

Data File : VU033892.D
Acq On : 21 Aug 2019 23:18
Operator : JC/SP
Sample : K4454-04
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B87

Quant Time: Aug 22 07:24:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 07:18:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	396927	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	408580	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	168881	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	143384	40.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.30%
7) Chloroethane-d5	1.67	69	134699	40.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.66%
11) 1,1-Dichloroethene-d2	2.25	63	201193	33.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.42%
21) 2-Butanone-d5	4.15	46	198601	106.04	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.04%
24) Chloroform-d	4.62	84	260438	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.62%
26) 1,2-Dichloroethane-d4	5.29	65	172941	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
32) Benzene-d6	5.32	84	504386	44.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.62%
36) 1,2-Dichloropropane-d6	6.31	67	170973	46.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.16%
41) Toluene-d8	7.55	98	443629	41.94	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.88%
43) trans-1,3-Dichloropropene-	7.83	79	70650	40.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.66%
47) 2-Hexanone-d5	8.29	63	130949	95.82	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.82%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	247339	48.23	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.46%
64) 1,2-Dichlorobenzene-d4	11.84	152	171232	50.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.74%

Target Compounds

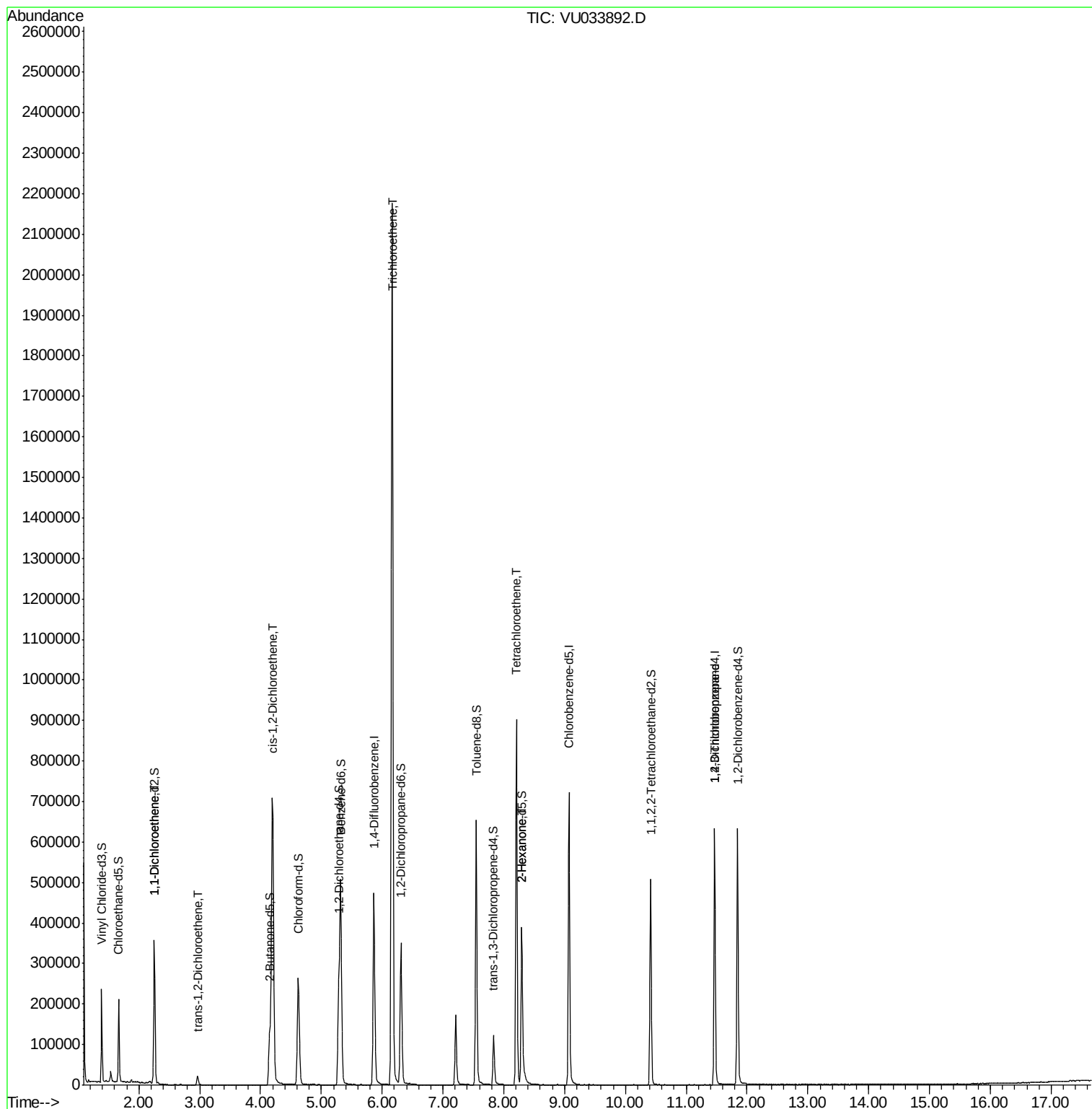
					Qvalue
12) 1,1-Dichloroethene	2.26	96	3139	1.144 ug/L #	1
17) trans-1,2-Dichloroethene	2.96	96	8863	3.099 ug/L	95
20) cis-1,2-Dichloroethene	4.20	96	396809	128.273 ug/L	96
34) Trichloroethene	6.16	95	740176	224.708 ug/L	98
46) Tetrachloroethene	8.21	164	201509	76.306 ug/L	98
48) 2-Hexanone	8.30	43	17104	5.498 ug/L #	70
59) 1,2,3-Trichloropropane	11.47	75	20998	5.129 ug/L	99

