

Data File : VU035339.D
Acq On : 21 Oct 2019 22:59
Operator : JC/SP
Sample : K5421-11
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AB1

Quant Time: Oct 22 06:44:32 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	297073	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	299083	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	109637	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	79701	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.93	69	77901	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.59	63	110723	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.70	46	251900	48.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.78%
24) Chloroform-d	5.11	84	166975	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
26) 1,2-Dichloroethane-d4	5.75	65	91667	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
32) Benzene-d6	5.77	84	320710	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.74	67	109018	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.93	98	287270	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	8.22	79	39431	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.69	63	193415	41.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.22%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92475	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	97412	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

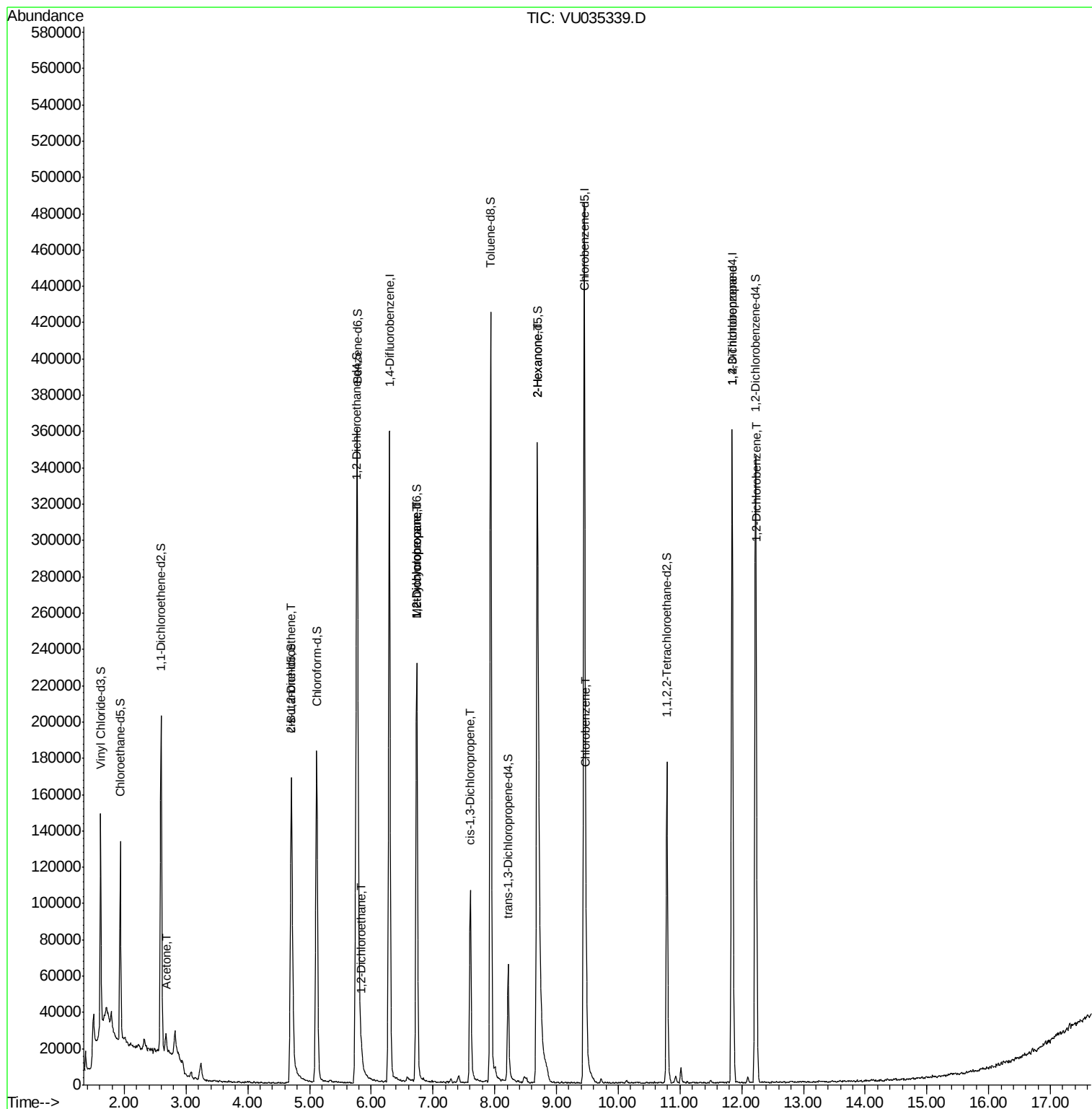
					Qvalue
13) Acetone	2.67	43	10939	3.021 ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	3884	0.171 ug/L	96
27) 1,2-Dichloroethane	5.84	62	4415	0.176 ug/L	97
35) Methylcyclohexane	6.74	83	25295	0.640 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11895	0.532 ug/L #	87
39) cis-1,3-Dichloropropene	7.60	75	2661	0.071 ug/L #	54
48) 2-Hexanone	8.69	43	18996	1.796 ug/L #	42
51) Chlorobenzene	9.48	112	33087	0.528 ug/L	99
59) 1,2,3-Trichloropropane	11.84	75	14075	0.904 ug/L	95
65) 1,2-Dichlorobenzene	12.24	146	20289	0.577 ug/L	97

