

Data File : VU031535.D
Acq On : 26 Apr 2019 16:06
Operator : JC/SP
Sample : K2586-18 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0X62

Quant Time: Apr 27 00:24:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:11:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	887751	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	836706	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	373975	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	378983	51.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.02%
7) Chloroethane-d5	1.68	69	299925	52.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.48%
11) 1,1-Dichloroethene-d2	2.37	63	235	0.02	ug/L	0.10
Spiked Amount	50.000	Range	60 - 125	Recovery	=	0.04%#
21) 2-Butanone-d5	4.18	46	676079	100.43	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.43%
24) Chloroform-d	4.64	84	620577	45.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.22%
26) 1,2-Dichloroethane-d4	5.31	65	411613	46.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.60%
32) Benzene-d6	5.34	84	1301830	50.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.34%
36) 1,2-Dichloropropane-d6	6.32	67	444146	49.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.26%
41) Toluene-d8	7.56	98	1155791	51.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.30%
43) trans-1,3-Dichloropropene-	7.85	79	196247	50.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.16%
47) 2-Hexanone-d5	8.31	63	466167	119.15	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.15%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	578428	47.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.36%
64) 1,2-Dichlorobenzene-d4	11.86	152	396405	50.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

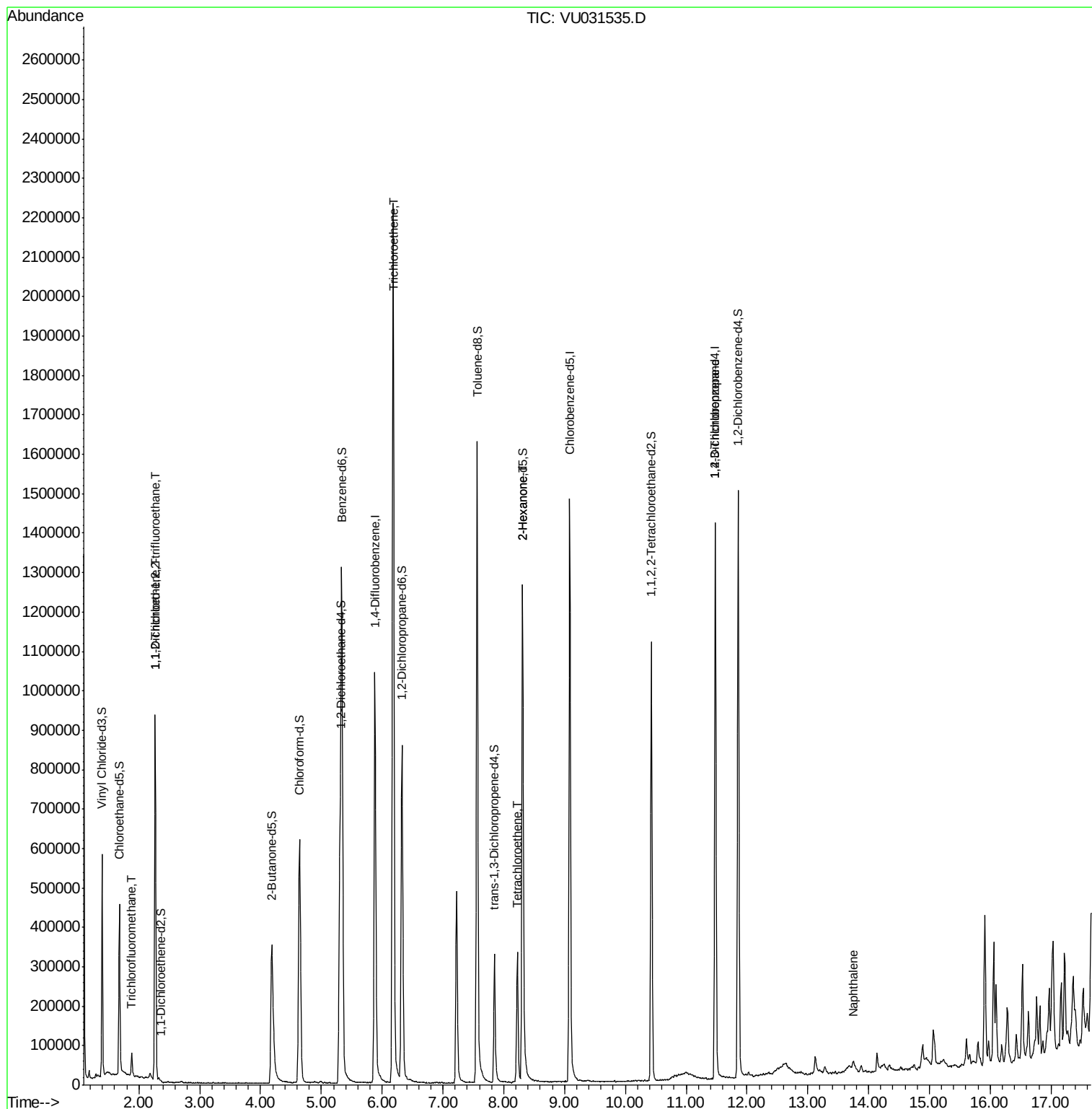
						Qvalue
9) Trichlorofluoromethane	1.88	101	27145	2.156	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	5053	0.710	ug/L #	24
12) 1,1-Dichloroethene	2.27	96	4112	0.594	ug/L #	1
34) Trichloroethene	6.18	95	823481	110.432	ug/L	99
46) Tetrachloroethene	8.22	164	77443	15.234	ug/L	97
48) 2-Hexanone	8.31	43	53721	4.943	ug/L #	76
59) 1,2,3-Trichloropropane	11.48	75	44602	4.308	ug/L	90
69) Naphthalene	13.75	128	26291	1.051	ug/L #	75

