

Data File : VU031664.D
Acq On : 01 May 2019 03:44
Operator : JC/SP
Sample : K2604-13 5X
Misc : 5.07g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAJ87

Quant Time: May 01 04:46:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 01 04:42:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	977894	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	930197	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	427953	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	300205	36.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.36%
7) Chloroethane-d5	1.68	69	223639	35.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.72%
11) 1,1-Dichloroethene-d2	2.26	63	463216	28.42	ug/L	-0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.84%#
21) 2-Butanone-d5	4.20	46	670421	90.41	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.41%
24) Chloroform-d	4.64	84	544513	36.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	72.66%
26) 1,2-Dichloroethane-d4	5.31	65	378850	38.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.38%
32) Benzene-d6	5.33	84	1132591	39.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.30%
36) 1,2-Dichloropropane-d6	6.32	67	395852	39.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	78.78%
41) Toluene-d8	7.56	98	972368	39.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.16%#
43) trans-1,3-Dichloropropene-	7.85	79	166794	38.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.32%
47) 2-Hexanone-d5	8.32	63	431918	99.30	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	524573	38.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	77.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	346945	38.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.10%#

Target Compounds

						Qvalue
27) 1,2-Dichloroethane	5.39	62	9256	0.712	ug/L #	75
33) Benzene	5.38	78	858626	25.106	ug/L	100
34) Trichloroethene	6.19	95	4044	0.488	ug/L	85
35) Methylcyclohexane	6.41	83	45576	3.668	ug/L	98
39) cis-1,3-Dichloropropene	7.22	75	8909	0.694	ug/L #	41
42) Toluene	7.63	91	3458484	101.519	ug/L	99
45) 1,1,2-Trichloroethane	8.04	97	22116	2.763	ug/L #	18
48) 2-Hexanone	8.32	43	109011	9.023	ug/L #	47
52) Ethylbenzene	9.25	91	4421162	125.110	ug/L	99
53) m,p-Xylene	9.37	106	985024	80.003	ug/L	99
54) o-xylene	9.78	106	440154	36.059	ug/L	97
55) Styrene	9.78	104	33699	1.616	ug/L #	1
56) Isopropylbenzene	10.16	105	243004	7.571	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.49	83	72822	5.127	ug/L #	33
69) Naphthalene	13.61	128	76623	2.675	ug/L #	1
70) 1,2,3-Trichlorobenzene	14.01	180	8371	0.875	ug/L #	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU043019\
Quantitation Report (Not Reviewed)

