

Data File : VU031555.D
Acq On : 27 Apr 2019 01:03
Operator : JC/SP
Sample : K2592-08 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
COWZ9

Quant Time: Apr 27 03:31:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 03:26:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	843455	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	785485	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	312453	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	380547	53.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.82%
7) Chloroethane-d5	1.68	69	291241	53.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.78%
11) 1,1-Dichloroethene-d2	2.27	63	545576	38.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.62%
21) 2-Butanone-d5	4.18	46	706057	110.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.39%
24) Chloroform-d	4.64	84	624877	48.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.66%
26) 1,2-Dichloroethane-d4	5.31	65	412154	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
32) Benzene-d6	5.34	84	1295113	53.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.38%
36) 1,2-Dichloropropane-d6	6.33	67	444747	52.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.82%
41) Toluene-d8	7.56	98	1095098	52.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.26%
43) trans-1,3-Dichloropropene-	7.85	79	177979	48.86	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.72%
47) 2-Hexanone-d5	8.31	63	439472	119.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	571442	50.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.36%
64) 1,2-Dichlorobenzene-d4	11.85	152	342904	52.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.36%

Target Compounds

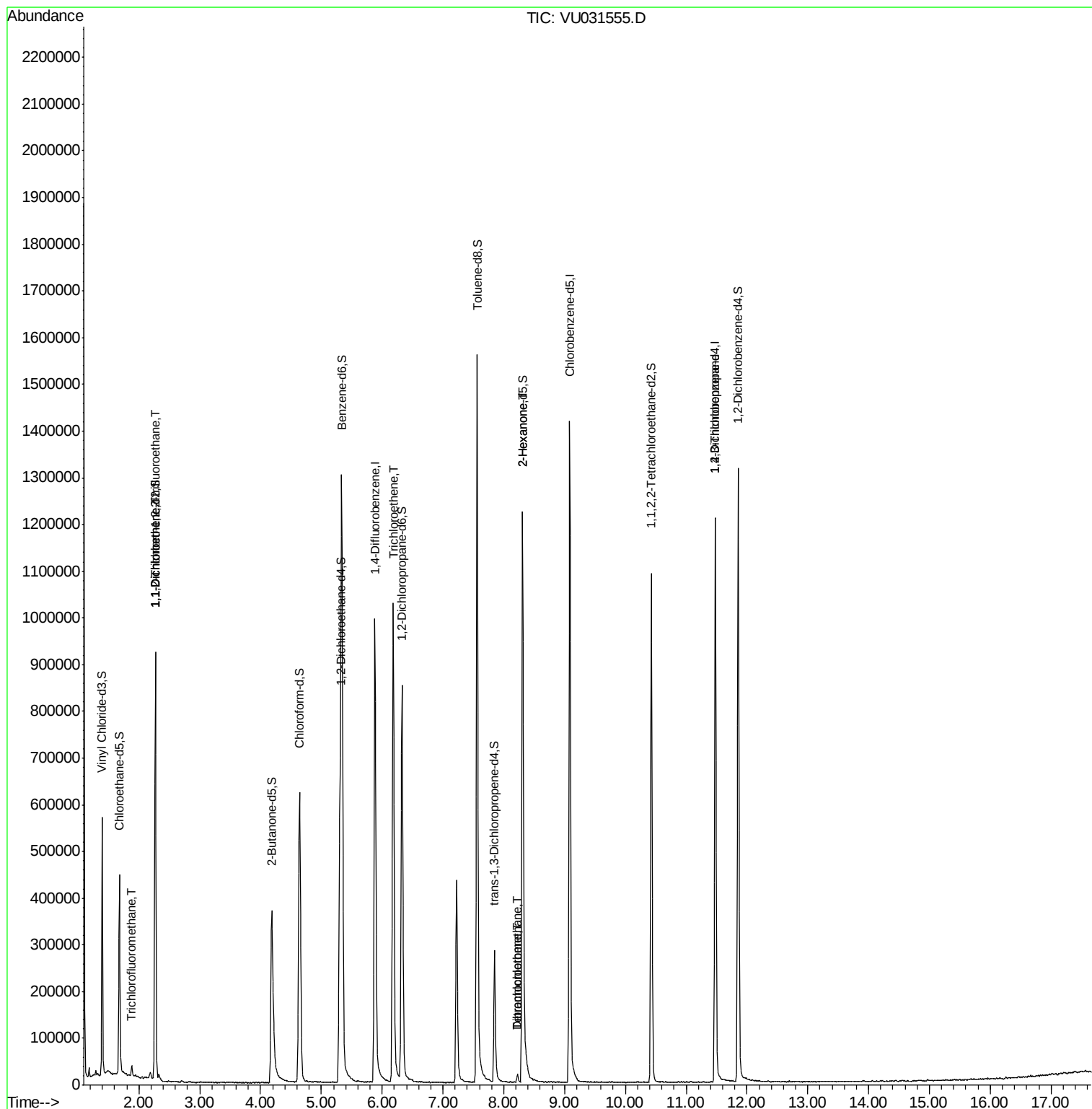
						Qvalue
9) Trichlorofluoromethane	1.88	101	6372	0.533	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5234	0.774	ug/L #	22
12) 1,1-Dichloroethene	2.27	96	4408	0.670	ug/L #	1
34) Trichloroethene	6.18	95	385685	55.095	ug/L	99
46) Tetrachloroethene	8.23	164	3772	0.790	ug/L	91
48) 2-Hexanone	8.31	43	51579	5.056	ug/L #	77
49) Dibromochloromethane	8.22	129	4177	0.594	ug/L #	11
59) 1,2,3-Trichloropropane	11.48	75	40091	4.124	ug/L	94

