

Data File : VU032211.D
Acq On : 21 May 2019 20:05
Operator : JC/SP
Sample : K2788-15ME
Misc : 5.71g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A51A6ME

Quant Time: May 22 02:14:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	859421	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	870889	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	409392	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	222599	39.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.42%
7) Chloroethane-d5	1.64	69	105466	21.59	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	43.18%#
11) 1,1-Dichloroethene-d2	2.21	63	331878	31.09	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.18%
21) 2-Butanone-d5	4.21	46	351799	101.71	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.71%
24) Chloroform-d	4.64	84	460160	41.66	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.32%
26) 1,2-Dichloroethane-d4	5.30	65	289760	44.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.88%
32) Benzene-d6	5.32	84	972683	42.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.92%
36) 1,2-Dichloropropane-d6	6.32	67	290718	44.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.96%
41) Toluene-d8	7.56	98	906369	42.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.50%
43) trans-1,3-Dichloropropene-	7.85	79	134371	41.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.32%
47) 2-Hexanone-d5	8.33	63	285731	96.36	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.36%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	481134	45.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	378369	44.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.38%

Target Compounds

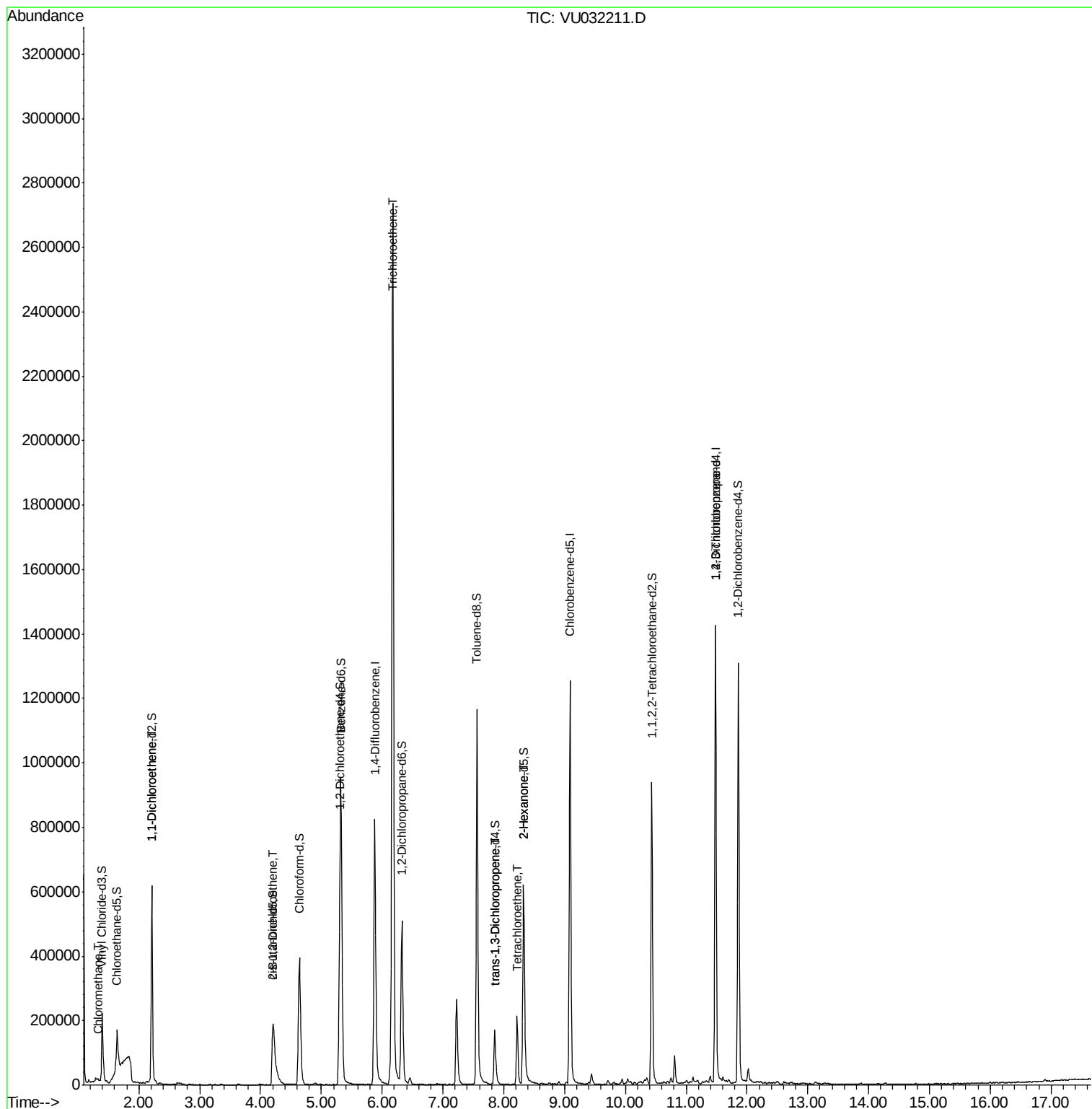
						Qvalue
3) Chloromethane	1.32	50	4179	0.684	ug/L	91
12) 1,1-Dichloroethene	2.22	96	3428	0.595	ug/L #	1
20) cis-1,2-Dichloroethene	4.21	96	30093	4.516	ug/L	94
34) Trichloroethene	6.17	95	1027389	158.008	ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	5133	0.620	ug/L	95
46) Tetrachloroethene	8.22	164	55519	10.340	ug/L	98
48) 2-Hexanone	8.33	43	28697	4.937	ug/L #	60
59) 1,2,3-Trichloropropane	11.48	75	40766	4.964	ug/L	92

