

Data File : VU035337.D
Acq On : 21 Oct 2019 22:10
Operator : JC/SP
Sample : K5421-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA9

Quant Time: Oct 22 06:44:17 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	278945	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	279838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	101736	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	73844	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.93	69	73760	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.59	63	107798	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.71	46	242936	49.70	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.40%
24) Chloroform-d	5.11	84	158269	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.75	65	88512	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	5.77	84	305960	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.74	67	103436	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.80%
41) Toluene-d8	7.93	98	272874	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	8.22	79	38742	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	8.69	63	182254	41.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.82%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	87118	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	91149	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

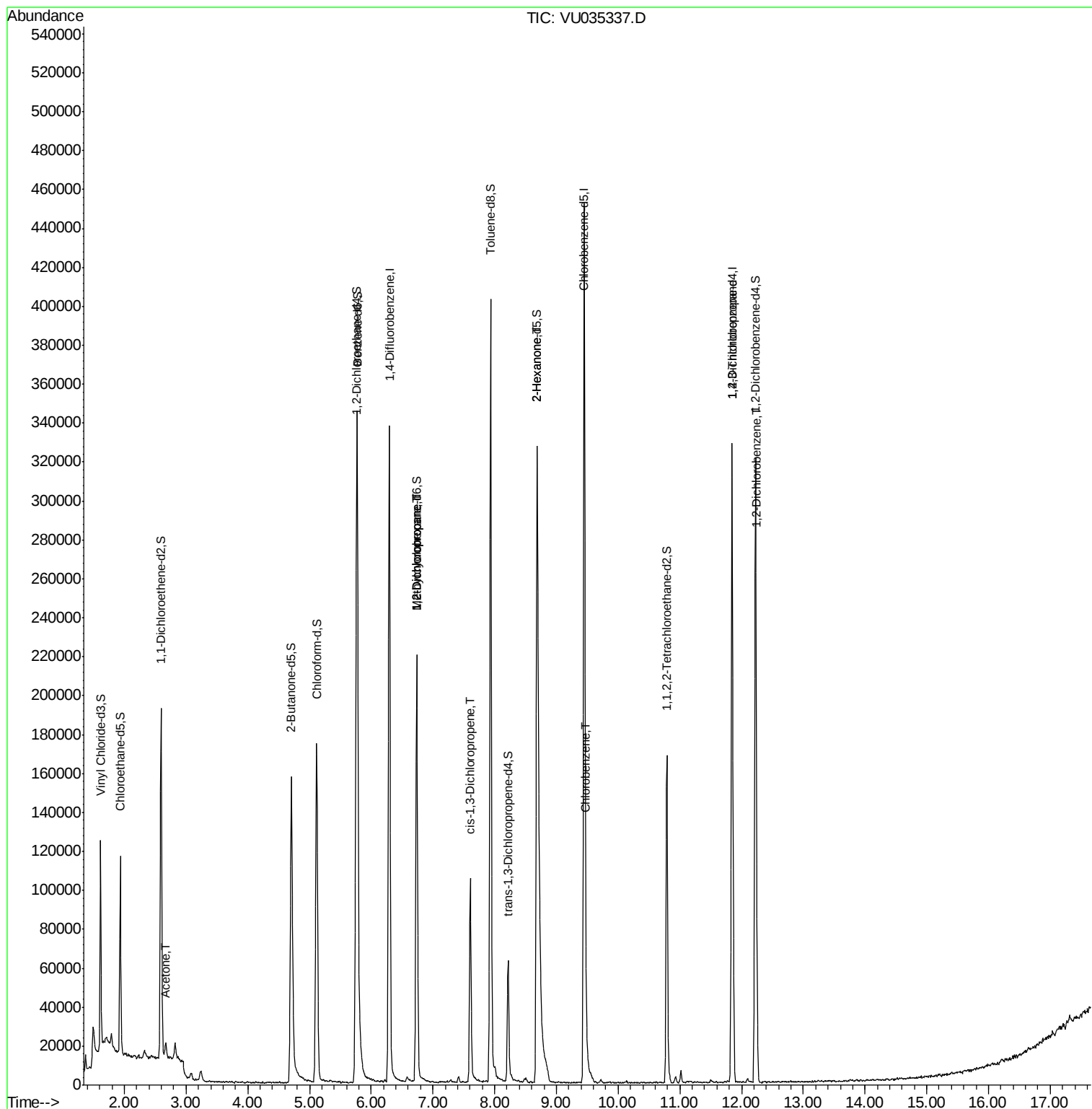
					Qvalue
13) Acetone	2.67	43	9210	2.709 ug/L	100
35) Methylcyclohexane	6.74	83	24563	0.664 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11395	0.545 ug/L #	86
39) cis-1,3-Dichloropropene	7.61	75	2530	0.072 ug/L #	21
48) 2-Hexanone	8.69	43	18047	1.824 ug/L #	68
51) Chlorobenzene	9.48	112	13089	0.223 ug/L	95
59) 1,2,3-Trichloropropane	11.84	75	12972	0.891 ug/L	93
65) 1,2-Dichlorobenzene	12.24	146	17468	0.536 ug/L	94