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Quant Title : VOC Analysis
QLast Update : Wed May 01 04:42:38 2019
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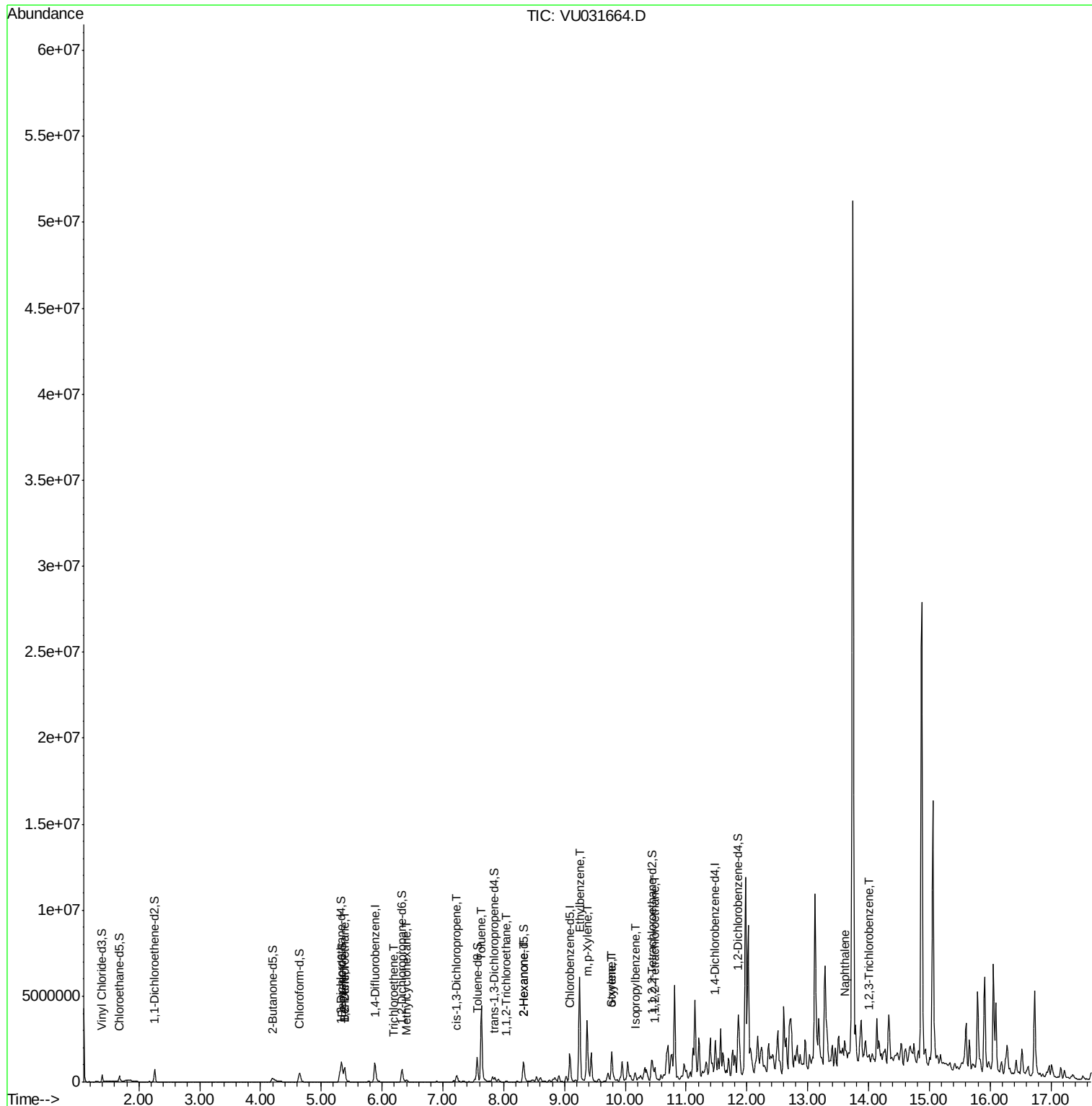
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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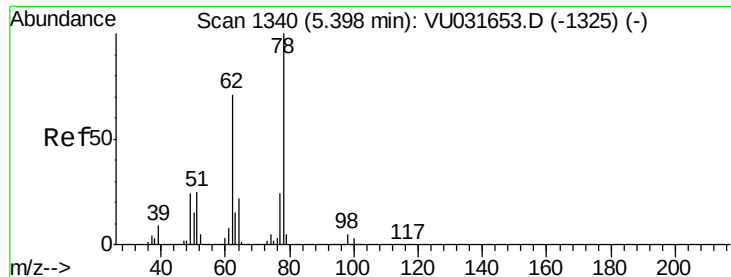
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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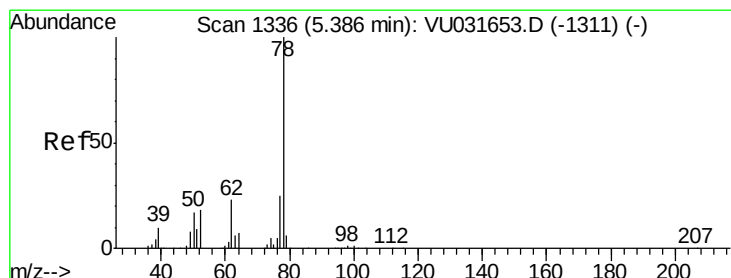
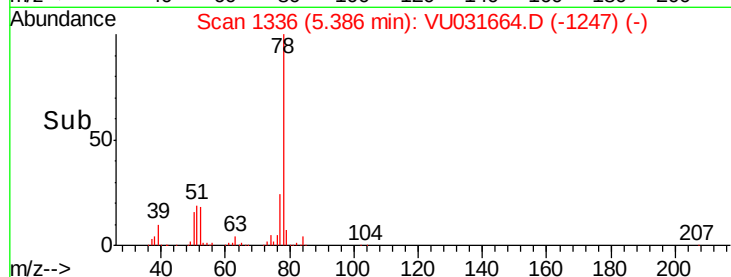
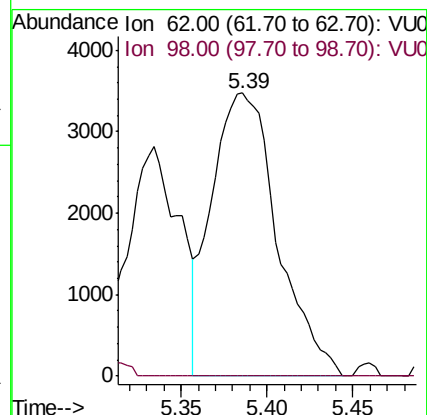
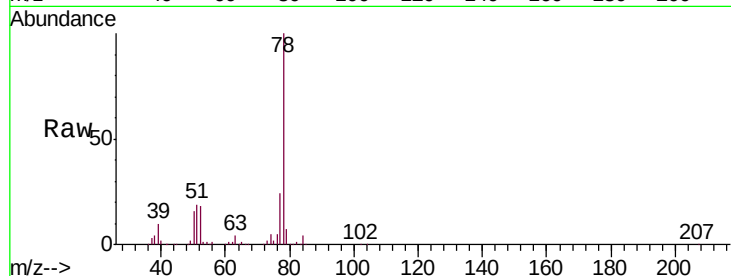




