

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052419\
 Data File : VU032295.D
 Acq On : 24 May 2019 07:53
 Operator : JC/SP
 Sample : K3018-01 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 24 09:54:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 24 07:24:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	755777	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	759992	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	320251	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	234606	59.38	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	118.76%
7) Chloroethane-d5	1.67	69	212796	56.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	112.26%
11) 1,1-Dichloroethene-d2	2.27	63	338278	43.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.34%
21) 2-Butanone-d5	4.17	46	361384	95.88	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.88%
24) Chloroform-d	4.64	84	477025	47.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.72%
26) 1,2-Dichloroethane-d4	5.30	65	303728	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.02%
32) Benzene-d6	5.33	84	1011848	52.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.58%
36) 1,2-Dichloropropane-d6	6.32	67	296294	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.20%
41) Toluene-d8	7.56	98	899231	50.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.52%
43) trans-1,3-Dichloropropene-	7.85	79	123153	43.48	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.96%
47) 2-Hexanone-d5	8.31	63	242547	93.65	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.65%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	467562	45.44	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.88%
64) 1,2-Dichlorobenzene-d4	11.85	152	356508	52.97	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.94%

Target Compounds

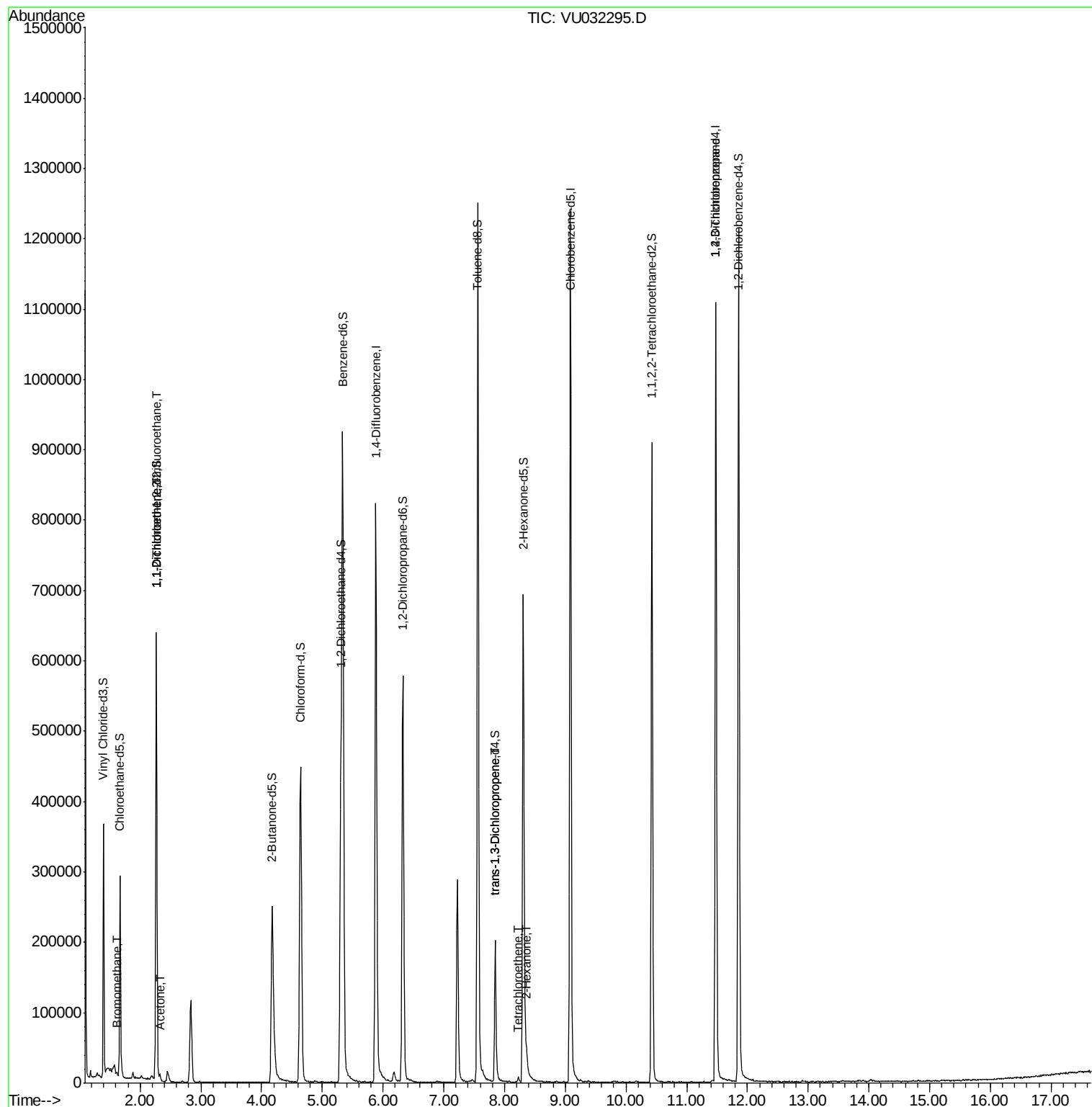
					Ovalue
6) Bromomethane	1.62	94	2512	0.574 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	4106	1.033 ug/L #	24
12) 1,1-Dichloroethene	2.27	96	3319	0.749 ug/L #	1
13) Acetone	2.32	43	4988	1.642 ug/L	76
44) trans-1,3-Dichloropropene	7.85	75	4962	0.677 ug/L	91
46) Tetrachloroethene	8.23	164	1990	0.493 ug/L	89
48) 2-Hexanone	8.37	43	15540	2.549 ug/L #	65
59) 1,2,3-Trichloropropane	11.48	75	34472	4.119 ug/L	90

