

Data File : VU032213.D
Acq On : 21 May 2019 20:52
Operator : JC/SP
Sample : K2853-02ME
Misc : 5.28g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
A51A5ME

Quant Time: May 22 02:14:22 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	880168	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	875282	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	418899	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	220565	38.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.84%
7) Chloroethane-d5	1.64	69	104845	20.96	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	41.92%#
11) 1,1-Dichloroethene-d2	2.21	63	328790	30.07	ug/L	-0.05
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.14%
21) 2-Butanone-d5	4.21	46	336434	94.97	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.97%
24) Chloroform-d	4.64	84	452693	40.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.04%
26) 1,2-Dichloroethane-d4	5.30	65	286247	42.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.72%
32) Benzene-d6	5.32	84	960395	42.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.42%
36) 1,2-Dichloropropane-d6	6.32	67	290592	44.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.46%
41) Toluene-d8	7.56	98	899378	41.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.42%
43) trans-1,3-Dichloropropene-	7.85	79	132431	40.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.70%
47) 2-Hexanone-d5	8.33	63	279339	93.73	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.73%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	473301	44.53	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.06%
64) 1,2-Dichlorobenzene-d4	11.86	152	376969	43.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.06%

Target Compounds

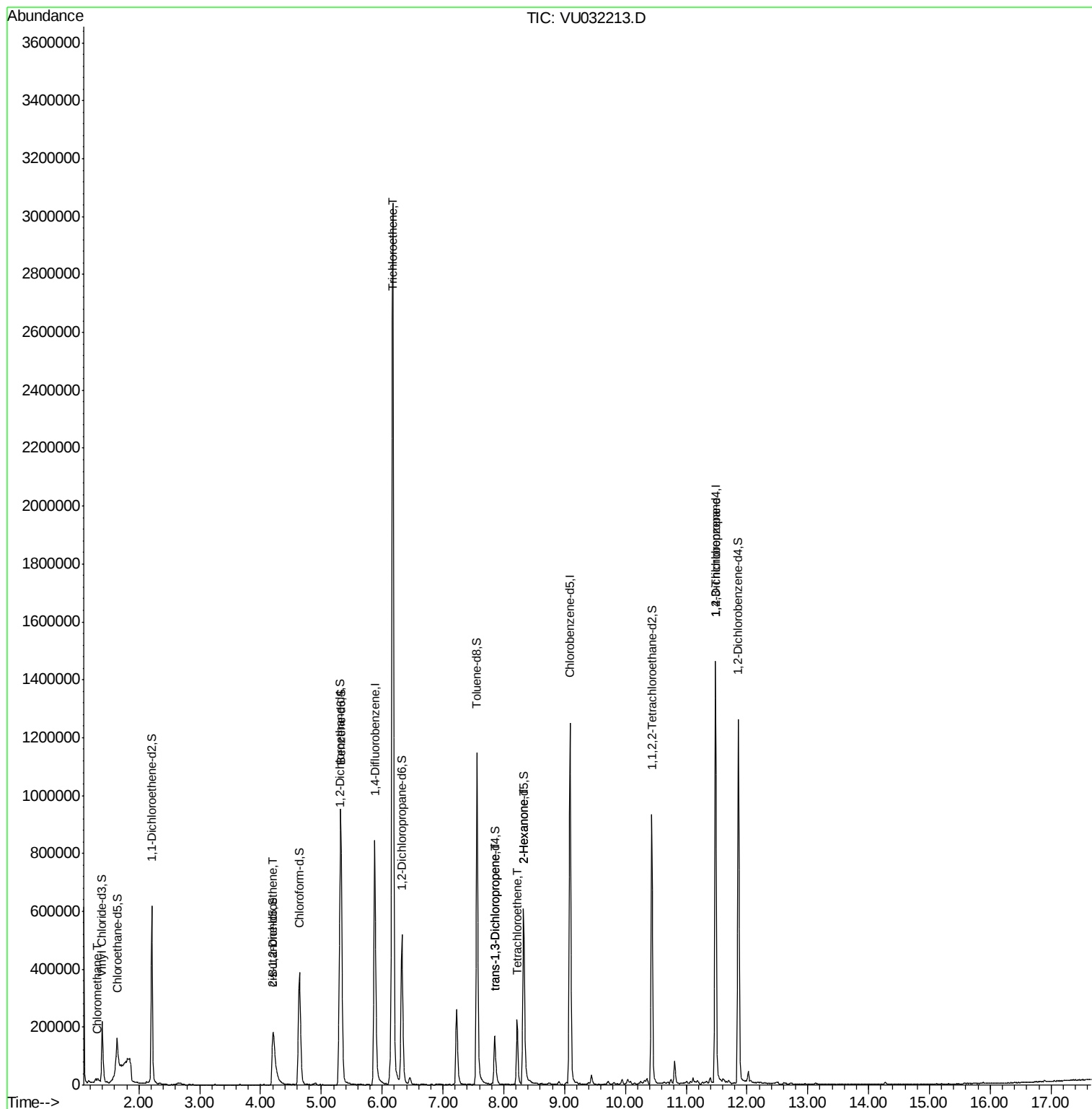
					Qvalue
3) Chloromethane	1.32	50	5318	0.850 ug/L	89
20) cis-1,2-Dichloroethene	4.21	96	30277	4.437 ug/L	94
34) Trichloroethene	6.17	95	1147957	175.665 ug/L	98
44) trans-1,3-Dichloropropene	7.85	75	5567	0.669 ug/L	93
46) Tetrachloroethene	8.22	164	57921	10.733 ug/L	95
48) 2-Hexanone	8.33	43	26965	4.615 ug/L #	58
59) 1,2,3-Trichloropropane	11.48	75	42029	5.093 ug/L #	84

