

Data File : VU035334.D
Acq On : 21 Oct 2019 20:56
Operator : JC/SP
Sample : K5421-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA6

Quant Time: Oct 22 06:43:53 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	306451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	304430	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	112983	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	81760	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.93	69	80558	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.59	63	120763	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	4.71	46	261038	48.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.22%
24) Chloroform-d	5.11	84	172585	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.75	65	92827	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.77	84	335729	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.74	67	111496	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.93	98	303989	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	8.22	79	43423	4.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.00%
46) 2-Hexanone-d5	8.69	63	212120	44.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.68%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	94479	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	12.22	152	101186	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

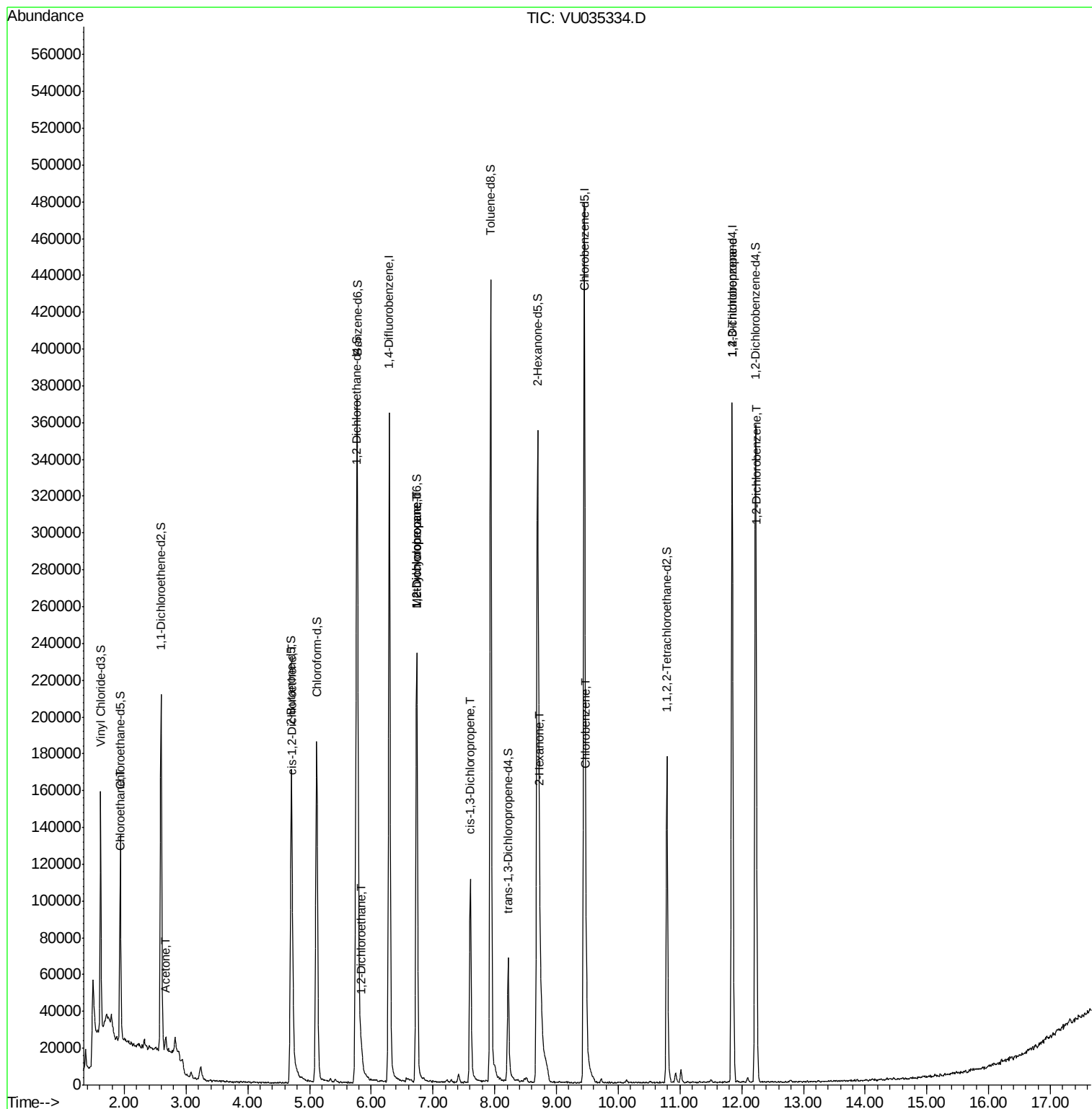
					Qvalue
8) Chloroethane	1.95	64	1748	0.102 ug/L #	50
13) Acetone	2.67	43	9072	2.429 ug/L	100
22) cis-1,2-Dichloroethene	4.73	96	4666	0.199 ug/L	90
27) 1,2-Dichloroethane	5.84	62	4440	0.172 ug/L	100
35) Methylcyclohexane	6.74	83	25862	0.643 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	12689	0.558 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2750	0.072 ug/L #	46
48) 2-Hexanone	8.73	43	13518	1.256 ug/L #	78
51) Chlorobenzene	9.48	112	26953	0.422 ug/L	97
59) 1,2,3-Trichloropropane	11.84	75	14451	0.912 ug/L	96
65) 1,2-Dichlorobenzene	12.24	146	19422	0.536 ug/L	97