#27
 1,2-Dichloroethane
 Concen: 0.712 ug/L
 RT: 5.39 min Scan# 1336
 Delta R.T. -0.01 min
 Lab File: VU031664.D
 Acq: 01 May 2019 03:44

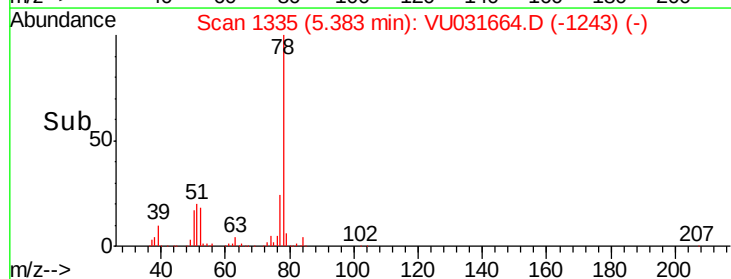
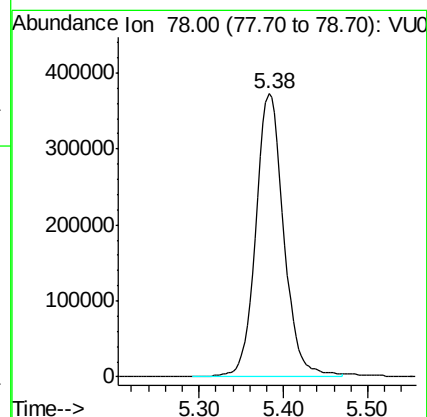
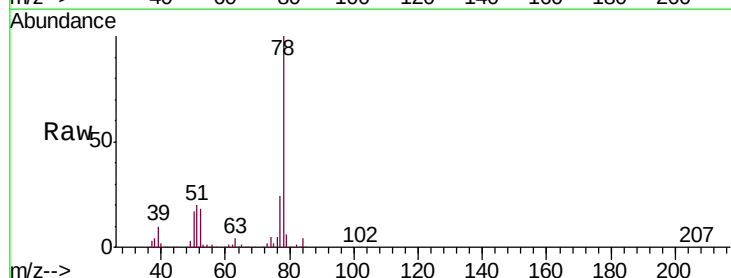
Instrument :
 MSVOA_U
 ClientSampleId :
 GAJ87