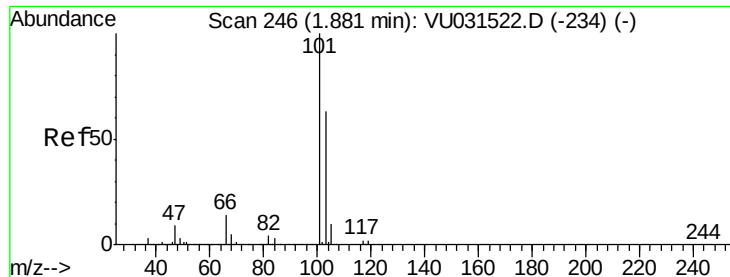
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 2.156 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

Lab File: VU031535.D

Acq: 26 Apr 2019 16:06

Instrument :

MSVOA_U

ClientSampleId :

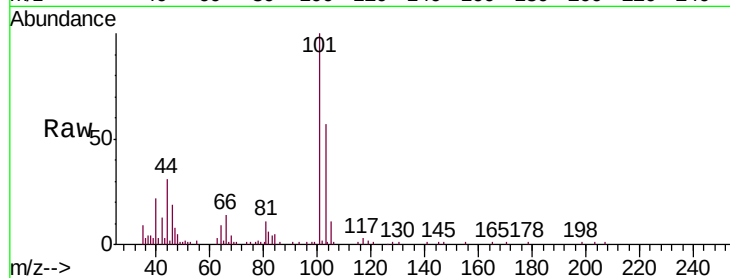
C0X62

Tgt Ion:101 Resp: 27145

Ion Ratio Lower Upper

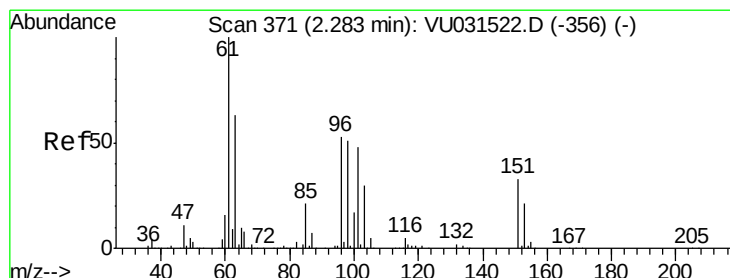
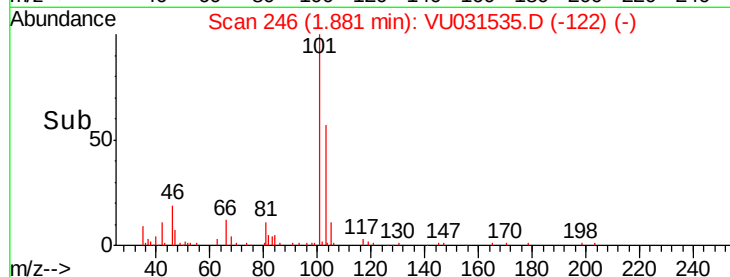
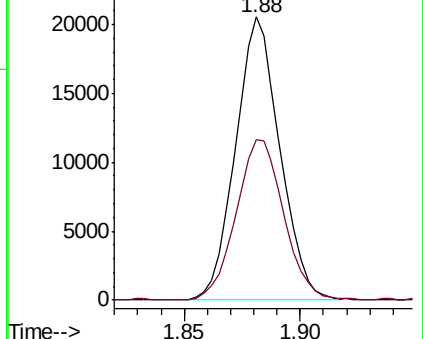
101 100

103 61.2 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: 0.710 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU031535.D

Acq: 26 Apr 2019 16:06

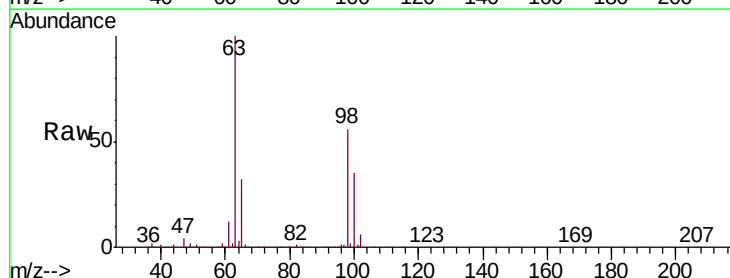
Tgt Ion:101 Resp: 5053

Ion Ratio Lower Upper

101 100

85 2.2 36.1 54.1#

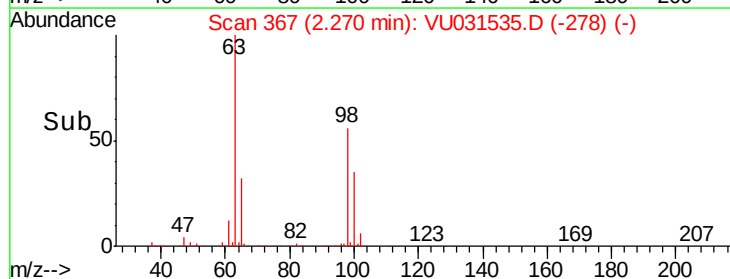
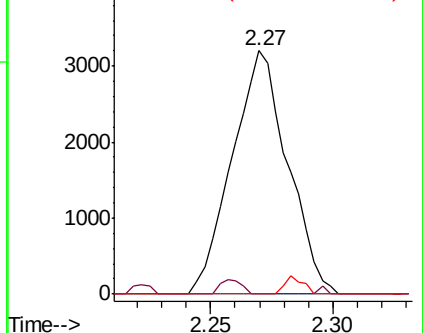
151 2.4 56.1 84.1#

