

Data File : VU035335.D
Acq On : 21 Oct 2019 21:20
Operator : JC/SP
Sample : K5421-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AA7

Quant Time: Oct 22 06:44:01 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	279852	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	270129	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	97433	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	76018	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.94	69	76978	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.60	63	108330	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	4.71	46	265436	54.13	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.26%
24) Chloroform-d	5.11	84	162356	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
26) 1,2-Dichloroethane-d4	5.75	65	91535	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
32) Benzene-d6	5.77	84	308088	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
36) 1,2-Dichloropropane-d6	6.74	67	107089	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.93	98	276435	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	8.22	79	39791	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
46) 2-Hexanone-d5	8.69	63	206654	49.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.46%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	92466	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	91966	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

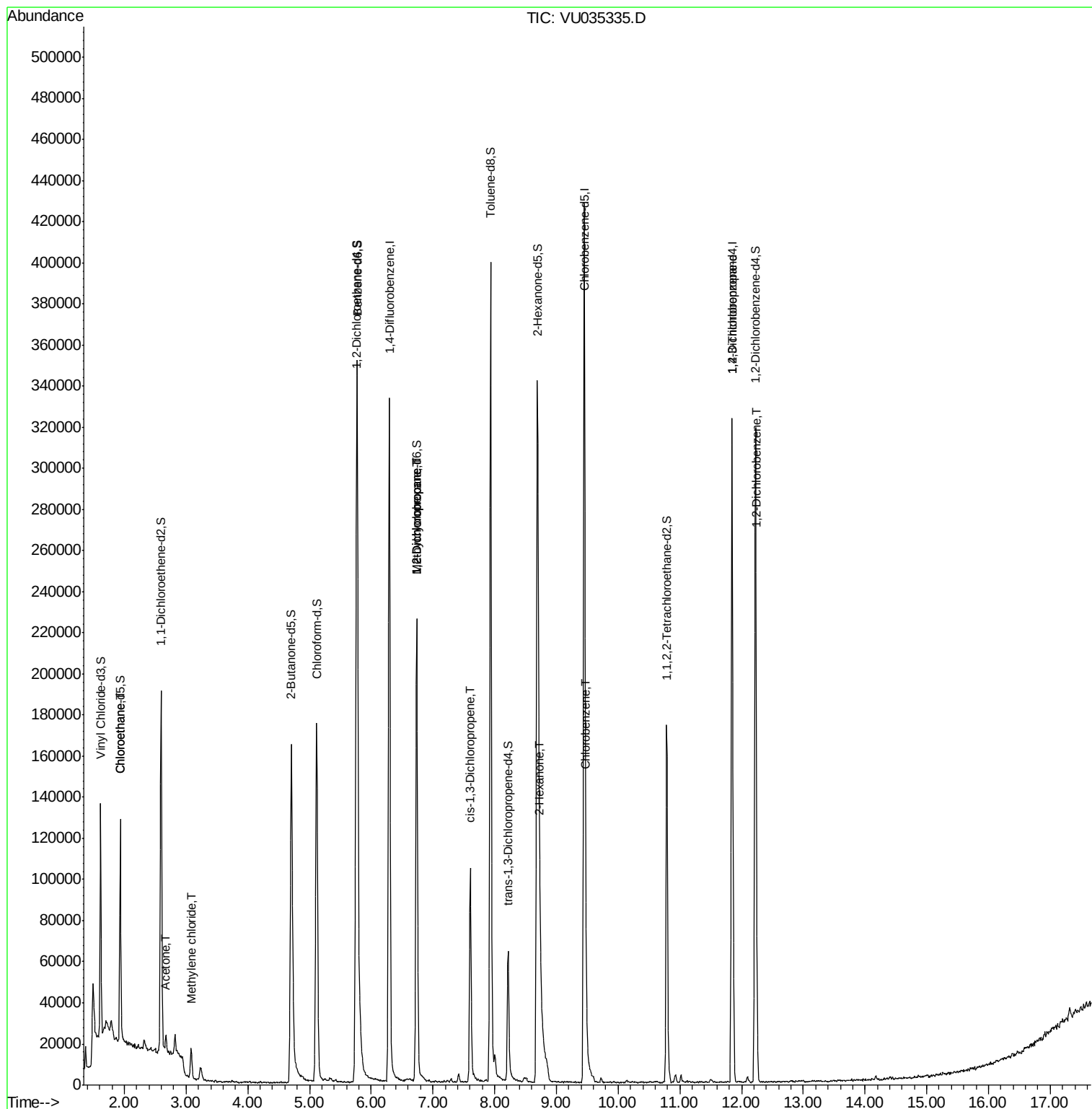
					Qvalue
8) Chloroethane	1.94	64	1626	0.104 ug/L #	55
13) Acetone	2.67	43	8653	2.537 ug/L	88
16) Methylene chloride	3.08	84	6968	0.322 ug/L	98
35) Methylcyclohexane	6.74	83	24307	0.681 ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11515	0.571 ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2475	0.073 ug/L #	32
48) 2-Hexanone	8.74	43	12948	1.355 ug/L #	83
51) Chlorobenzene	9.48	112	19095	0.337 ug/L	99
59) 1,2,3-Trichloropropane	11.84	75	12458	0.886 ug/L	95
65) 1,2-Dichlorobenzene	12.24	146	12767	0.409 ug/L	94