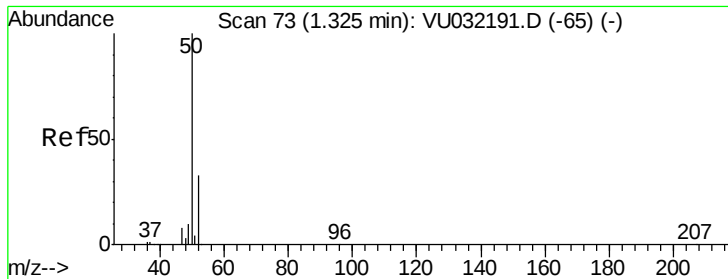
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Wed May 22 02:08:11 2019
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#3

Chloromethane

Concen: 0.684 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU032211.D

Acq: 21 May 2019 20:05

Instrument :

MSVOA_U

ClientSampleId :

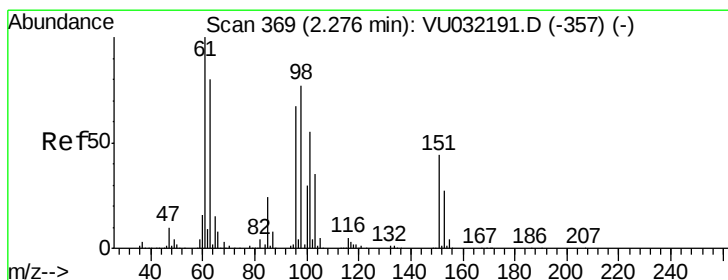
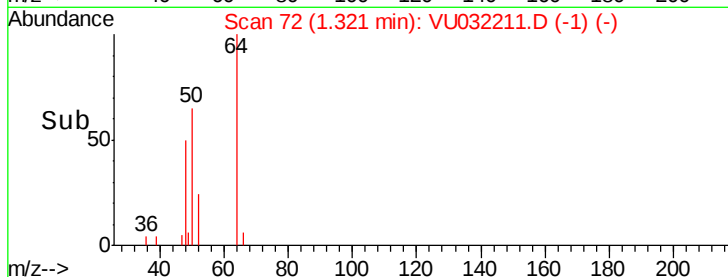
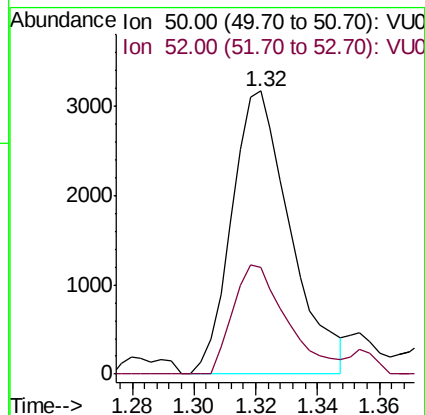
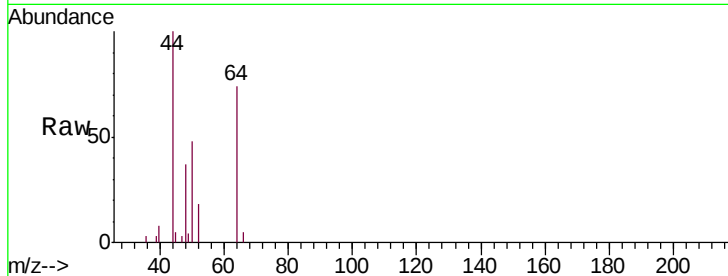
A51A6ME

