

Data File : VU032019.D
Acq On : 15 May 2019 10:15
Operator : JC/SP
Sample : K2738-09
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DB893

Quant Time: May 16 04:27:32 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM051419WMA.M
Quant Title : VOC Analysis
QLast Update : Thu May 16 04:24:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	1068899	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	1043610	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	427898	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	382911	40.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.64%
7) Chloroethane-d5	1.67	69	334646	44.06	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.12%
11) 1,1-Dichloroethene-d2	2.27	63	538379	32.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.04%
21) 2-Butanone-d5	4.17	46	594054	90.45	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.45%
24) Chloroform-d	4.64	84	690948	44.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.02%
26) 1,2-Dichloroethane-d4	5.31	65	443852	44.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.76%
32) Benzene-d6	5.34	84	1459589	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.62%
36) 1,2-Dichloropropane-d6	6.32	67	483511	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.00%
41) Toluene-d8	7.56	98	1253162	46.30	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	7.85	79	202217	45.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.96%
47) 2-Hexanone-d5	8.31	63	389658	96.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	667749	45.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.52%
64) 1,2-Dichlorobenzene-d4	11.85	152	445298	49.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.92%

Target Compounds

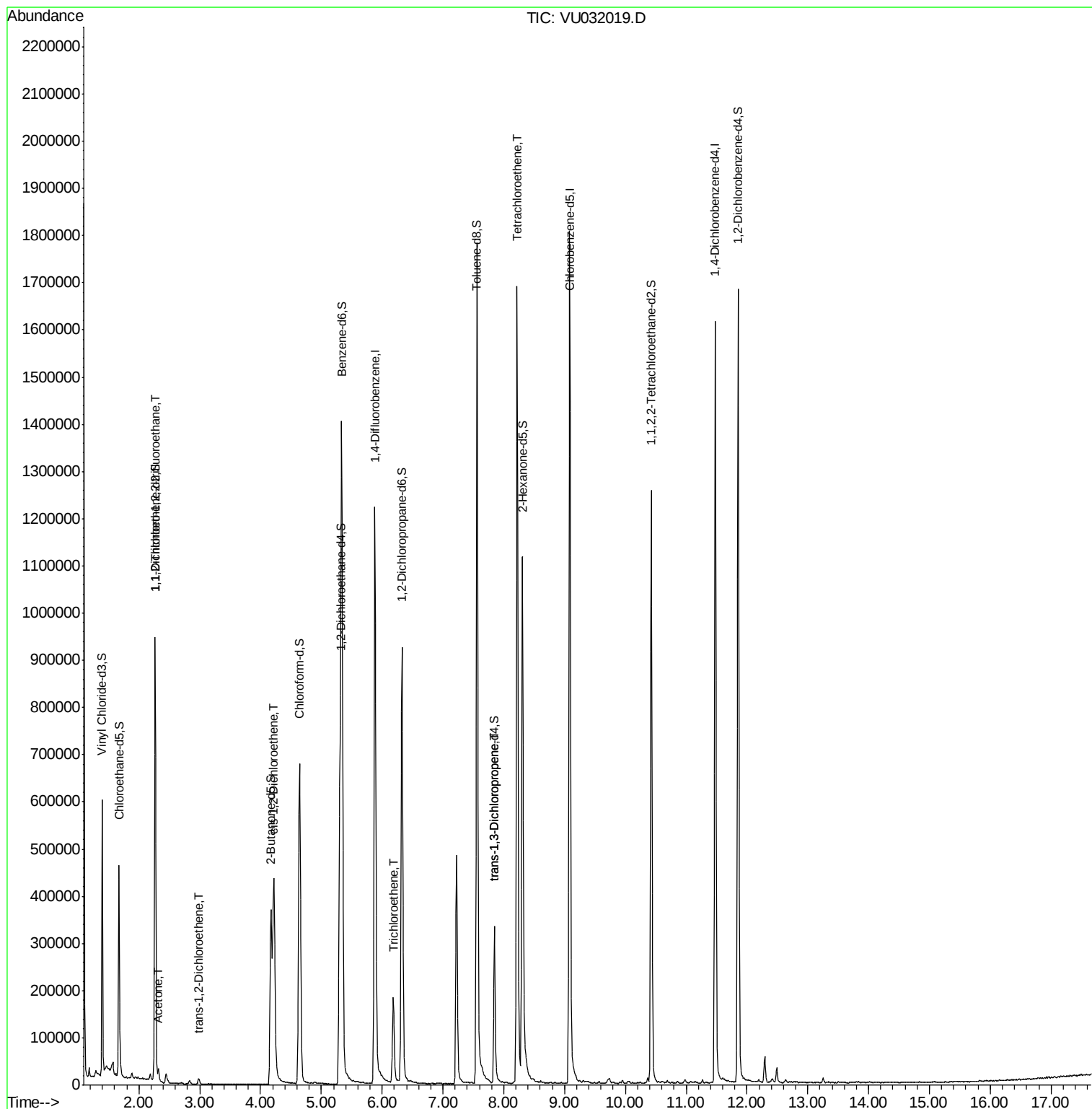
						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4539	0.571	ug/L #	23
13) Acetone	2.32	43	22444	3.324	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	5106	0.622	ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	230188	25.341	ug/L	99
34) Trichloroethene	6.19	95	64045	7.565	ug/L	97
44) trans-1,3-Dichloropropene	7.85	75	7234	0.632	ug/L #	68
46) Tetrachloroethene	8.22	164	384882	64.393	ug/L	98