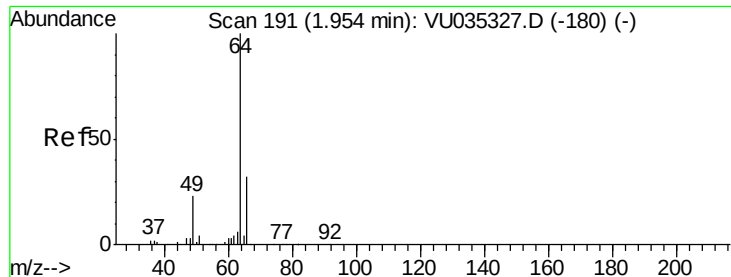
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 0.104 ug/L

RT: 1.94 min Scan# 186

Delta R.T. -0.02 min

Lab File: VU035335.D

Acq: 21 Oct 2019 21:20

Instrument :

MSVOA_U

ClientSampleId :

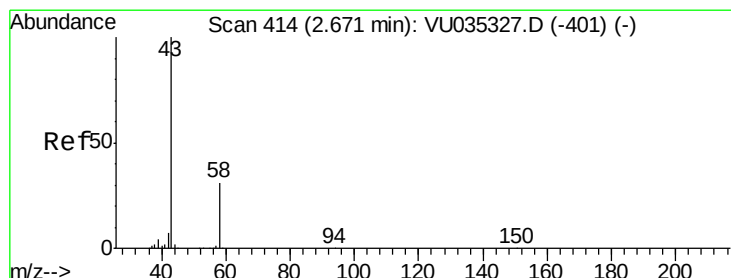
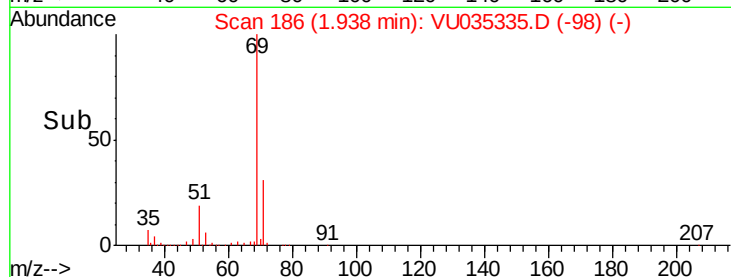
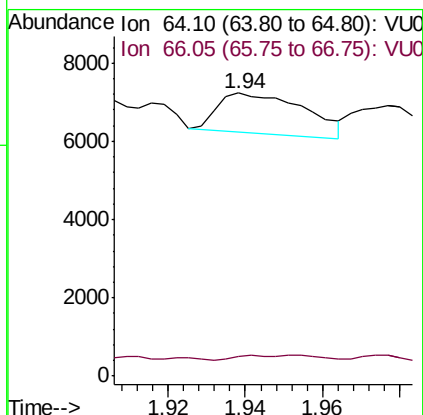
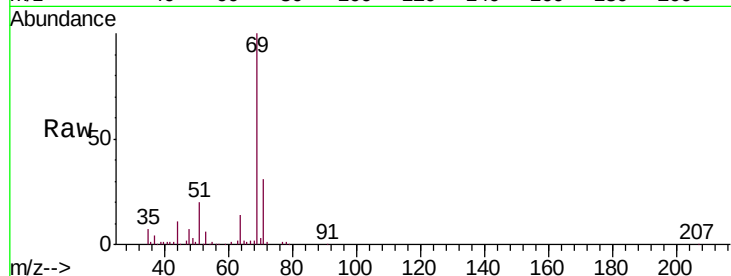
C0AA7