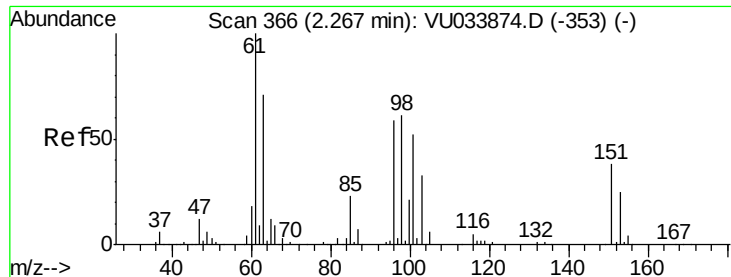
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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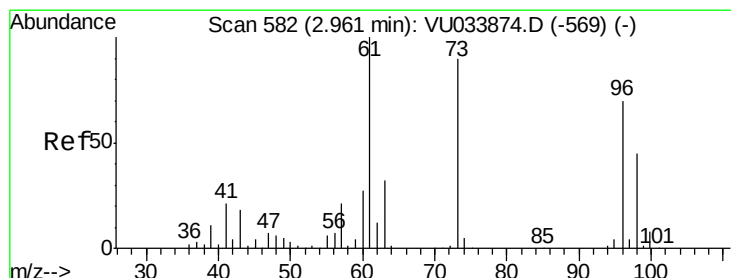
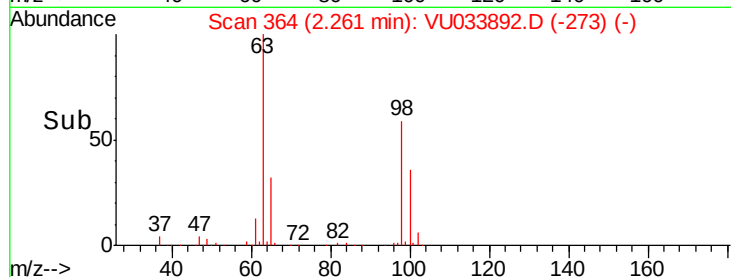
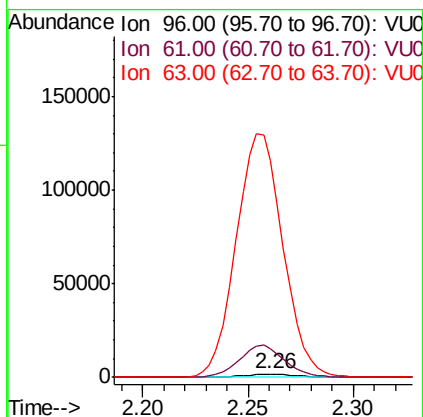
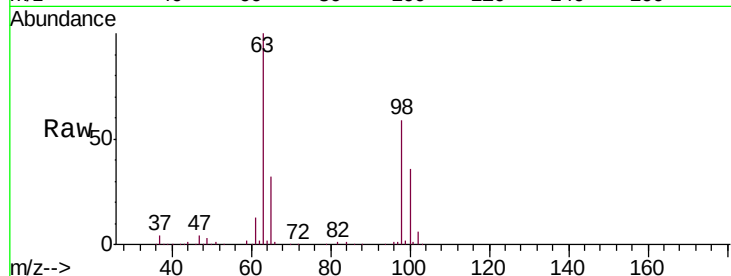