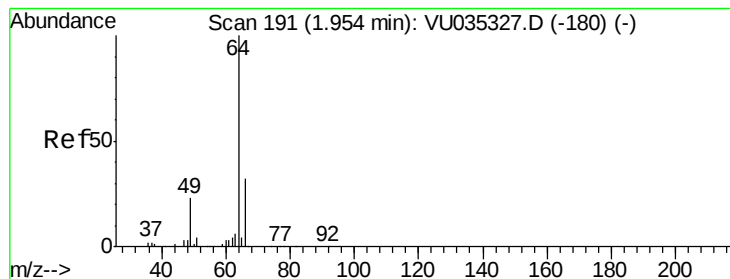
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.102 ug/L

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU035334.D

Acq: 21 Oct 2019 20:56

Instrument :

MSVOA_U

ClientSampleId :

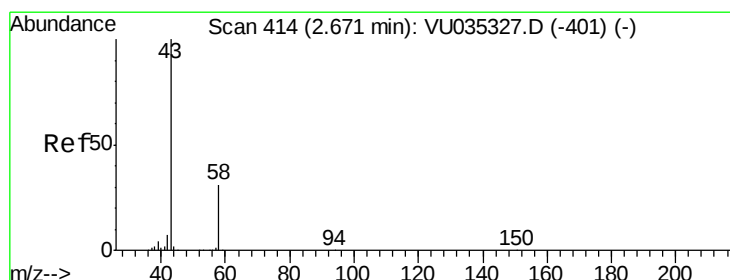
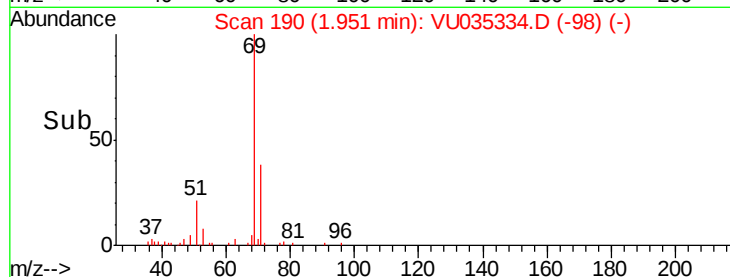
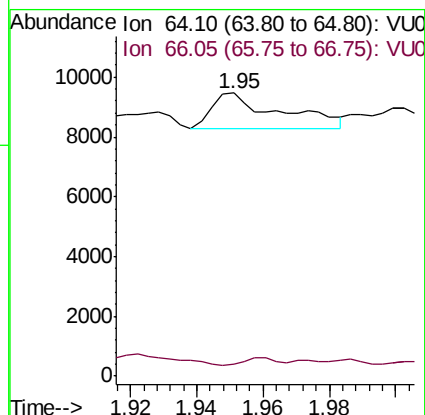
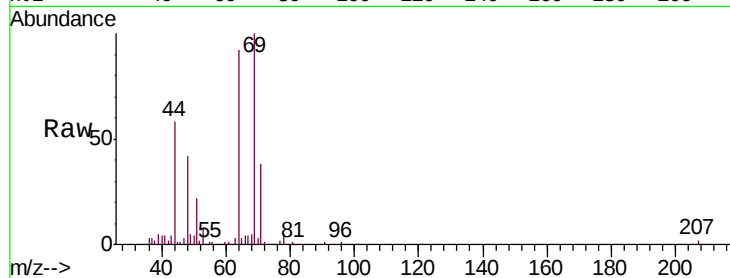
C0AA6