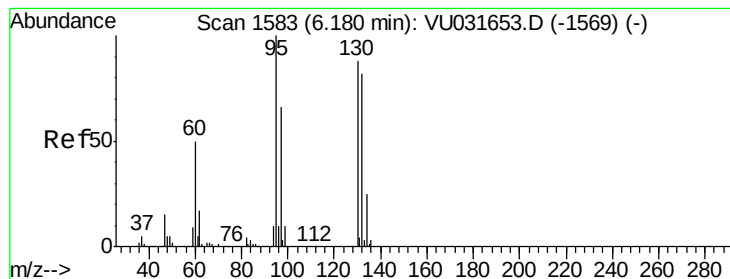
Tgt Ion: 62 Resp: 9256
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.1 10.7#



#33
 Benzene
 Concen: 25.106 ug/L
 RT: 5.38 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VU031664.D
 Acq: 01 May 2019 03:44

Tgt Ion: 78 Resp: 858626





#34

Trichloroethene

Concen: 0.488 ug/L

RT: 6.19 min Scan# 1587

Delta R.T. 0.01 min

Lab File: VU031664.D

Acq: 01 May 2019 03:44

Instrument :

MSVOA_U

ClientSampleId :

GAJ87

Tgt Ion: 95 Resp: 4044

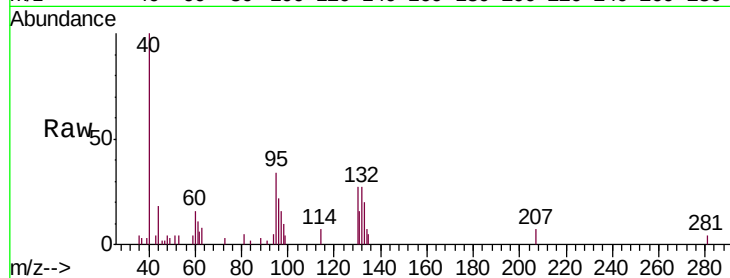
Ion Ratio Lower Upper

95 100

97 48.9 44.8 83.2

132 79.5 63.1 117.1

130 79.0 66.5 123.5

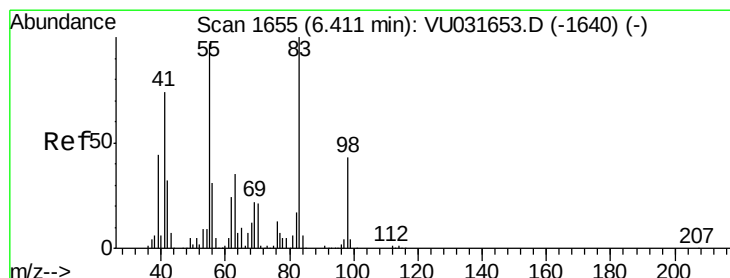
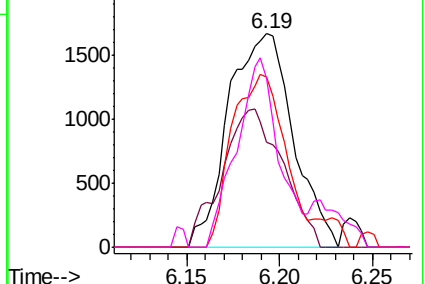
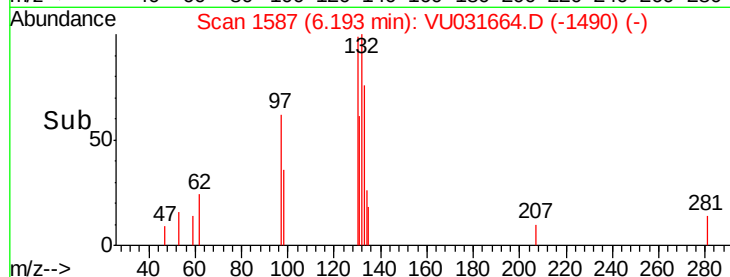


Abundance Ion 95.00 (94.70 to 95.70): VU031653.D (-1569) (-)

Ion 97.00 (96.70 to 97.70): VU031653.D (-1569) (-)

Ion 132.00 (131.70 to 132.70): VU031653.D (-1569) (-)

Ion 130.00 (129.70 to 130.70): VU031653.D (-1569) (-)