#12
 1,1-Dichloroethene
 Concen: 1.144 ug/L
 RT: 2.26 min Scan# 364
 Delta R.T. -0.01 min
 Lab File: VU033892.D
 Acq: 21 Aug 2019 23:18

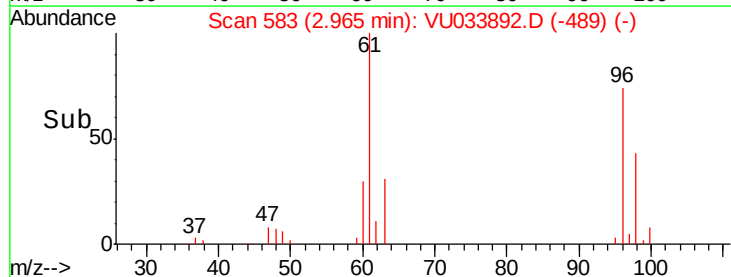
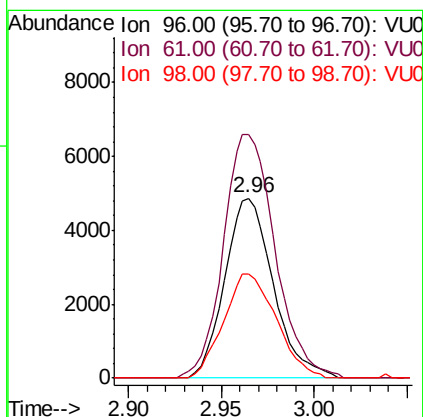
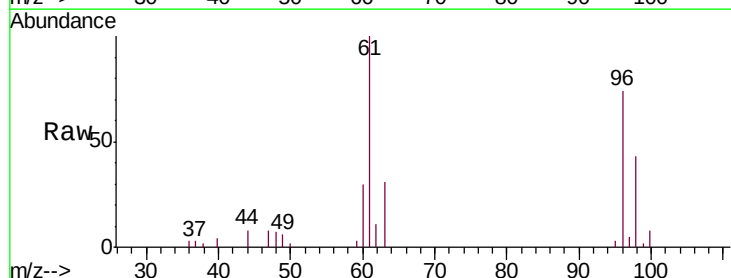
Instrument :
 MSVOA_U
 ClientSampleId :
 F2B87

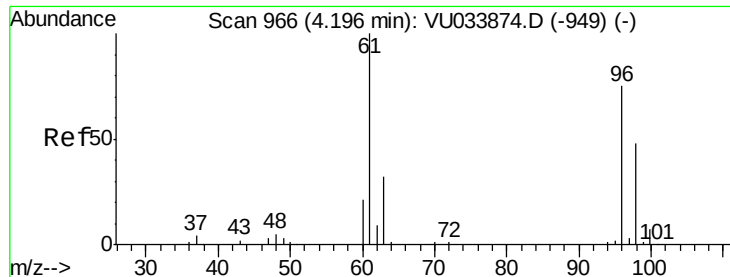
Tgt Ion: 96 Resp: 3139
 Ion Ratio Lower Upper
 96 100
 61 945.2 123.7 229.7#
 63 7058.5 91.2 169.4#



#17
 trans-1,2-Dichloroethene
 Concen: 3.099 ug/L
 RT: 2.96 min Scan# 583
 Delta R.T. 0.00 min
 Lab File: VU033892.D
 Acq: 21 Aug 2019 23:18

Tgt Ion: 96 Resp: 8863
 Ion Ratio Lower Upper
 96 100
 61 135.5 98.6 183.2
 98 58.3 43.8 81.3