Tgt Ion: 64 Resp: 1626

Ion Ratio Lower Upper

64 100

66 7.1 22.7 42.1#



#13

Acetone

Concen: 2.537 ug/L

RT: 2.67 min Scan# 415

Delta R.T. 0.00 min

Lab File: VU035335.D

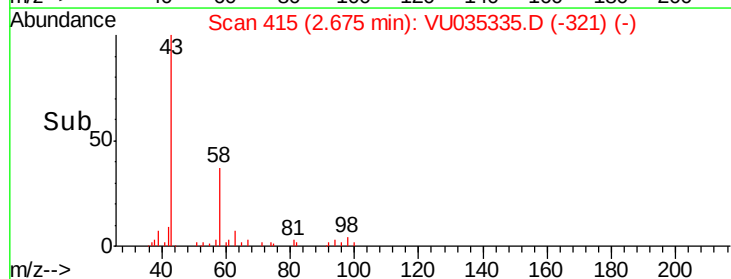
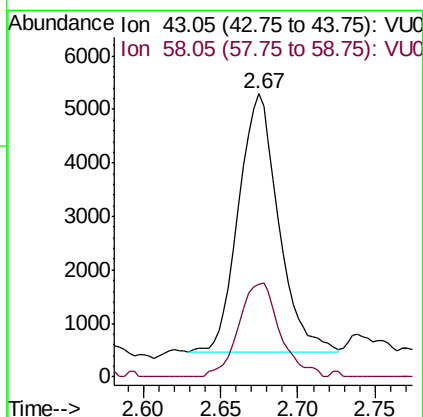
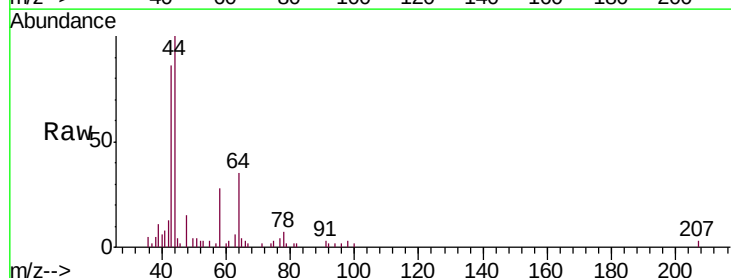
Acq: 21 Oct 2019 21:20