Tgt Ion: 50 Resp: 4179

Ion Ratio Lower Upper

50 100

52 37.9 23.1 42.9



#12

1,1-Dichloroethene

Concen: 0.595 ug/L

RT: 2.22 min Scan# 350

Delta R.T. -0.06 min

Lab File: VU032211.D

Acq: 21 May 2019 20:05

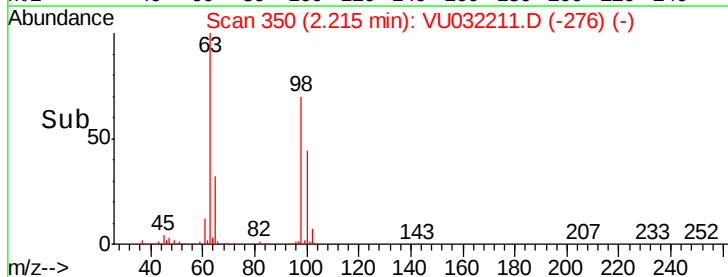
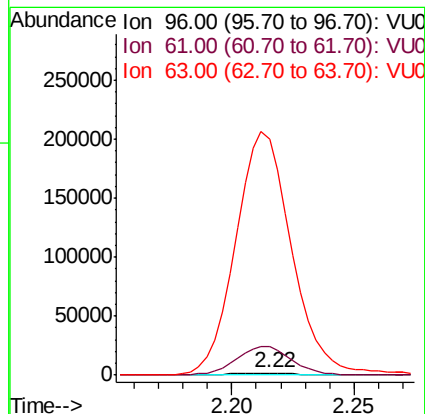
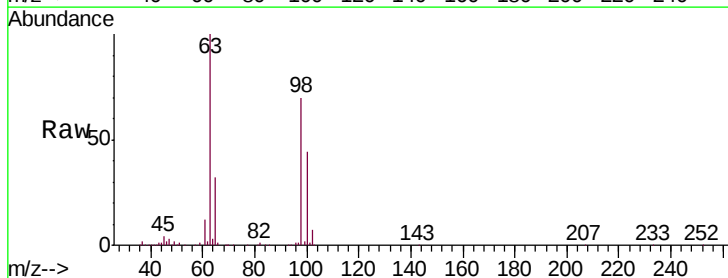
Tgt Ion: 96 Resp: 3428