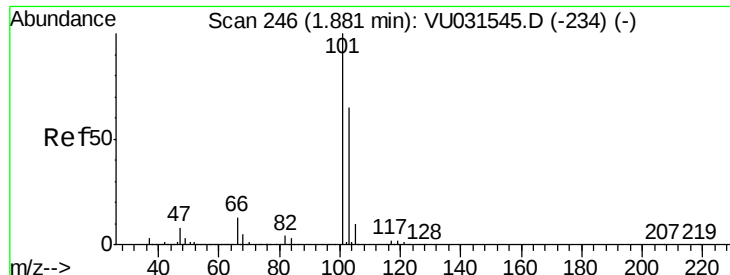
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 0.533 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU031555.D

Acq: 27 Apr 2019 01:03

Instrument :

MSVOA_U

ClientSampled :

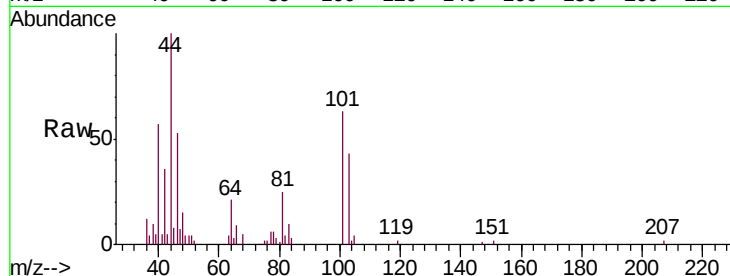
C0WZ9

Tgt Ion:101 Resp: 6372

Ion Ratio Lower Upper

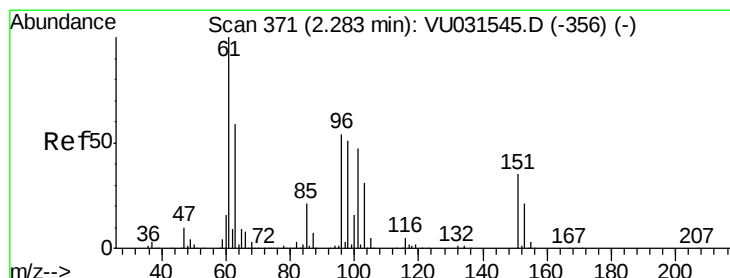
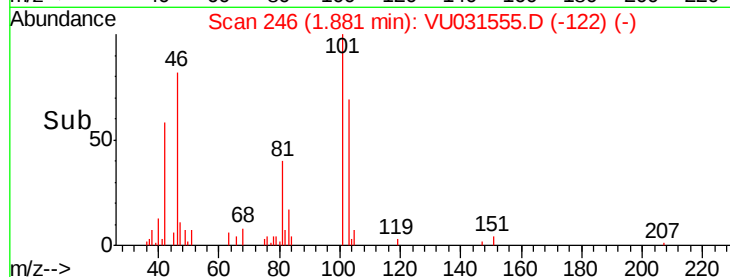
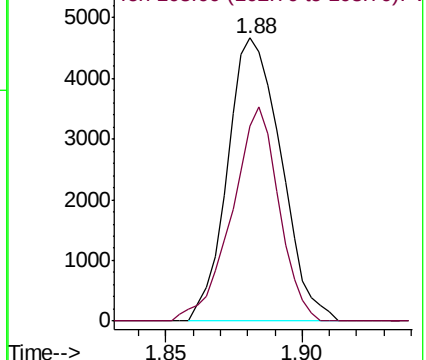
101 100

103 66.2 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.774 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031555.D

Acq: 27 Apr 2019 01:03

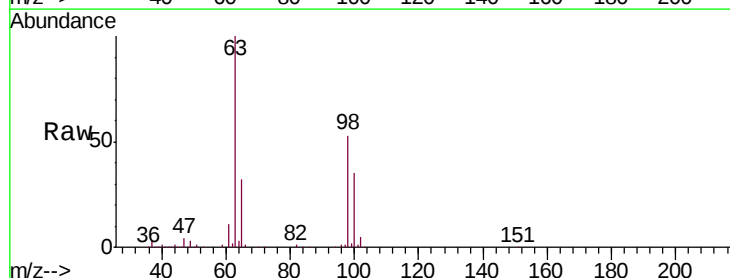
Tgt Ion:101 Resp: 5234

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

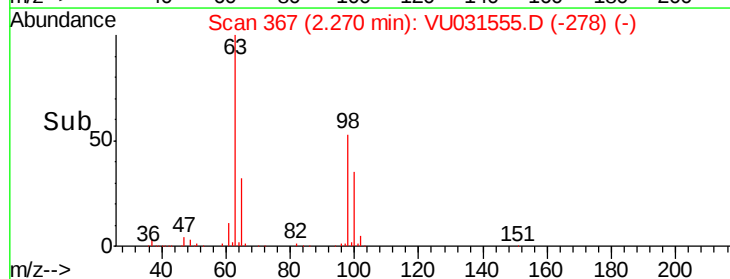
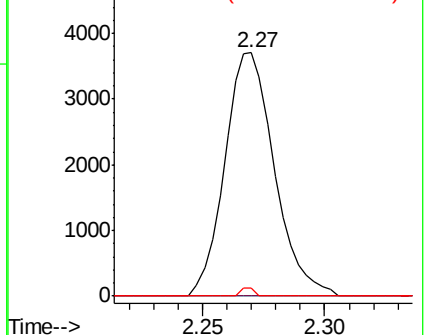
151 0.9 56.1 84.1#