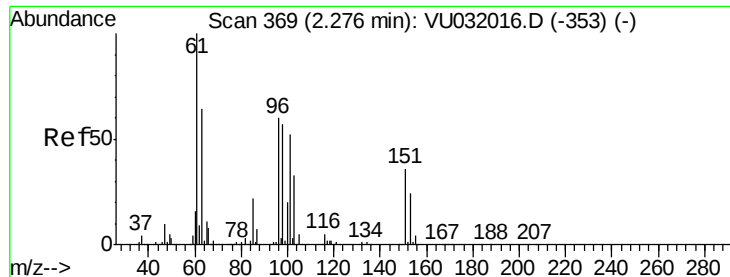
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.571 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

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Acq: 15 May 2019 10:15

Instrument :

MSVOA_U

ClientSampleId :

DB893

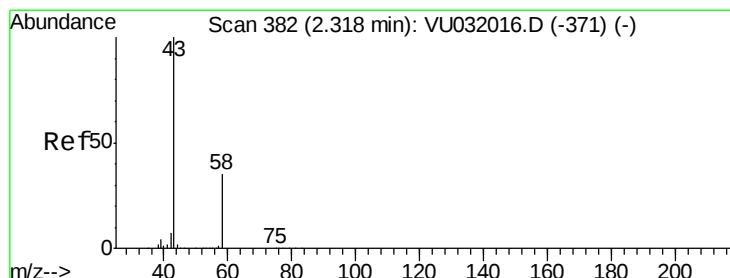
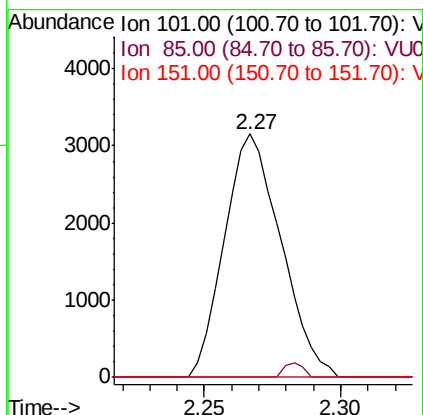
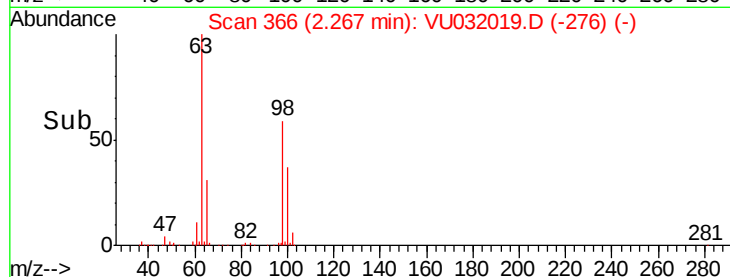
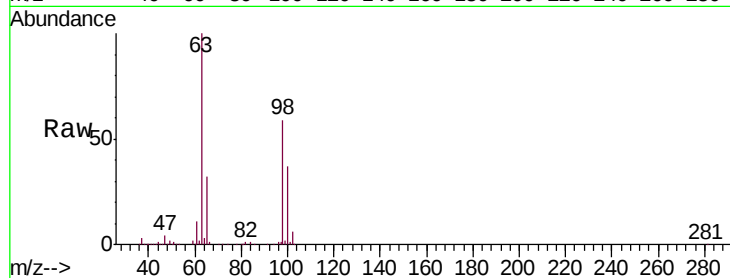
Tgt Ion:101 Resp: 4539

