

Data File : VU035340.D
Acq On : 21 Oct 2019 23:24
Operator : JC/SP
Sample : K5421-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AC3

Quant Time: Oct 22 06:44:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 22 06:40:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	282466	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	277545	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	99707	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	76598	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.94	69	77438	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.59	63	111347	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.71	46	248287	50.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.32%
24) Chloroform-d	5.12	84	159298	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.75	65	90381	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.77	84	321439	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.74	67	107121	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.94	98	283129	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	8.22	79	40790	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.69	63	194849	45.18	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.36%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	91897	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	92425	5.09	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.80%

Target Compounds

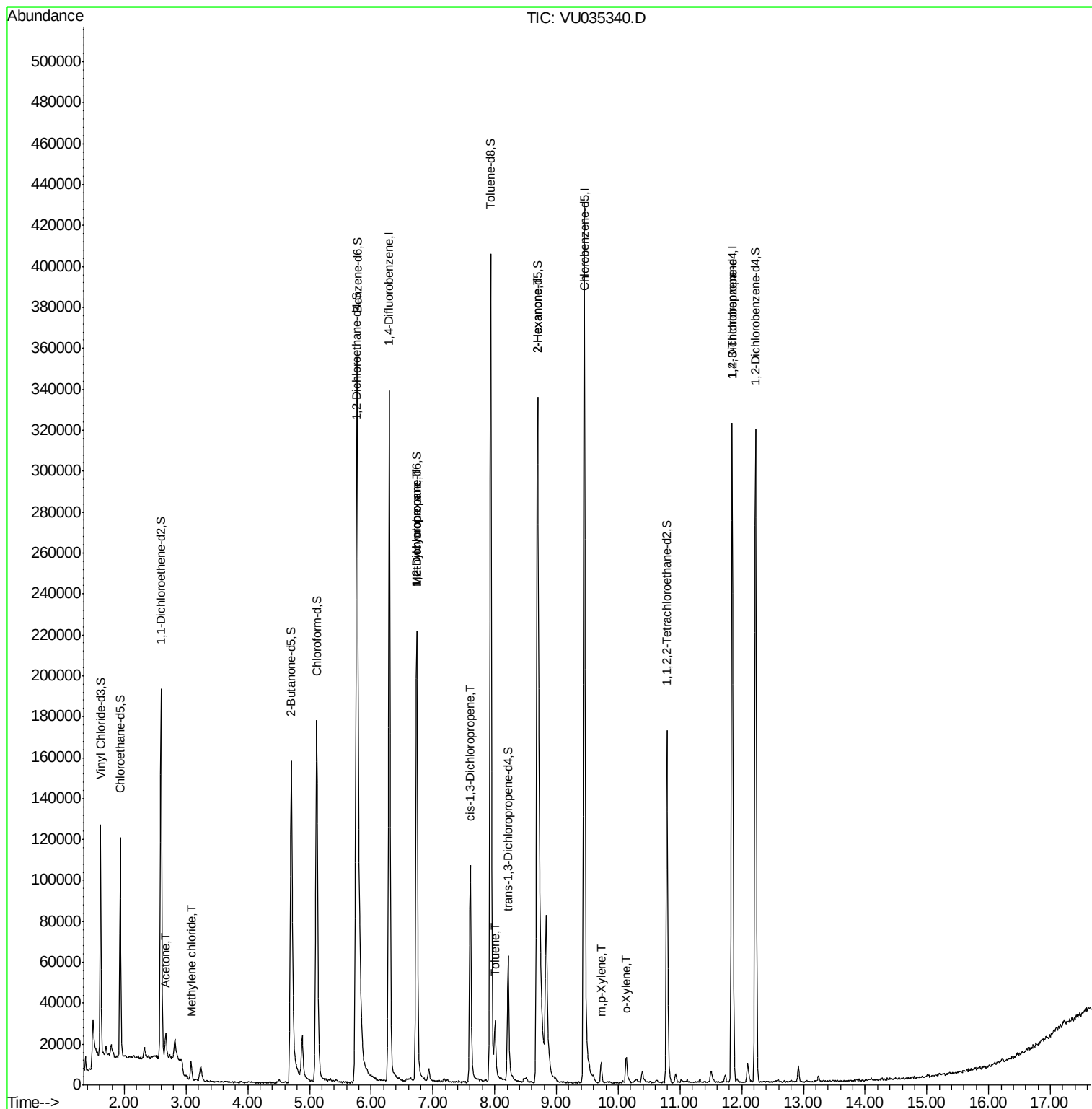
					Qvalue
13) Acetone	2.67	43	14492	4.209	ug/L 99
16) Methylene chloride	3.09	84	3918	0.179	ug/L 85
35) Methylcyclohexane	6.74	83	25200	0.687	ug/L # 19
37) 1,2-Dichloropropane	6.74	63	12207	0.589	ug/L # 87
39) cis-1,3-Dichloropropene	7.60	75	2761	0.080	ug/L # 62
42) Toluene	8.01	91	18297	0.203	ug/L 98
48) 2-Hexanone	8.69	43	19003	1.936	ug/L # 64
53) m,p-Xylene	9.73	106	3275	0.085	ug/L 85
54) o-Xylene	10.13	106	2281	0.060	ug/L 94
59) 1,2,3-Trichloropropane	11.84	75	11806	0.817	ug/L 92

