

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042919\
 Data File : VU031593.D
 Acq On : 29 Apr 2019 17:51
 Operator : JC/SP
 Sample : K2592-14DL 2500X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X77DL

Quant Time: Apr 30 01:59:39 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	664817	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	642467	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	234424	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	262152	47.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.24%
7) Chloroethane-d5	1.68	69	218818	50.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.78%
11) 1,1-Dichloroethene-d2	2.27	63	398095	35.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.86%
21) 2-Butanone-d5	4.19	46	602200	119.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.45%
24) Chloroform-d	4.64	84	501674	49.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.46%
26) 1,2-Dichloroethane-d4	5.31	65	357594	53.71	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.42%
32) Benzene-d6	5.34	84	970489	49.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.38%
36) 1,2-Dichloropropane-d6	6.33	67	360235	51.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.80%
41) Toluene-d8	7.56	98	779076	45.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.68%
43) trans-1,3-Dichloropropene-	7.85	79	134913	45.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.56%
47) 2-Hexanone-d5	8.31	63	329918	109.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	473892	50.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.74%
64) 1,2-Dichlorobenzene-d4	11.86	152	258230	52.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.76%

Target Compounds

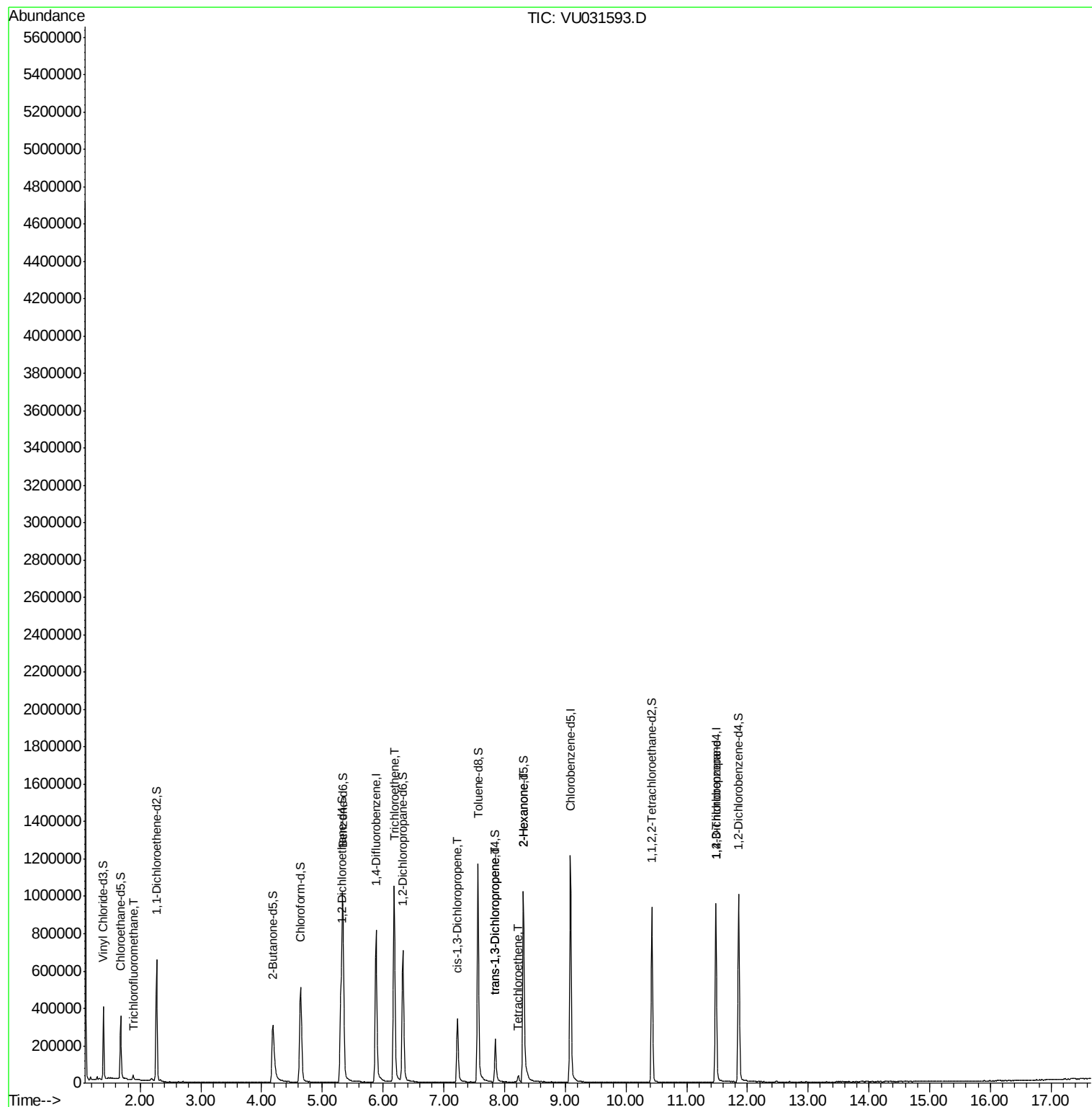
					Qvalue
9) Trichlorofluoromethane	1.88	101	8615	0.914 ug/L	99
34) Trichloroethene	6.18	95	399336	69.743 ug/L	93
39) cis-1,3-Dichloropropene	7.23	75	7706	0.870 ug/L #	42
44) trans-1,3-Dichloropropene	7.85	75	5054	0.629 ug/L	85
46) Tetrachloroethene	8.23	164	7798	1.998 ug/L	96
48) 2-Hexanone	8.31	43	47635	5.709 ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	33730	4.242 ug/L	91