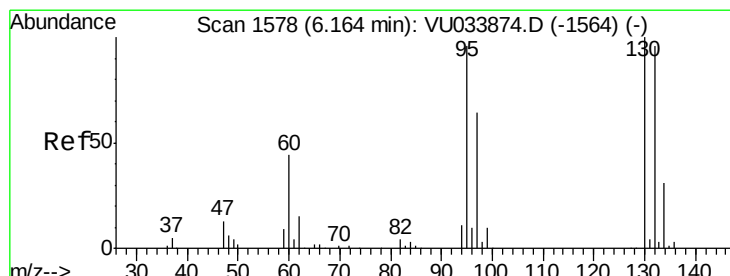
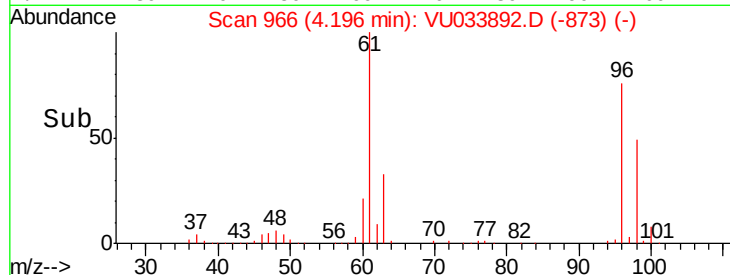
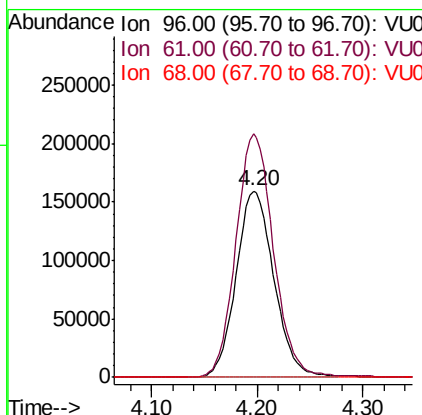
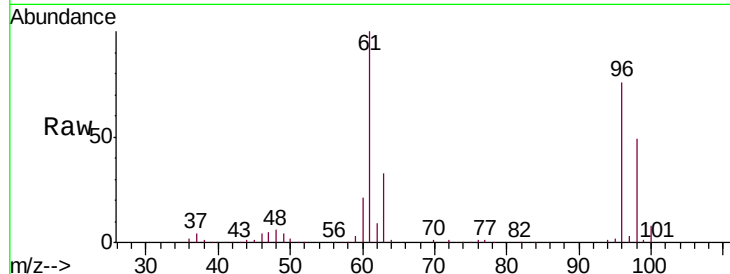




#20
 cis-1,2-Dichloroethene
 Concen: 128.273 ug/L
 RT: 4.20 min Scan# 966
 Delta R.T. 0.00 min
 Lab File: VU033892.D
 Acq: 21 Aug 2019 23:18

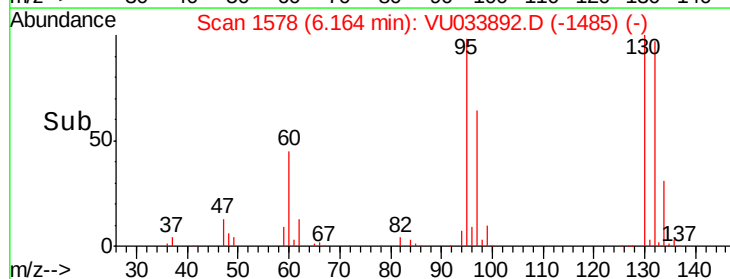
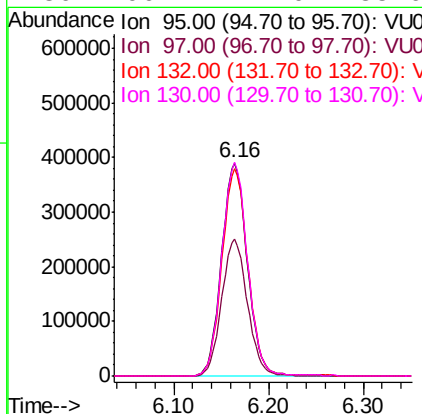
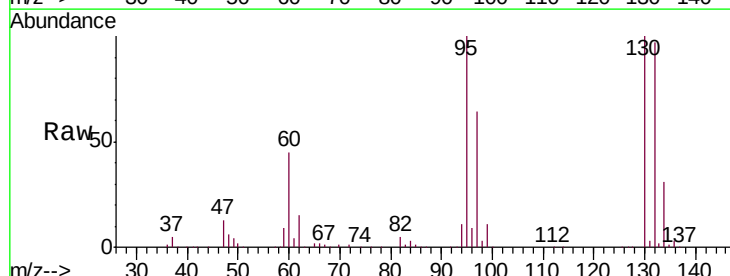
Instrument :
 MSVOA_U
 ClientSampled :
 F2B87