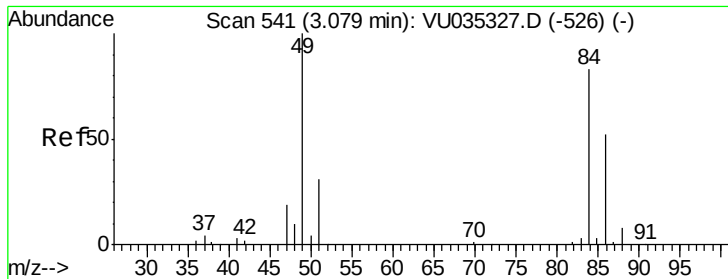
Tgt Ion: 43 Resp: 8653

Ion Ratio Lower Upper

43 100

58 37.7 0.0 61.8

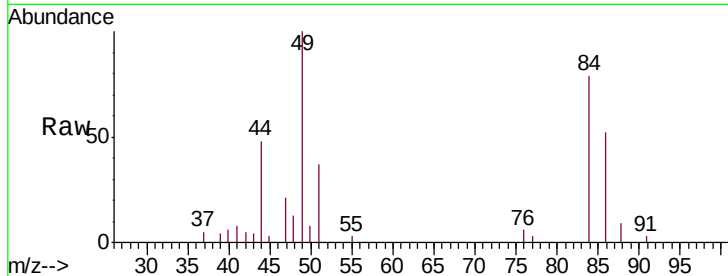




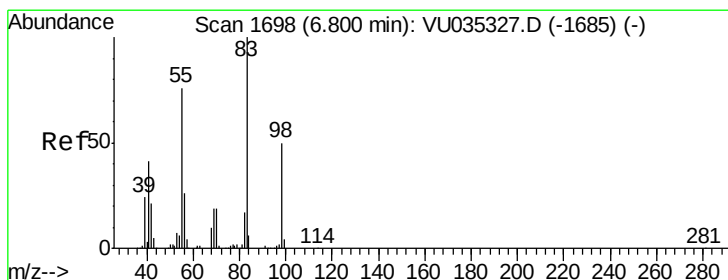
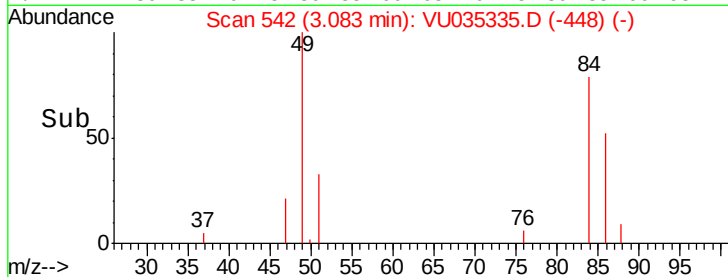
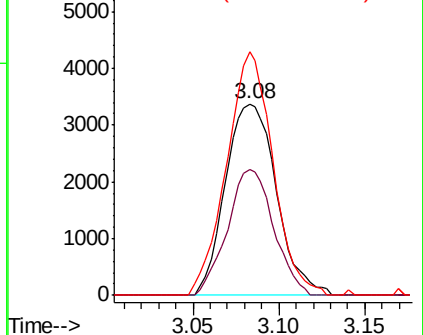
#16
Methylene chloride
Concen: 0.322 ug/L
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035335.D
Acq: 21 Oct 2019 21:20

Instrument :
MSVOA_U
ClientSampleId :
C0AA7

Tgt Ion: 84 Resp: 6968
Ion Ratio Lower Upper
84 100
86 65.5 45.4 84.2
49 127.1 86.8 161.2

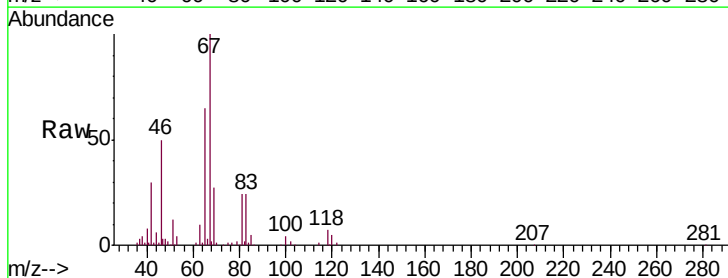


Abundance Ion 84.05 (83.75 to 84.75): VU0
Ion 86.00 (85.70 to 86.70): VU0
Ion 49.10 (48.80 to 49.80): VU0