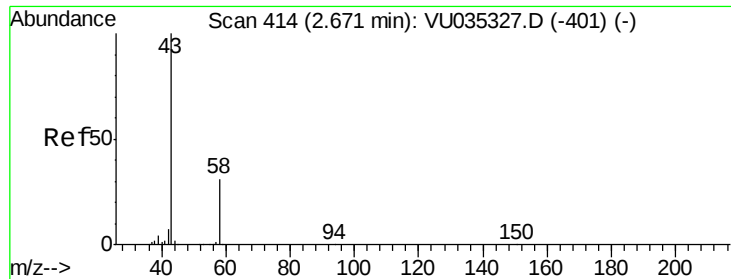
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.021 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

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Acq: 21 Oct 2019 22:59

Instrument :

MSVOA_U

ClientSampleId :

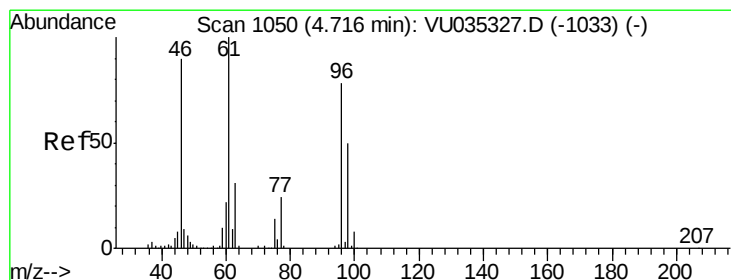
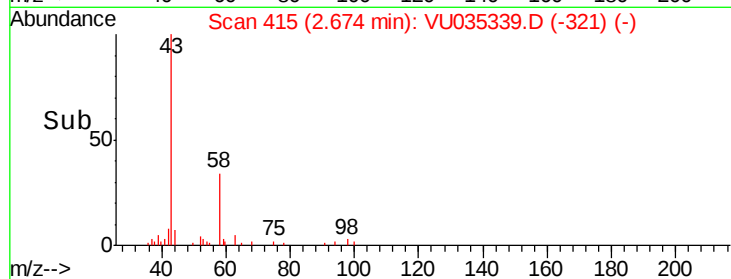
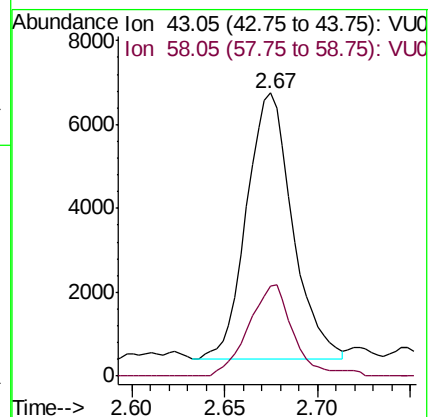
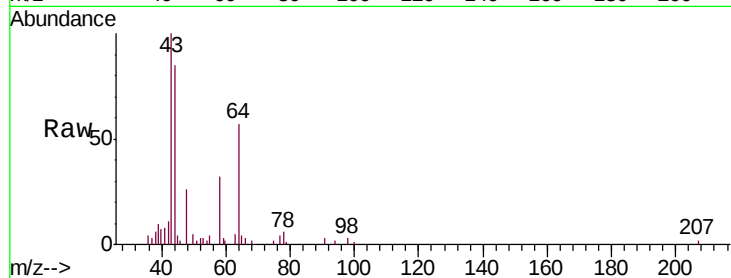
C0AB1