Tgt Ion: 64 Resp: 1748

Ion Ratio Lower Upper

64 100

66 4.3 22.7 42.1#



#13

Acetone

Concen: 2.429 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU035334.D

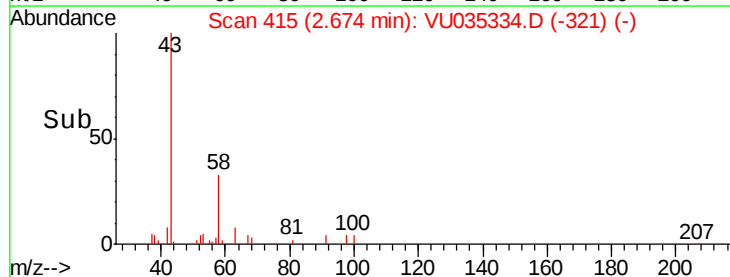
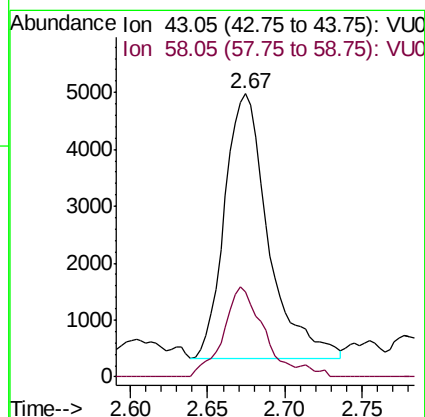
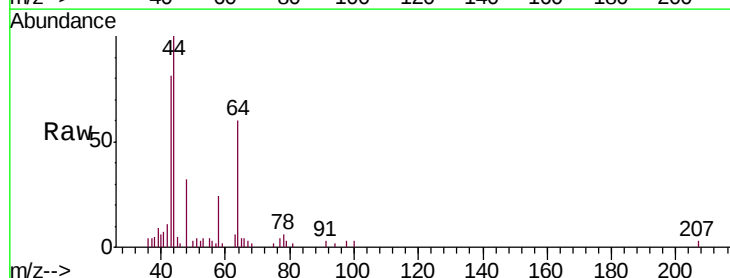
Acq: 21 Oct 2019 20:56

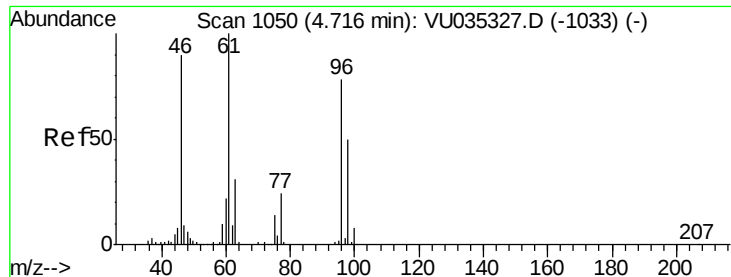
Tgt Ion: 43 Resp: 9072

Ion Ratio Lower Upper

43 100

58 31.0 0.0 61.8





#22

cis-1,2-Dichloroethene

Concen: 0.199 ug/L

RT: 4.73 min Scan# 1053

Delta R.T. 0.01 min

Lab File: VU035334.D

Acq: 21 Oct 2019 20:56

Instrument :

MSVOA_U

ClientSampleId :

C0AA6

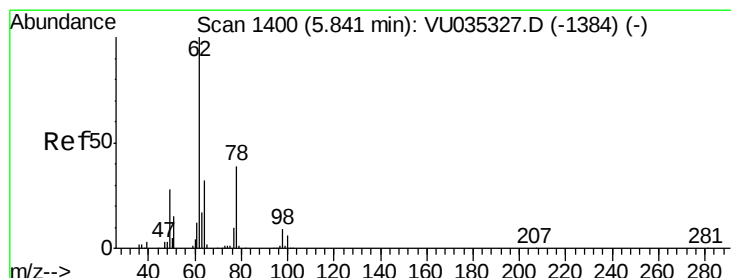
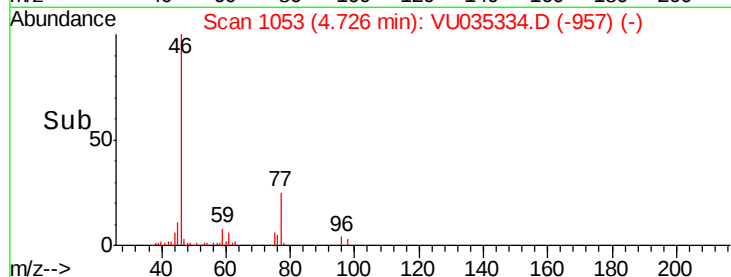
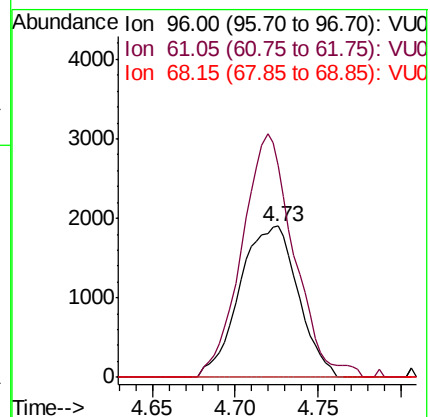
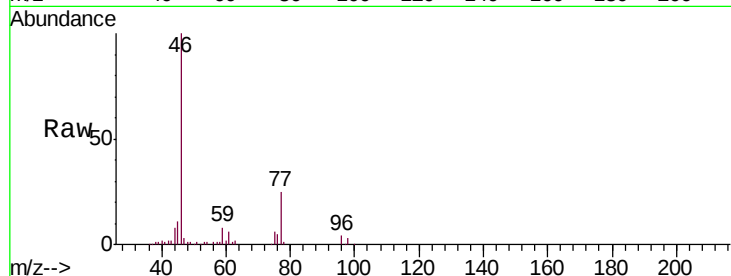
Tgt Ion: 96 Resp: 4666