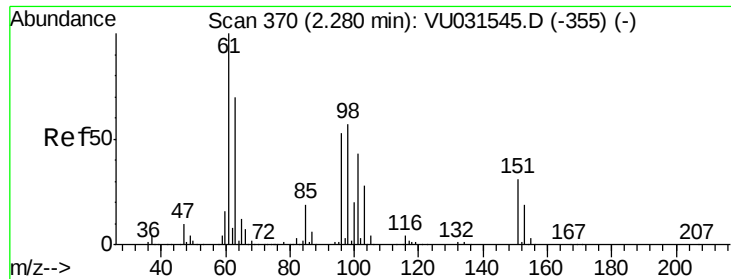


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

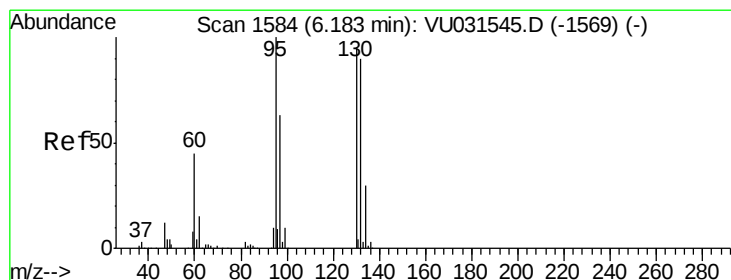
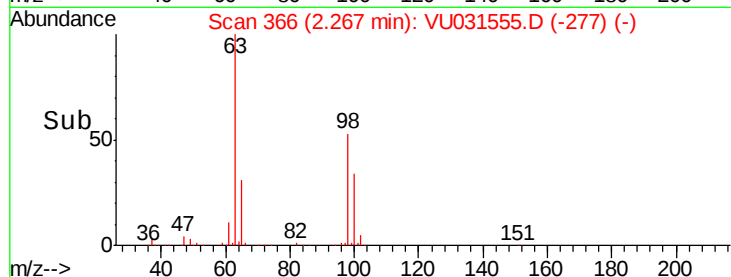
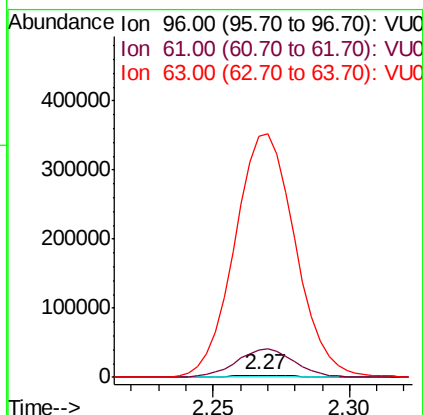
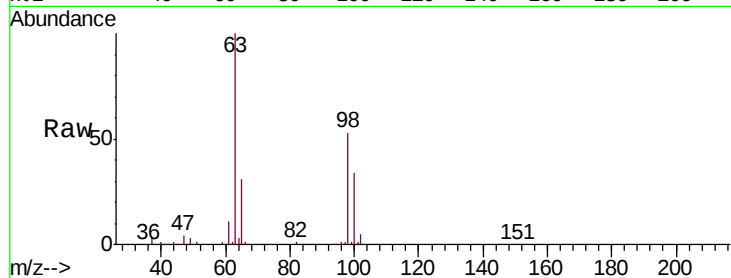




#12
 1,1-Dichloroethene
 Concen: 0.670 ug/L
 RT: 2.27 min Scan# 366
 Delta R.T. -0.01 min
 Lab File: VU031555.D
 Acq: 27 Apr 2019 01:03