Tgt Ion: 43 Resp: 10939

Ion Ratio Lower Upper

43 100

58 32.7 0.0 61.8



#22

cis-1,2-Dichloroethene

Concen: 0.171 ug/L

RT: 4.72 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VU035339.D

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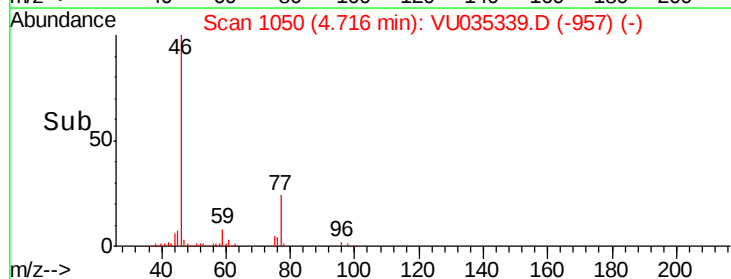
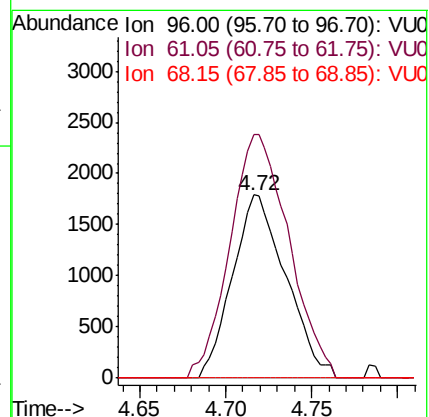
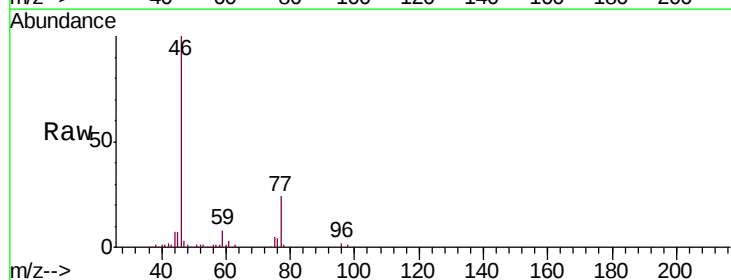
Tgt Ion: 96 Resp: 3884

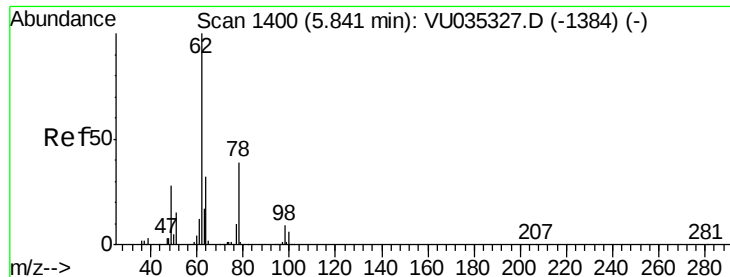
Ion Ratio Lower Upper

96 100

61 132.8 89.7 166.5

68 0.0 0.0 0.0





#27

1,2-Dichloroethane

Concen: 0.176 ug/L

RT: 5.84 min Scan# 1401

Delta R.T. 0.00 min

Lab File: VU035339.D

Acq: 21 Oct 2019 22:59

Instrument :

MSVOA_U

ClientSampleId :