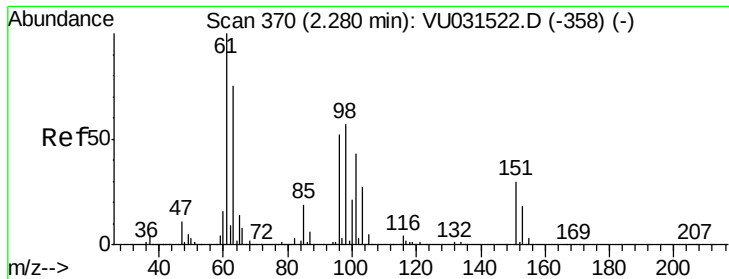


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V

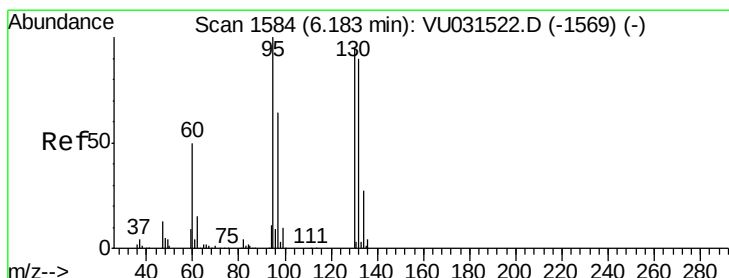
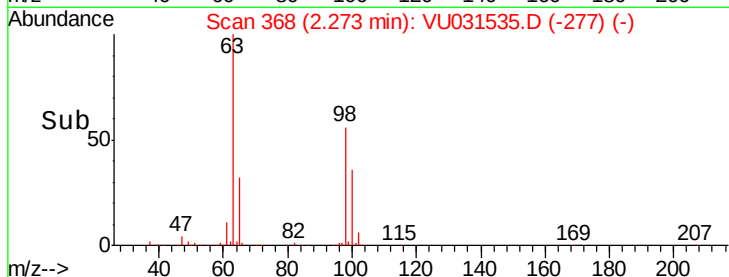
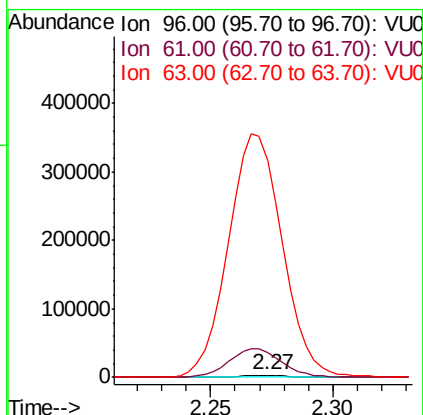
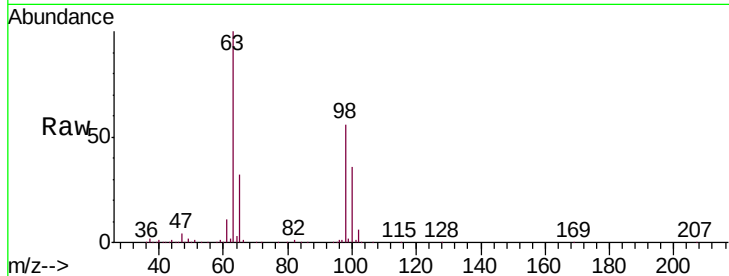




#12
 1,1-Dichloroethene
 Concen: 0.594 ug/L
 RT: 2.27 min Scan# 368
 Delta R.T. -0.01 min
 Lab File: VU031535.D
 Acq: 26 Apr 2019 16:06