Ion Ratio Lower Upper

96 100

61 139.7 89.7 166.5

68 0.0 0.0 0.0



#27

1,2-Dichloroethane

Concen: 0.172 ug/L

RT: 5.84 min Scan# 1401

Delta R.T. 0.00 min

Lab File: VU035334.D

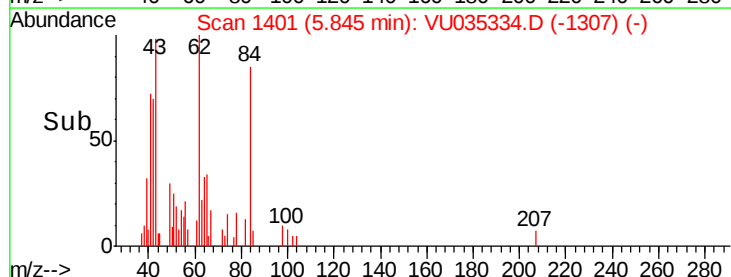
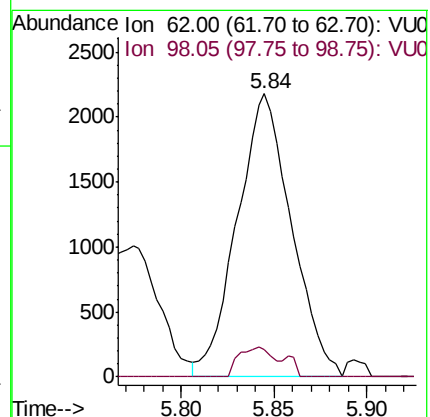
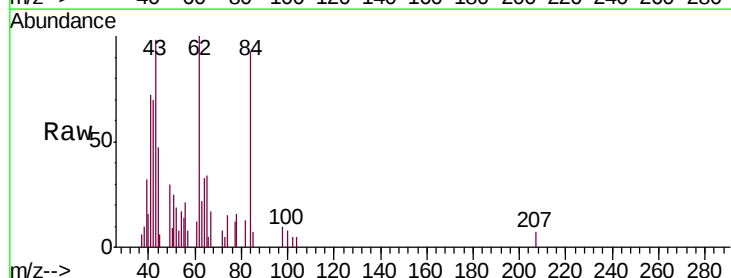
Acq: 21 Oct 2019 20:56

