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Apr 30 01:54:25 2019
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#9

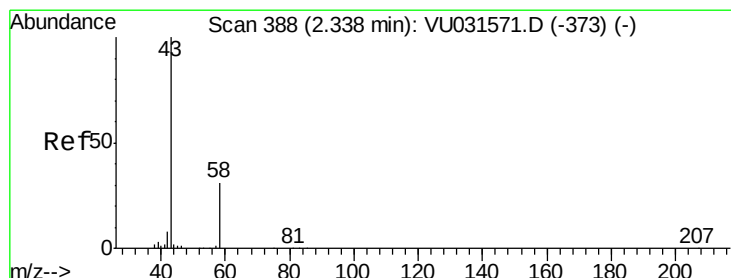
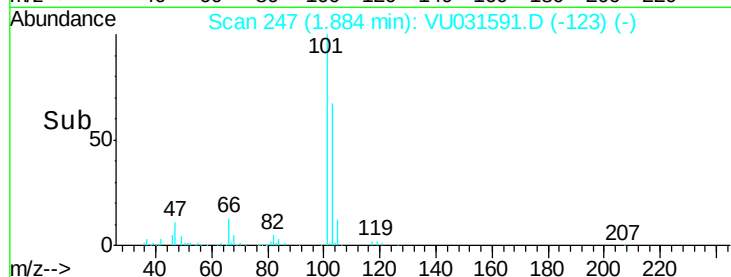
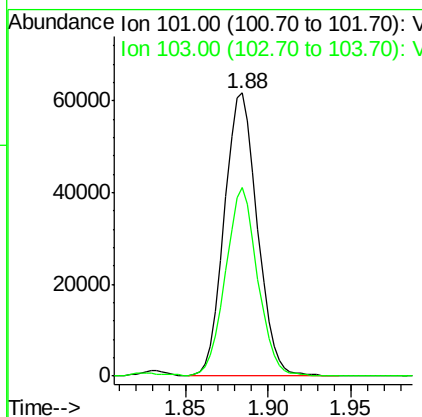
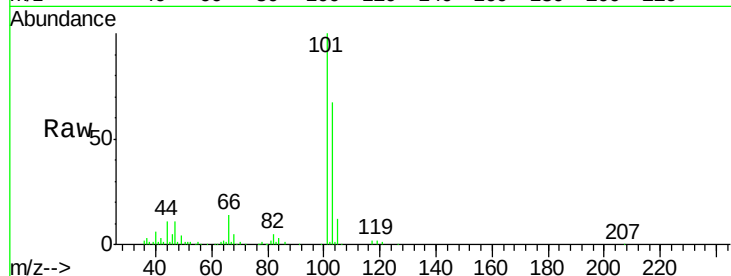
Trichlorofluoromethane
 Concen: 9.398 ug/L
 RT: 1.88 min Scan# 247
 Delta R.T. 0.00 min
 Lab File: VU031591.D
 Acq: 29 Apr 2019 17:05

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X81

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	50.8	76.2

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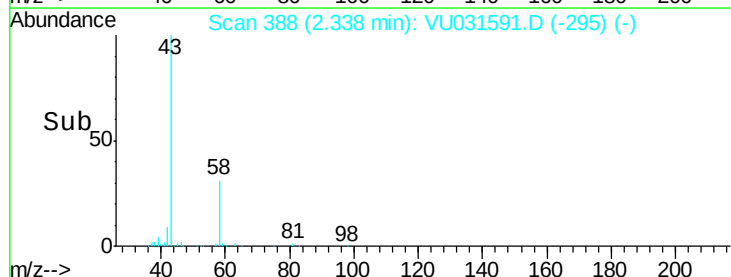
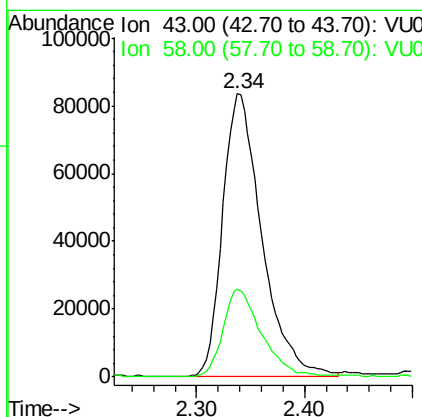
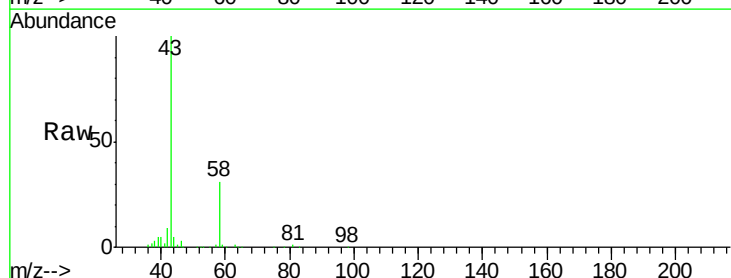
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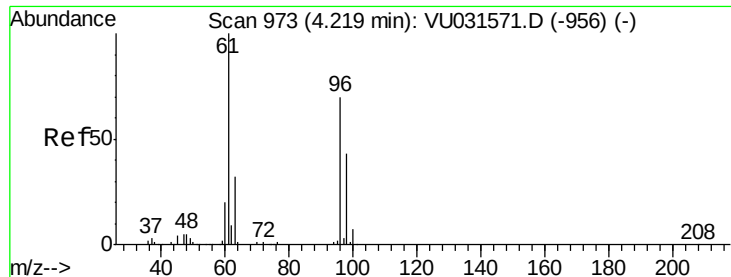