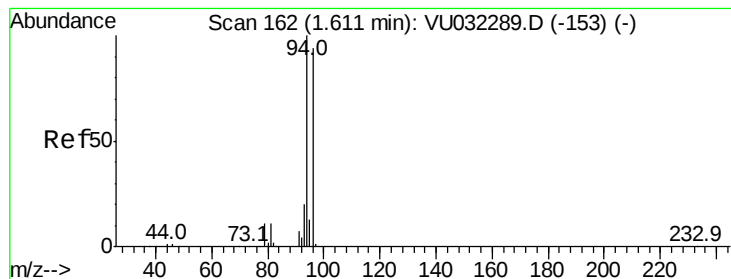
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU052419\
Data File : VU032295.D
Acq On : 24 May 2019 07:53
Operator : JC/SP
Sample : K3018-01 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: May 24 09:54:58 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052419WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 07:24:18 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.574 ug/L

RT: 1.62 min Scan# 164

Delta R.T. 0.01 min

Lab File: VU032295.D

Acq: 24 May 2019 07:53

Instrument :

MSVOA_U

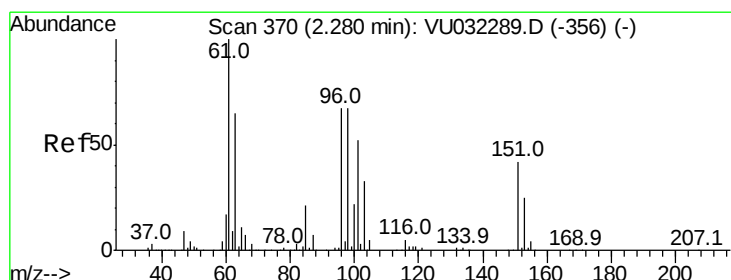
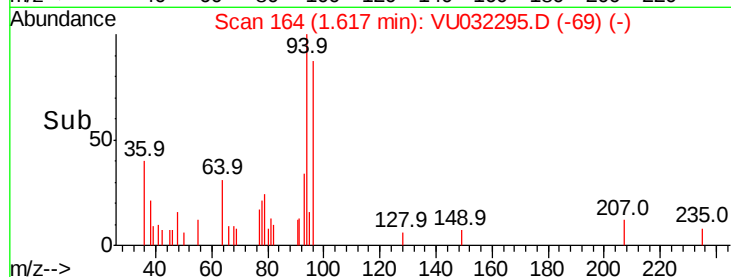
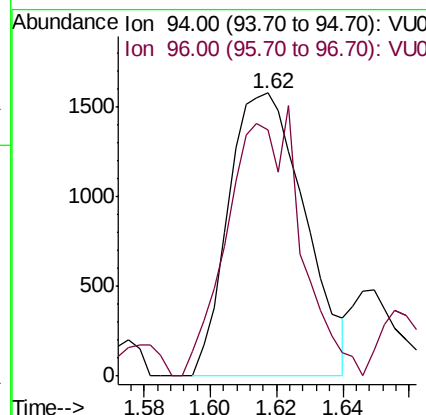
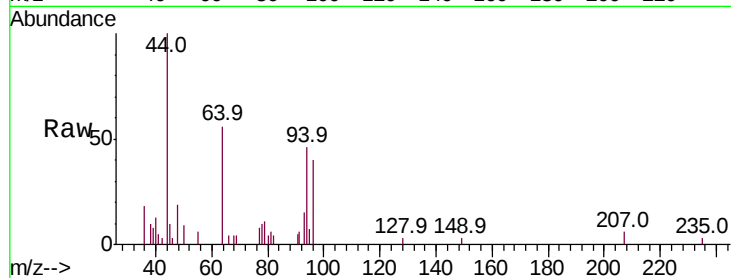
ClientSampleId :

Tot Ion: 94 Resp: 2512

Ion Ratio Lower Upper

94 100

96 87.2 66.0 122.6



#10

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

Concen: 1.033 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.01 min

Lab File: VU032295.D

Acq: 24 May 2019 07:53

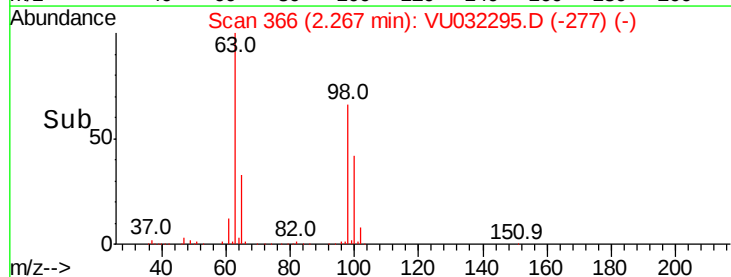
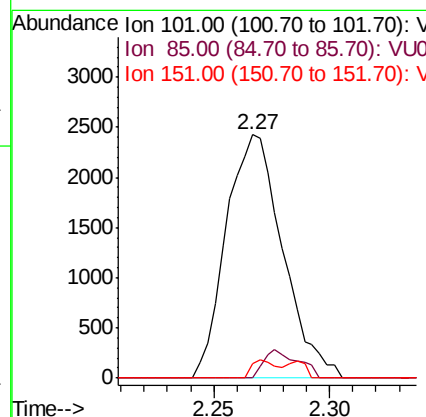
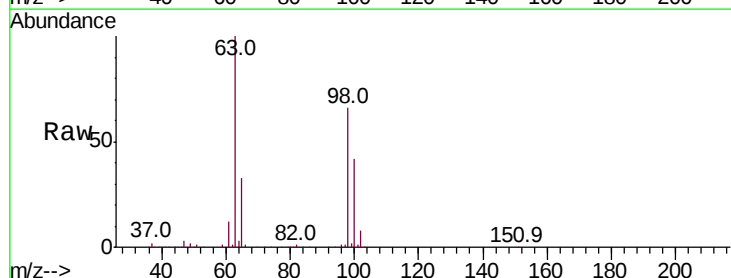
Tgt Ion:101 Resp: 4106