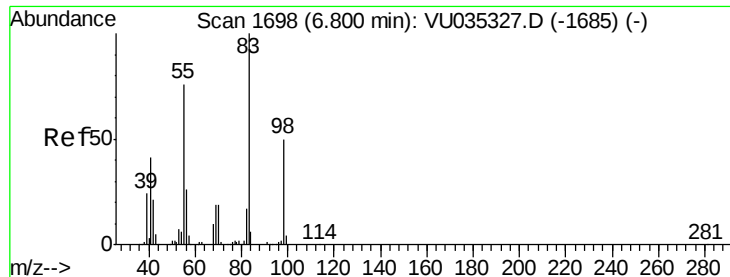
Tgt Ion: 62 Resp: 4440

Ion Ratio Lower Upper

62 100

98 9.7 7.8 11.6

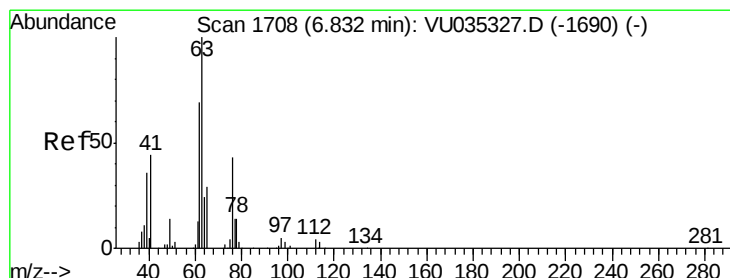
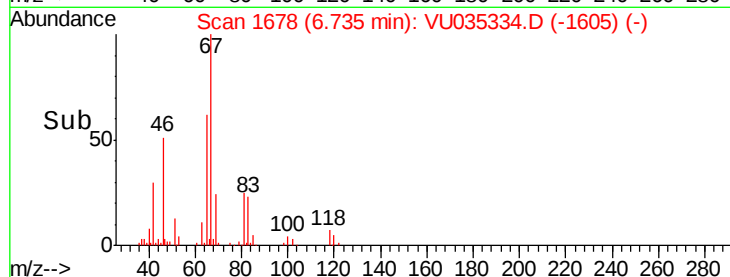
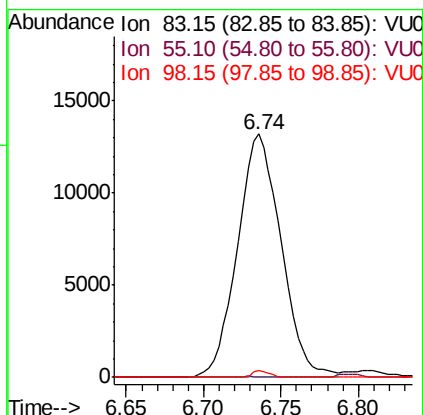
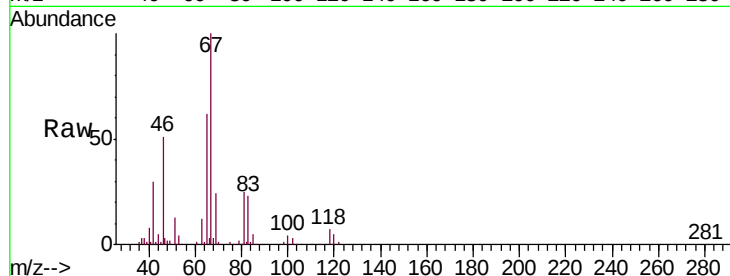




#35
Methylcyclohexane
Concen: 0.643 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035334.D
Acq: 21 Oct 2019 20:56

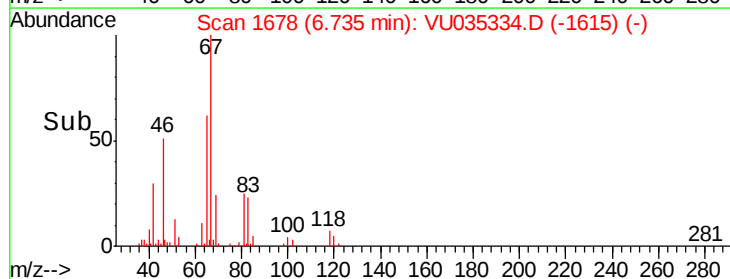
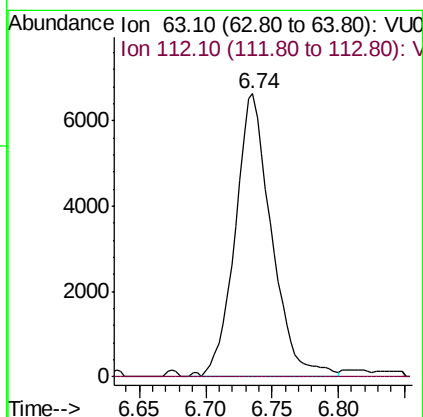
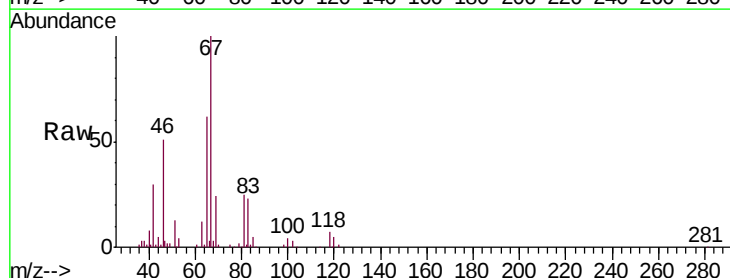
Instrument :
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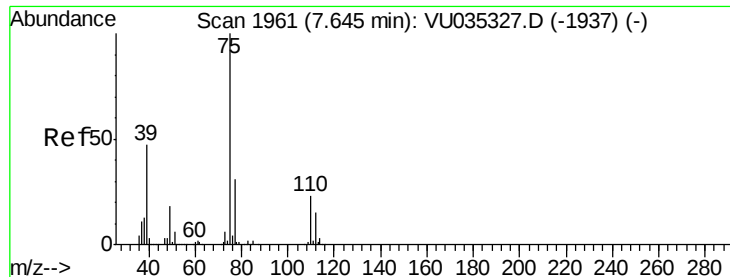
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.1	60.4	90.6#
98	1.0	39.5	59.3#