#35

Methylcyclohexane

Concen: 3.668 ug/L

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU031664.D

Acq: 01 May 2019 03:44

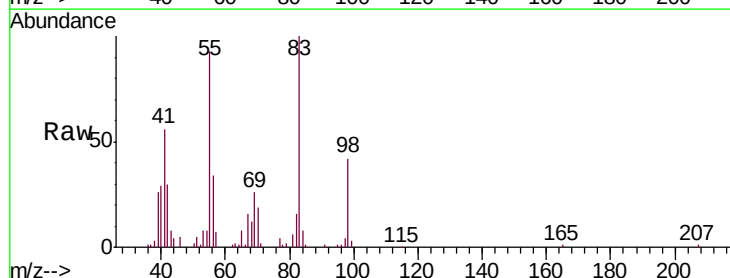
Tgt Ion: 83 Resp: 45576

Ion Ratio Lower Upper

83 100

55 90.7 73.0 109.4

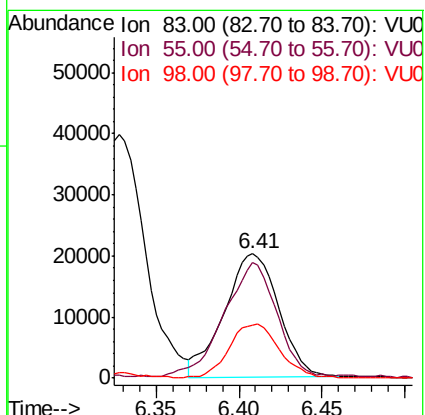
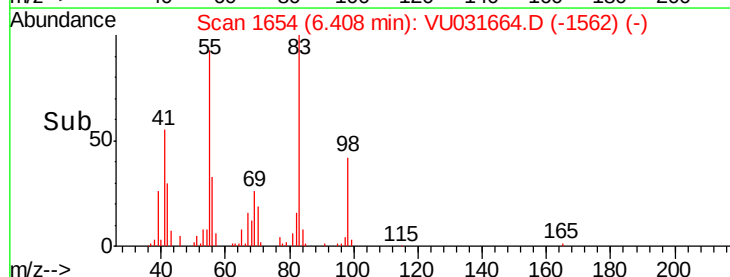
98 41.0 35.3 52.9

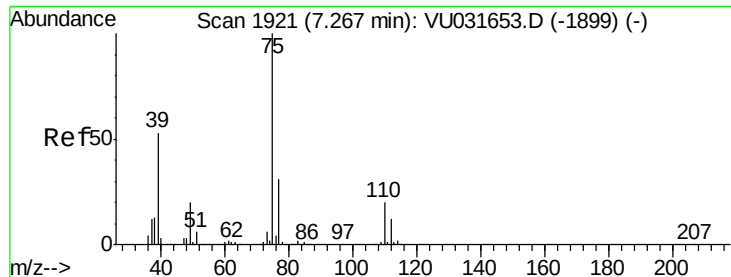


Abundance Ion 83.00 (82.70 to 83.70): VU031653.D (-1640) (-)

Ion 55.00 (54.70 to 55.70): VU031653.D (-1640) (-)

Ion 98.00 (97.70 to 98.70): VU031653.D (-1640) (-)





#39

cis-1,3-Dichloroprene

Concen: 0.694 ug/L

RT: 7.22 min Scan# 1908

Delta R.T. -0.04 min

Lab File: VU031664.D

Acq: 01 May 2019 03:44

Instrument :

MSVOA_U

ClientSampleId :