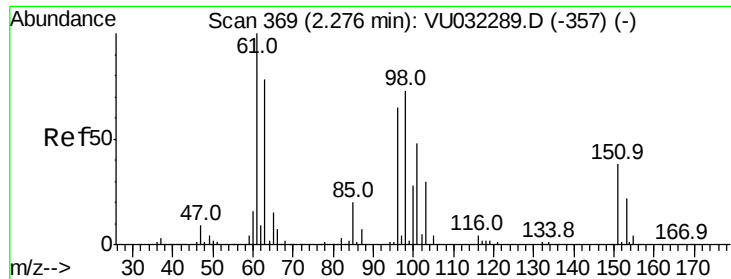
Ion Ratio Lower Upper

101 100

85 7.0 32.8 49.2#

151 3.3 63.5 95.3#





#12

1,1-Dichloroethene

Concen: 0.749 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.01 min

Lab File: VU032295.D

Acq: 24 May 2019 07:53

Instrument :

MSVOA_U

ClientSampleId :

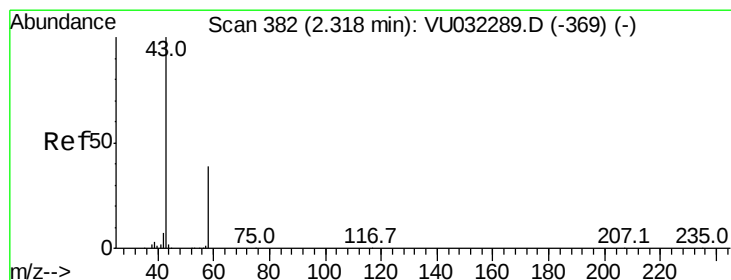
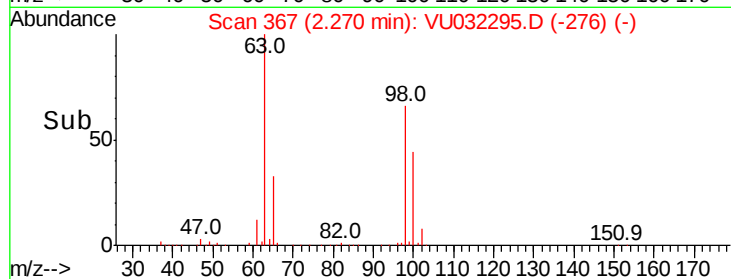
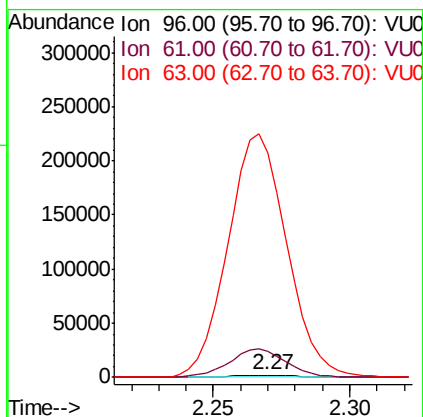
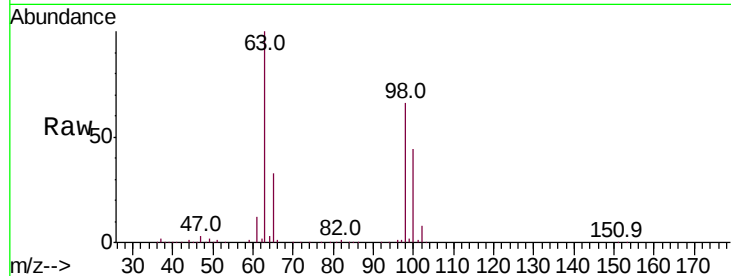
Tot Ion: 96 Resp: 3319