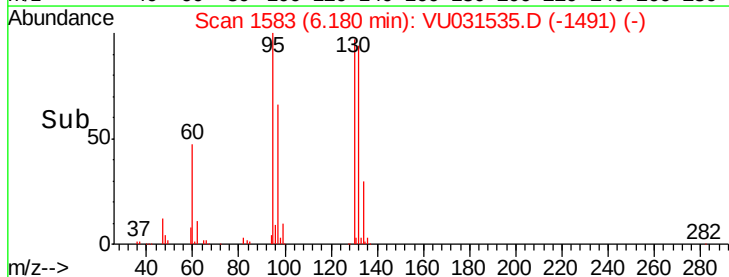
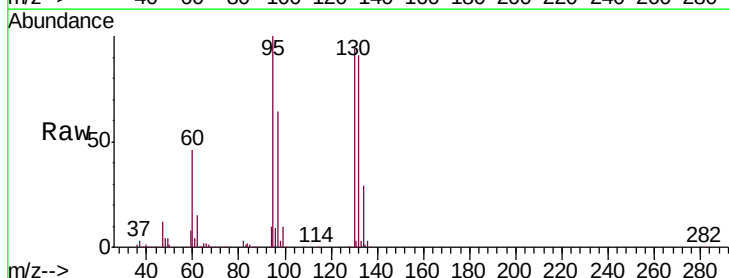
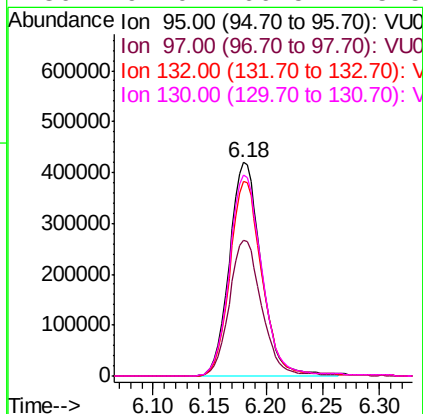
Instrument :
 MSVOA_U
 ClientSampleId :
 C0X62

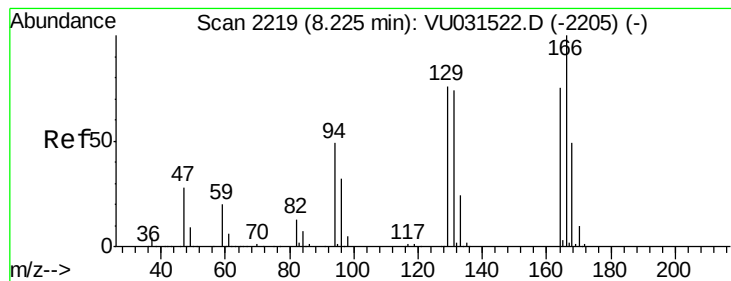
Tgt Ion: 96 Resp: 4112
 Ion Ratio Lower Upper
 96 100
 61 1291.4 135.0 250.6#
 63 11276.5 103.5 192.3#



#34
 Trichloroethene
 Concen: 110.432 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. -0.00 min
 Lab File: VU031535.D
 Acq: 26 Apr 2019 16:06

Tgt Ion: 95 Resp: 823481
 Ion Ratio Lower Upper
 95 100
 97 63.7 44.8 83.2
 132 91.4 63.1 117.1
 130 94.0 66.5 123.5





#46

Tetrachloroethene

Concen: 15.234 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031535.D

Acq: 26 Apr 2019 16:06

Instrument :

MSVOA_U

ClientSampled :

