

Data File : VU033644.D
Acq On : 08 Aug 2019 17:47
Operator : JC/SP
Sample : K4202-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F2B24

Quant Time: Aug 09 07:43:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080819WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 09 07:39:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	304035	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	300597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	144491	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	145309	42.34	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.68%
7) Chloroethane-d5	1.67	69	121918	41.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.94%
11) 1,1-Dichloroethene-d2	2.26	63	186312	33.58	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.16%
21) 2-Butanone-d5	4.15	46	223015	88.72	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.72%
24) Chloroform-d	4.62	84	214880	37.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	75.56%
26) 1,2-Dichloroethane-d4	5.29	65	149625	40.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.60%
32) Benzene-d6	5.32	84	466399	41.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.22%
36) 1,2-Dichloropropane-d6	6.31	67	150181	42.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.28%
41) Toluene-d8	7.55	98	424151	40.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.86%
43) trans-1,3-Dichloropropene-	7.83	79	69248	39.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.40%
47) 2-Hexanone-d5	8.30	63	159283	89.26	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.26%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	224548	40.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.54%
64) 1,2-Dichlorobenzene-d4	11.84	152	165735	41.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.96%

Target Compounds

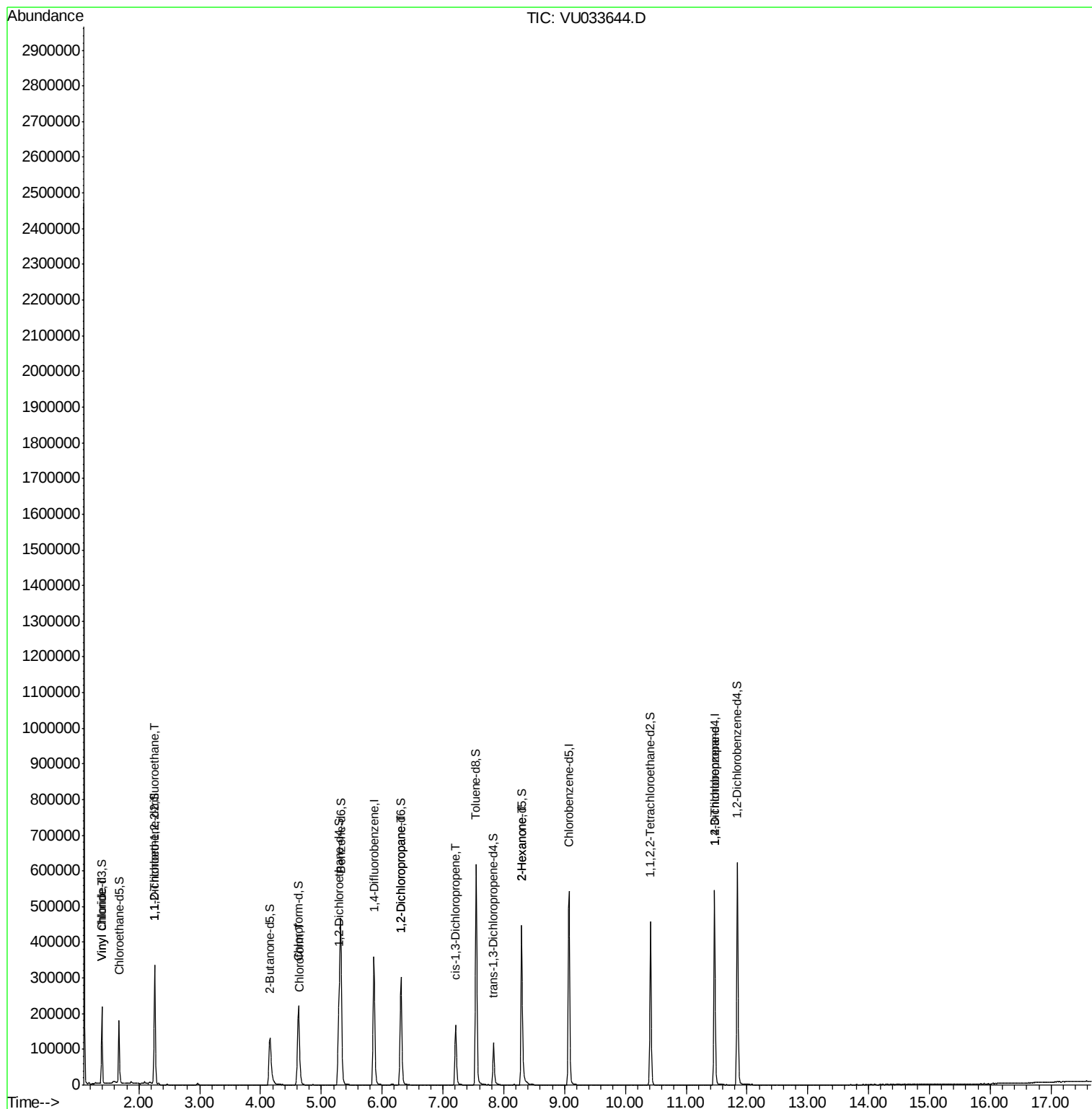
					Qvalue	
5) Vinyl chloride	1.40	62	3018	0.915	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.26	101	1712	0.760	ug/L #	19
25) Chloroform	4.65	83	14088	3.076	ug/L	97
37) 1,2-Dichloropropane	6.31	63	16454	6.416	ug/L #	88
39) cis-1,3-Dichloropropene	7.21	75	4487	1.175	ug/L #	79
48) 2-Hexanone	8.30	43	17944	5.850	ug/L #	71
59) 1,2,3-Trichloropropane	11.47	75	16553	4.727	ug/L #	88