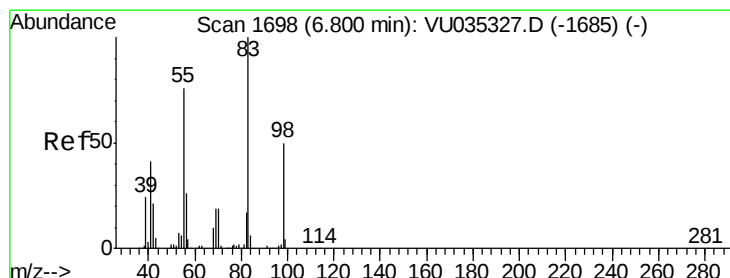
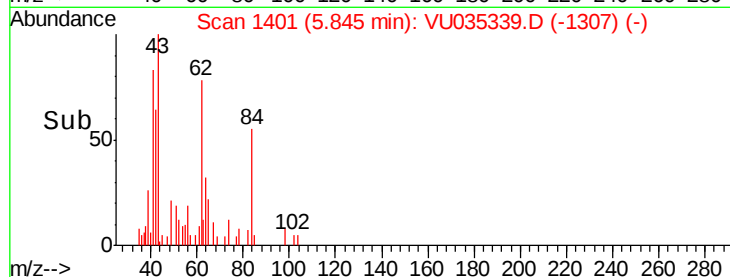
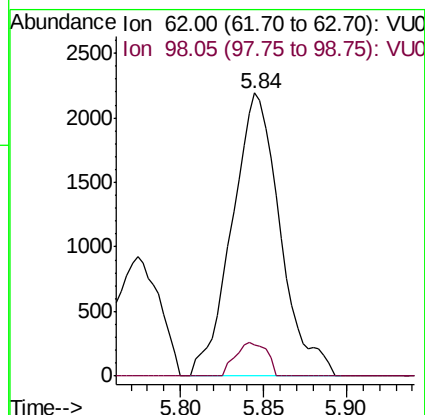
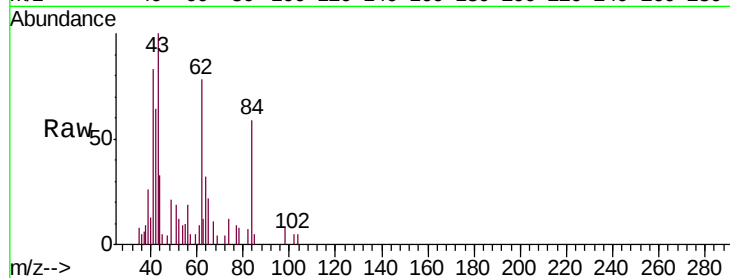
C0AB1

Tgt Ion: 62 Resp: 4415

Ion Ratio Lower Upper

62 100

98 10.9 7.8 11.6



#35

Methylcyclohexane

Concen: 0.640 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.06 min

Lab File: VU035339.D

Acq: 21 Oct 2019 22:59

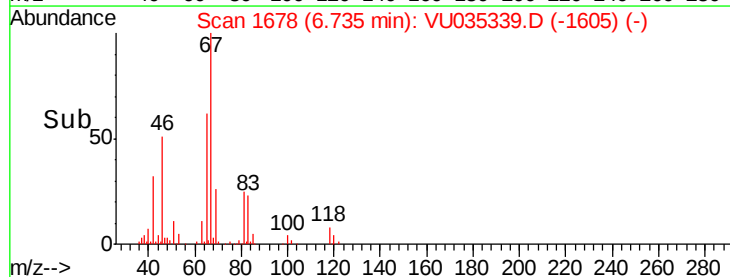
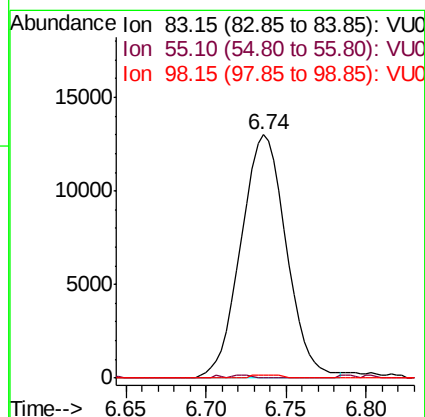
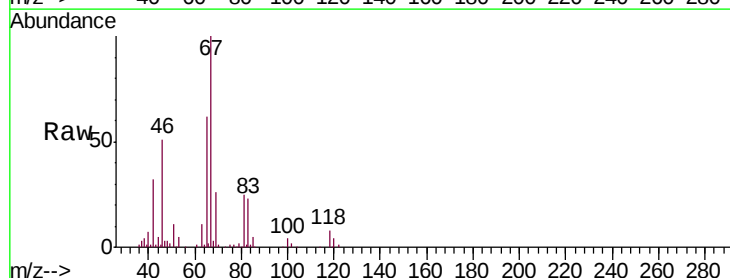
Tgt Ion: 83 Resp: 25295