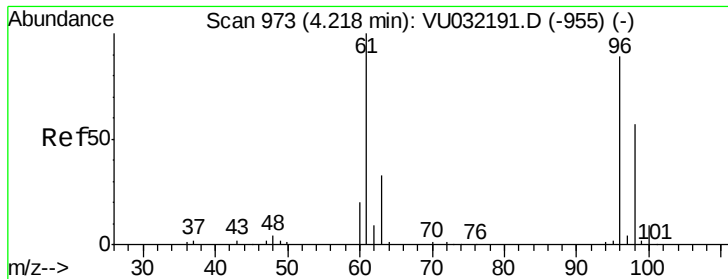
Ion Ratio Lower Upper

96 100

61 1217.8 103.7 192.7#

63 10148.5 83.3 154.7#



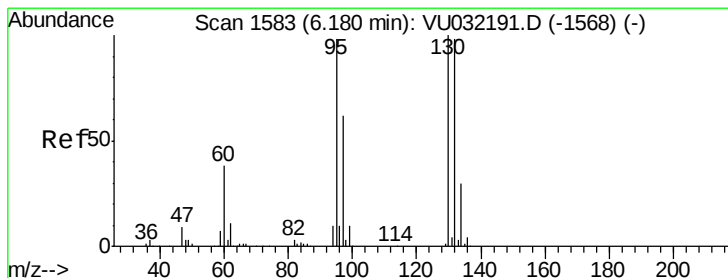
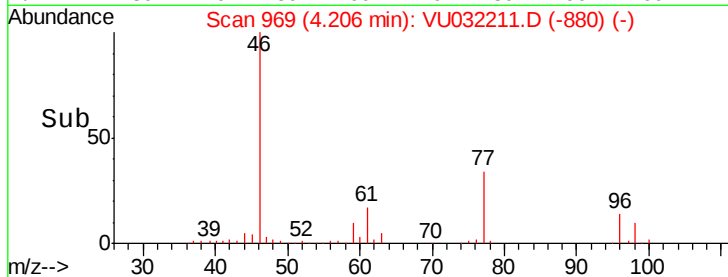
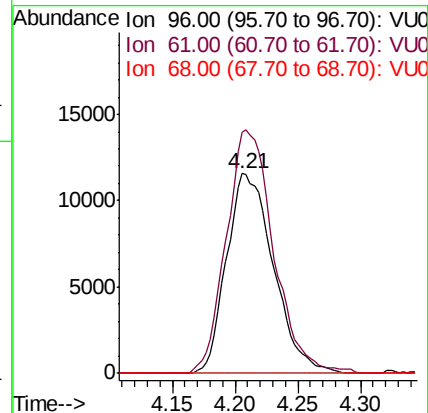
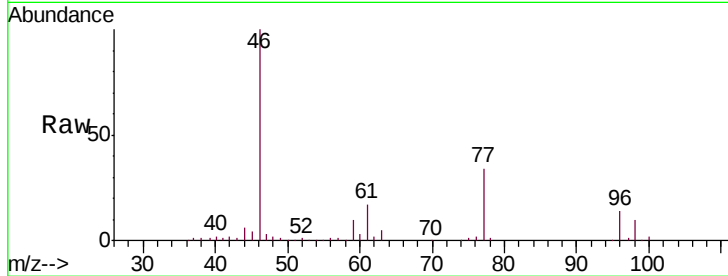


#20

cis-1,2-Dichloroethene
 Concen: 4.516 ug/L
 RT: 4.21 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: VU032211.D
 Acq: 21 May 2019 20:05