Ion Ratio Lower Upper

101 100

85 2.0 34.1 51.1#

151 0.0 55.8 83.8#



#13

Acetone

Concen: 3.324 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032019.D

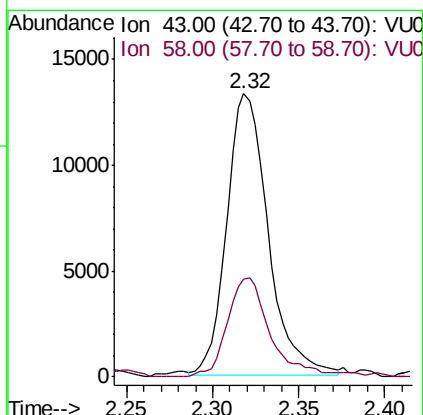
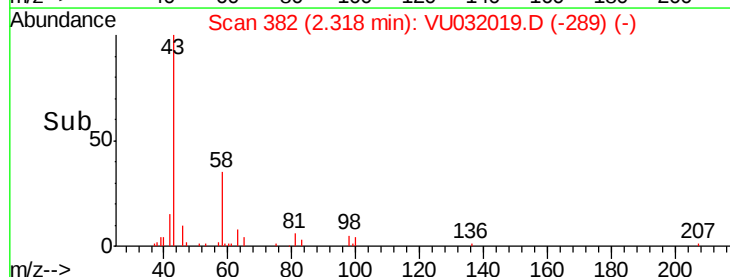
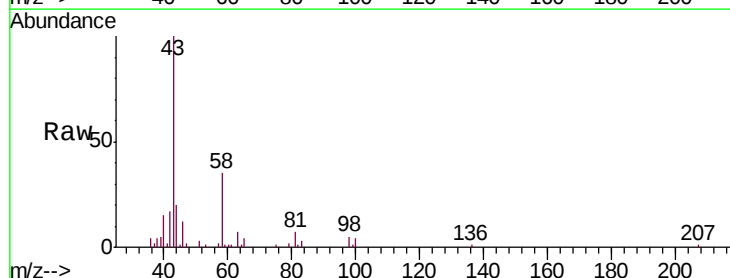
Acq: 15 May 2019 10:15

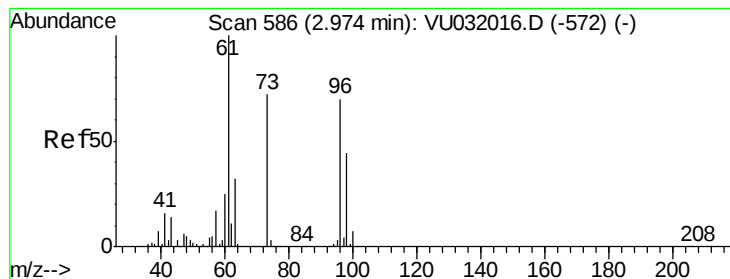
Tgt Ion: 43 Resp: 22444

Ion Ratio Lower Upper

43 100

58 33.7 0.0 68.2





#17

trans-1,2-Dichloroethene

Concen: 0.622 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.01 min

Lab File: VU032019.D

Acq: 15 May 2019 10:15

Instrument :

MSVOA_U

ClientSampleId :