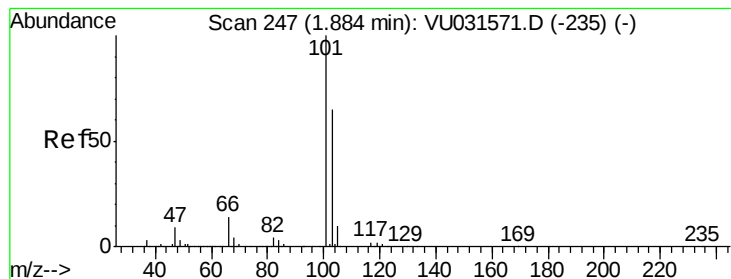
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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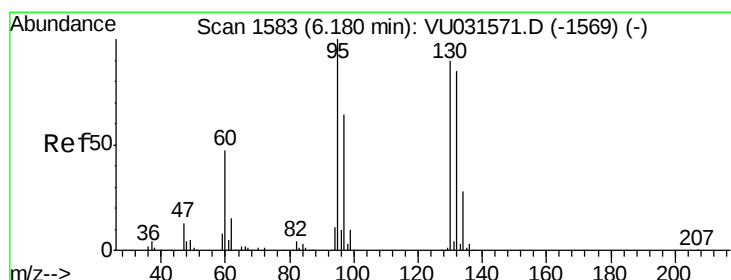
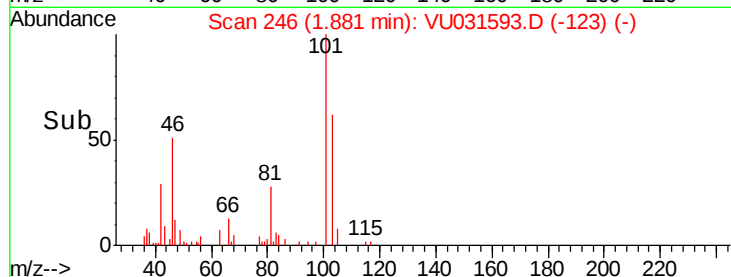
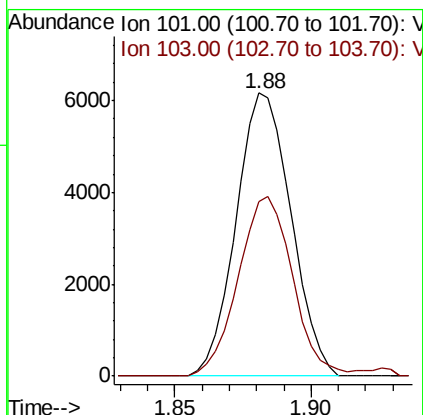
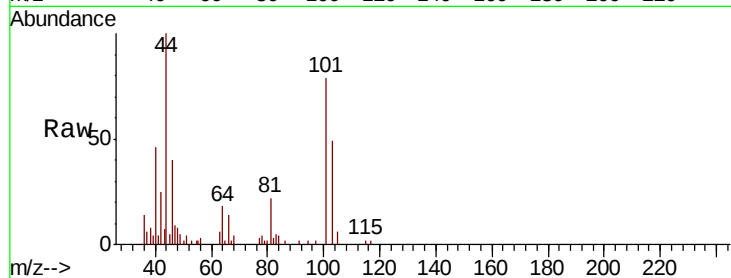