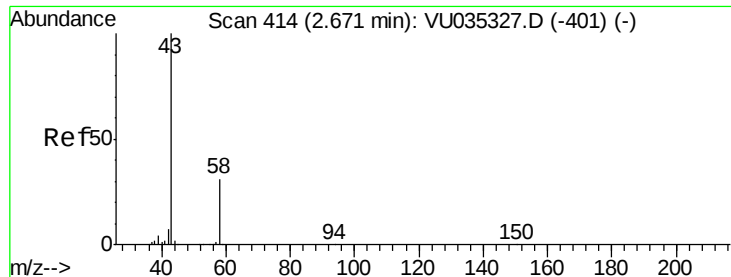
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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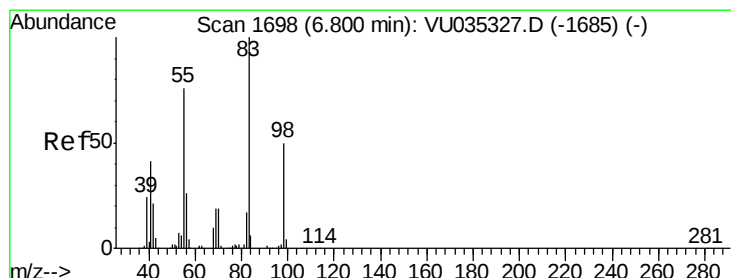
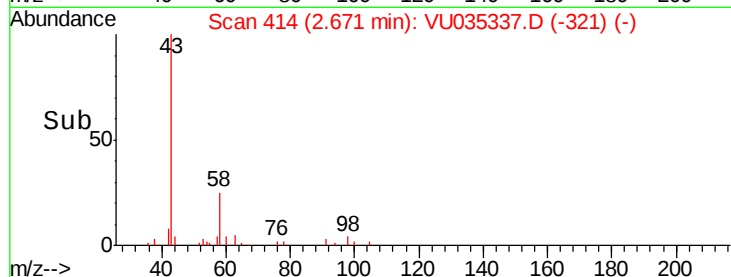
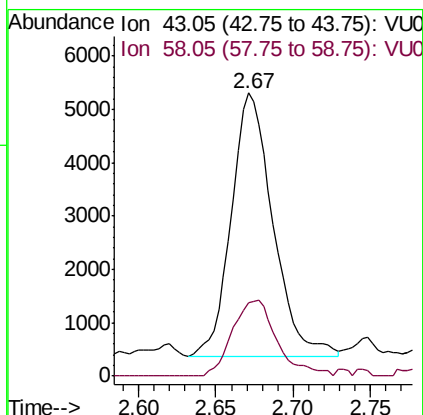
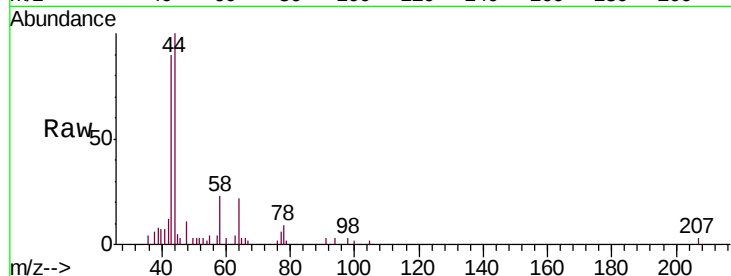