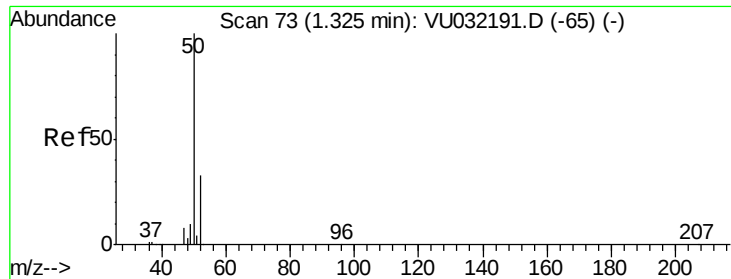
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.850 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

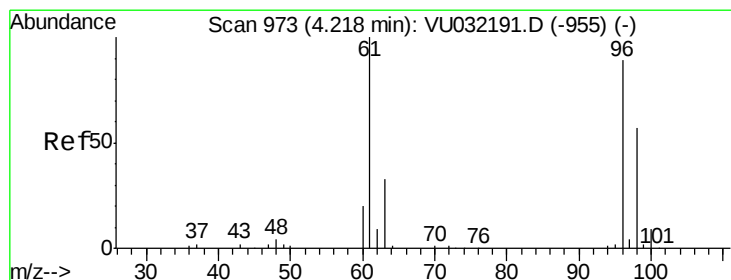
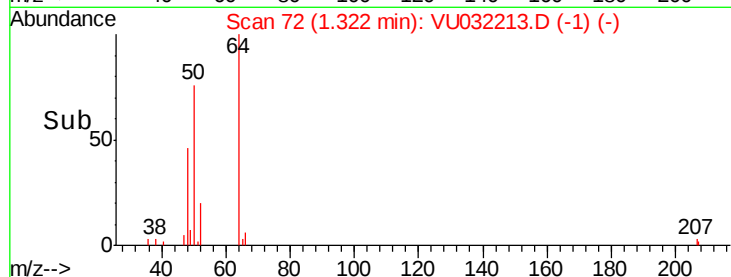
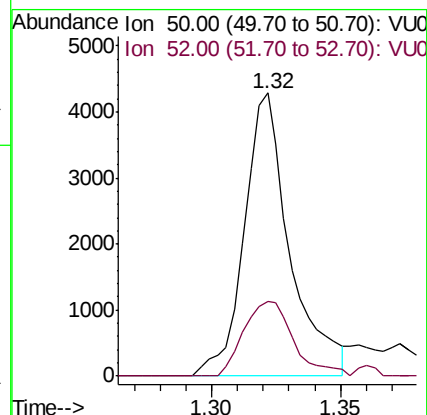
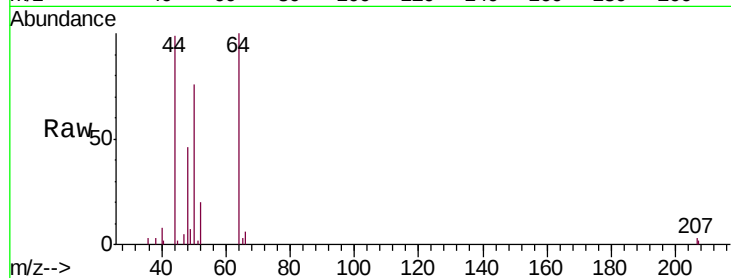
A51A5ME