#9

Trichlorofluoromethane
 Concen: 0.914 ug/L
 RT: 1.88 min Scan# 246
 Delta R.T. -0.00 min
 Lab File: VU031593.D
 Acq: 29 Apr 2019 17:51

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X77DL

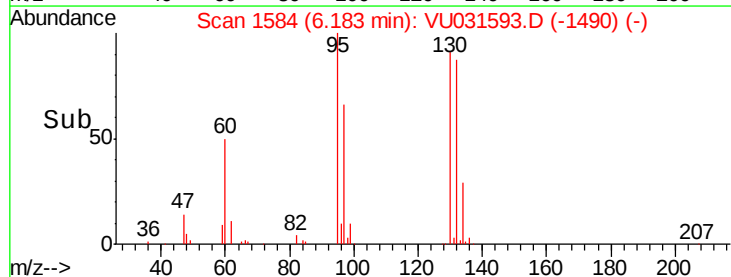
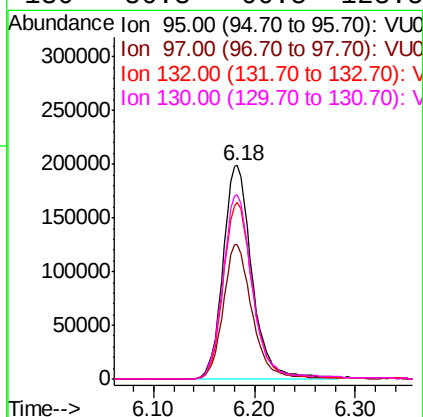
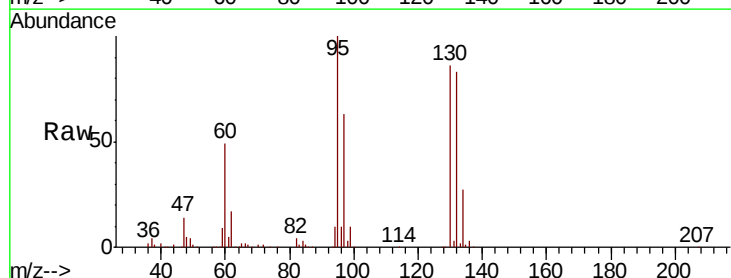
Tgt Ion: 101 Resp: 8615
 Ion Ratio Lower Upper
 101 100
 103 62.7 50.8 76.2

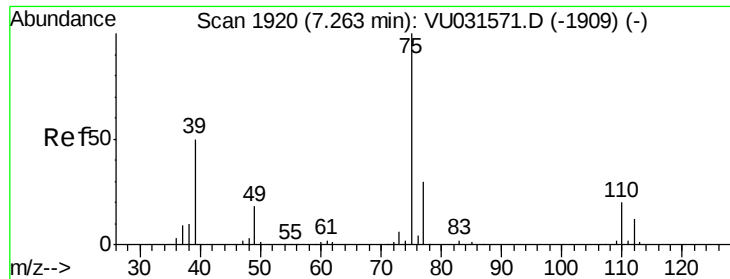


#34

Trichloroethene
 Concen: 69.743 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: VU031593.D
 Acq: 29 Apr 2019 17:51

Tgt Ion: 95 Resp: 399336
 Ion Ratio Lower Upper
 95 100
 97 62.8 44.8 83.2
 132 82.9 63.1 117.1
 130 86.3 66.5 123.5