#13
Acetone
Concen: 2.709 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.00 min
Lab File: VU035337.D
Acq: 21 Oct 2019 22:10

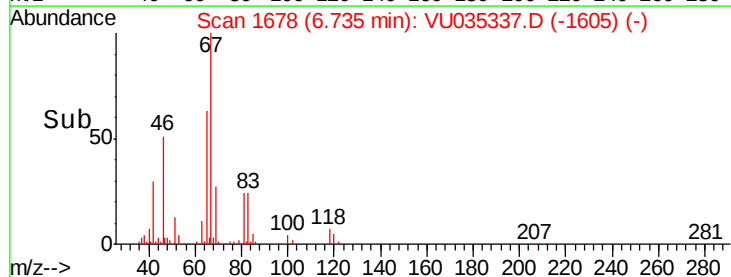
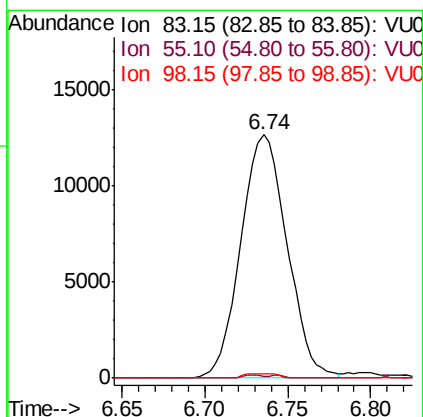
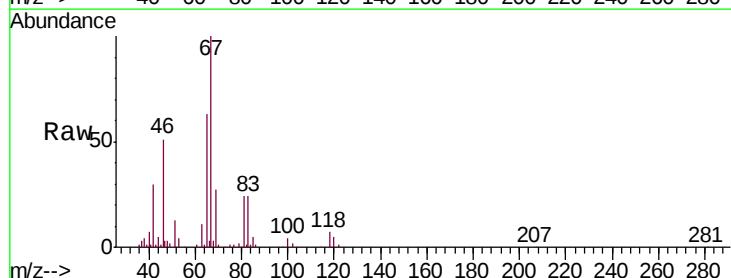
Instrument :
MSVOA_U
ClientSampleId :
C0AA9

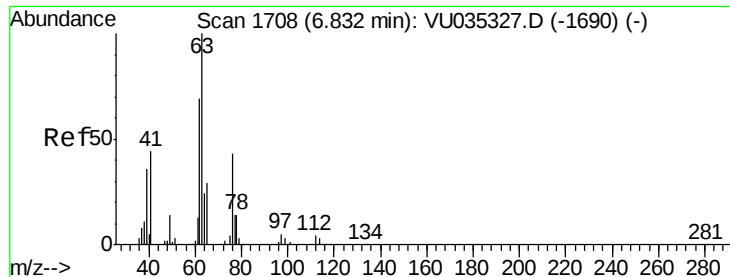
Tgt Ion: 43 Resp: 9210
Ion Ratio Lower Upper
43 100
58 31.0 0.0 61.8



#35
Methylcyclohexane
Concen: 0.664 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035337.D
Acq: 21 Oct 2019 22:10

Tgt Ion: 83 Resp: 24563
Ion Ratio Lower Upper
83 100
55 0.6 60.4 90.6#
98 1.2 39.5 59.3#