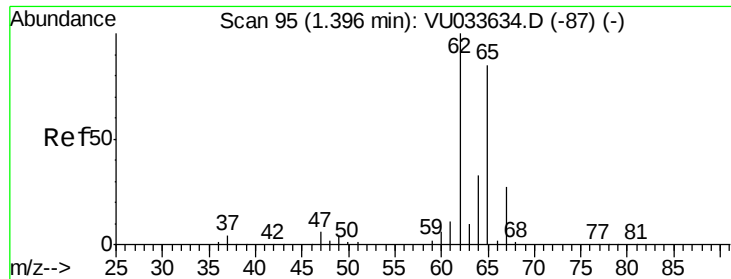
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.915 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU033644.D

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Instrument :

MSVOA_U

ClientSampleId :

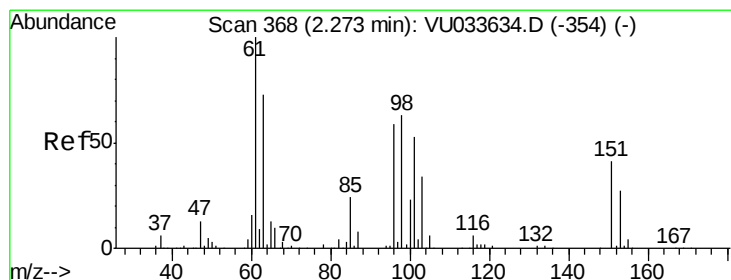
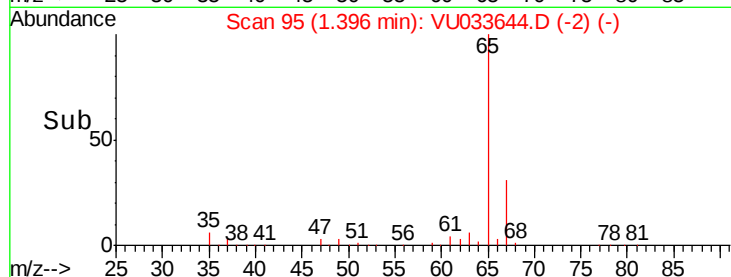
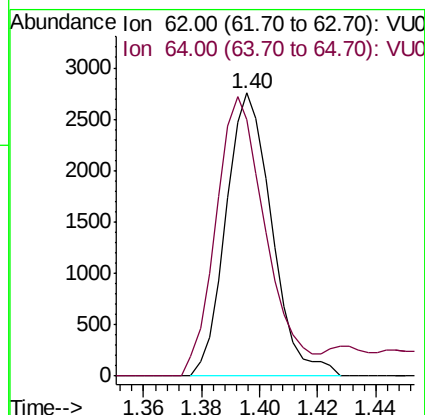
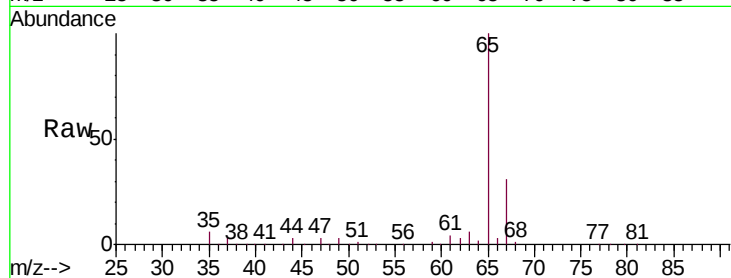
F2B24