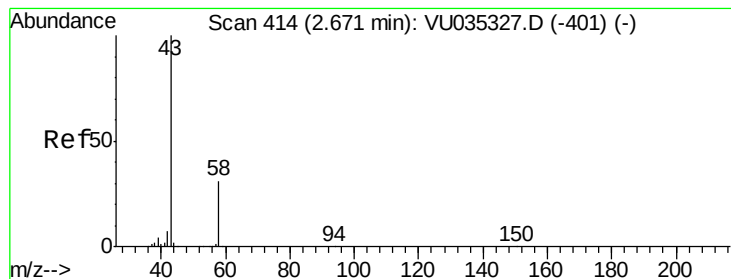
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.209 ug/L

RT: 2.67 min Scan# 414

Delta R.T. 0.00 min

Lab File: VU035340.D

Acq: 21 Oct 2019 23:24

Instrument :

MSVOA_U

ClientSampleId :

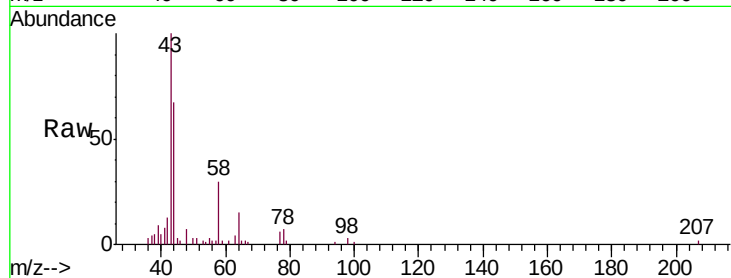
C0AC3

Tgt Ion: 43 Resp: 14492

Ion Ratio Lower Upper

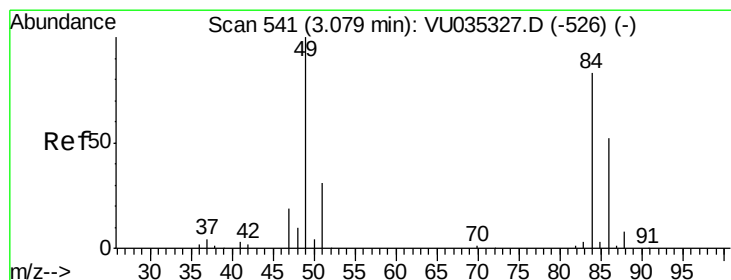
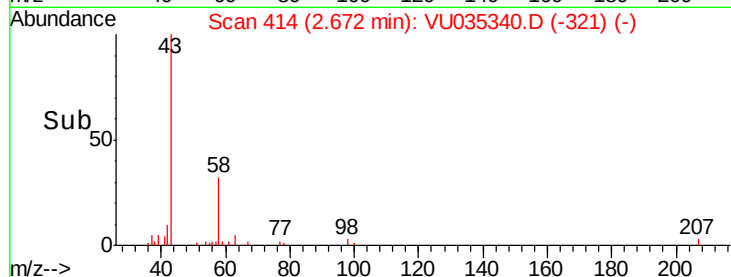
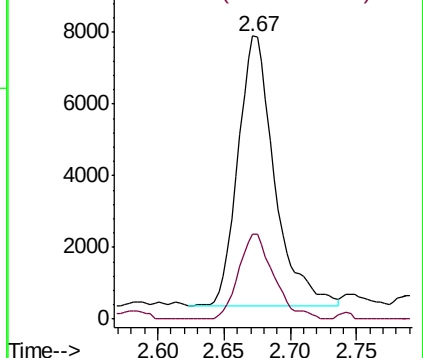
43 100