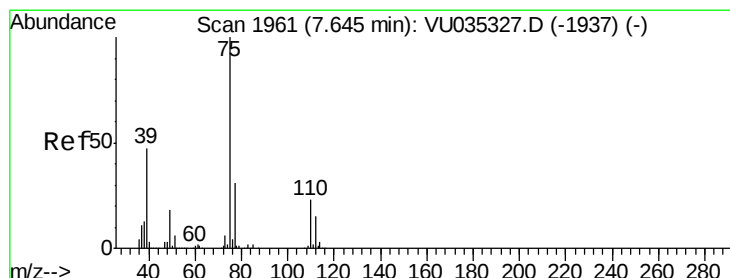
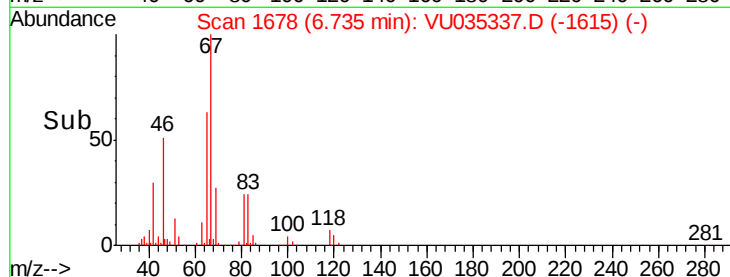
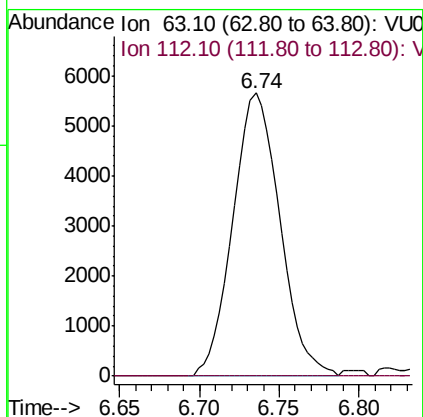
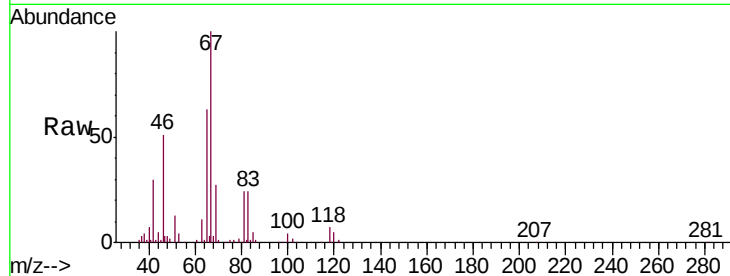




#37
 1,2-Dichloropropane
 Concen: 0.545 ug/L
 RT: 6.74 min Scan# 1678
 Delta R.T. -0.10 min
 Lab File: VU035337.D
 Acq: 21 Oct 2019 22:10

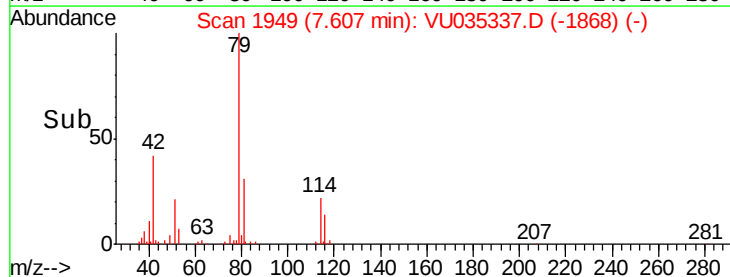
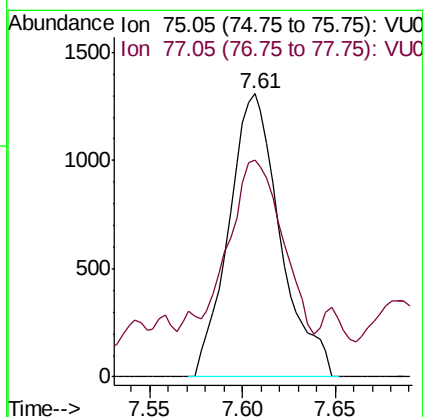
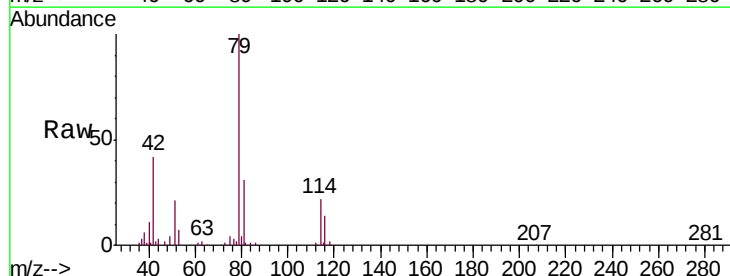
Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA9