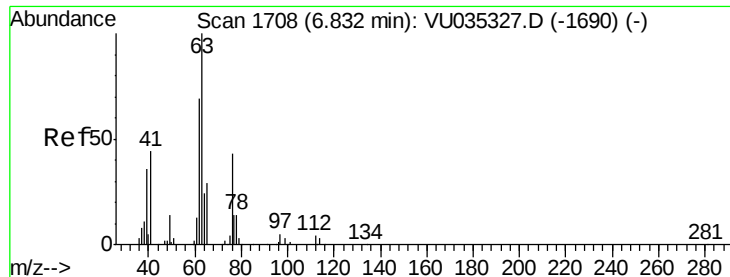
Ion Ratio Lower Upper

83 100

55 0.5 60.4 90.6#

98 0.8 39.5 59.3#





#37

1,2-Dichloropropane

Concen: 0.532 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035339.D

Acq: 21 Oct 2019 22:59

Instrument :

MSVOA_U

ClientSampleId :

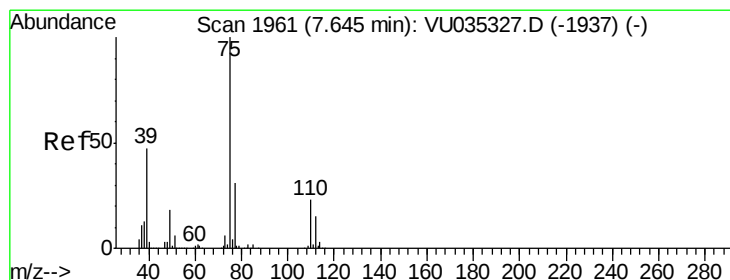
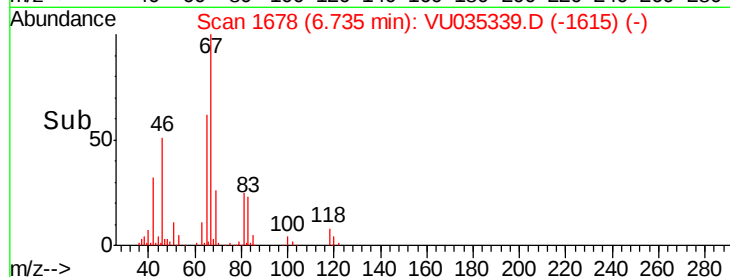
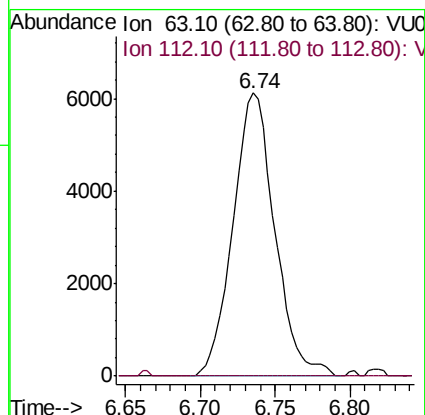
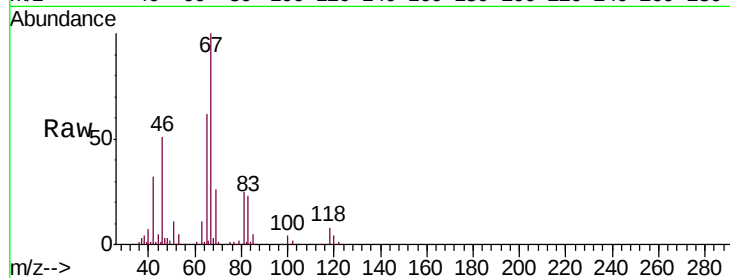
C0AB1