58 30.3 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035327.D (-401) (-)

Ion 58.05 (57.75 to 58.75): VU035327.D (-401) (-)



#16

Methylene chloride

Concen: 0.179 ug/L

RT: 3.09 min Scan# 543

Delta R.T. 0.01 min

Lab File: VU035340.D

Acq: 21 Oct 2019 23:24

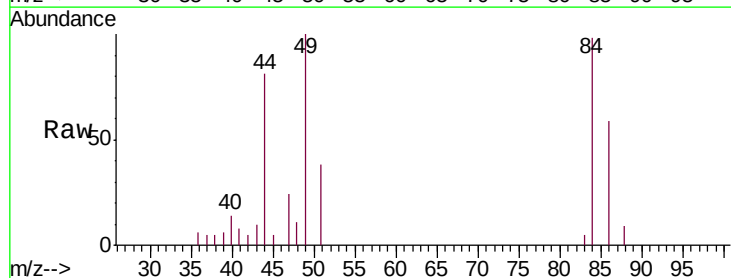
Tgt Ion: 84 Resp: 3918

Ion Ratio Lower Upper

84 100

86 60.2 45.4 84.2

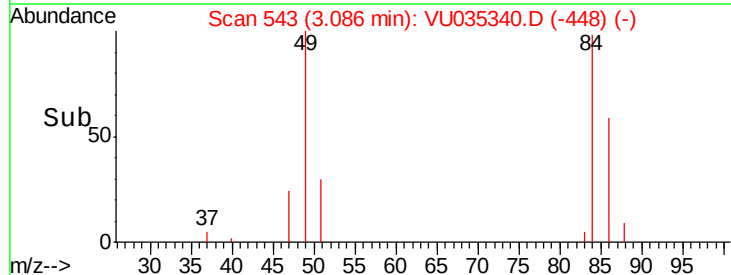
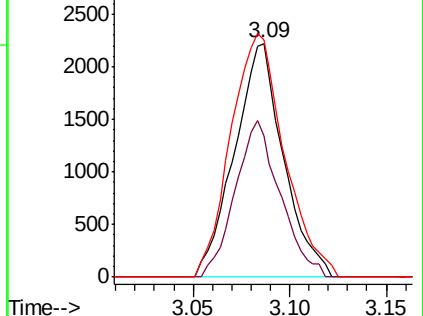
49 101.7 86.8 161.2

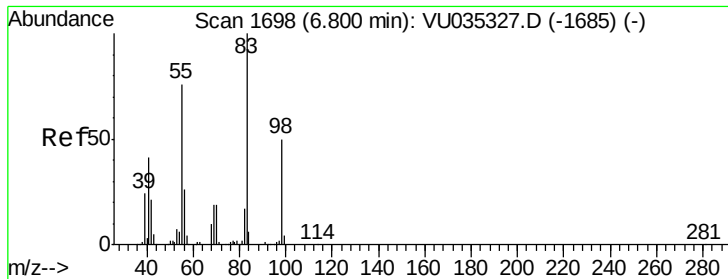


Abundance Ion 84.05 (83.75 to 84.75): VU035327.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU035327.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU035327.D (-526) (-)