Tgt Ion: 62 Resp: 3018

Ion Ratio Lower Upper

62 100

64 90.7 23.6 43.8#



#10

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

Concen: 0.760 ug/L

RT: 2.26 min Scan# 364

Delta R.T. -0.01 min

Lab File: VU033644.D

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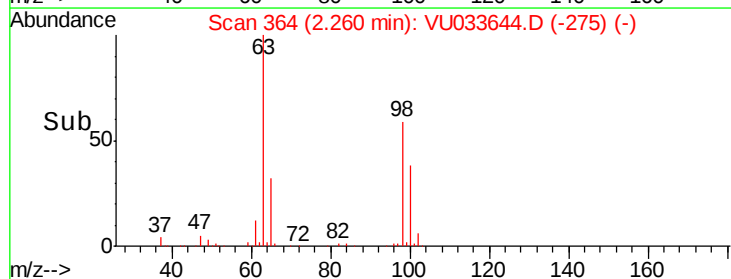
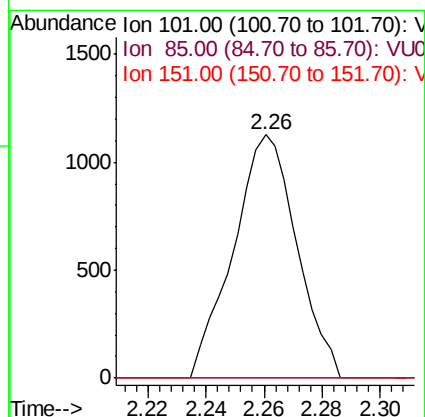
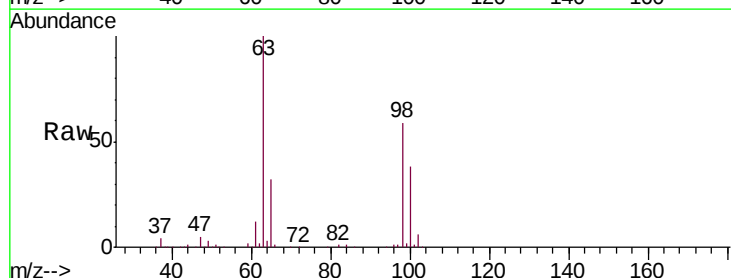
Tgt Ion: 101 Resp: 1712