Instrument :
 MSVOA_U
 ClientSampleId :
 A51A6ME

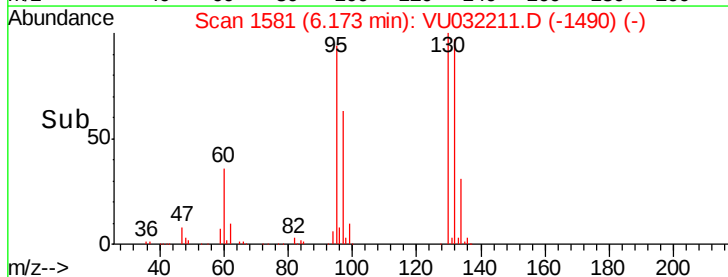
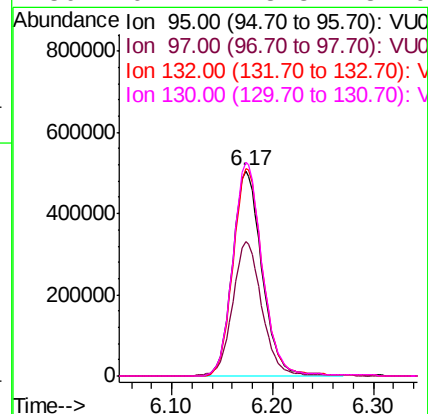
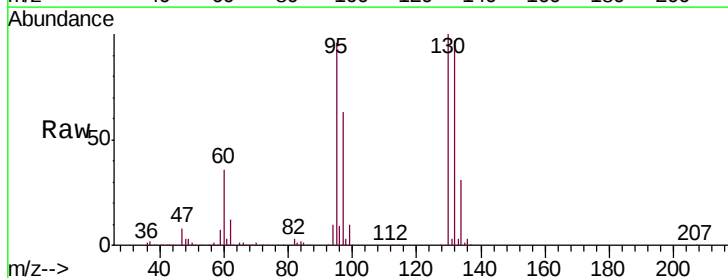
Tgt Ion: 96 Resp: 30093
 Ion Ratio Lower Upper
 96 100
 61 120.5 79.9 148.3
 68 0.0 0.0 0.0

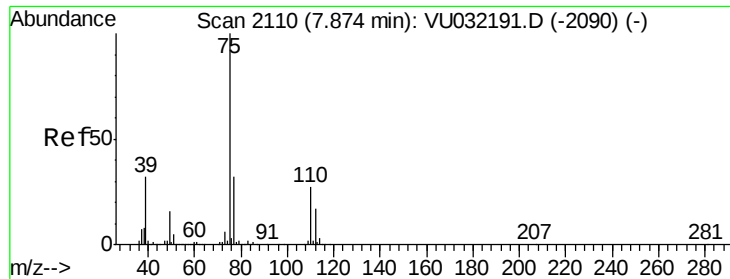


#34

Trichloroethene
 Concen: 158.008 ug/L
 RT: 6.17 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: VU032211.D
 Acq: 21 May 2019 20:05

Tgt Ion: 95 Resp: 1027389
 Ion Ratio Lower Upper
 95 100
 97 65.4 44.5 82.7
 132 100.9 69.4 129.0
 130 104.1 73.8 137.0





#44

trans-1,3-Dichloropropene

Concen: 0.620 ug/L

RT: 7.85 min Scan# 2103

Delta R.T. -0.02 min

Lab File: VU032211.D

Acq: 21 May 2019 20:05

Instrument :

MSVOA_U

ClientSampleId :