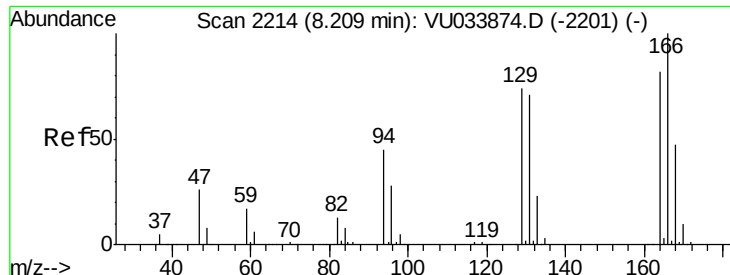
Tgt Ion: 96 Resp: 396809
 Ion Ratio Lower Upper
 96 100
 61 130.9 88.2 163.8
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 224.708 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. 0.00 min
 Lab File: VU033892.D
 Acq: 21 Aug 2019 23:18

Tgt Ion: 95 Resp: 740176
 Ion Ratio Lower Upper
 95 100
 97 64.4 46.3 86.1
 132 97.5 67.9 126.1
 130 100.4 72.0 133.6

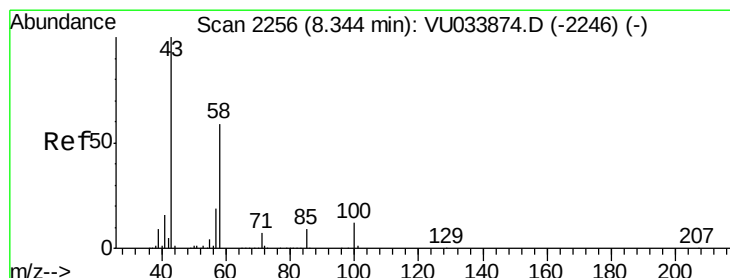
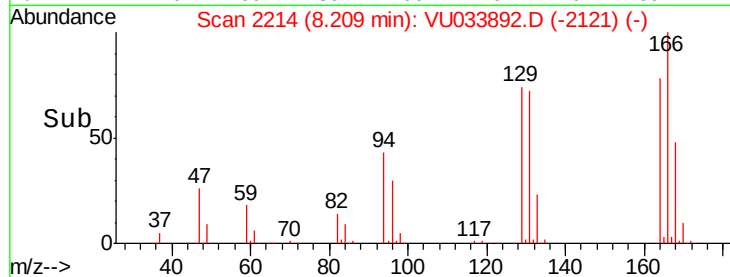
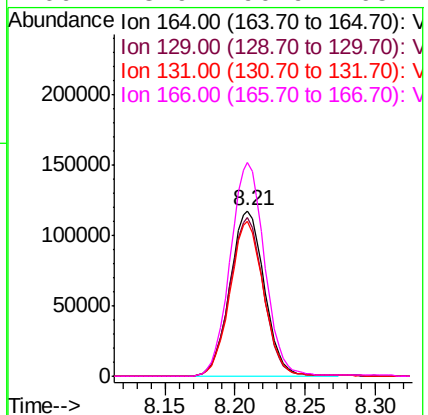
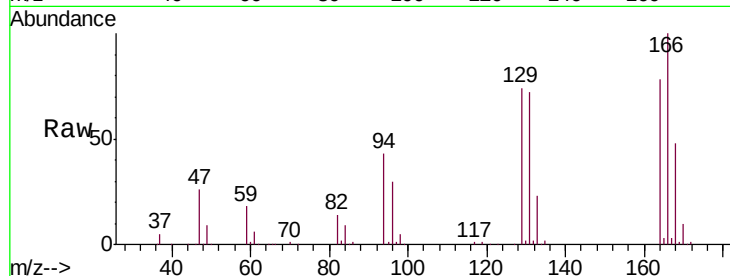




#46
Tetrachloroethene
Concen: 76.306 ug/L
RT: 8.21 min Scan# 2214
Delta R.T. 0.00 min
Lab File: VU033892.D
Acq: 21 Aug 2019 23:18