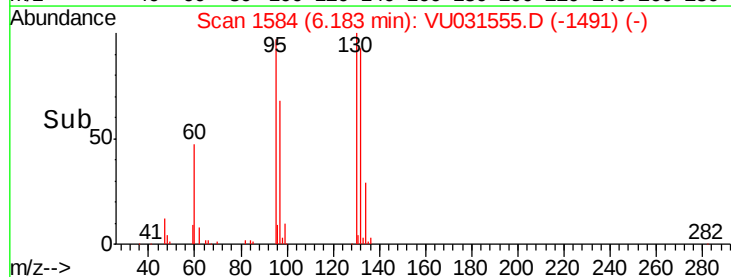
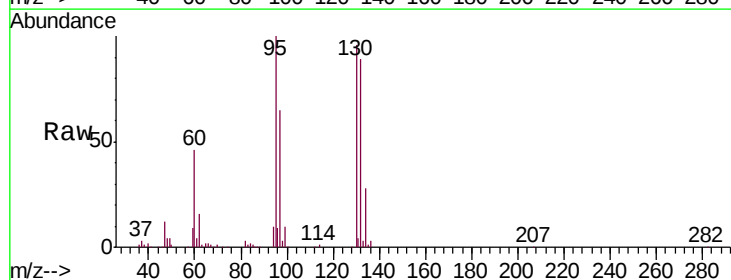
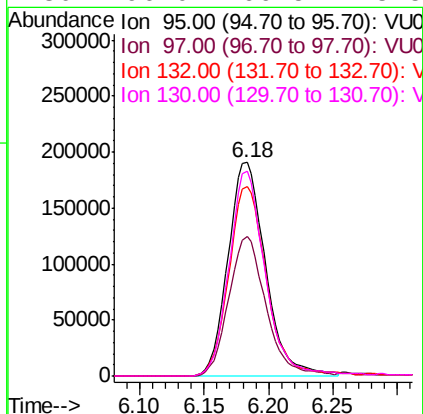
Instrument :
 MSVOA_U
 ClientSampleId :
 COWZ9

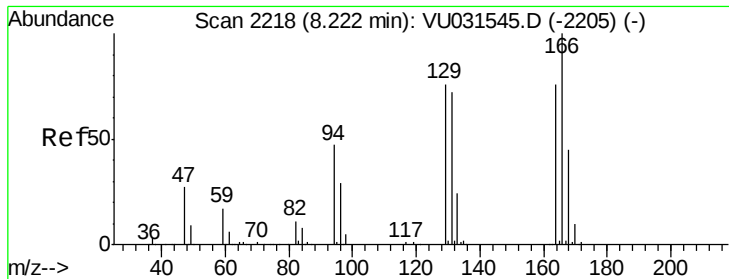
Tgt Ion: 96 Resp: 4408
 Ion Ratio Lower Upper
 96 100
 61 1398.7 135.0 250.6#
 63 12438.6 103.5 192.3#



#34
 Trichloroethene