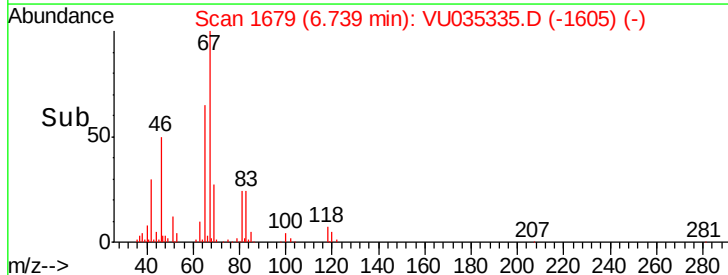
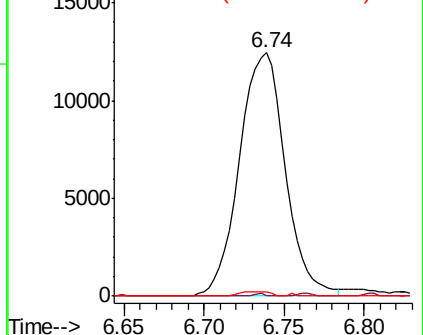


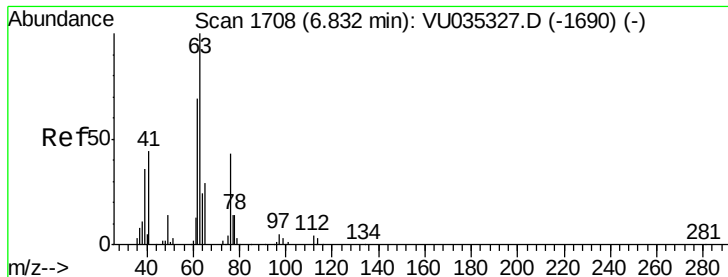
#35
Methylcyclohexane
Concen: 0.681 ug/L
RT: 6.74 min Scan# 1679
Delta R.T. -0.06 min
Lab File: VU035335.D
Acq: 21 Oct 2019 21:20

Tgt Ion: 83 Resp: 24307
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: 0.571 ug/L

RT: 6.74 min Scan# 1678

Delta R.T. -0.10 min

Lab File: VU035335.D

Acq: 21 Oct 2019 21:20

Instrument :

MSVOA_U

ClientSampleId :

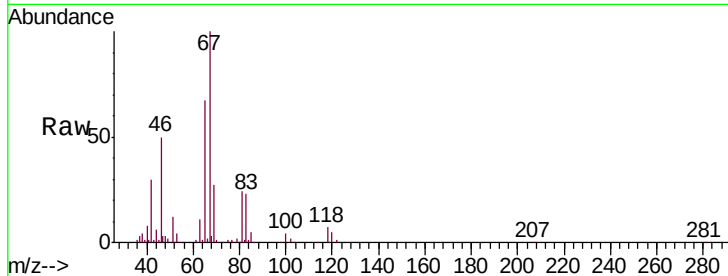
C0AA7

Tgt Ion: 63 Resp: 11515

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



Abundance Ion 63.10 (62.80 to 63.80): VU035327.D (-1690) (-)

Ion 112.10 (111.80 to 112.80): VU035327.D (-1690) (-)

6.74

6000

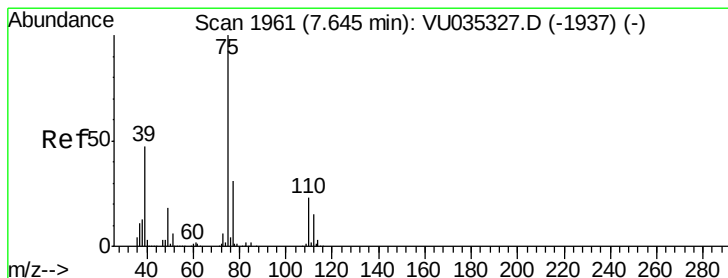
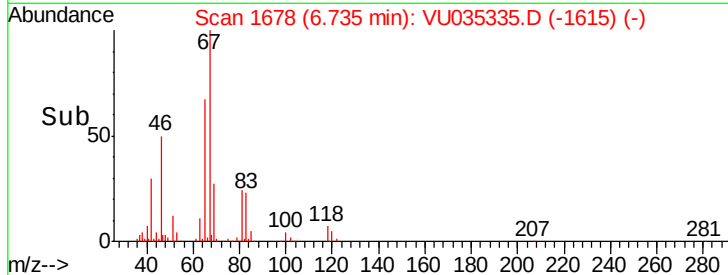
4000