DB893

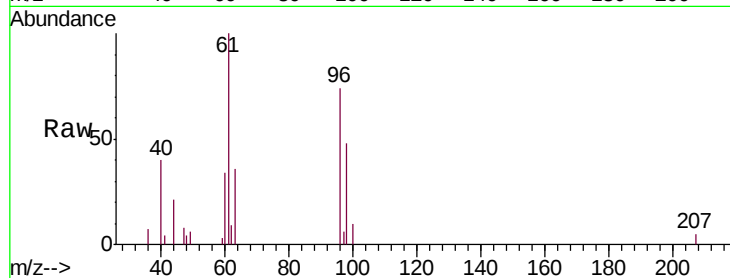
Tgt Ion: 96 Resp: 5106

Ion Ratio Lower Upper

96 100

61 135.2 103.2 191.6

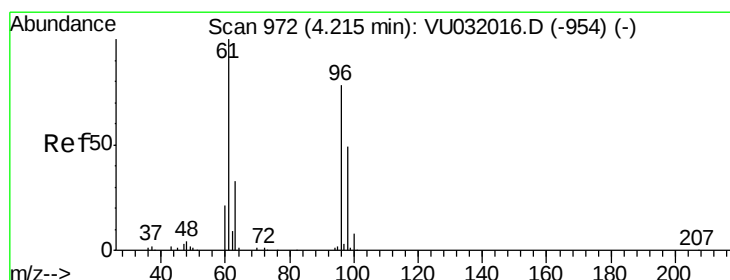
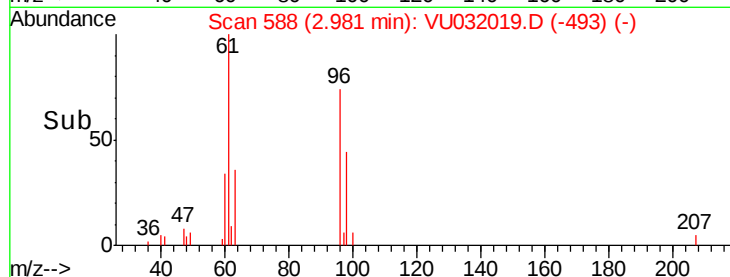
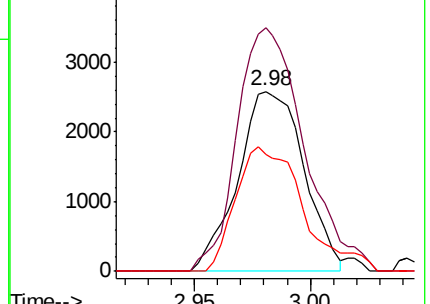
98 64.6 45.7 84.9



Abundance Ion 96.00 (95.70 to 96.70): VU032016.D (-572) (-)

Ion 61.00 (60.70 to 61.70): VU032016.D (-572) (-)

Ion 98.00 (97.70 to 98.70): VU032016.D (-572) (-)



#20

cis-1,2-Dichloroethene

Concen: 25.341 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.01 min

Lab File: VU032019.D

Acq: 15 May 2019 10:15

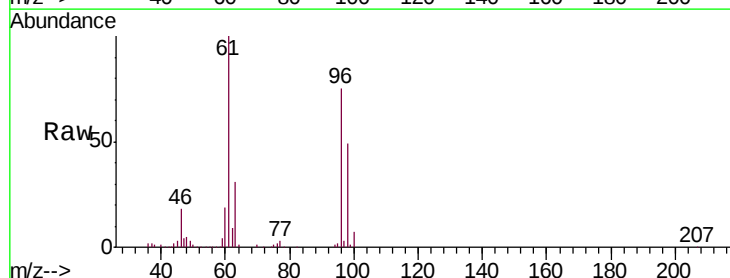
Tgt Ion: 96 Resp: 230188

Ion Ratio Lower Upper

96 100

61 133.8 93.0 172.8

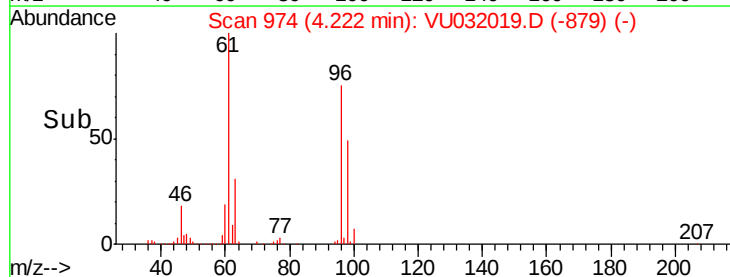
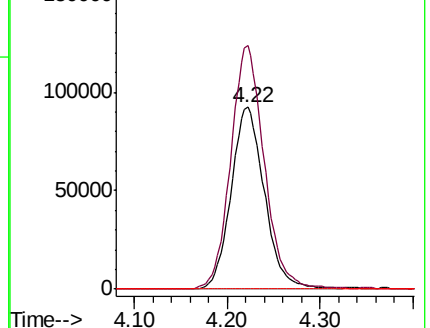
68 0.0 0.0 0.0