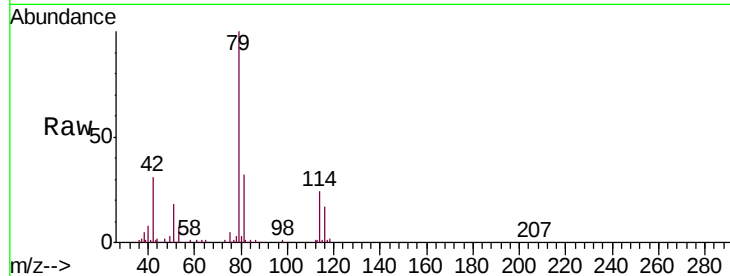
A51A6ME

Tgt Ion: 75 Resp: 5133

Ion Ratio Lower Upper

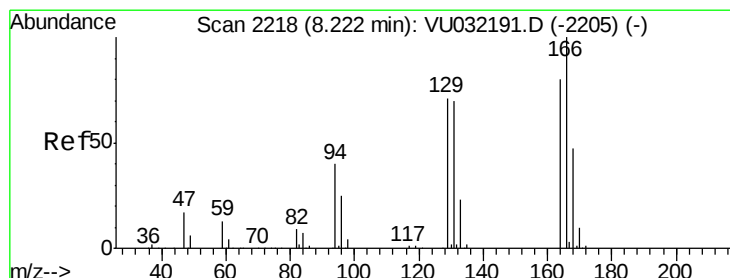
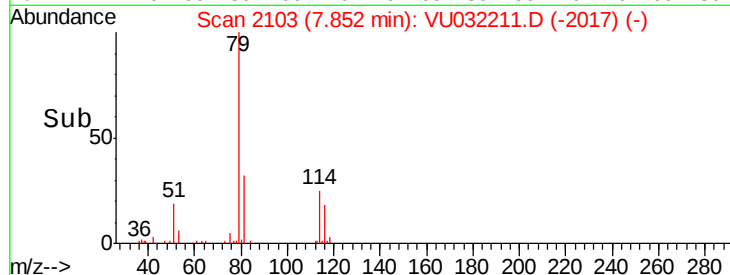
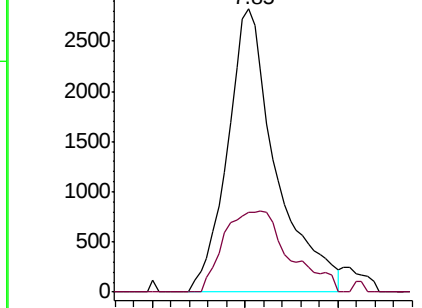
75 100

77 28.2 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU032191.D (-2090) (-)

Ion 77.00 (76.70 to 77.70): VU032191.D (-2090) (-)



#46

Tetrachloroethene

Concen: 10.340 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032211.D

Acq: 21 May 2019 20:05

Tgt Ion: 164 Resp: 55519

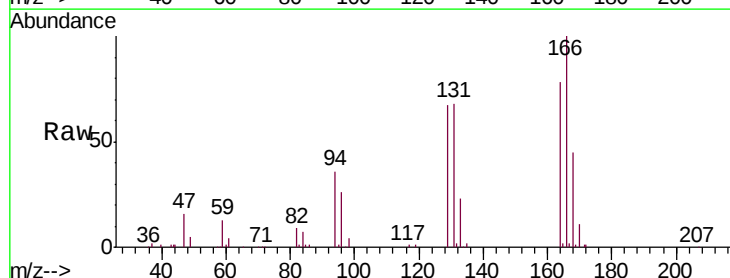
Ion Ratio Lower Upper

164 100

129 85.7 60.8 113.0

131 87.2 59.7 110.9

166 127.6 87.6 162.6

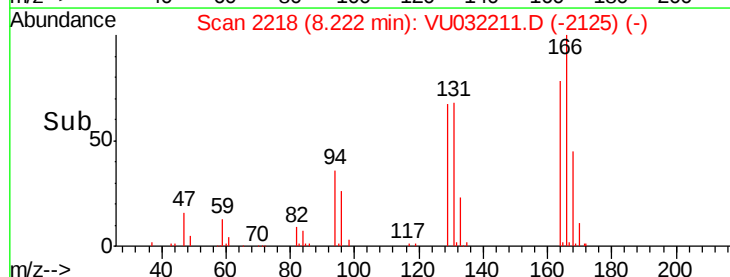
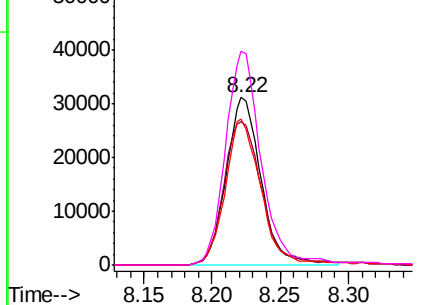


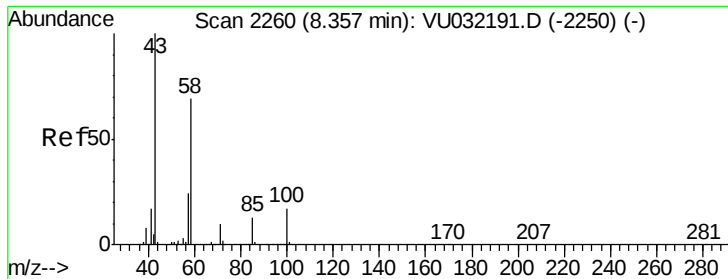
Abundance Ion 164.00 (163.70 to 164.70): VU032191.D (-2205) (-)