C0X62

Tgt Ion:164 Resp: 77443

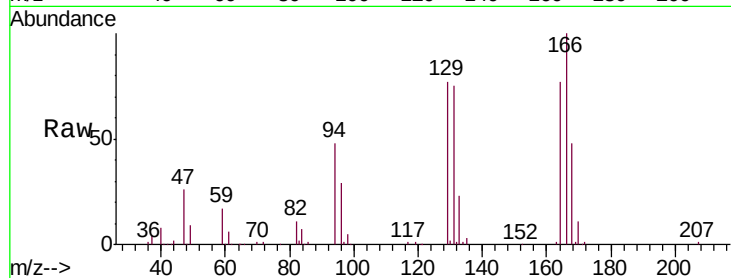
Ion Ratio Lower Upper

164 100

129 99.1 71.5 132.9

131 96.5 69.0 128.2

166 129.1 93.7 173.9

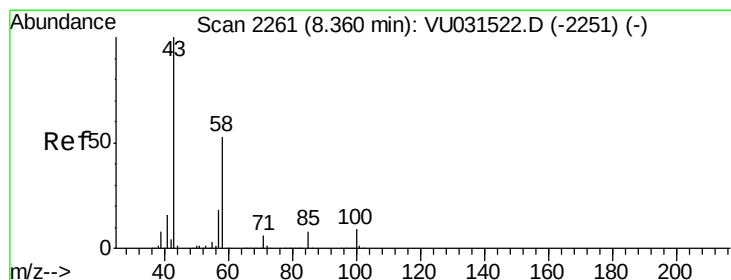
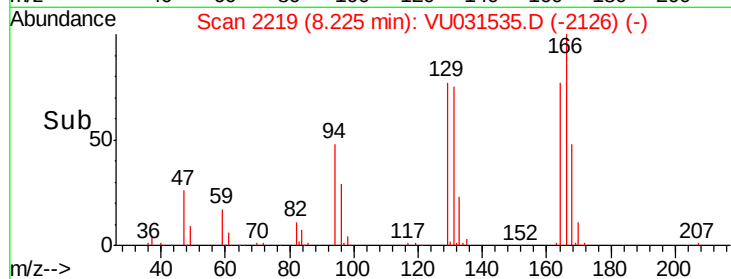
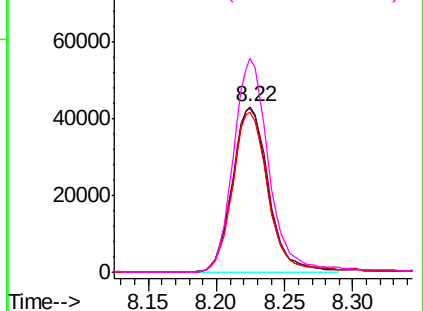


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 4.943 ug/L

RT: 8.31 min Scan# 2245

Delta R.T. -0.05 min

Lab File: VU031535.D

Acq: 26 Apr 2019 16:06

Tgt Ion: 43 Resp: 53721

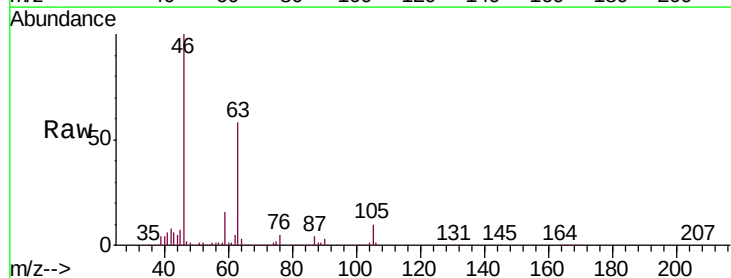
Ion Ratio Lower Upper

43 100

58 32.6 42.1 63.1#

57 24.5 14.6 22.0#

100 0.3 7.2 10.8#

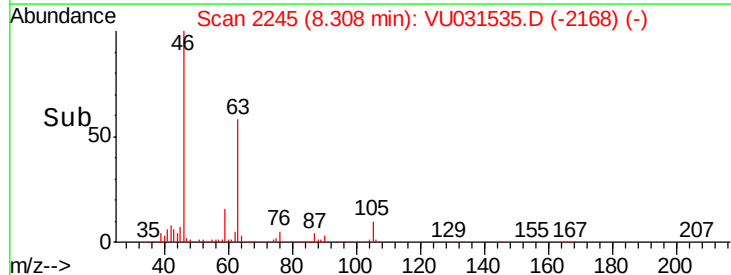
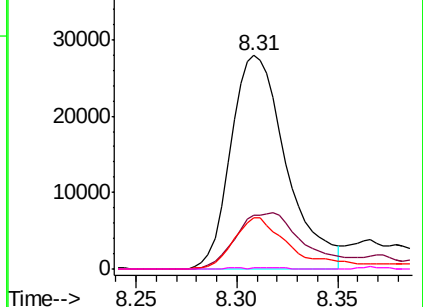