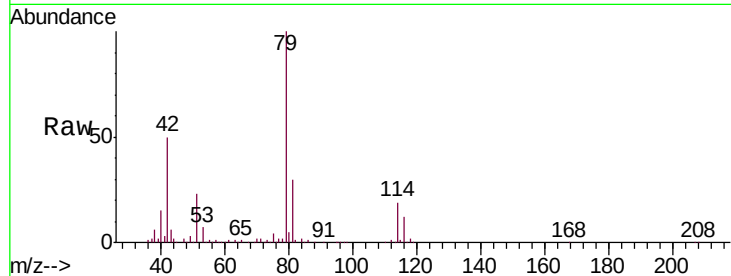
GAJ87

Tgt Ion: 75 Resp: 8909

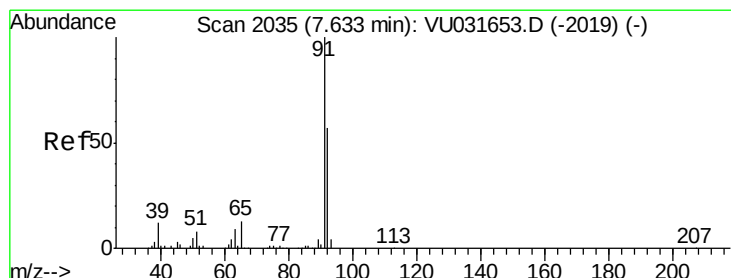
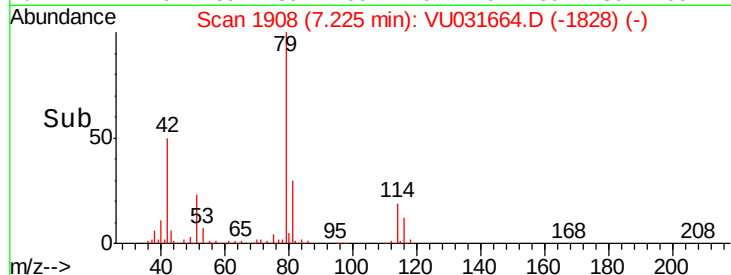
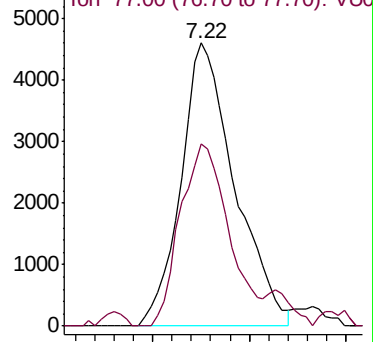
Ion Ratio Lower Upper

75 100

77 64.5 22.1 41.1#



Abundance Ion 75.00 (74.70 to 75.70): VU031653.D (-1899) (-)



#42

Toluene

Concen: 101.519 ug/L

RT: 7.63 min Scan# 2035

Delta R.T. 0.00 min

Lab File: VU031664.D

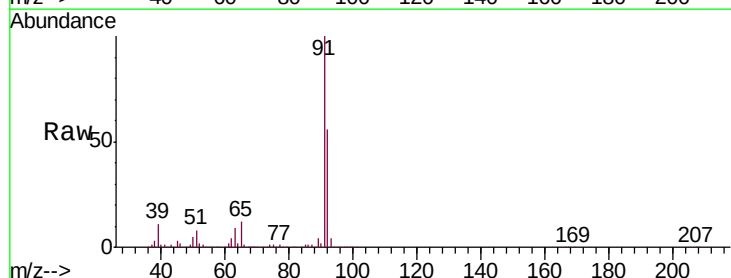
Acq: 01 May 2019 03:44

Tgt Ion: 91 Resp: 3458484

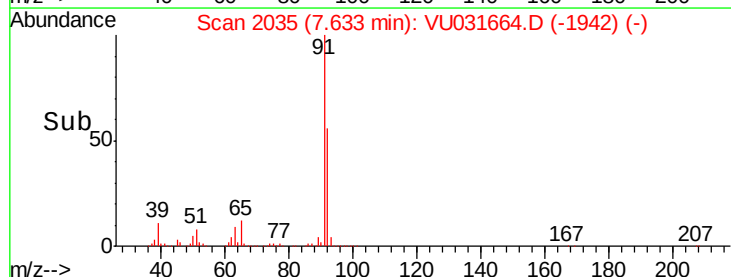
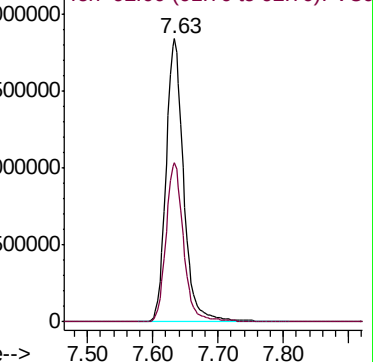
Ion Ratio Lower Upper