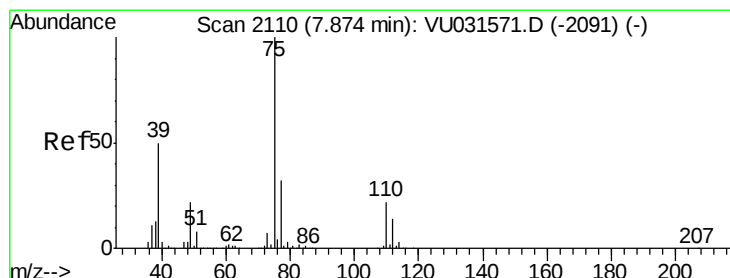
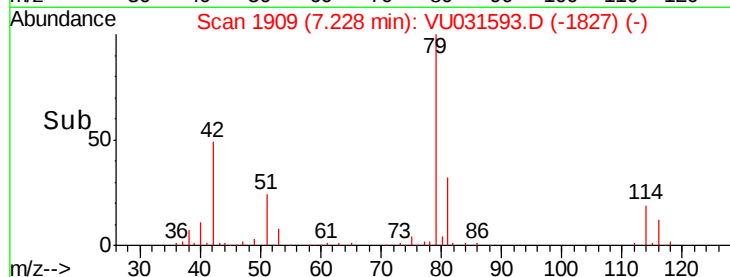
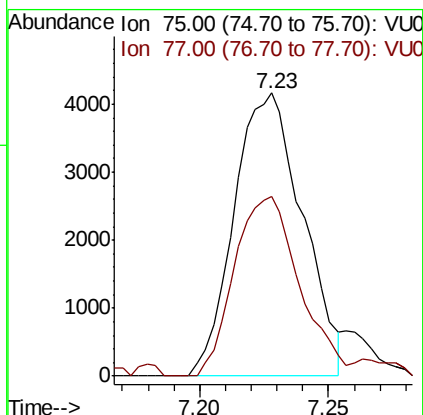
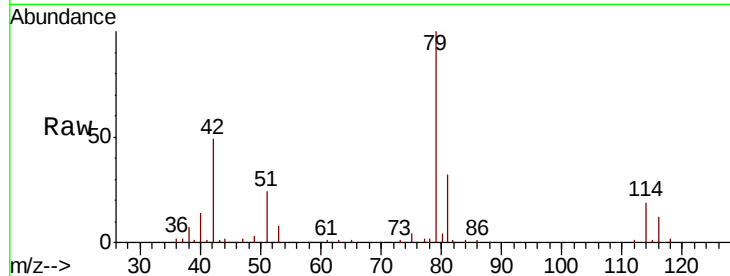




#39
 cis-1,3-Dichloropropene
 Concen: 0.870 ug/L
 RT: 7.23 min Scan# 1909
 Delta R.T. -0.04 min
 Lab File: VU031593.D
 Acq: 29 Apr 2019 17:51

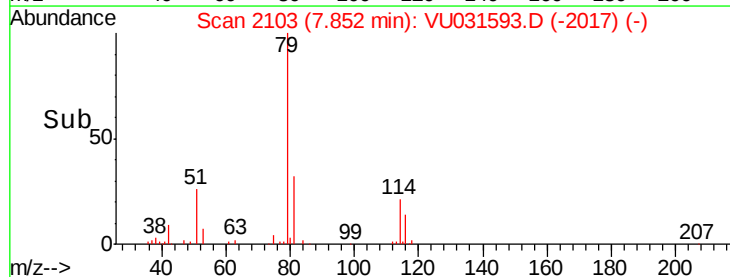
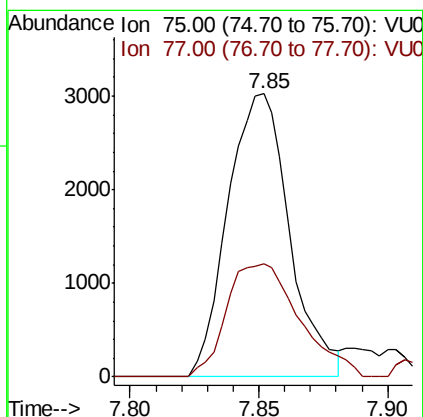
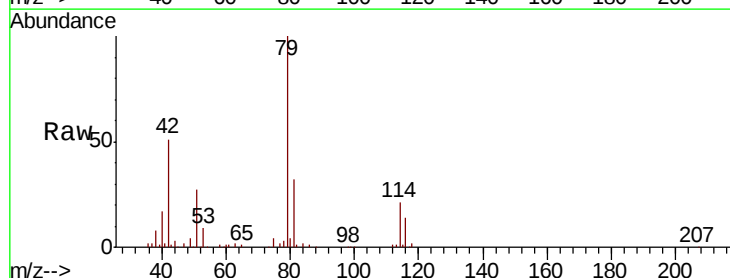
Instrument :
 MSVOA_U
 ClientSampleId :
 C0X77DL