#37
1,2-Dichloropropane
Concen: 0.558 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.10 min
Lab File: VU035334.D
Acq: 21 Oct 2019 20:56

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#





#39

cis-1,3-Dichloropropene

Concen: 0.072 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035334.D

Acq: 21 Oct 2019 20:56

Instrument :

MSVOA_U

ClientSampleId :

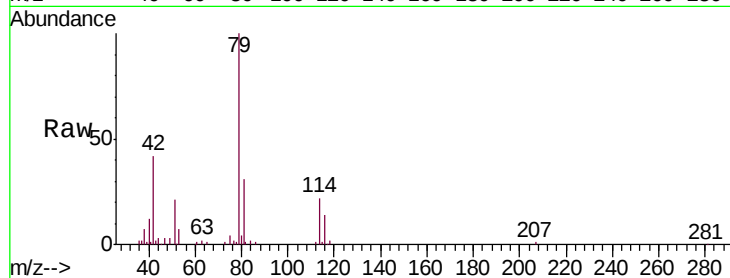
C0AA6

Tgt Ion: 75 Resp: 2750

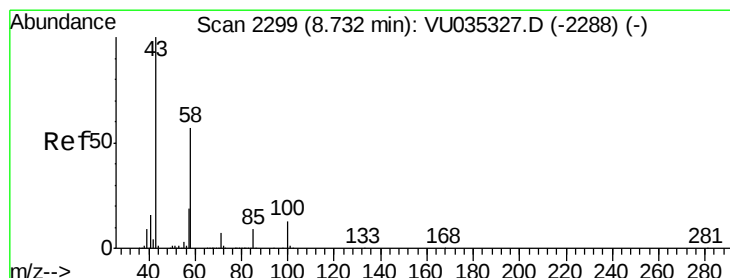
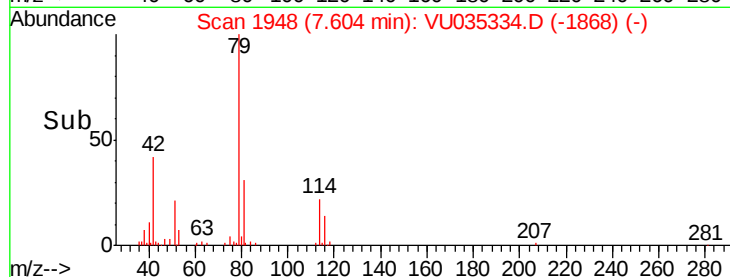
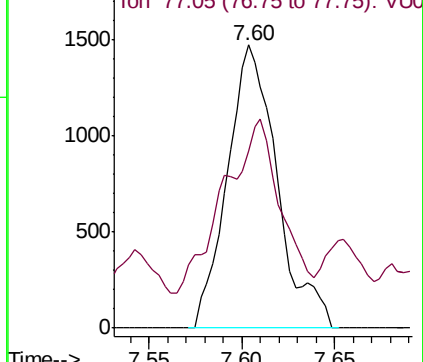
Ion Ratio Lower Upper

75 100

77 62.6 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035334.D (-1948) (-)