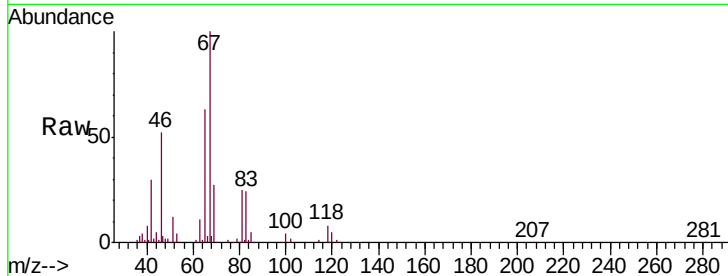




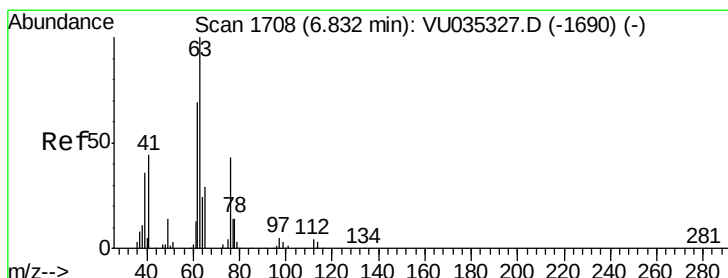
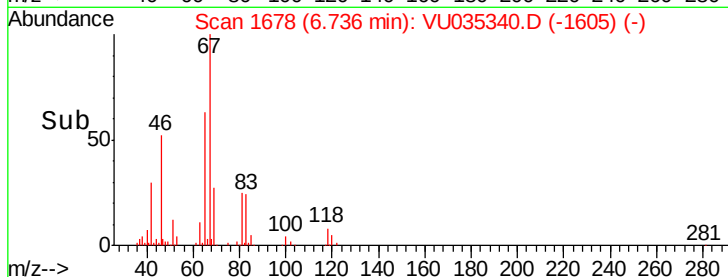
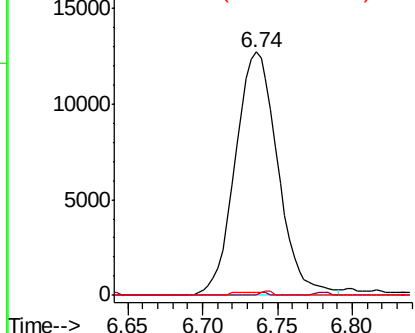
#35
Methylcyclohexane
Concen: 0.687 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035340.D
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Instrument :
MSVOA_U
ClientSampleId :
C0AC3

Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	60.4	90.6#
98	1.2	39.5	59.3#

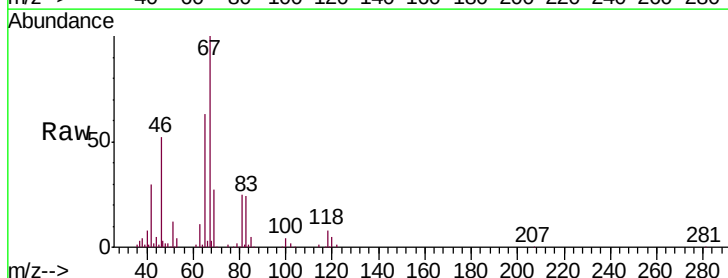


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

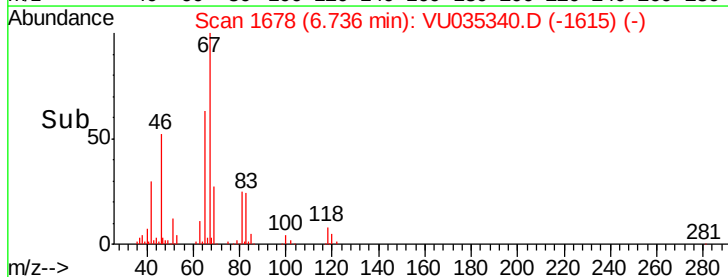
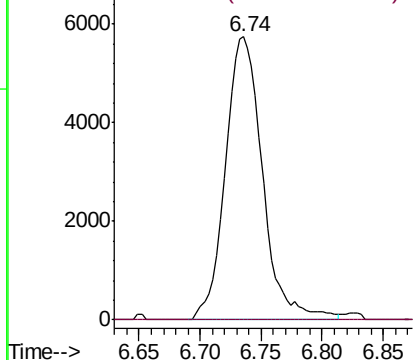