Tgt Ion: 50 Resp: 5318

Ion Ratio Lower Upper

50 100

52 26.6 23.1 42.9



#20

cis-1,2-Dichloroethene

Concen: 4.437 ug/L

RT: 4.21 min Scan# 970

Delta R.T. -0.01 min

Lab File: VU032213.D

Acq: 21 May 2019 20:52

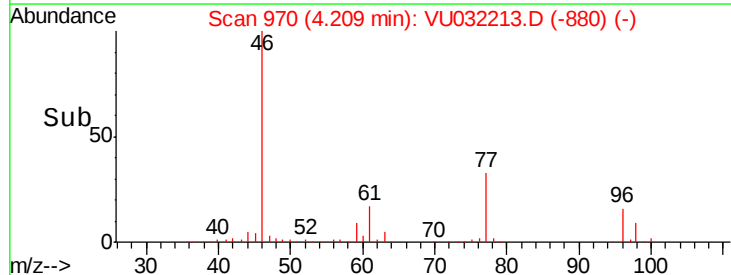
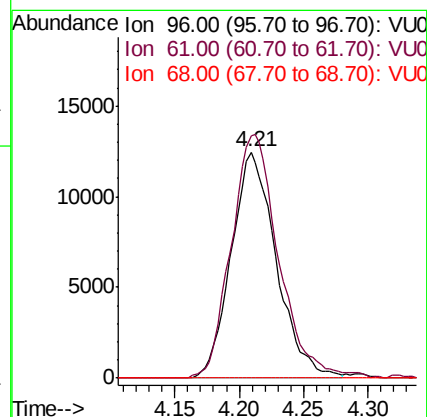
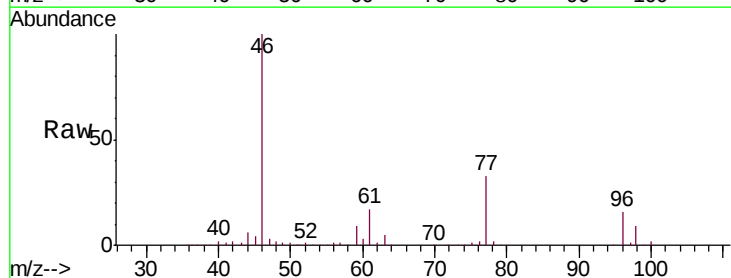
Tgt Ion: 96 Resp: 30277