 Concen: 55.095 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
 Lab File: VU031555.D
 Acq: 27 Apr 2019 01:03

Tgt Ion: 95 Resp: 385685
 Ion Ratio Lower Upper
 95 100
 97 65.2 44.8 83.2
 132 89.0 63.1 117.1
 130 96.0 66.5 123.5

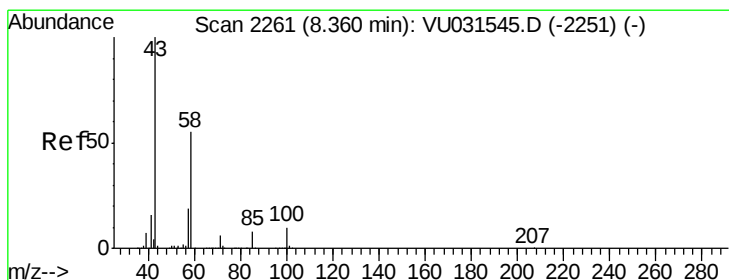
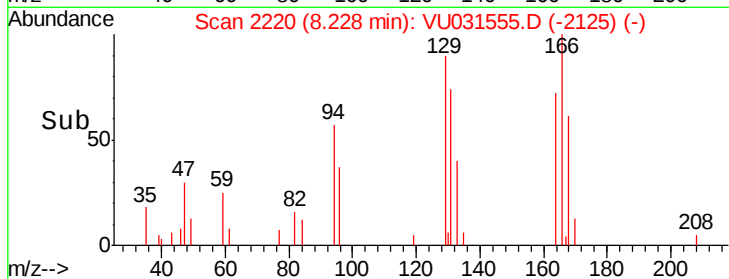
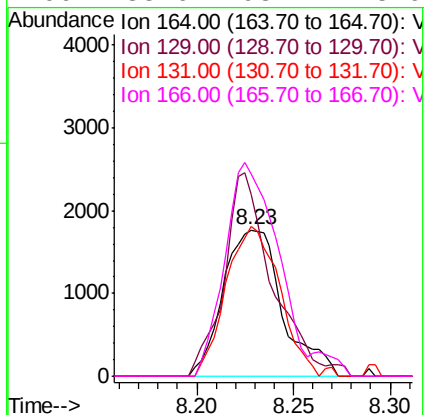
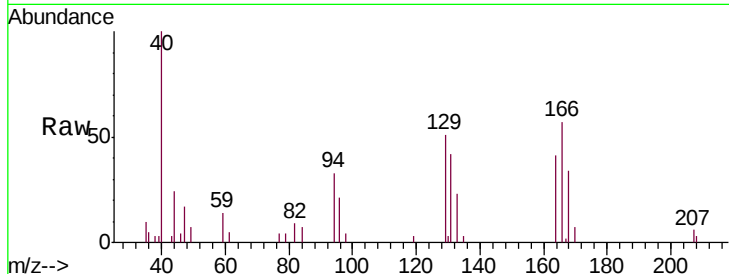