Ion Ratio Lower Upper

96 100

61 1143.9 108.0 200.6#

63 9800.0 85.5 158.7#



#13

Acetone

Concen: 1.642 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU032295.D

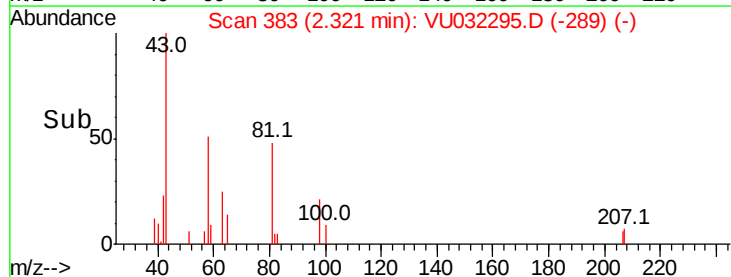
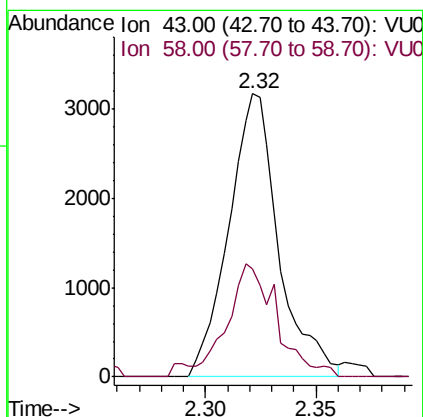
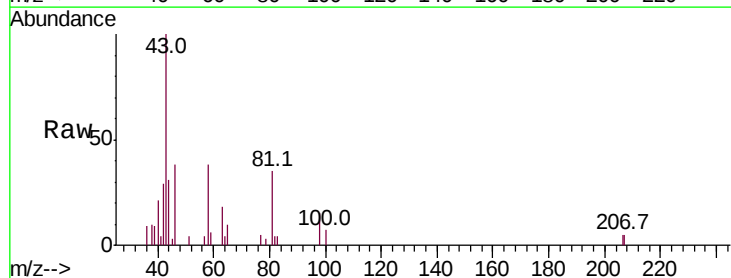
Acq: 24 May 2019 07:53

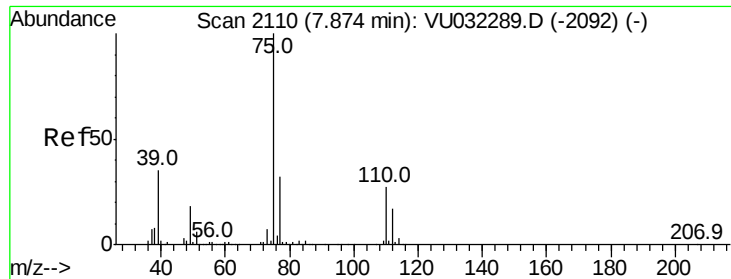
Tgt Ion: 43 Resp: 4988

Ion Ratio Lower Upper

43 100

58 24.0 0.0 77.2

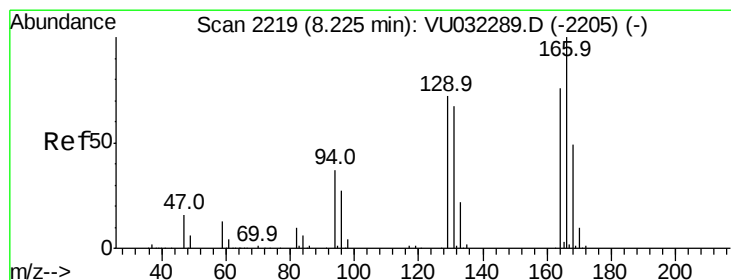
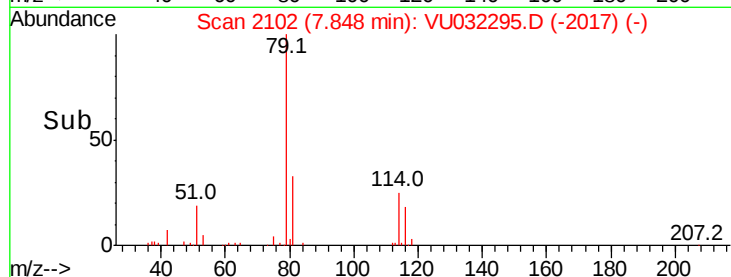
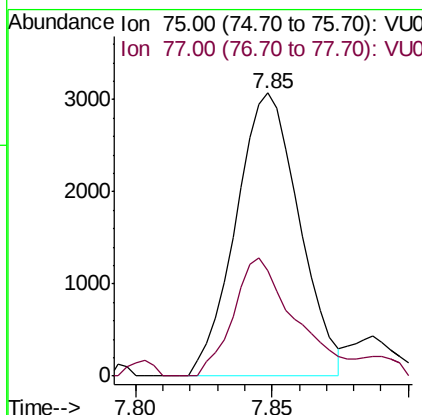
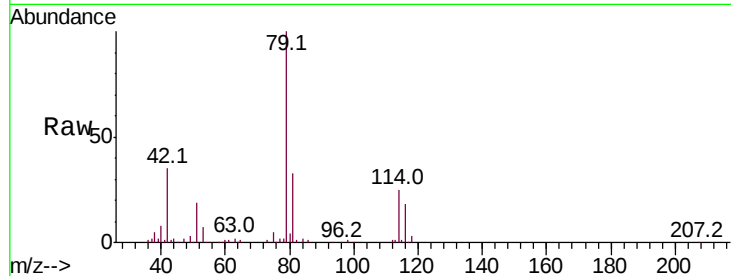