2000

0

6.65 6.70 6.75 6.80

Time-->



#39

cis-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.60 min Scan# 1948

Delta R.T. -0.04 min

Lab File: VU035335.D

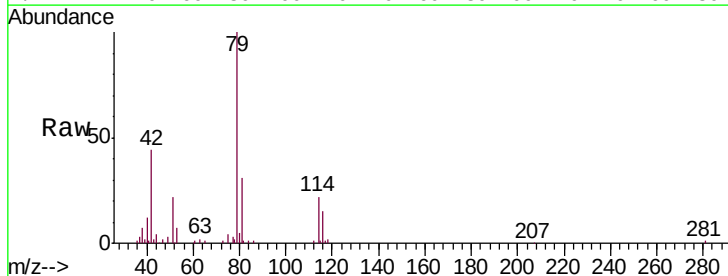
Acq: 21 Oct 2019 21:20

Tgt Ion: 75 Resp: 2475

Ion Ratio Lower Upper

75 100

77 70.4 22.7 42.1#



Abundance Ion 75.05 (74.75 to 75.75): VU035327.D (-1937) (-)

Ion 77.05 (76.75 to 77.75): VU035327.D (-1937) (-)

7.60

1500

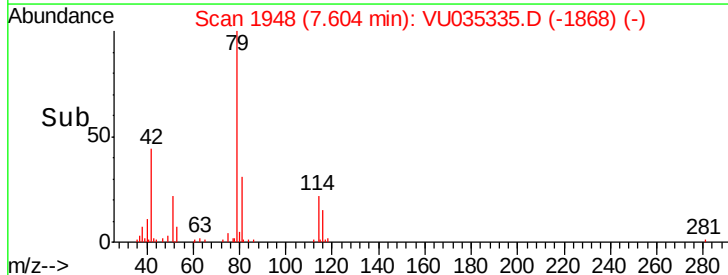
1000

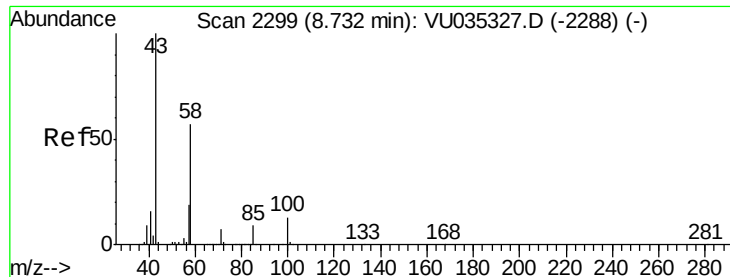
500

0

7.55 7.60 7.65

Time-->

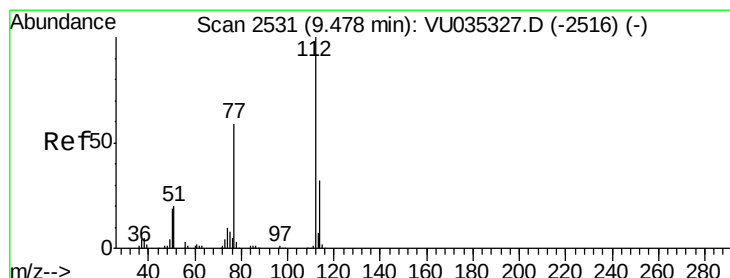
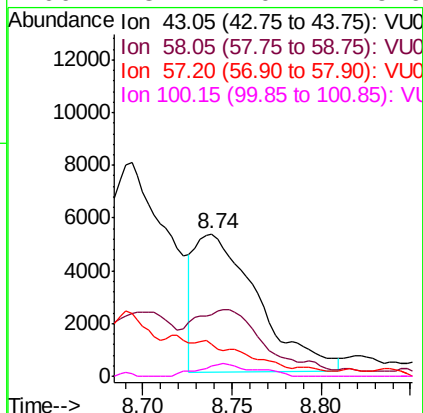
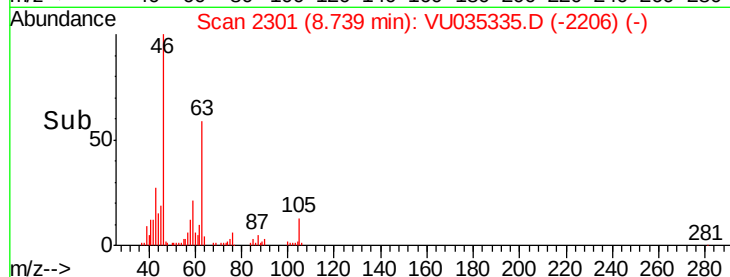
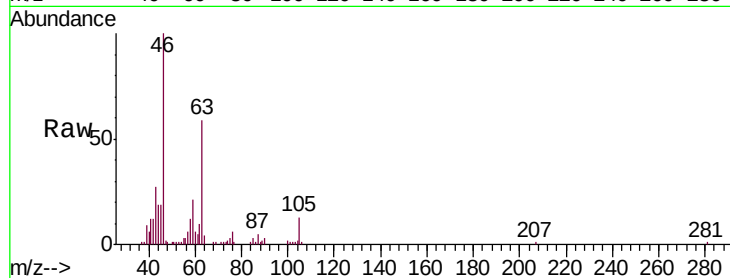