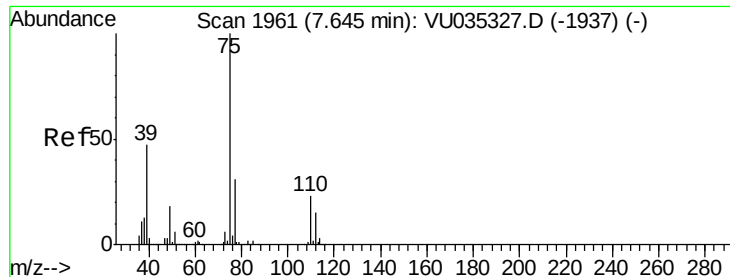
#37
1,2-Dichloropropane
Concen: 0.589 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035340.D
Acq: 21 Oct 2019 23:24

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.7	5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

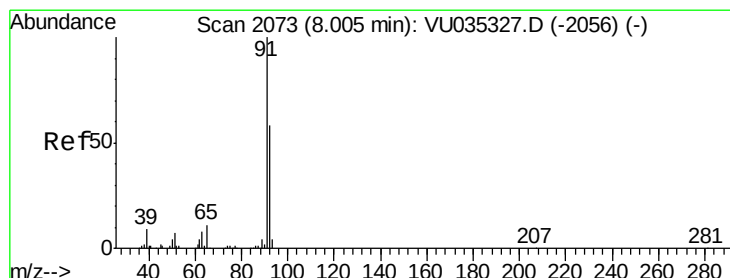
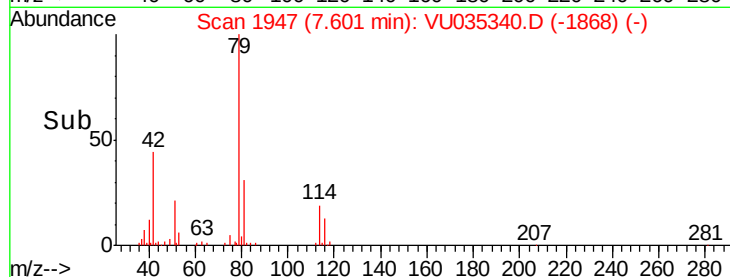
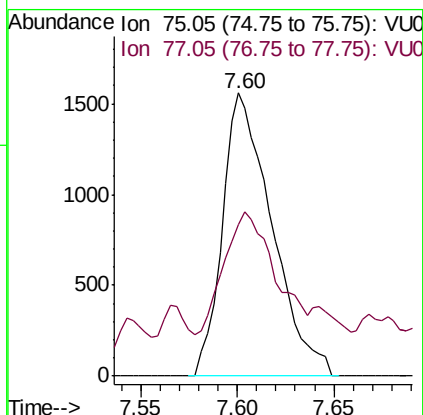
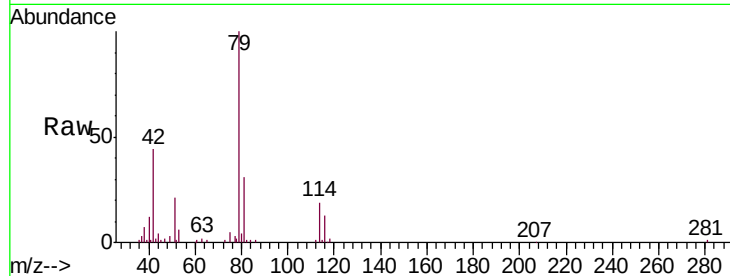




#39
 cis-1,3-Dichloropropene
 Concen: 0.080 ug/L
 RT: 7.60 min Scan# 1947
 Delta R.T. -0.04 min
 Lab File: VU035340.D
 Acq: 21 Oct 2019 23:24