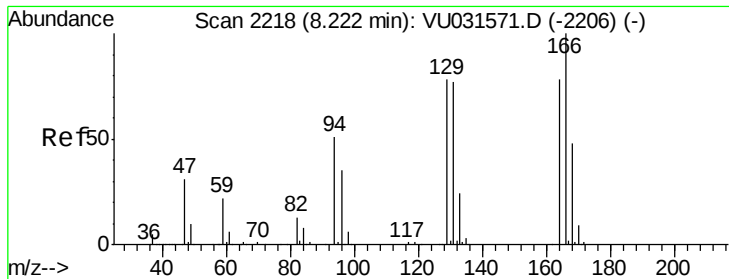
Tgt Ion: 75 Resp: 7706
 Ion Ratio Lower Upper
 75 100
 77 63.5 22.1 41.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.629 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: VU031593.D
 Acq: 29 Apr 2019 17:51

Tgt Ion: 75 Resp: 5054
 Ion Ratio Lower Upper
 75 100
 77 40.0 22.1 41.1

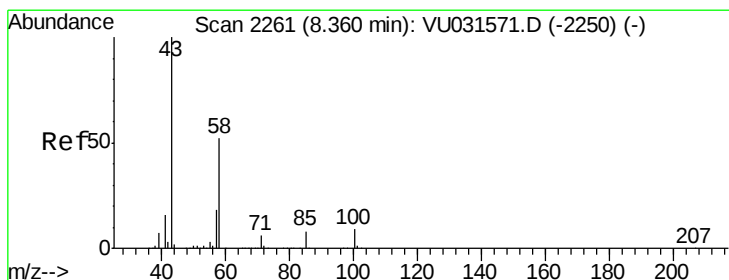
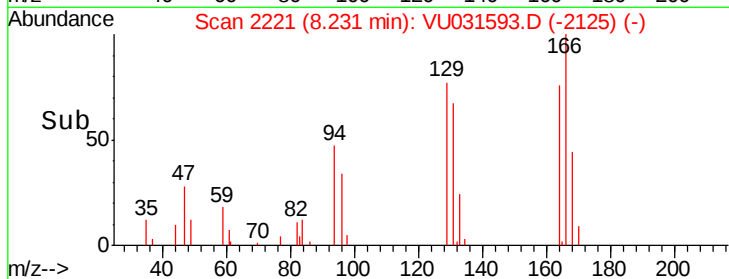
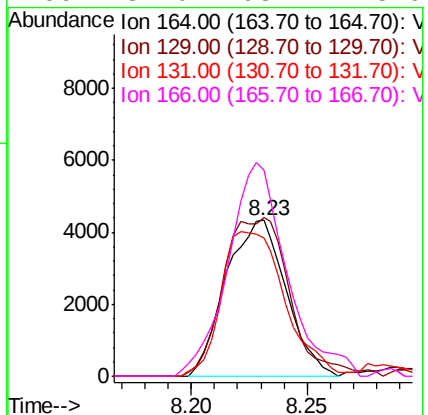
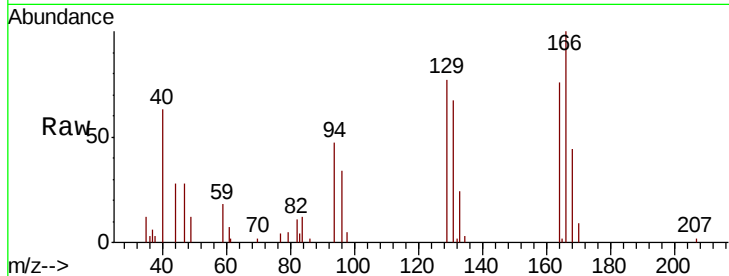