Tgt Ion: 63 Resp: 11895

Ion Ratio Lower Upper

63 100

112 0.4 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035339.D

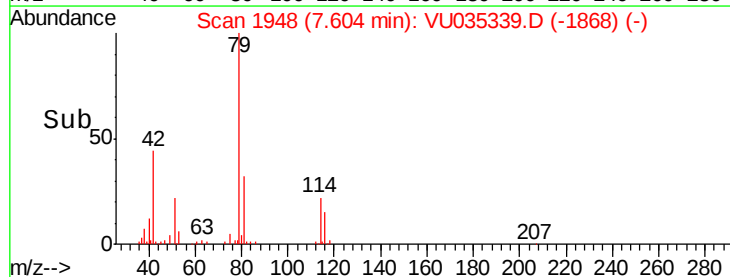
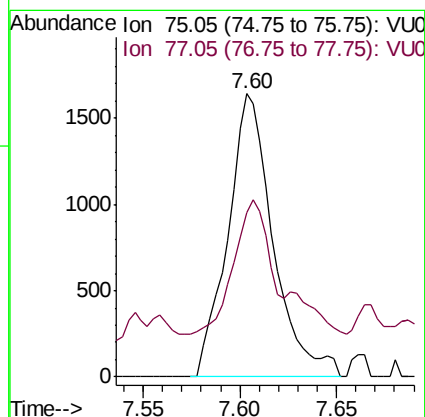
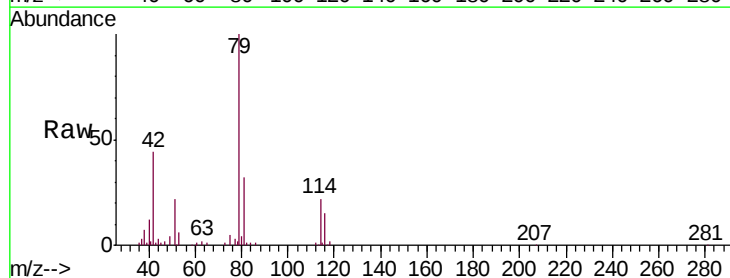
Acq: 21 Oct 2019 22:59