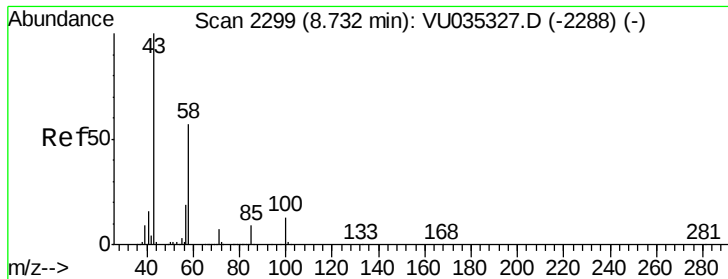
Tgt Ion: 63 Resp: 11395
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.7 5.5#



#39
 cis-1,3-Dichloropropene
 Concen: 0.072 ug/L
 RT: 7.61 min Scan# 1949
 Delta R.T. -0.04 min
 Lab File: VU035337.D
 Acq: 21 Oct 2019 22:10

Tgt Ion: 75 Resp: 2530
 Ion Ratio Lower Upper
 75 100
 77 76.5 22.7 42.1#

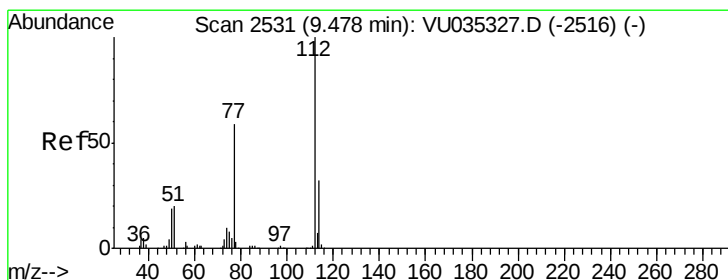
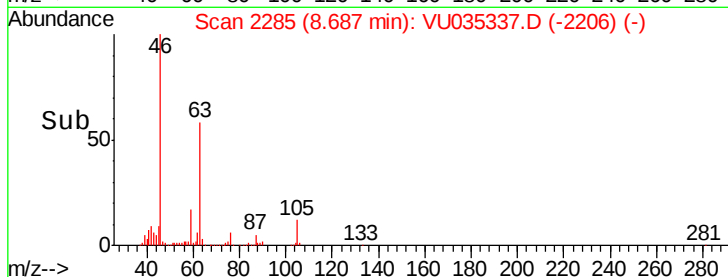
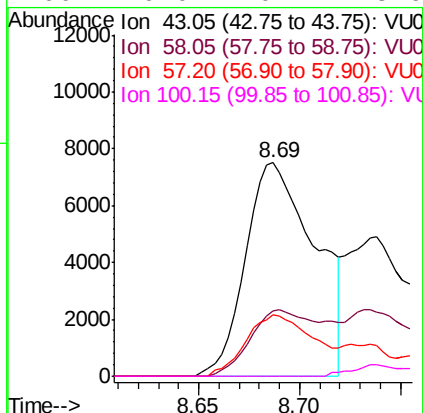
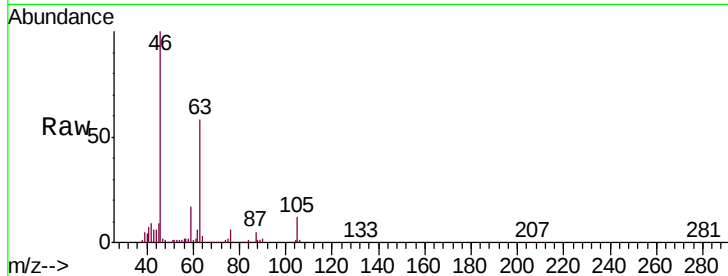