#13

Acetone
 Concen: 38.264 ug/L
 RT: 2.34 min Scan# 388
 Delta R.T. 0.00 min
 Lab File: VU031591.D
 Acq: 29 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	64.4





#20

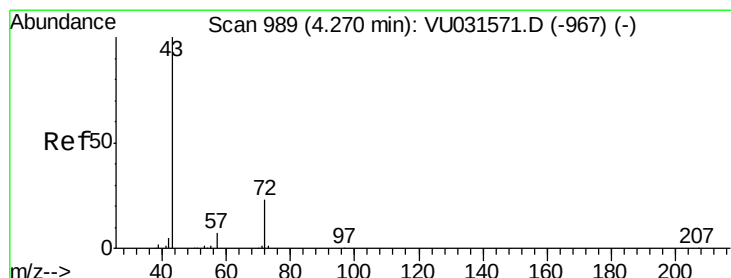
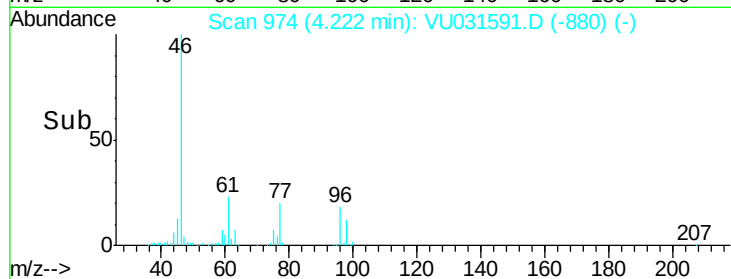
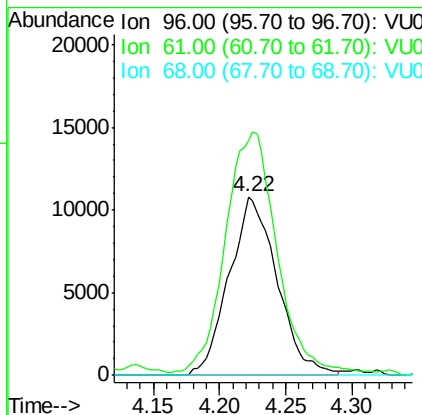
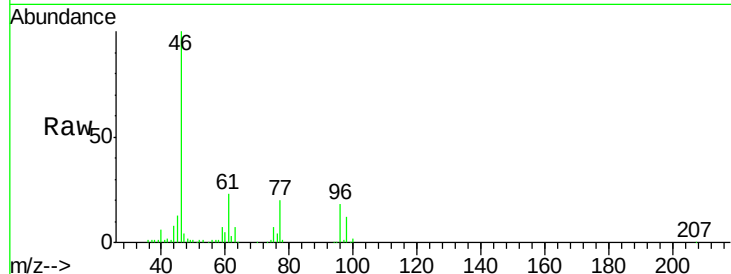
cis-1,2-Dichloroethene
 Concen: 4.854 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031591.D
 Acq: 29 Apr 2019 17:05

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X81

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.1	99.5	184.7
68	0.0	0.0	0.0