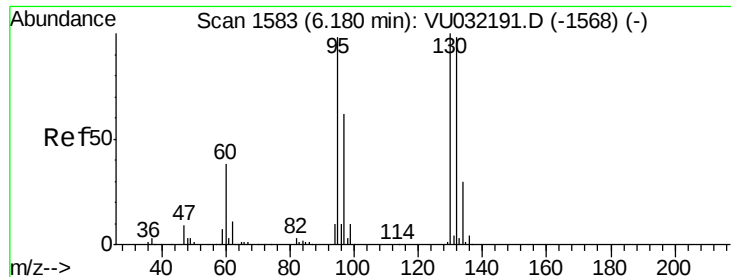
Ion Ratio Lower Upper

96 100

61 107.4 79.9 148.3

68 0.0 0.0 0.0

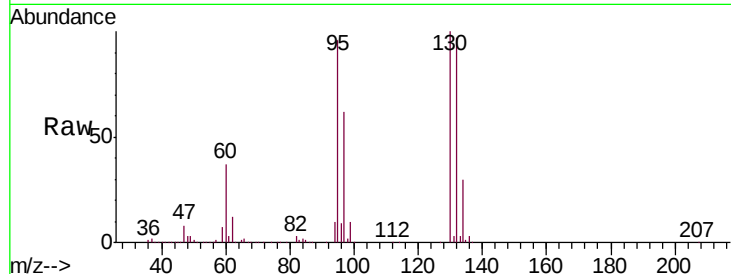




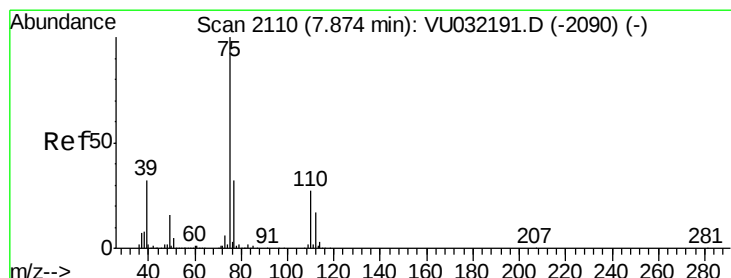
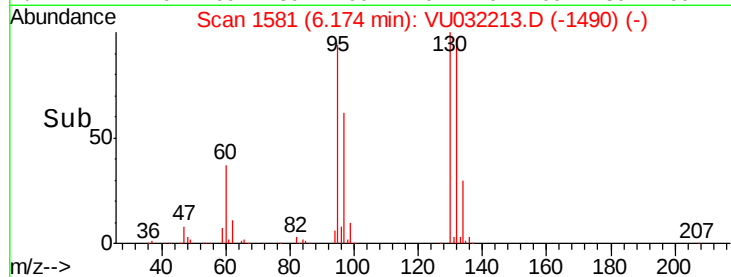
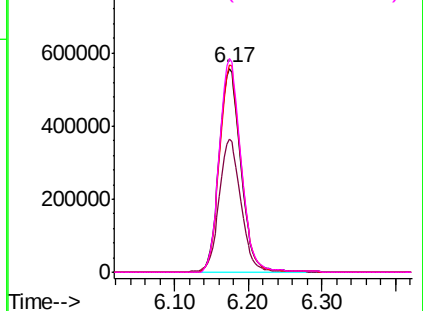
#34
 Trichloroethene
 Concen: 175.665 ug/L
 RT: 6.17 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: VU032213.D
 Acq: 21 May 2019 20:52

Instrument :
 MSVOA_U
 ClientSampleId :
 A51A5ME

Tgt Ion: 95 Resp: 1147957
 Ion Ratio Lower Upper
 95 100
 97 65.3 44.5 82.7
 132 101.6 69.4 129.0
 130 104.7 73.8 137.0