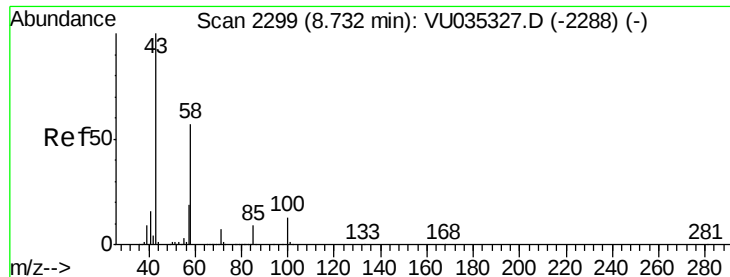
Tgt Ion: 75 Resp: 2661

Ion Ratio Lower Upper

75 100

77 58.3 22.7 42.1#

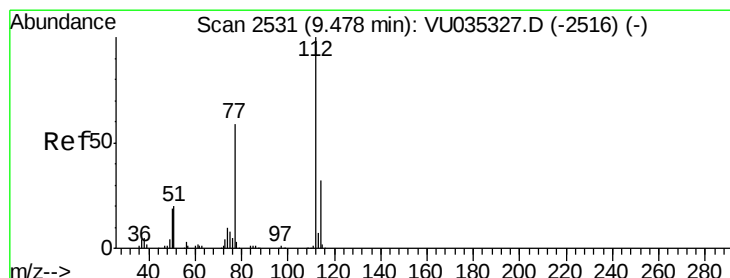
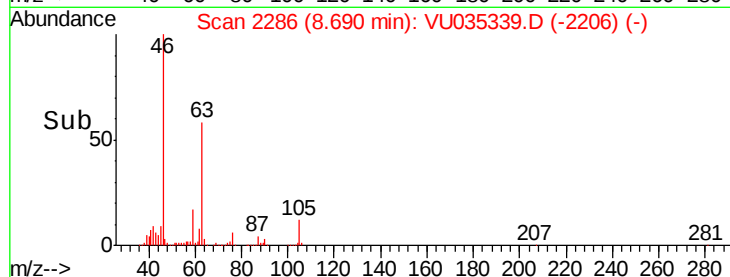
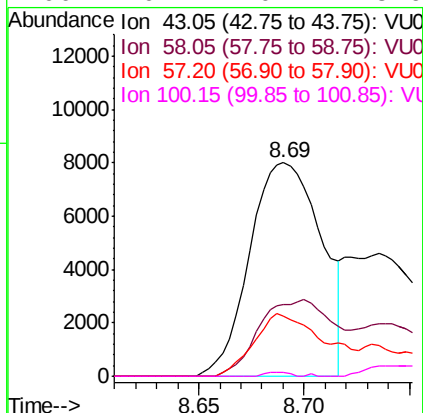
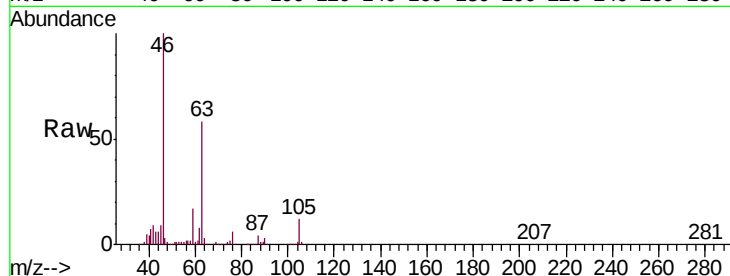




#48
2-Hexanone
Concen: 1.796 ug/L
RT: 8.69 min Scan# 2286
Delta R.T. -0.04 min
Lab File: VU035339.D
Acq: 21 Oct 2019 22:59

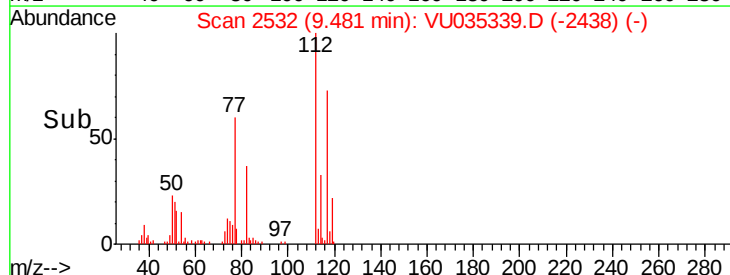
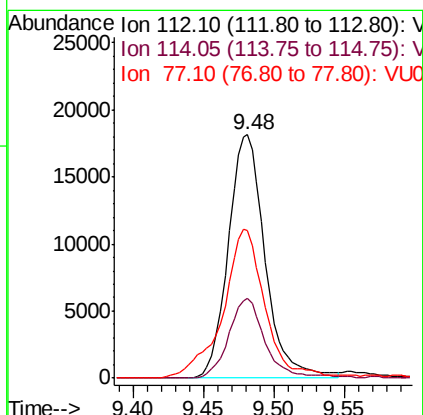
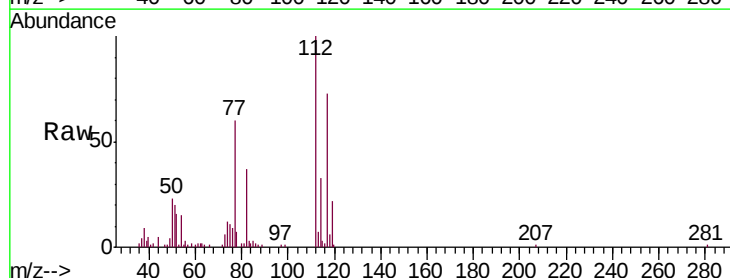
Instrument :
MSVOA_U
ClientSampleId :
C0AB1

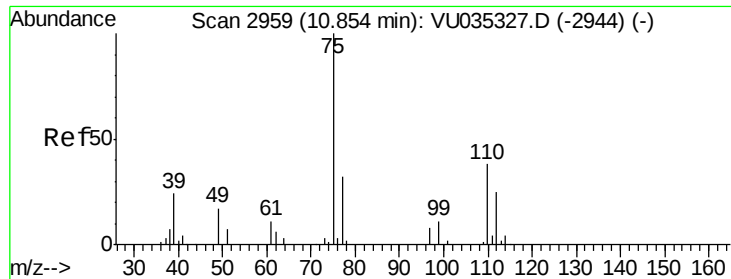
Tgt Ion:	43	Resp:	18996
Ion	Ratio	Lower	Upper
43	100		
58	0.0	45.1	67.7#
57	29.2	16.0	24.0#
100	0.7	10.4	15.6#