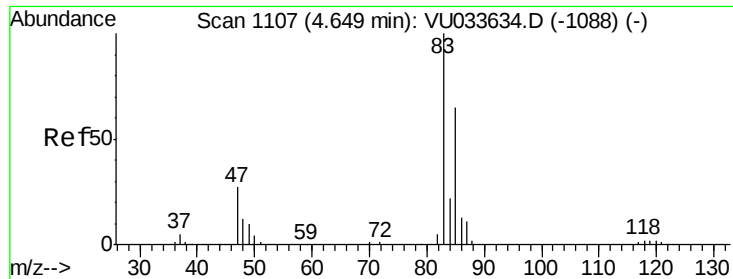
Ion Ratio Lower Upper

101 100

85 0.0 34.8 52.2#

151 0.0 60.4 90.6#

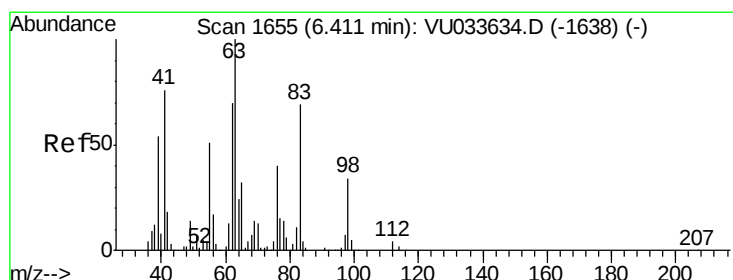
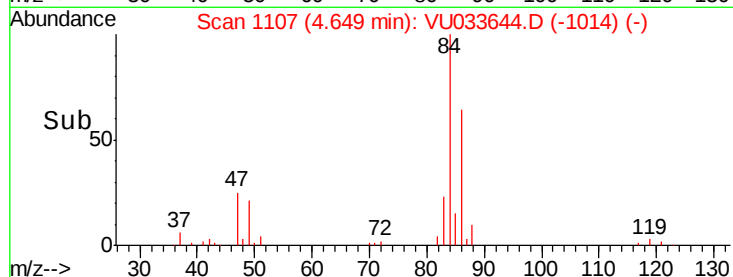
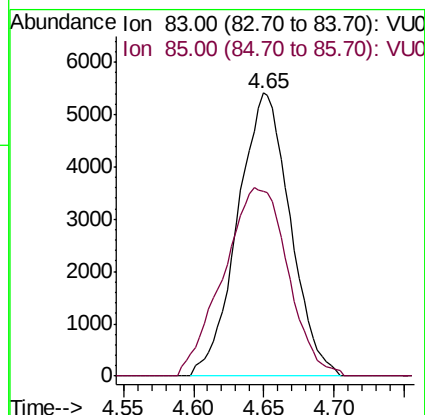
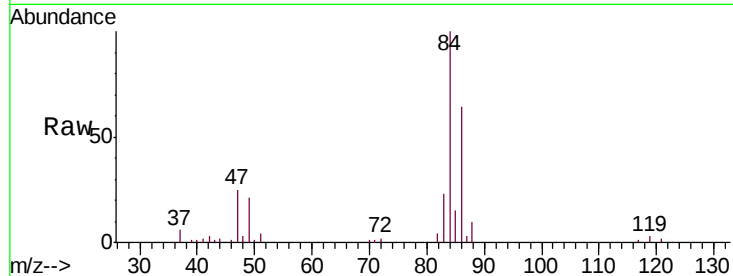




#25
Chloroform
Concen: 3.076 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VU033644.D
Acq: 08 Aug 2019 17:47

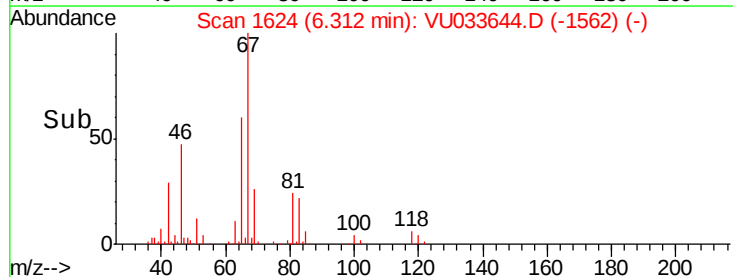
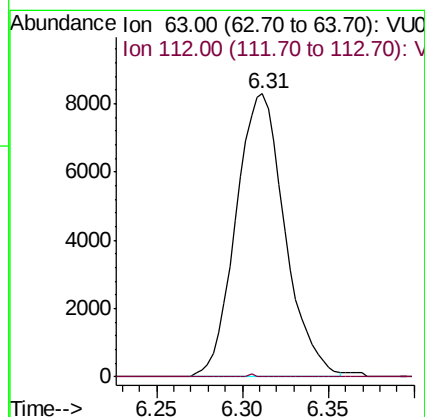
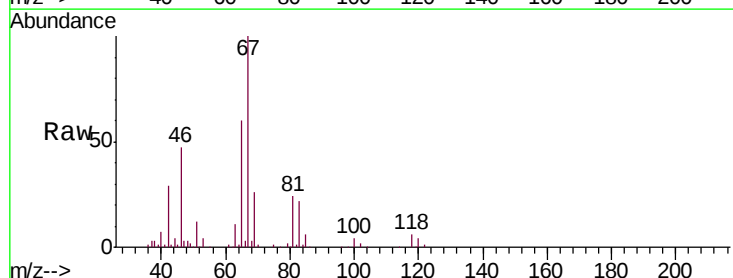
Instrument :
MSVOA_U
ClientSampled :
F2B24