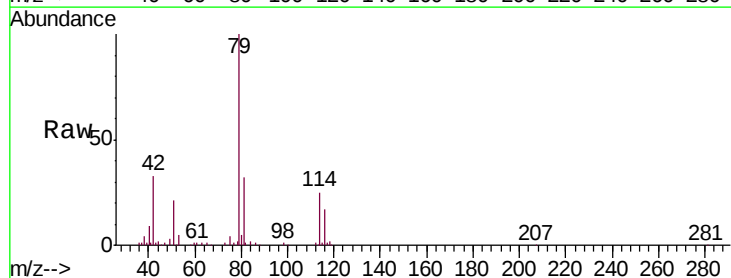


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

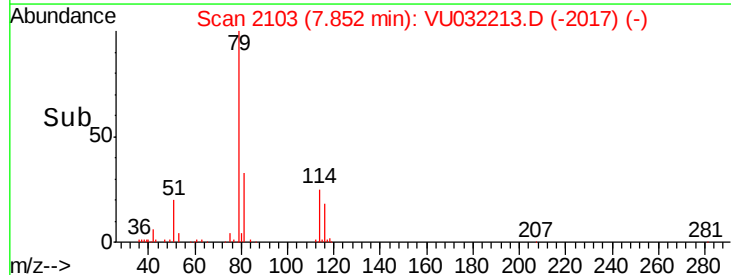
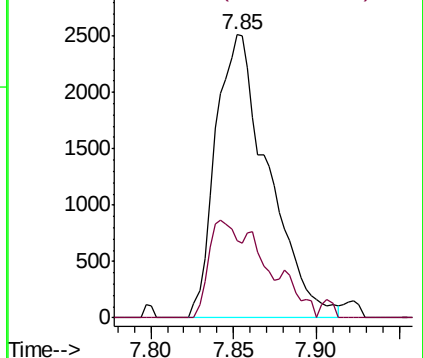


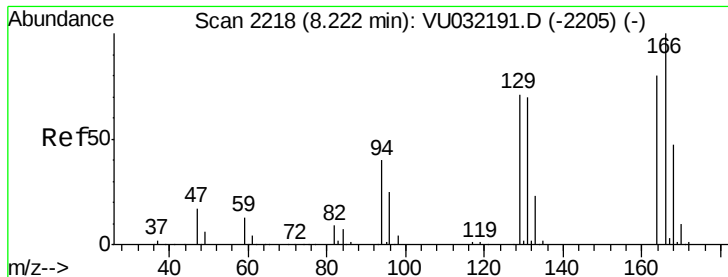
#44
 trans-1,3-Dichloropropene
 Concen: 0.669 ug/L
 RT: 7.85 min Scan# 2103
 Delta R.T. -0.02 min
 Lab File: VU032213.D
 Acq: 21 May 2019 20:52

Tgt Ion: 75 Resp: 5567
 Ion Ratio Lower Upper
 75 100
 77 27.2 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

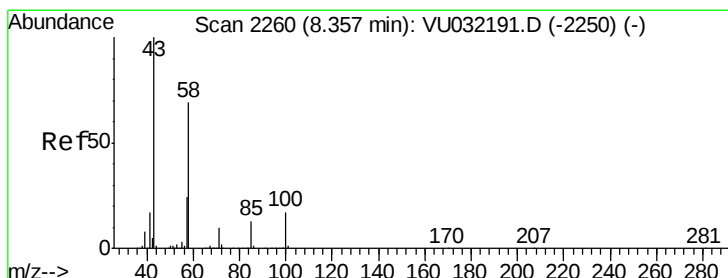
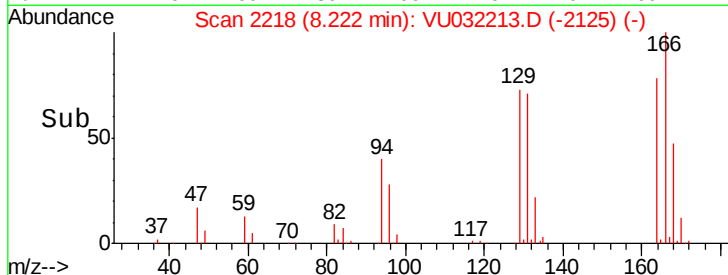
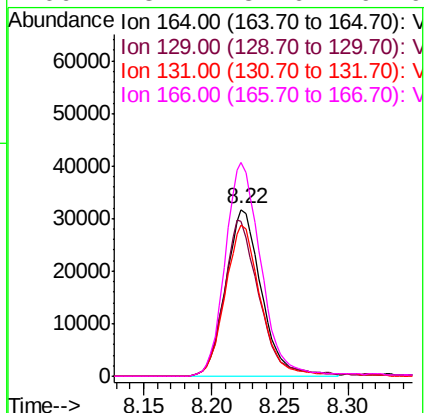
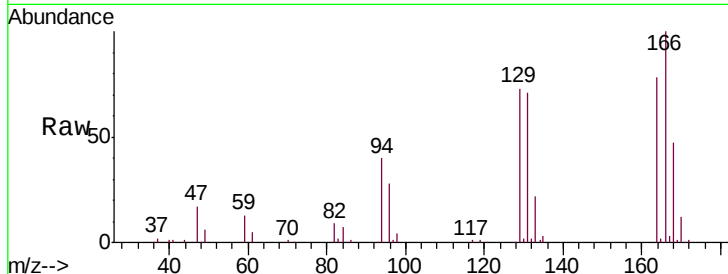