#44
trans-1,3-Dichloropropene
Concen: 0.677 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032295.D
Acq: 24 May 2019 07:53

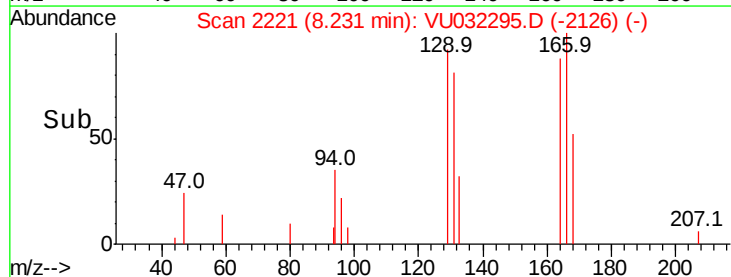
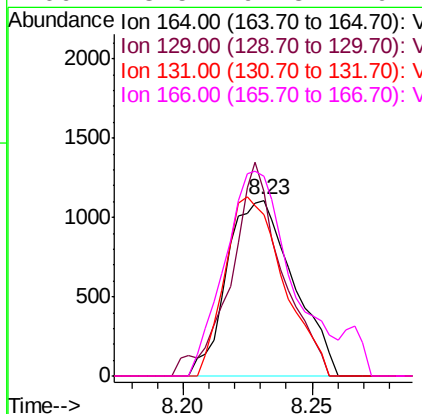
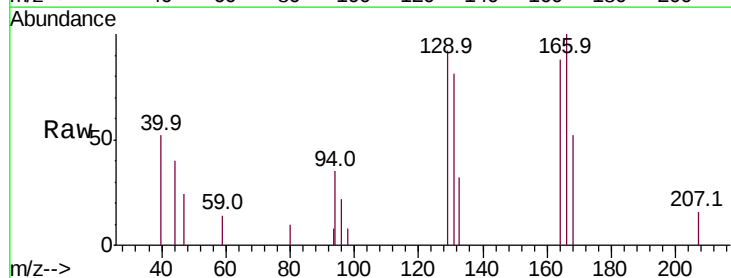
Instrument :
MSVOA_U
ClientSampleId :

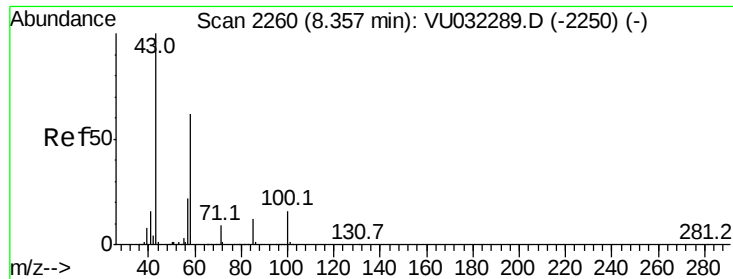
Tot Ion: 75 Resp: 4962
Ion Ratio Lower Upper
75 100
77 37.0 22.4 41.6