#48
2-Hexanone
Concen: 1.355 ug/L
RT: 8.74 min Scan# 2301
Delta R.T. 0.01 min
Lab File: VU035335.D
Acq: 21 Oct 2019 21:20

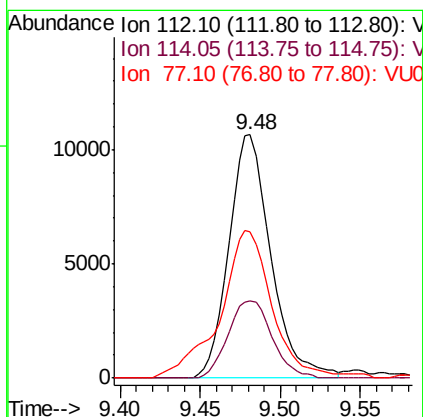
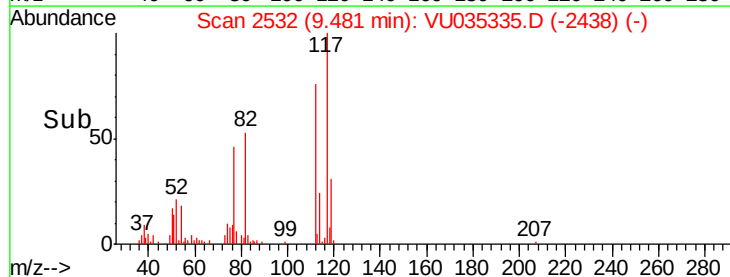
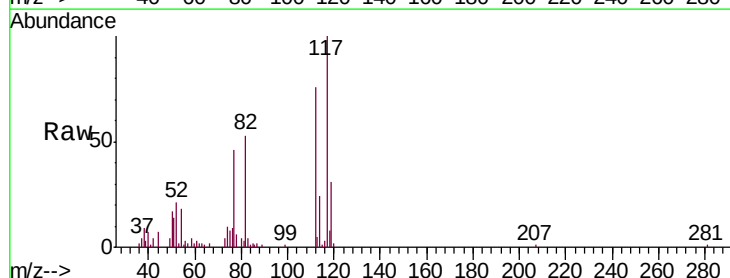
Instrument :
MSVOA_U
ClientSampleId :
C0AA7

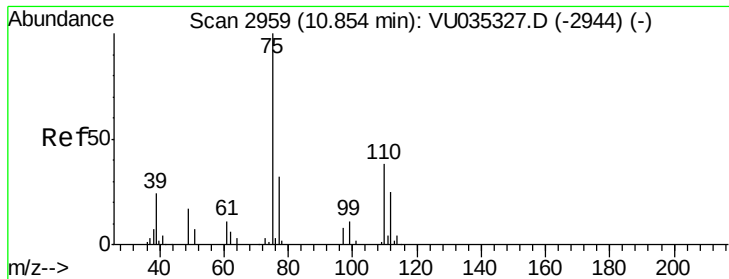
Tgt Ion: 43 Resp: 12948
Ion Ratio Lower Upper
43 100
58 50.4 45.1 67.7
57 0.0 16.0 24.0#
100 8.1 10.4 15.6#