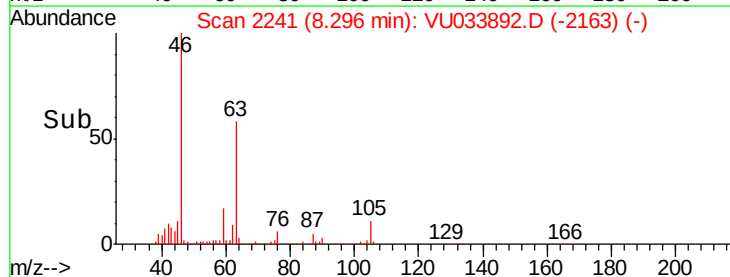
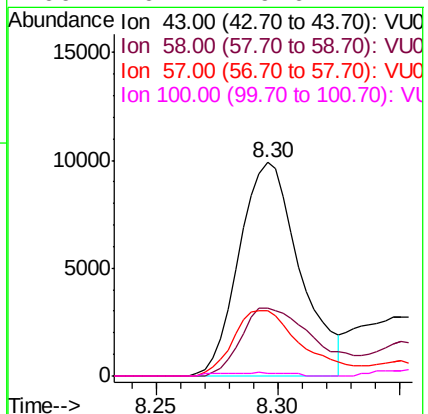
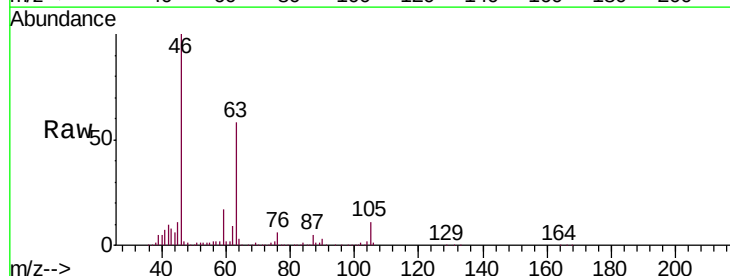
Instrument :
MSVOA_U
ClientSampleId :
F2B87

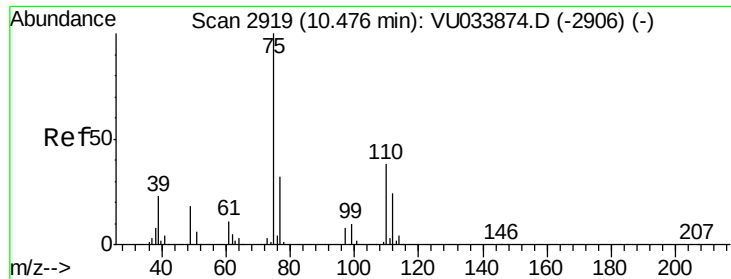
Tgt Ion:	164	Resp:	201509
Ion	Ratio	Lower	Upper
164	100		
129	95.7	64.4	119.6
131	93.2	63.8	118.4
166	128.9	90.9	168.7



#48
2-Hexanone
Concen: 5.498 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU033892.D
Acq: 21 Aug 2019 23:18

Tgt Ion:	43	Resp:	17104
Ion	Ratio	Lower	Upper
43	100		
58	35.0	45.0	67.4#
57	34.9	15.4	23.0#
100	0.2	9.6	14.4#





#59

1,2,3-Trichloropropane

Concen: 5.129 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033892.D

Acq: 21 Aug 2019 23:18

Instrument :

MSVOA_U

ClientSampleId :

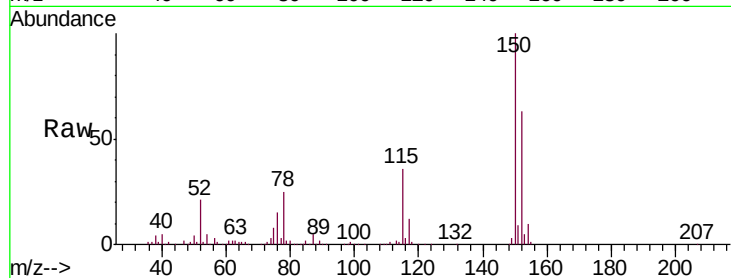
F2B87

Tgt Ion: 75 Resp: 20998

Ion Ratio Lower Upper

75 100

77 32.0 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