#46
Tetrachloroethene
Concen: 0.493 ug/L
RT: 8.23 min Scan# 2221
Delta R.T. 0.01 min
Lab File: VU032295.D
Acq: 24 May 2019 07:53

Tgt Ion: 164 Resp: 1990
Ion Ratio Lower Upper
164 100
129 104.7 66.2 123.0
131 92.1 61.9 114.9
166 113.5 91.8 170.4

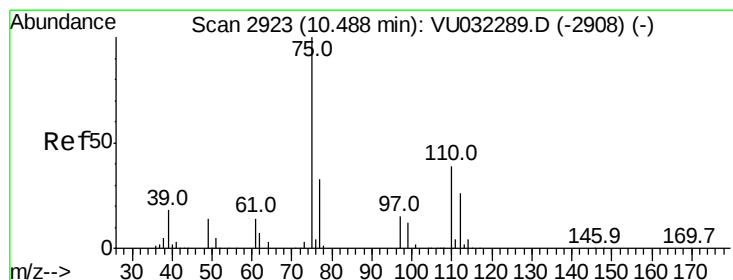
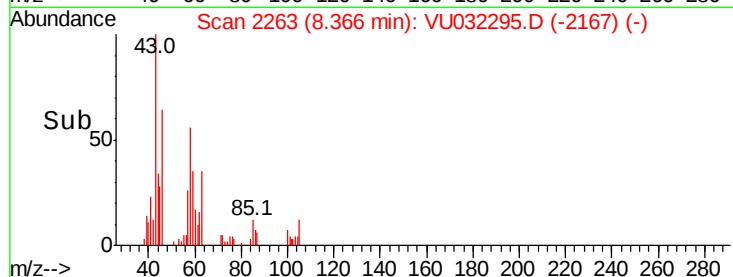
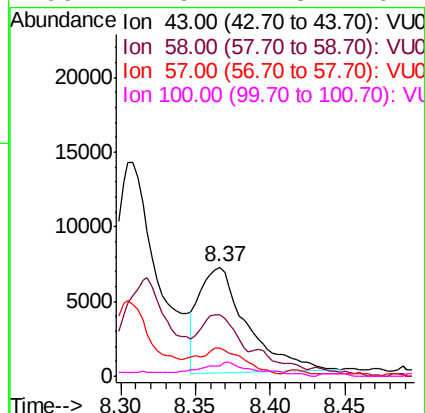
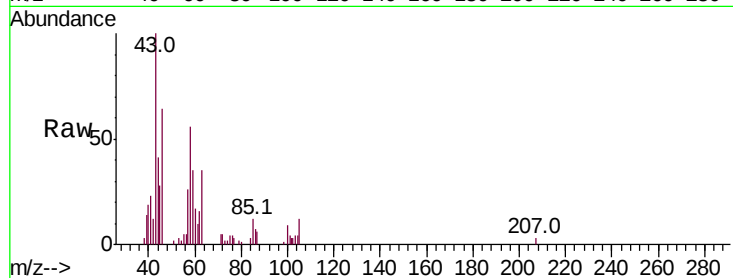




#48
 2-Hexanone
 Concen: 2.549 ug/L
 RT: 8.37 min Scan# 2263
 Delta R.T. 0.01 min
 Lab File: VU032295.D
 Acq: 24 May 2019 07:53

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:	43	Resp:	15540
Ion	Ratio	Lower	Upper
43	100		
58	27.3	51.4	77.0#
57	19.7	17.8	26.8
100	2.9	12.8	19.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.119 ug/L
 RT: 11.48 min Scan# 3232
 Delta R.T. 0.99 min
 Lab File: VU032295.D
 Acq: 24 May 2019 07:53

Tgt Ion:	75	Resp:	34472
Ion	Ratio	Lower	Upper
75	100		
77	37.9	25.7	38.5