#48
2-Hexanone
Concen: 1.824 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.05 min
Lab File: VU035337.D
Acq: 21 Oct 2019 22:10

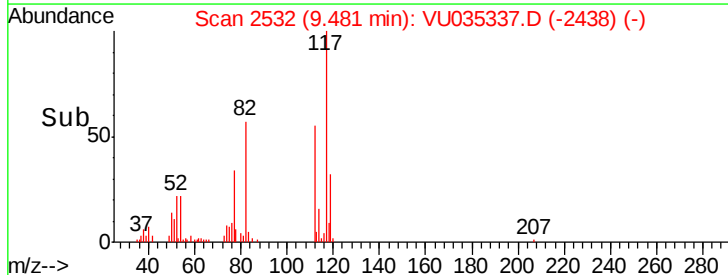
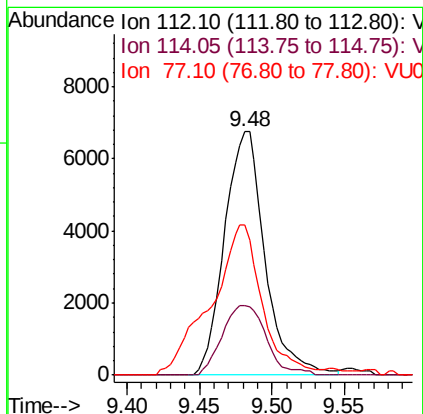
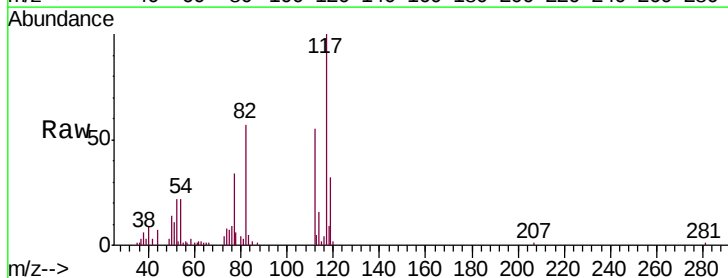
Instrument :
MSVOA_U
ClientSampleId :
C0AA9

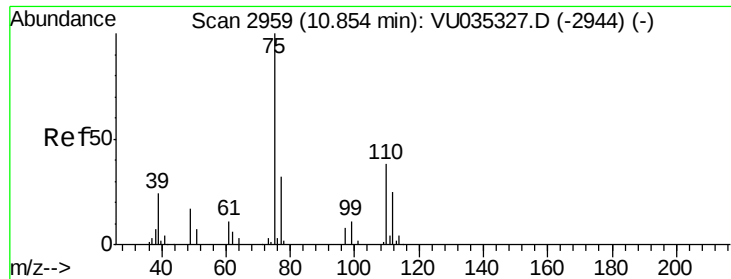
Tgt Ion:	43	Resp:	18047
Ion	Ratio	Lower	Upper
43	100		
58	29.5	45.1	67.7#
57	28.4	16.0	24.0#
100	0.0	10.4	15.6#



#51
Chlorobenzene
Concen: 0.223 ug/L
RT: 9.48 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU035337.D
Acq: 21 Oct 2019 22:10