#46
Tetrachloroethene
Concen: 0.790 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031555.D
Acq: 27 Apr 2019 01:03

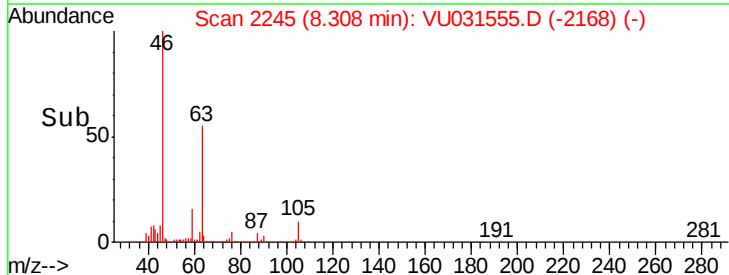
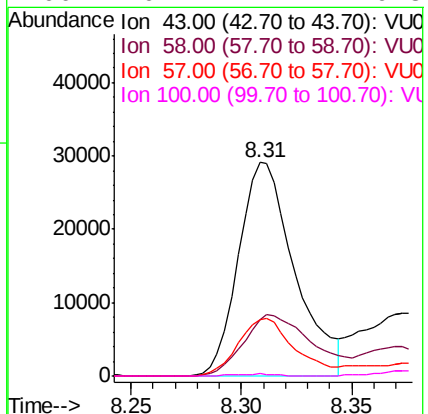
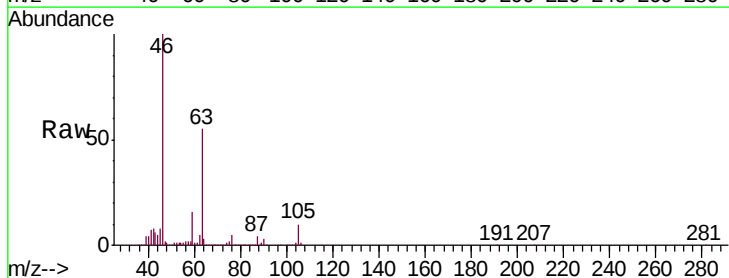
Instrument :
MSVOA_U
ClientSampleId :
COWZ9