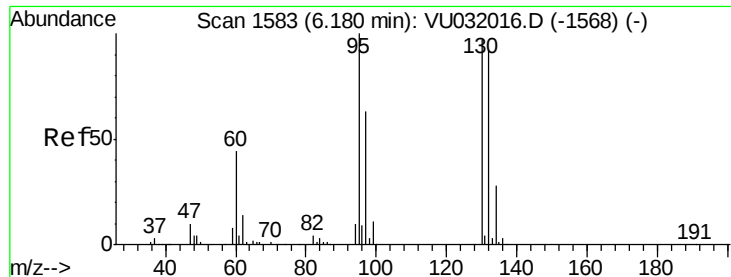


Abundance Ion 96.00 (95.70 to 96.70): VU032016.D (-954) (-)

Ion 61.00 (60.70 to 61.70): VU032016.D (-954) (-)

Ion 68.00 (67.70 to 68.70): VU032016.D (-954) (-)

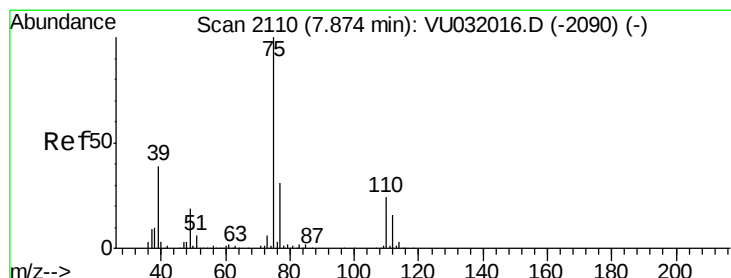
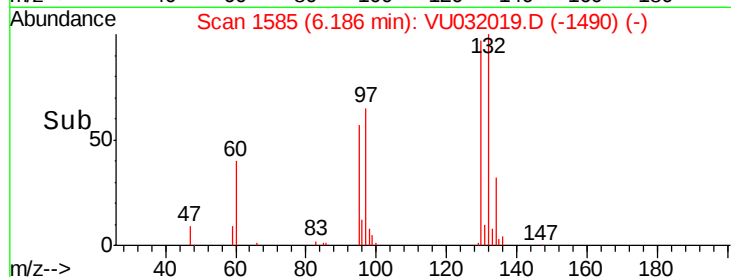
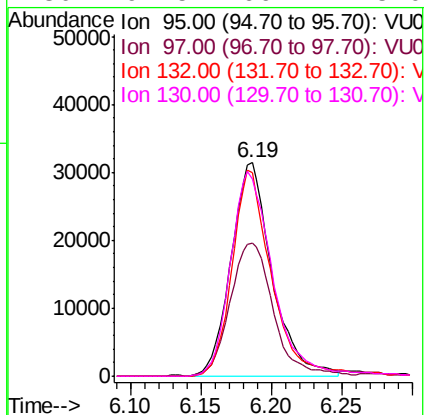
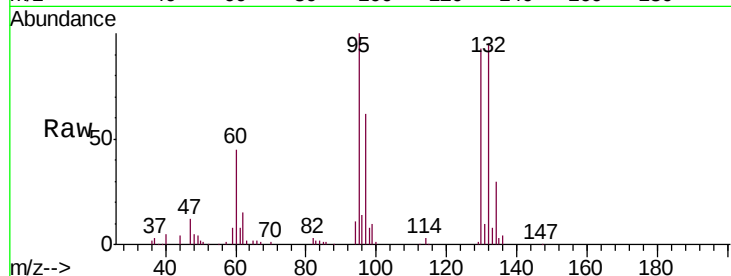




#34
 Trichloroethene
 Concen: 7.565 ug/L
 RT: 6.19 min Scan# 1585
 Delta R.T. 0.01 min
 Lab File: VU032019.D
 Acq: 15 May 2019 10:15