Tgt Ion:	112	Resp:	13089
Ion	Ratio	Lower	Upper
112	100		
114	28.8	23.0	42.8
77	61.6	47.5	71.3





#59

1,2,3-Trichloropropane

Concen: 0.891 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035337.D

Acq: 21 Oct 2019 22:10

Instrument :

MSVOA_U

ClientSampleId :

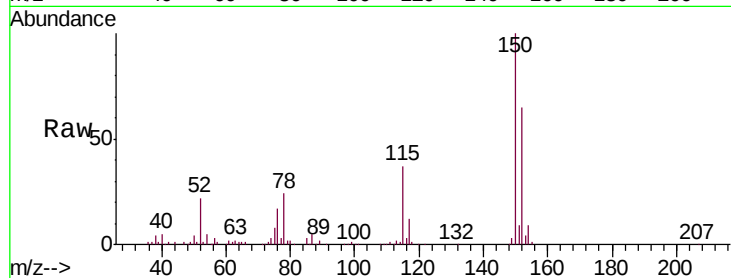
C0AA9

Tgt Ion: 75 Resp: 12972

Ion Ratio Lower Upper

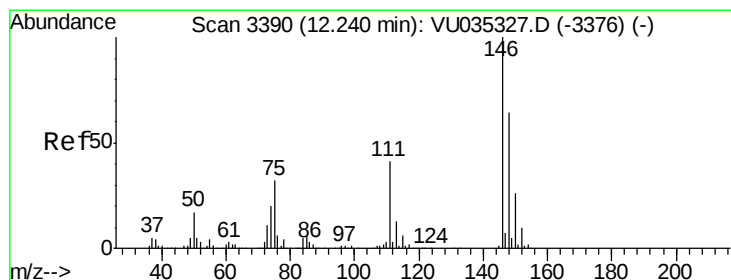
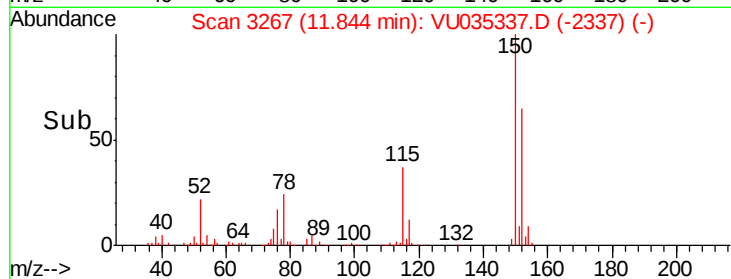
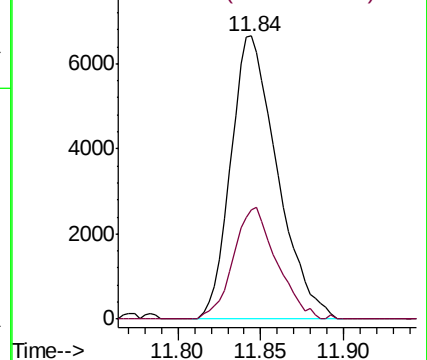
75 100

77 36.7 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: VU035337.D

Acq: 21 Oct 2019 22:10

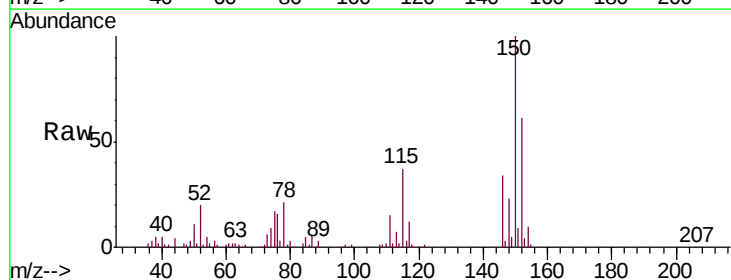
Tgt Ion: 146 Resp: 17468

Ion Ratio Lower Upper

146 100

111 44.3 33.0 49.6

148 69.2 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