#51
Chlorobenzene
Concen: 0.528 ug/L
RT: 9.48 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU035339.D
Acq: 21 Oct 2019 22:59

Tgt Ion:	112	Resp:	33087
Ion	Ratio	Lower	Upper
112	100		
114	32.7	23.0	42.8
77	60.4	47.5	71.3

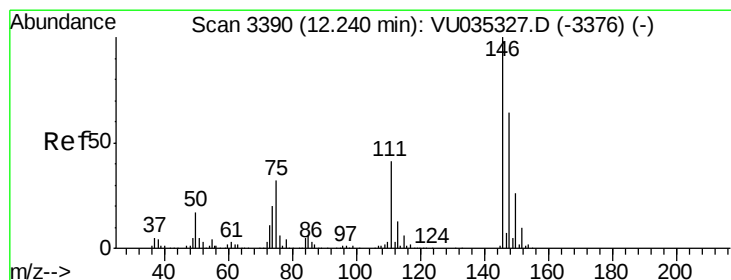
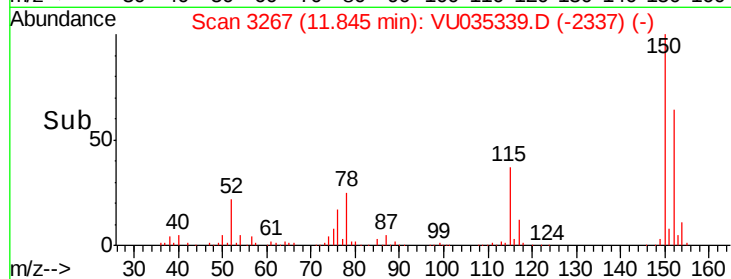
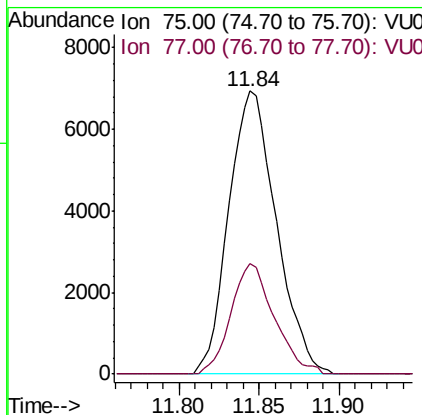
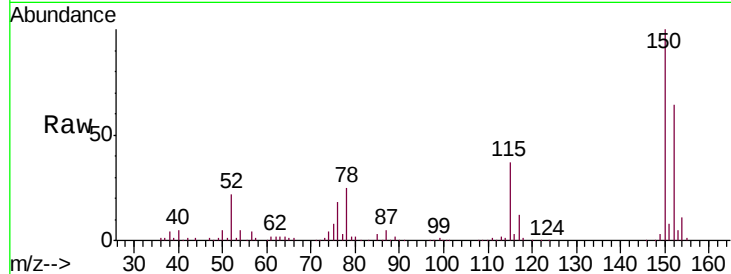




#59
 1,2,3-Trichloropropane
 Concen: 0.904 ug/L
 RT: 11.84 min Scan# 3267
 Delta R.T. 0.99 min
 Lab File: VU035339.D
 Acq: 21 Oct 2019 22:59

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AB1

Tgt Ion: 75 Resp: 14075
 Ion Ratio Lower Upper
 75 100
 77 35.6 26.2 39.2



#65
 1,2-Dichlorobenzene
 Concen: 0.577 ug/L
 RT: 12.24 min Scan# 3391
 Delta R.T. 0.00 min
 Lab File: VU035339.D
 Acq: 21 Oct 2019 22:59

Tgt Ion: 146 Resp: 20289
 Ion Ratio Lower Upper
 146 100
 111 44.6 33.0 49.6
 148 62.0 51.0 76.4