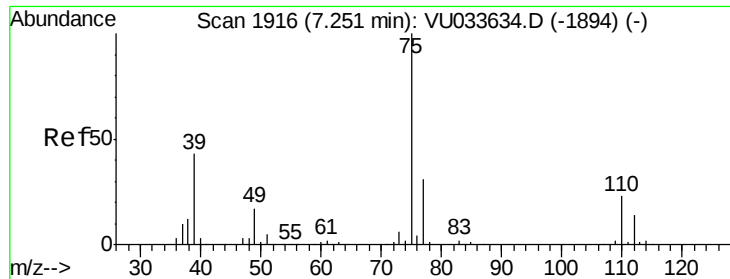
Tgt Ion: 83 Resp: 14088
Ion Ratio Lower Upper
83 100
85 65.2 47.2 87.6



#37
1,2-Dichloropropane
Concen: 6.416 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.10 min
Lab File: VU033644.D
Acq: 08 Aug 2019 17:47

Tgt Ion: 63 Resp: 16454
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.6#

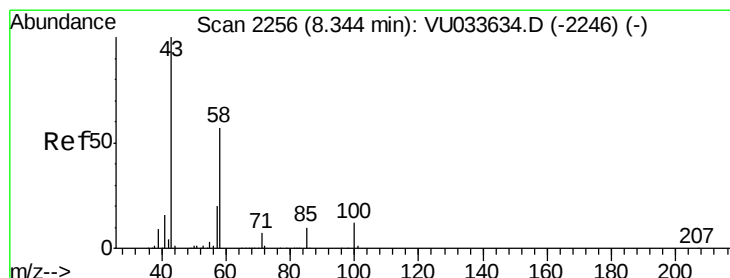
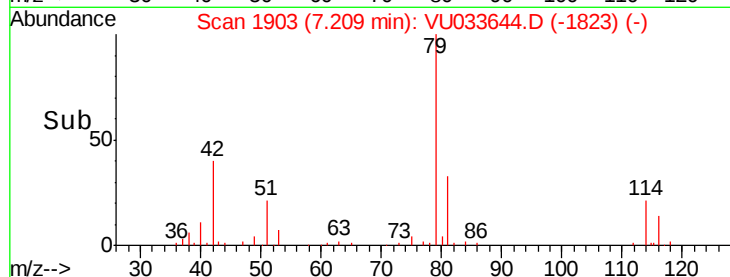
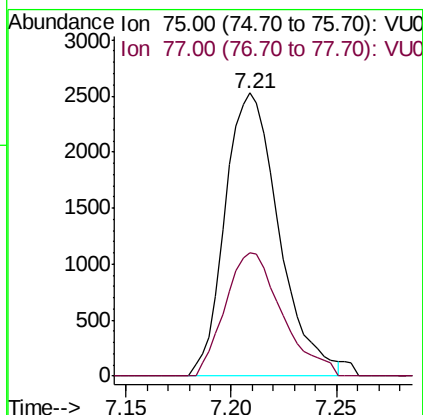
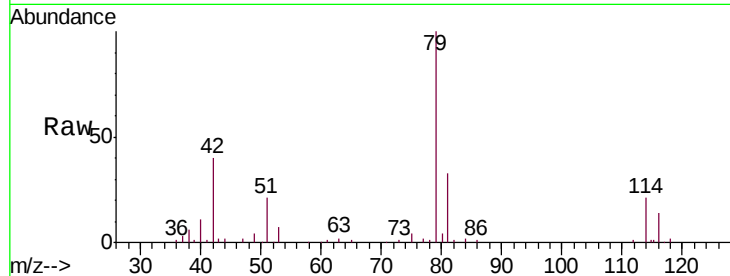