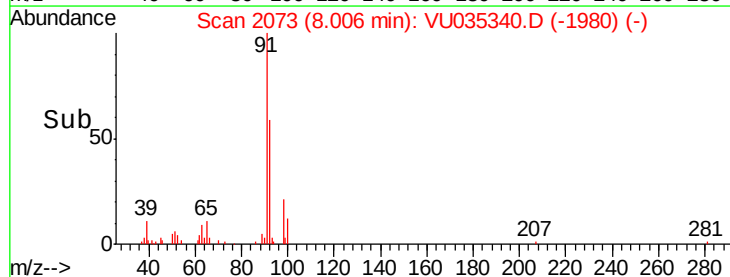
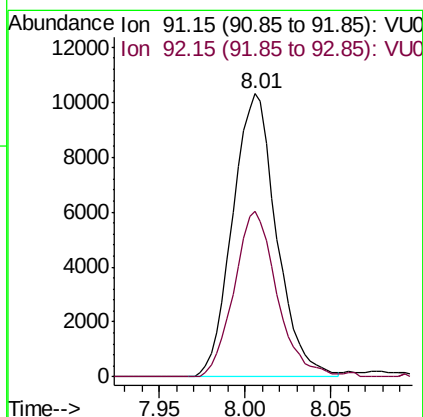
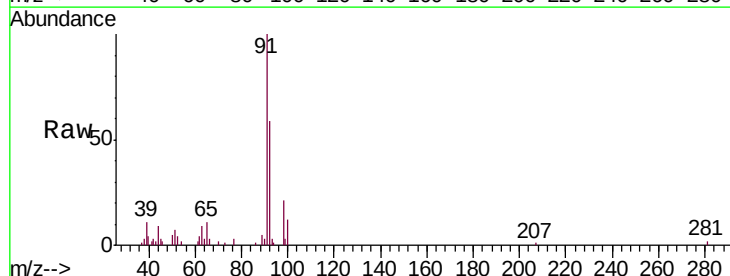
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AC3

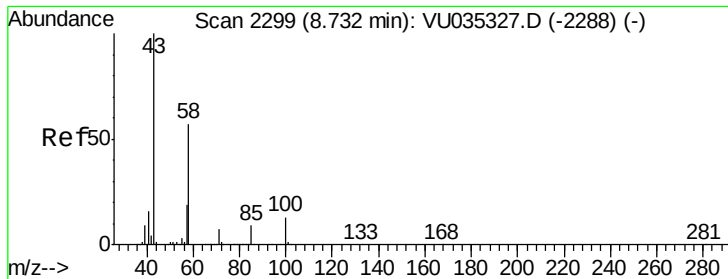
Tgt Ion: 75 Resp: 2761
 Ion Ratio Lower Upper
 75 100
 77 53.7 22.7 42.1#



#42
 Toluene
 Concen: 0.203 ug/L
 RT: 8.01 min Scan# 2073
 Delta R.T. 0.00 min
 Lab File: VU035340.D
 Acq: 21 Oct 2019 23:24