#48

2-Hexanone

Concen: 1.256 ug/L

RT: 8.73 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VU035334.D

Acq: 21 Oct 2019 20:56

Tgt Ion: 43 Resp: 13518

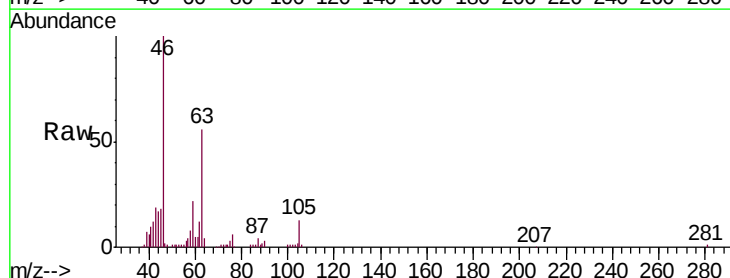
Ion Ratio Lower Upper

43 100

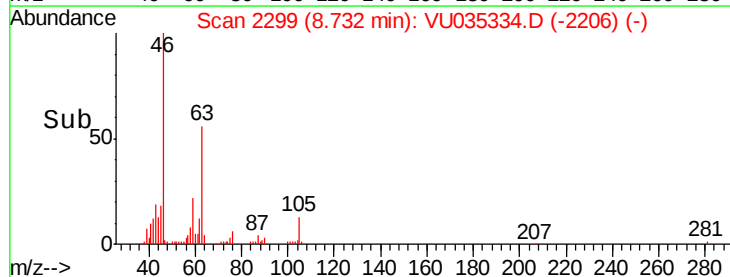
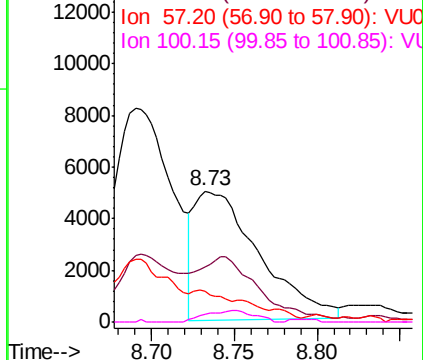
58 45.1 45.1 67.7#

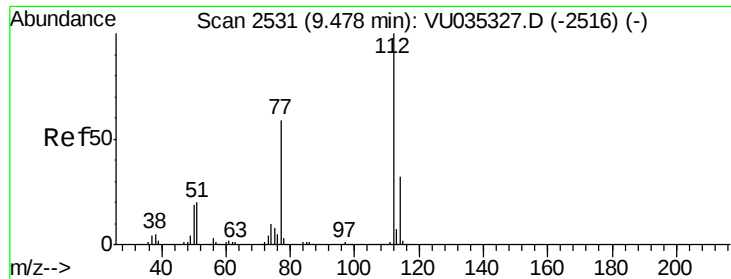
57 0.0 16.0 24.0#

100 6.7 10.4 15.6#



Abundance Ion 43.05 (42.75 to 43.75): VU035334.D (-2299) (-)

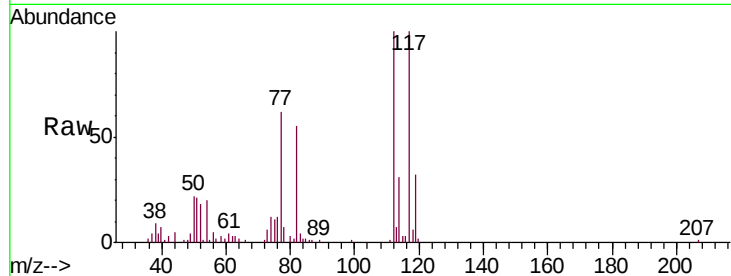




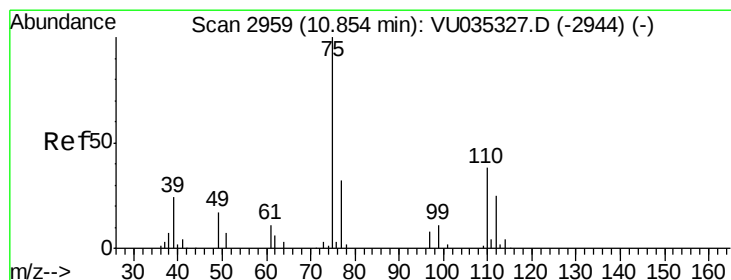
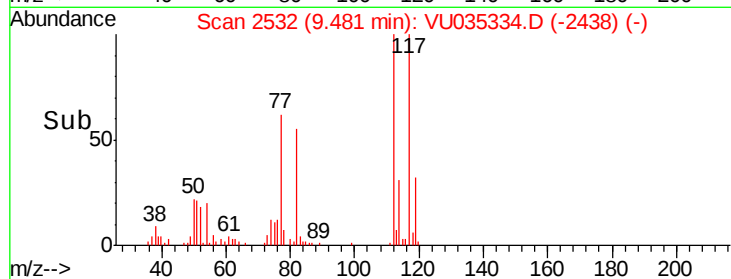
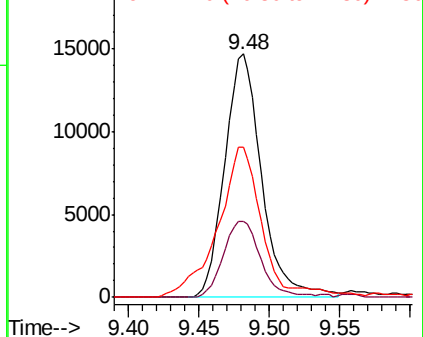
#51
Chlorobenzene
Concen: 0.422 ug/L
RT: 9.48 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU035334.D
Acq: 21 Oct 2019 20:56