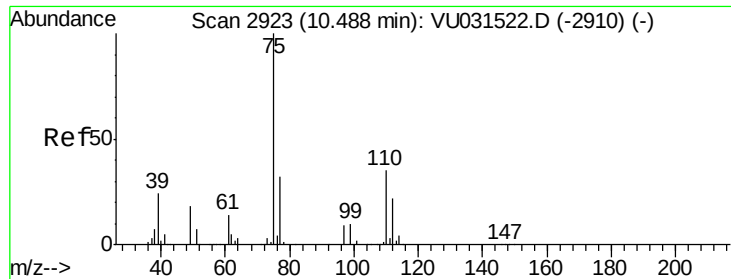
Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0

Ion 57.00 (56.70 to 57.70): VU0

Ion 100.00 (99.70 to 100.70): VU0

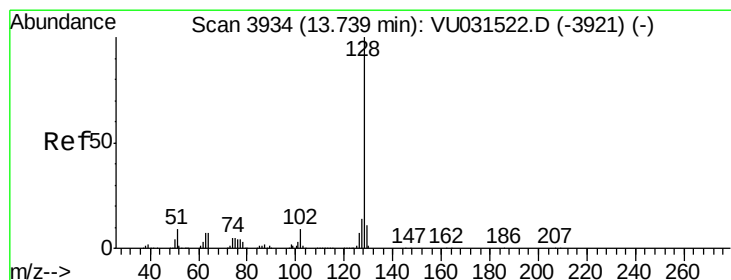
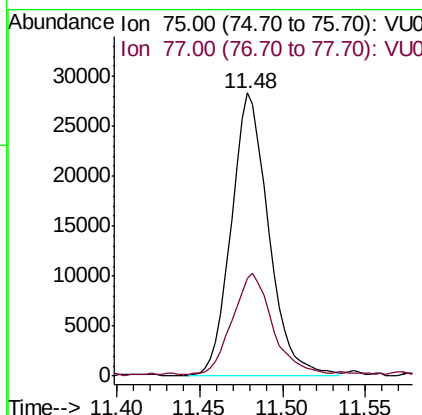
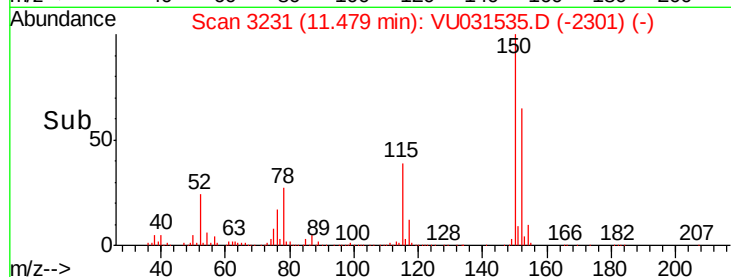
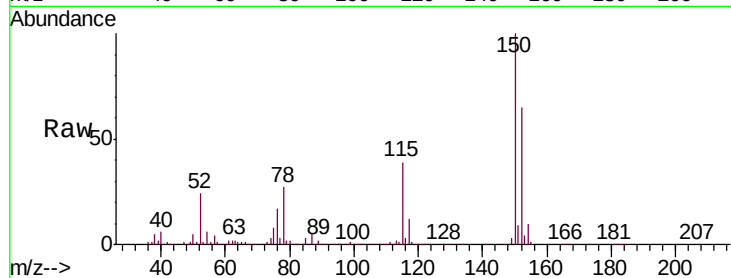




#59
 1,2,3-Trichloropropane
 Concen: 4.308 ug/L
 RT: 11.48 min Scan# 3231
 Delta R.T. 0.99 min
 Lab File: VU031535.D
 Acq: 26 Apr 2019 16:06

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X62

Tgt Ion: 75 Resp: 44602
 Ion Ratio Lower Upper
 75 100
 77 38.2 25.9 38.9



#69
 Naphthalene
 Concen: 1.051 ug/L
 RT: 13.75 min Scan# 3938
 Delta R.T. 0.01 min
 Lab File: VU031535.D
 Acq: 26 Apr 2019 16:06

Tgt Ion: 128 Resp: 26291
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.6 15.8#
 129 4.7 8.7 13.1#