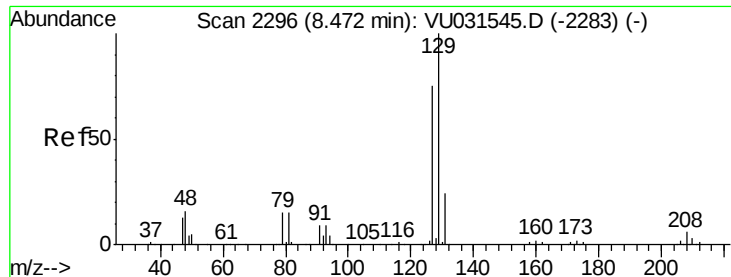
Tgt Ion: 164 Resp: 3772
Ion Ratio Lower Upper
164 100
129 124.4 71.5 132.9
131 102.3 69.0 128.2
166 138.6 93.7 173.9



#48
2-Hexanone
Concen: 5.056 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU031555.D
Acq: 27 Apr 2019 01:03

Tgt Ion: 43 Resp: 51579
Ion Ratio Lower Upper
43 100
58 35.5 42.1 63.1#
57 26.6 14.6 22.0#
100 0.7 7.2 10.8#

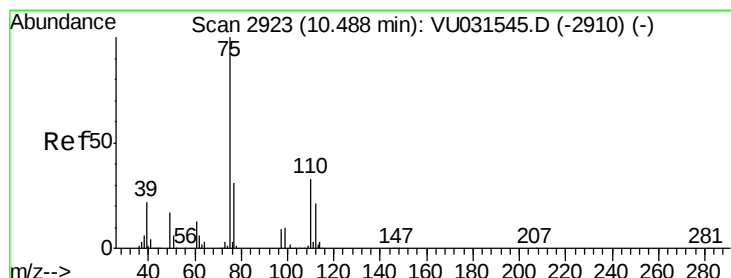
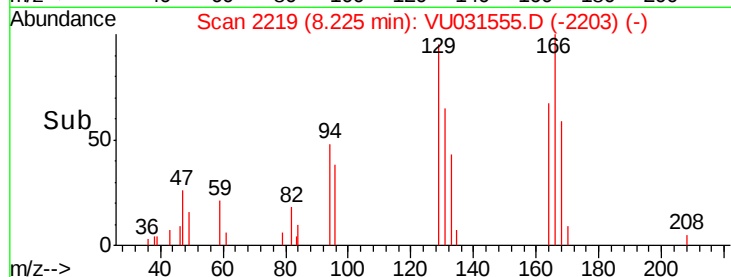
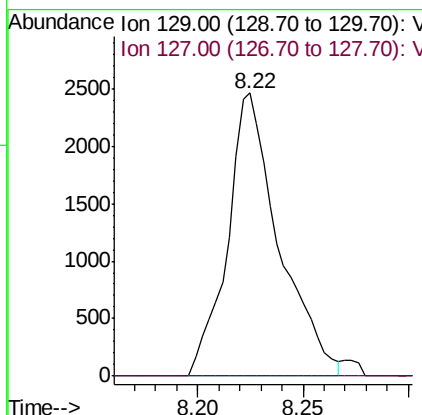
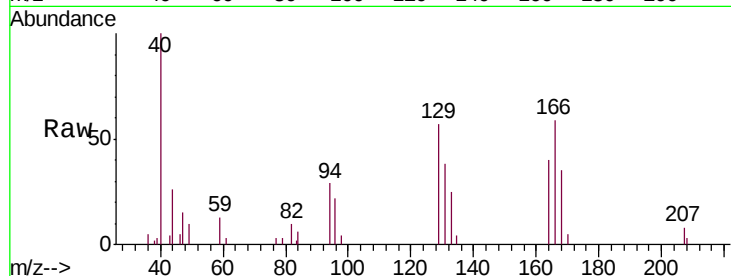




#49
 Dibromochloromethane
 Concen: 0.594 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. -0.25 min
 Lab File: VU031555.D
 Acq: 27 Apr 2019 01:03

Instrument :
 MSVOA_U
 ClientSampleId :
 COWZ9

Tgt Ion:129 Resp: 4177
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.0 100.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.124 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031555.D
 Acq: 27 Apr 2019 01:03

Tgt Ion: 75 Resp: 40091
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.9 38.9