#39
 cis-1,3-Dichloropropene
 Concen: 1.175 ug/L
 RT: 7.21 min Scan# 1903
 Delta R.T. -0.04 min
 Lab File: VU033644.D
 Acq: 08 Aug 2019 17:47

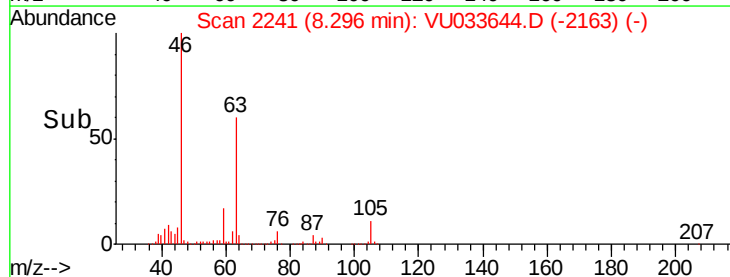
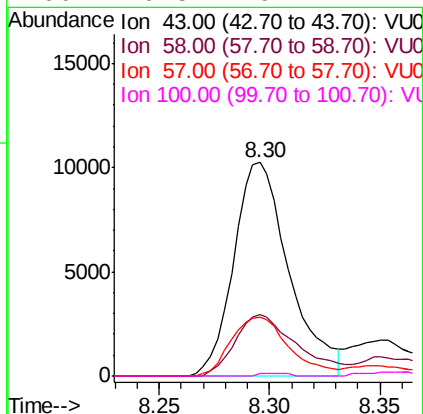
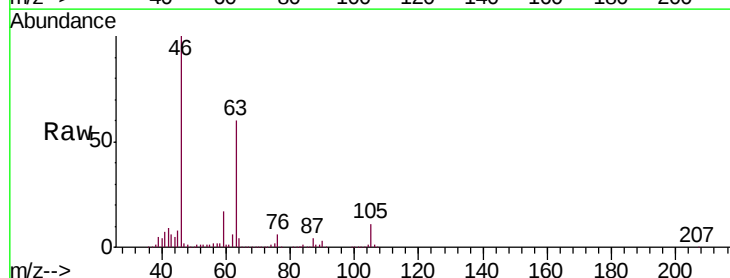
Instrument :
 MSVOA_U
 ClientSampleId :
 F2B24

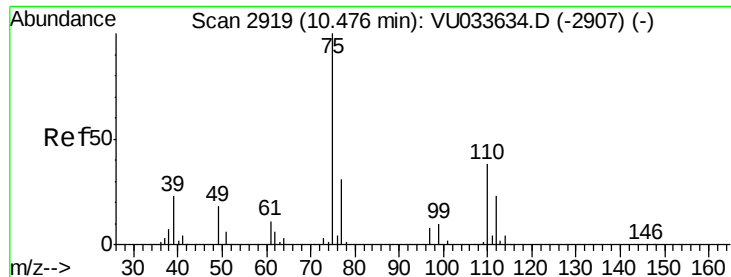
Tgt Ion: 75 Resp: 4487
 Ion Ratio Lower Upper
 75 100
 77 43.8 22.5 41.9#



#48
 2-Hexanone
 Concen: 5.850 ug/L
 RT: 8.30 min Scan# 2241
 Delta R.T. -0.05 min
 Lab File: VU033644.D
 Acq: 08 Aug 2019 17:47

Tgt Ion: 43 Resp: 17944
 Ion Ratio Lower Upper
 43 100
 58 32.8 44.8 67.2#
 57 28.8 15.5 23.3#
 100 0.5 9.4 14.2#





#59

1,2,3-Trichloropropane

Concen: 4.727 ug/L

RT: 11.47 min Scan# 3227

Delta R.T. 0.99 min

Lab File: VU033644.D

Acq: 08 Aug 2019 17:47

Instrument :

MSVOA_U

ClientSampleId :

F2B24

Tgt Ion: 75 Resp: 16553

Ion Ratio Lower Upper

75 100

77 38.5 25.5 38.3#