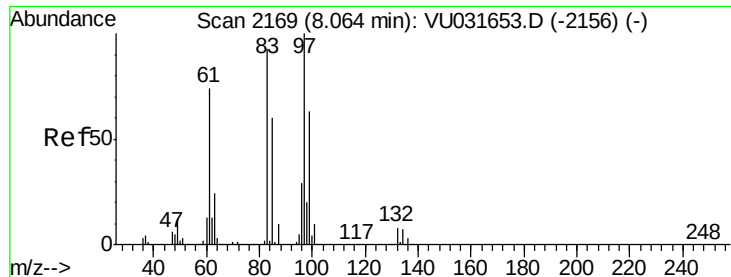
91 100

92 56.5 39.0 72.4



Abundance Ion 91.00 (90.70 to 91.70): VU031653.D (-2019) (-)

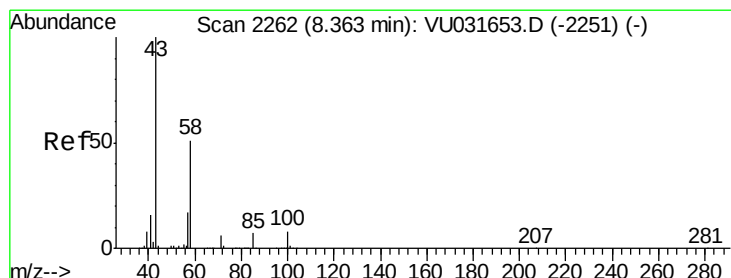
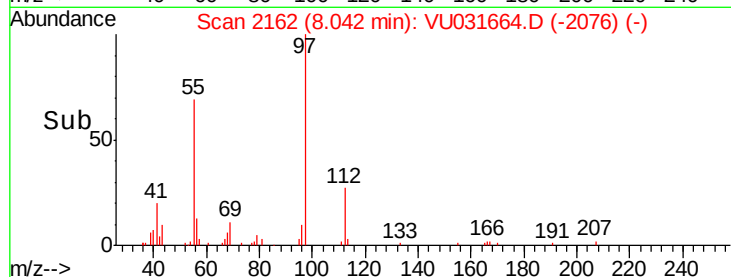
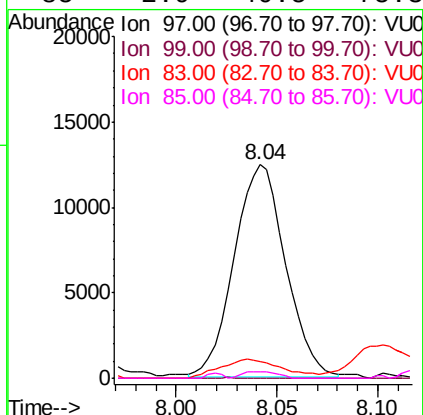
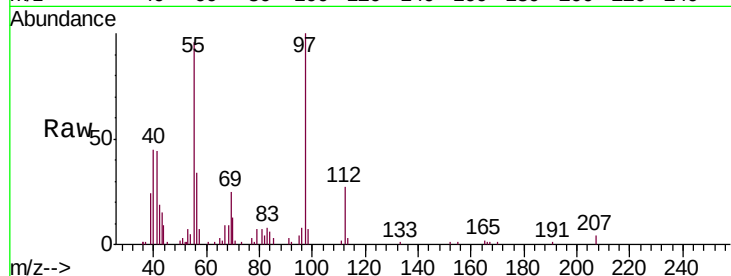




#45
 1,1,2-Trichloroethane
 Concen: 2.763 ug/L
 RT: 8.04 min Scan# 2162
 Delta R.T. -0.02 min
 Lab File: VU031664.D
 Acq: 01 May 2019 03:44

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Tgt Ion:	97	Resp:	22116
Ion	Ratio	Lower	Upper
97	100		
99	0.0	43.0	80.0#
83	8.0	63.6	118.2#
85	2.9	40.5	75.3#



#48
 2-Hexanone
 Concen: 9.023 ug/L
 RT: 8.32 min Scan# 2250
 Delta R.T. -0.04 min
 Lab File: VU031664.D
 Acq: 01 May 2019 03:44

Tgt Ion:	43	Resp:	109011
Ion	Ratio	Lower	Upper
43	100		
58	15.5	42.1	63.1#
57	49.2	14.6	22.0#
100	0.1	7.2	10.8#