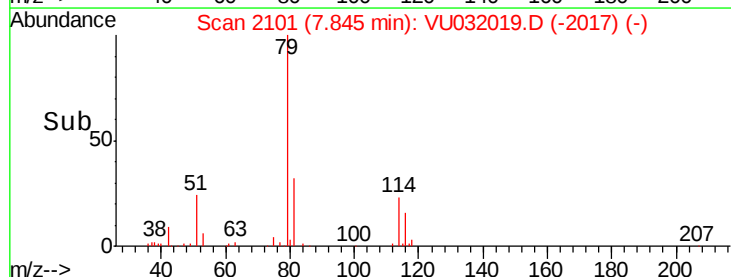
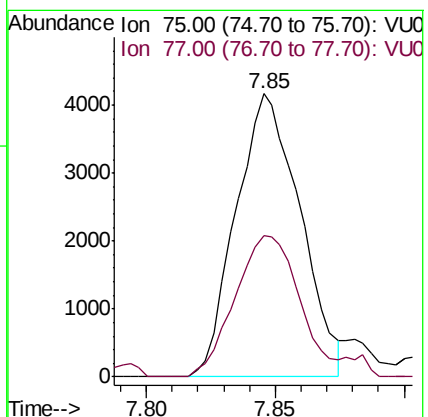
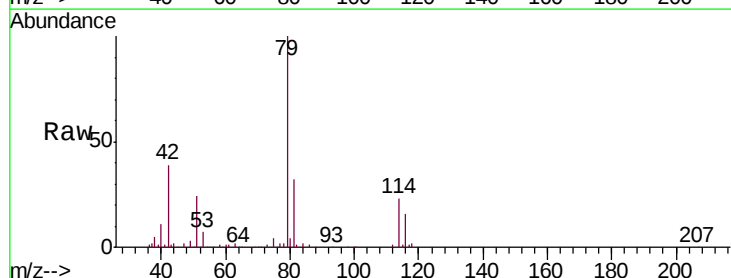
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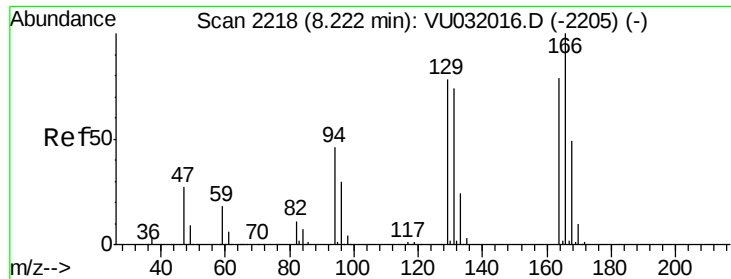
Tgt Ion:	95	Resp:	64045
Ion	Ratio	Lower	Upper
95	100		
97	62.1	44.9	83.3
132	95.5	63.5	117.9
130	92.5	66.2	123.0



#44
 trans-1,3-Dichloropropene
 Concen: 0.632 ug/L
 RT: 7.85 min Scan# 2101
 Delta R.T. -0.03 min
 Lab File: VU032019.D
 Acq: 15 May 2019 10:15

Tgt Ion:	75	Resp:	7234
Ion	Ratio	Lower	Upper
75	100		
77	50.1	22.5	41.7#





#46

Tetrachloroethene

Concen: 64.393 ug/L

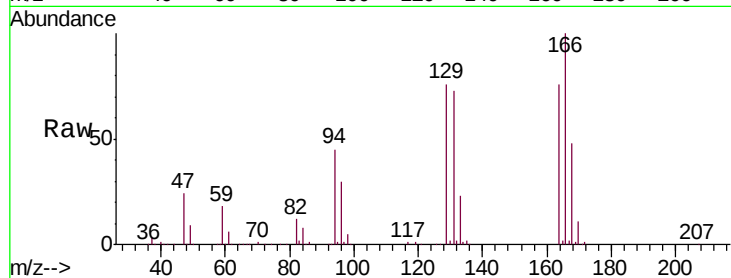
RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032019.D

Acq: 15 May 2019 10:15

Instrument :
MSVOA_U
ClientSampleId :
DB893



Tgt Ion:	164	Resp:	384882
Ion	Ratio	Lower	Upper
164	100		
129	99.4	70.9	131.7
131	95.0	67.4	125.2
166	130.9	90.2	167.4