Instrument :
MSVOA_U
ClientSampleId :
C0AA6

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.4	23.0	42.8
77	61.9	47.5	71.3

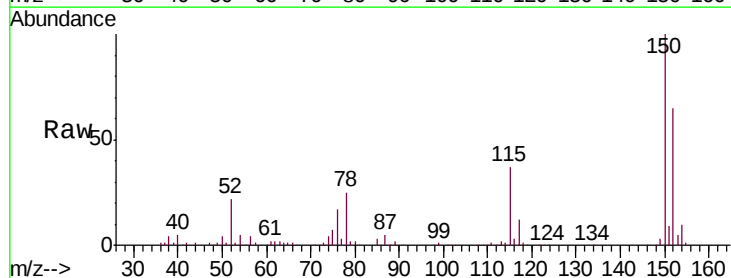


Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V

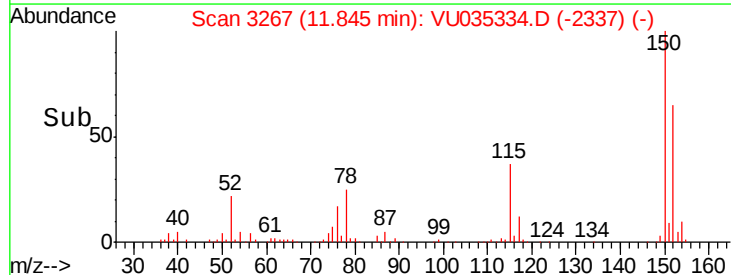
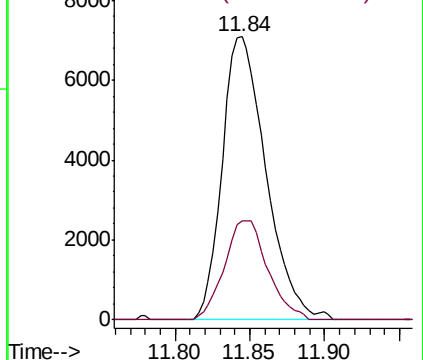


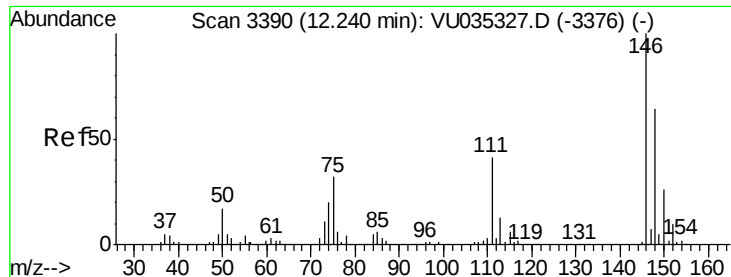
#59
1,2,3-Trichloropropane
Concen: 0.912 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035334.D
Acq: 21 Oct 2019 20:56

Tgt Ion	Ratio	Lower	Upper
75	100		
77	34.7	26.2	39.2



Abundance Ion 75.00 (74.70 to 75.70): VU0
Ion 77.00 (76.70 to 77.70): VU0

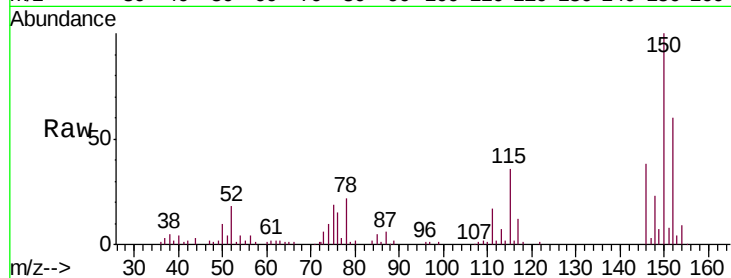




#65
 1,2-Dichlorobenzene
 Concen: 0.536 ug/L
 RT: 12.24 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VU035334.D
 Acq: 21 Oct 2019 20:56

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Tgt Ion:146 Resp: 19422
 Ion Ratio Lower Upper
 146 100
 111 43.1 33.0 49.6
 148 60.6 51.0 76.4



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