Tgt Ion: 91 Resp: 18297
 Ion Ratio Lower Upper
 91 100
 92 58.6 39.9 74.1

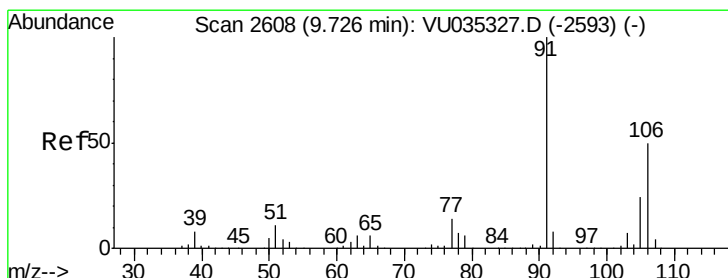
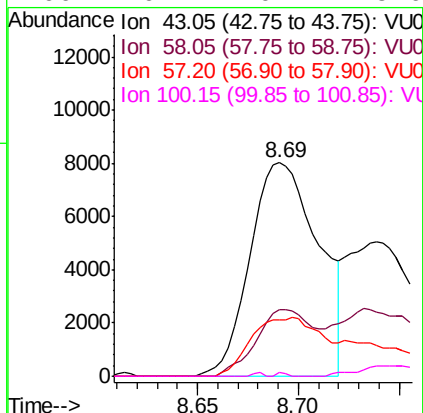
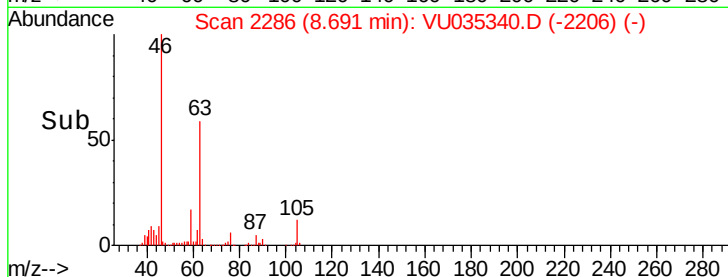
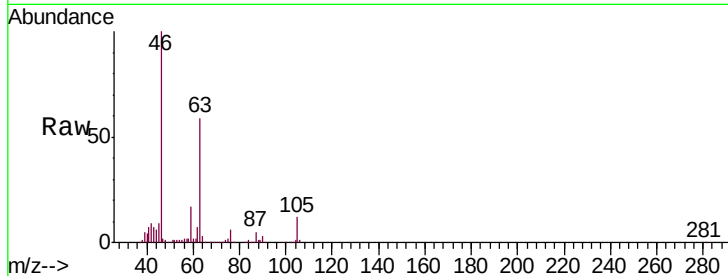




#48
2-Hexanone
Concen: 1.936 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.04 min
Lab File: VU035340.D
Acq: 21 Oct 2019 23:24

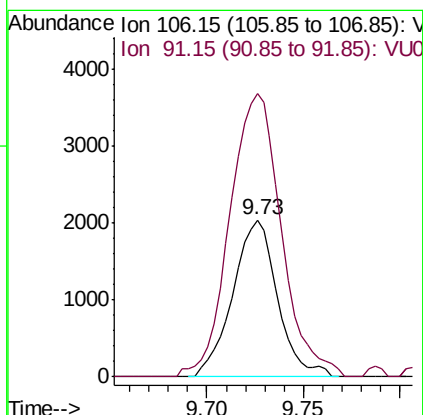
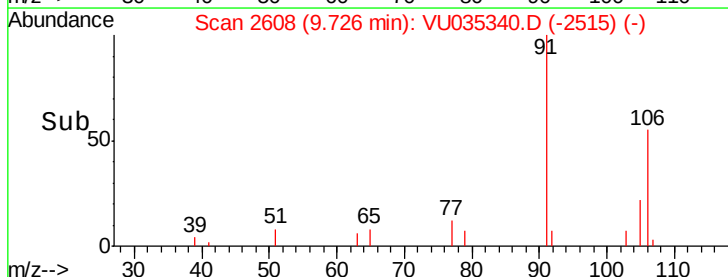
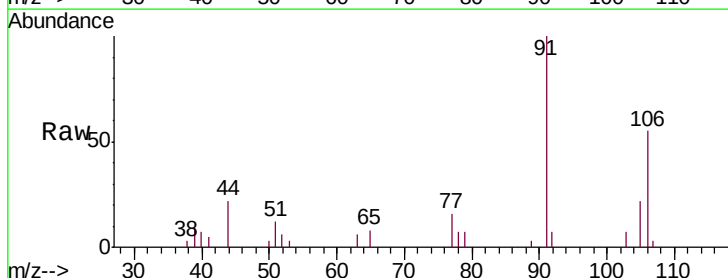
Instrument :
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ClientSampleId :
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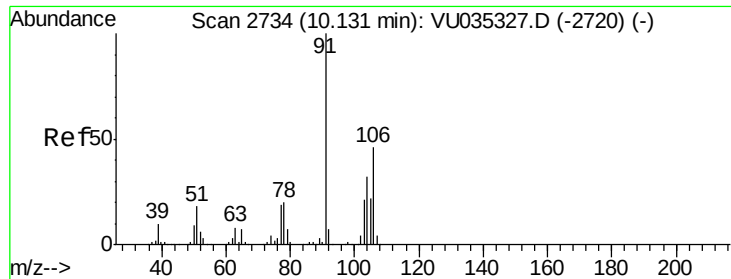
Tgt Ion: 43 Resp: 19003
Ion Ratio Lower Upper
43 100
58 25.2 45.1 67.7#
57 28.8 16.0 24.0#
100 0.2 10.4 15.6#