#46
Tetrachloroethene
Concen: 1.998 ug/L
RT: 8.23 min Scan# 2221
Delta R.T. 0.01 min
Lab File: VU031593.D
Acq: 29 Apr 2019 17:51

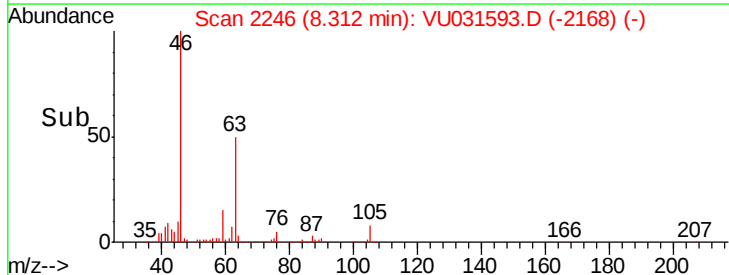
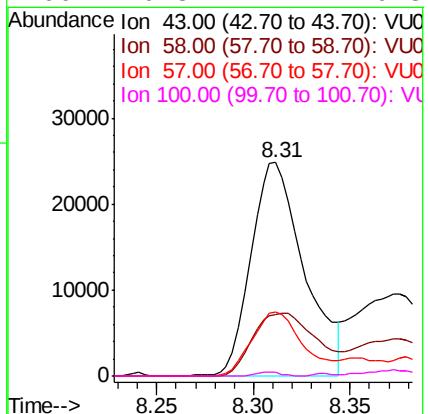
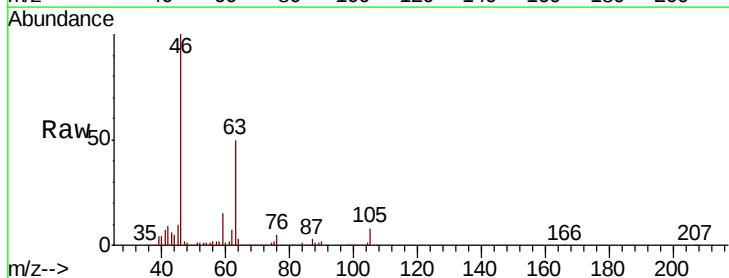
Instrument :
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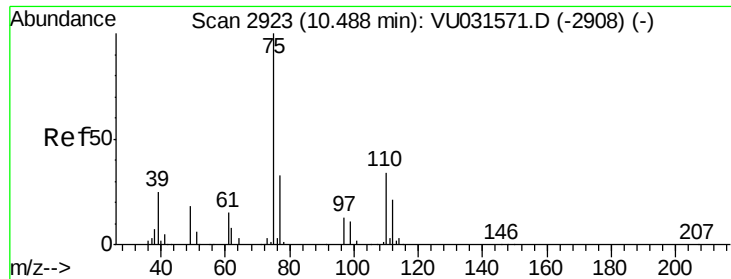
Tgt Ion:164 Resp: 7798
Ion Ratio Lower Upper
164 100
129 101.3 71.5 132.9
131 88.5 69.0 128.2
166 132.0 93.7 173.9



#48
2-Hexanone
Concen: 5.709 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU031593.D
Acq: 29 Apr 2019 17:51

Tgt Ion: 43 Resp: 47635
Ion Ratio Lower Upper
43 100
58 34.8 42.1 63.1#
57 28.6 14.6 22.0#
100 0.8 7.2 10.8#





#59

1,2,3-Trichloropropane

Concen: 4.242 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031593.D

Acq: 29 Apr 2019 17:51

Instrument :

MSVOA_U

ClientSampleId :

C0X77DL

Tgt Ion: 75 Resp: 33730

Ion Ratio Lower Upper

75 100

77 37.5 25.9 38.9