Ion 129.00 (128.70 to 129.70): VU032191.D (-2205) (-)

Ion 131.00 (130.70 to 131.70): VU032191.D (-2205) (-)

Ion 166.00 (165.70 to 166.70): VU032191.D (-2205) (-)

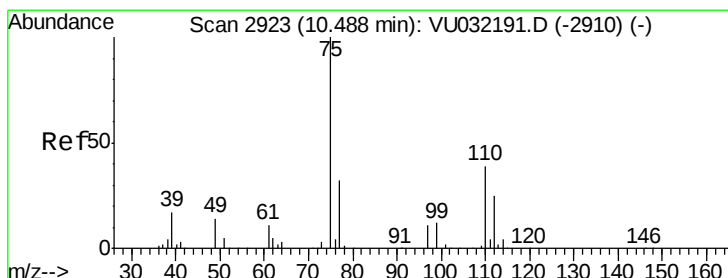
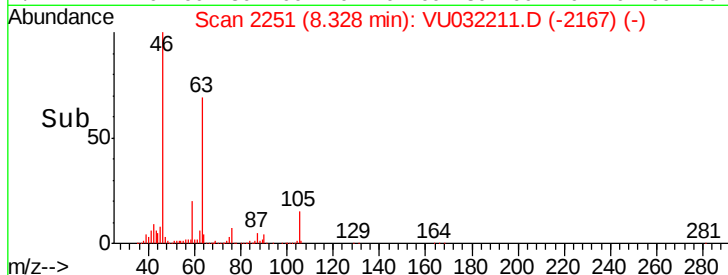
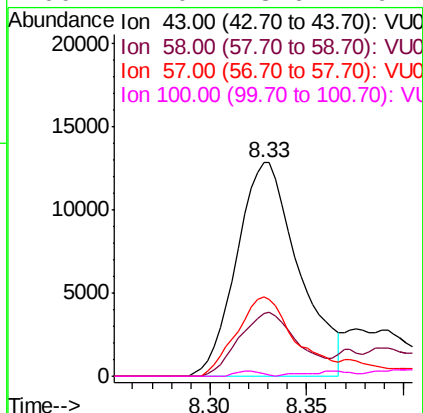
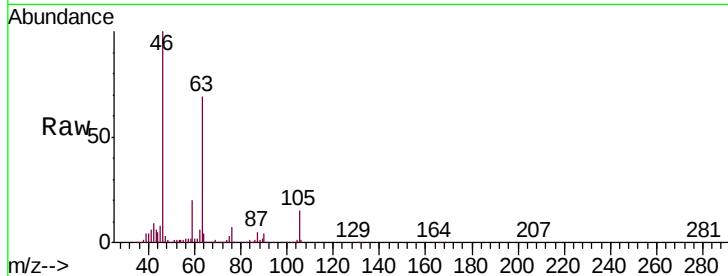




#48
2-Hexanone
Concen: 4.937 ug/L
RT: 8.33 min Scan# 2251
Delta R.T. -0.03 min
Lab File: VU032211.D
Acq: 21 May 2019 20:05

Instrument :
MSVOA_U
ClientSampleId :
A51A6ME

Tgt Ion:	43	Resp:	28697
Ion	Ratio	Lower	Upper
43	100		
58	29.1	54.1	81.1#
57	35.1	19.4	29.0#
100	1.0	13.6	20.4#



#59
1,2,3-Trichloropropane
Concen: 4.964 ug/L
RT: 11.48 min Scan# 3232
Delta R.T. 0.99 min
Lab File: VU032211.D
Acq: 21 May 2019 20:05

Tgt Ion:	75	Resp:	40766
Ion	Ratio	Lower	Upper
75	100		
77	36.9	26.0	39.0