#53
m,p-Xylene
Concen: 0.085 ug/L
RT: 9.73 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VU035340.D
Acq: 21 Oct 2019 23:24

Tgt Ion: 106 Resp: 3275
Ion Ratio Lower Upper
106 100
91 180.4 142.0 263.6

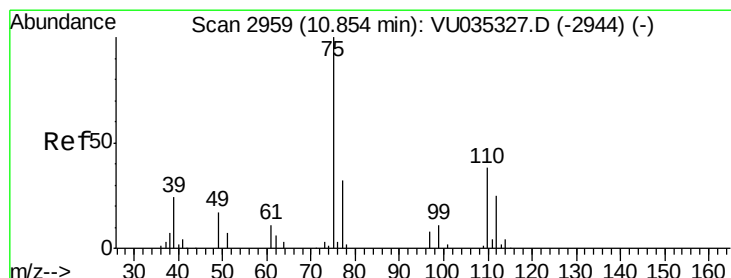
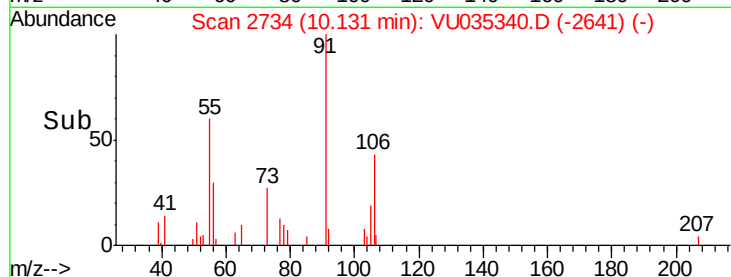
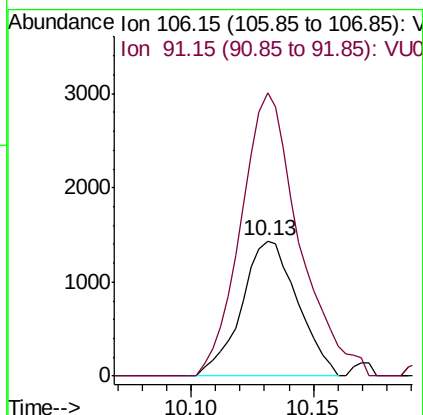
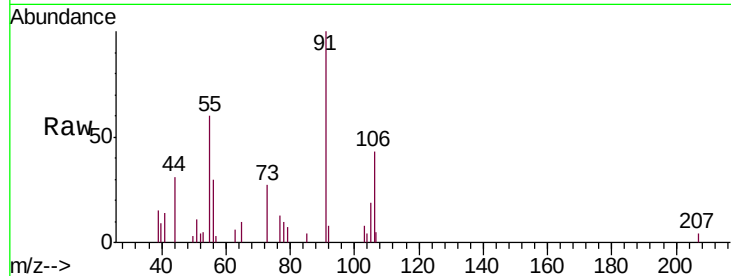




#54
o-Xylene
Concen: 0.060 ug/L
RT: 10.13 min Scan# 2734
Delta R.T. 0.00 min
Lab File: VU035340.D
Acq: 21 Oct 2019 23:24

Instrument :
MSVOA_U
ClientSampleId :
C0AC3

Tgt Ion: 106 Resp: 2281
Ion Ratio Lower Upper
106 100
91 209.8 153.2 284.6



#59
1,2,3-Trichloropropane
Concen: 0.817 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035340.D
Acq: 21 Oct 2019 23:24

Tgt Ion: 75 Resp: 11806
Ion Ratio Lower Upper
75 100
77 37.4 26.2 39.2