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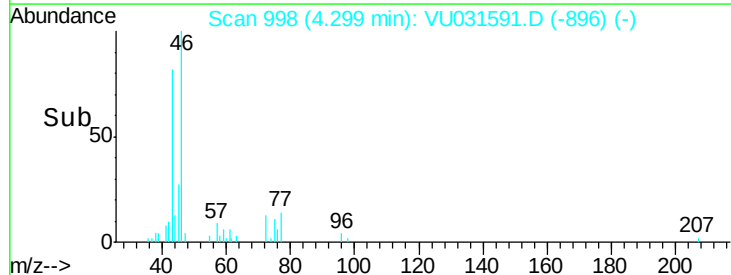
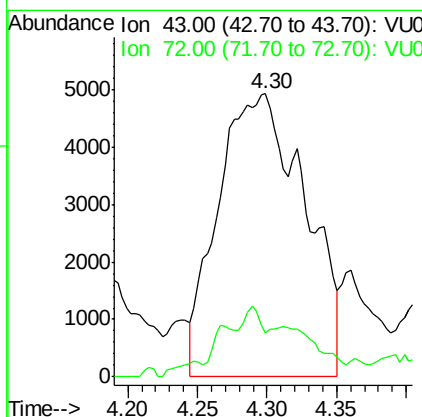
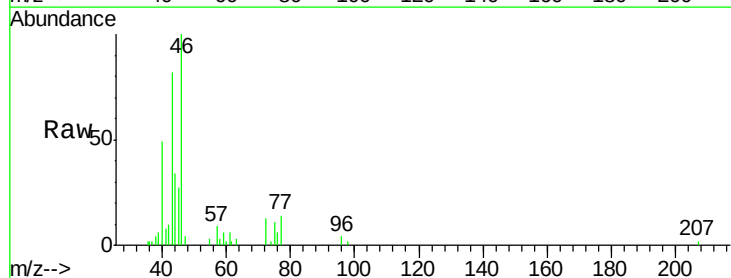
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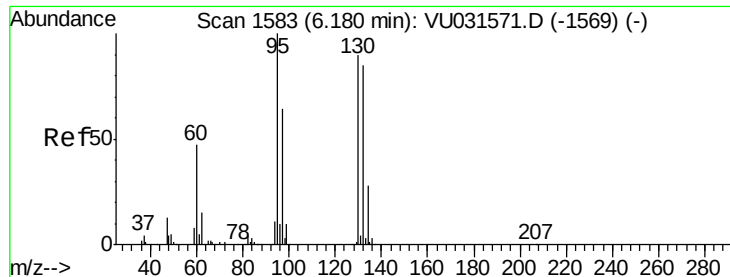


#22

2-Butanone
 Concen: 3.517 ug/L m
 RT: 4.30 min Scan# 998
 Delta R.T. 0.03 min
 Lab File: VU031591.D
 Acq: 29 Apr 2019 17:05

Tgt Ion	Ratio	Lower	Upper
43	100		
72	0.6	11.4	34.2#





#34

Trichloroethene

Concen: 4.027 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031591.D

Acq: 29 Apr 2019 17:05

Instrument :

MSVOA_U

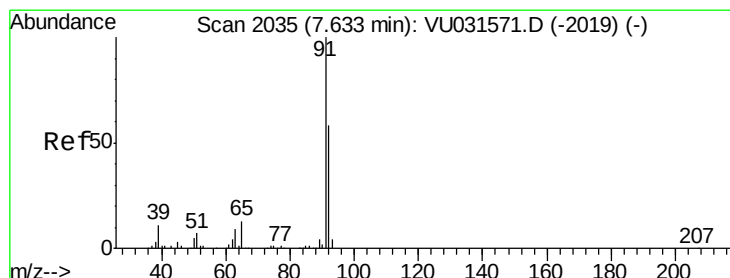
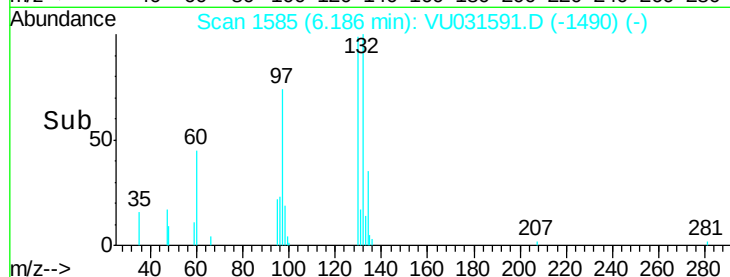
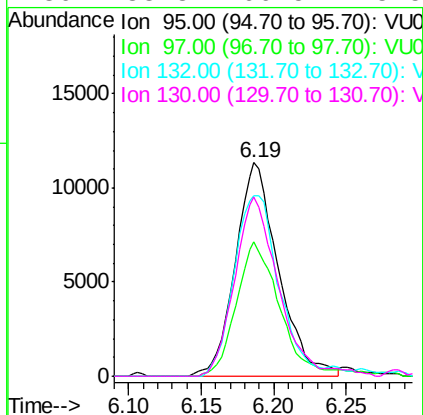
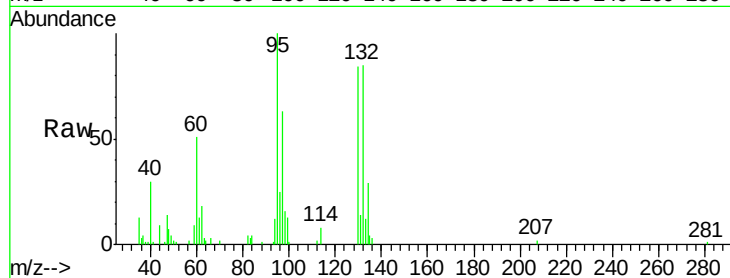
ClientSampleId :