#46
Tetrachloroethene
Concen: 10.733 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032213.D
Acq: 21 May 2019 20:52

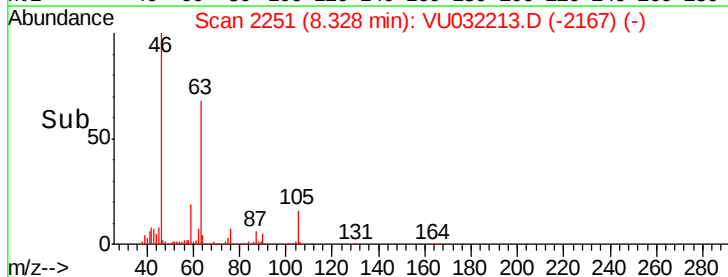
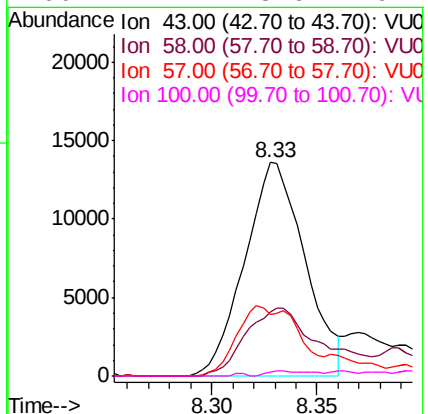
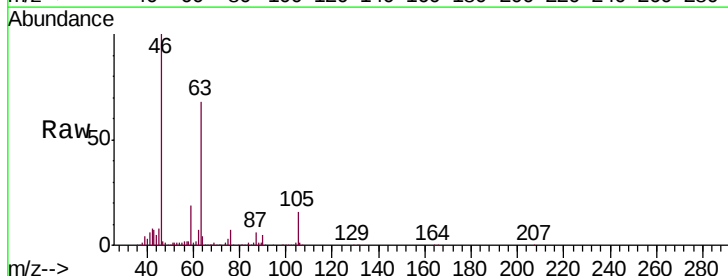
Instrument :
MSVOA_U
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A51A5ME

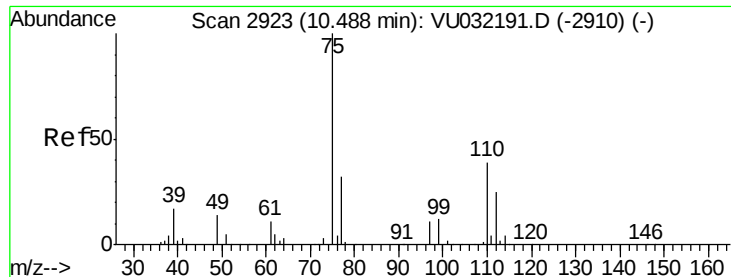
Tgt Ion:164 Resp: 57921
Ion Ratio Lower Upper
164 100
129 92.9 60.8 113.0
131 91.0 59.7 110.9
166 128.2 87.6 162.6



#48
2-Hexanone
Concen: 4.615 ug/L
RT: 8.33 min Scan# 2251
Delta R.T. -0.03 min
Lab File: VU032213.D
Acq: 21 May 2019 20:52

Tgt Ion: 43 Resp: 26965
Ion Ratio Lower Upper
43 100
58 35.1 54.1 81.1#
57 0.0 19.4 29.0#
100 1.1 13.6 20.4#





#59

1,2,3-Trichloropropane

Concen: 5.093 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU032213.D

Acq: 21 May 2019 20:52

Instrument :

MSVOA_U

ClientSampleId :

A51A5ME

Tgt Ion: 75 Resp: 42029

Ion Ratio Lower Upper

75 100

77 41.2 26.0 39.0#