C0X81

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		23368		
97	62.8	44.8	83.2		
132	84.6	63.1	117.1		
130	83.8	66.5	123.5		

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#42

Toluene

Concen: 0.730 ug/L

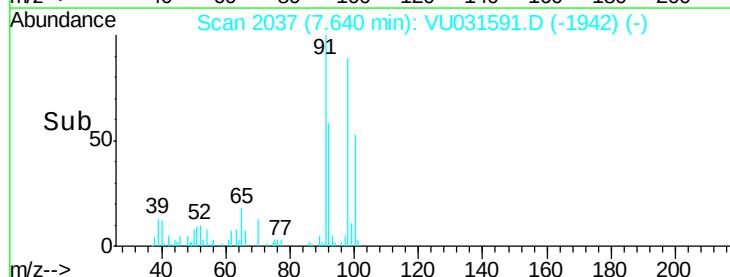
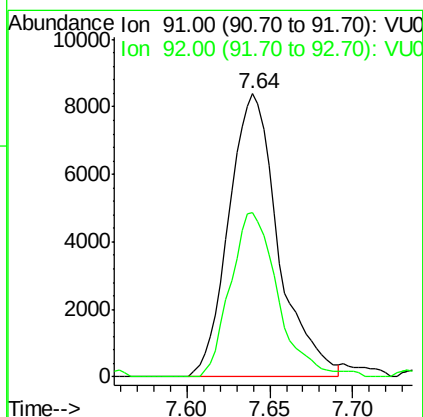
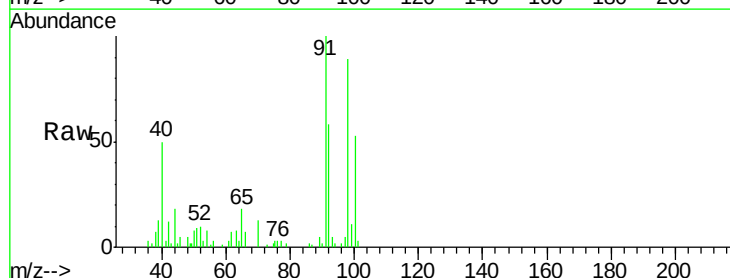
RT: 7.64 min Scan# 2037

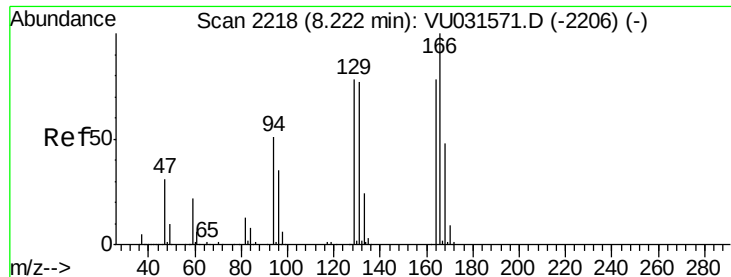
Delta R.T. 0.01 min

Lab File: VU031591.D

Acq: 29 Apr 2019 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		17407		
92	57.9	39.0	72.4		





#46
 Tetrachloroethene
 Concen: 62.981 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VU031591.D
 Acq: 29 Apr 2019 17:05

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X81

Tot Ion	Ratio	Resp	Lower	Upper
164	100	249135		
129	104.4		71.5	132.9
131	101.2		69.0	128.2
166	128.3		93.7	173.9

Manual Integrations
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