#51
Chlorobenzene
Concen: 0.337 ug/L
RT: 9.48 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU035335.D
Acq: 21 Oct 2019 21:20

Tgt Ion: 112 Resp: 19095
Ion Ratio Lower Upper
112 100
114 31.7 23.0 42.8
77 59.9 47.5 71.3





#59

1,2,3-Trichloropropane

Concen: 0.886 ug/L

RT: 11.84 min Scan# 3267

Delta R.T. 0.99 min

Lab File: VU035335.D

Acq: 21 Oct 2019 21:20

Instrument :

MSVOA_U

ClientSampleId :

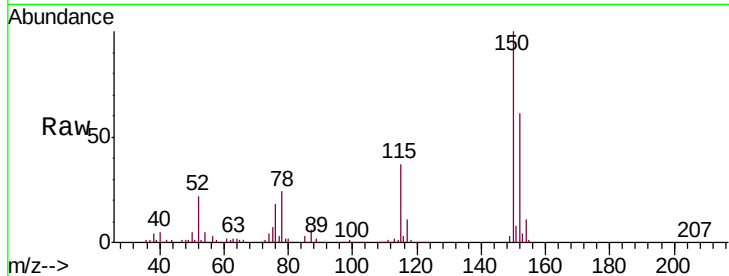
C0AA7

Tgt Ion: 75 Resp: 12458

Ion Ratio Lower Upper

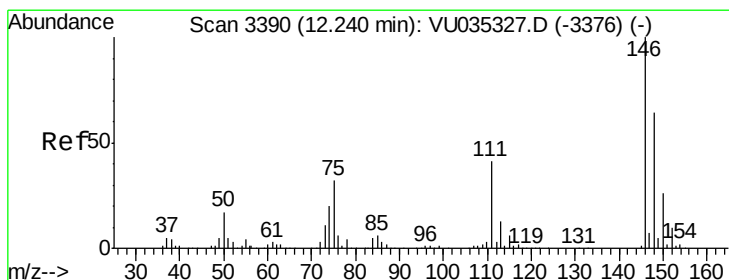
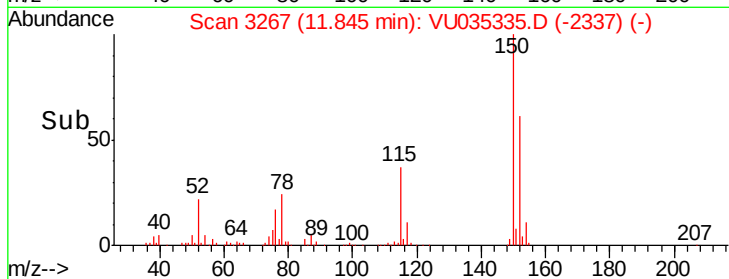
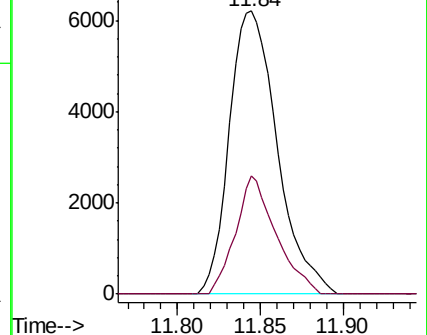
75 100

77 35.3 26.2 39.2



Abundance Ion 75.00 (74.70 to 75.70): VU035327.D (-2944) (-)

Ion 77.00 (76.70 to 77.70): VU035327.D (-2944) (-)



#65

1,2-Dichlorobenzene

Concen: 0.409 ug/L

RT: 12.24 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VU035335.D

Acq: 21 Oct 2019 21:20

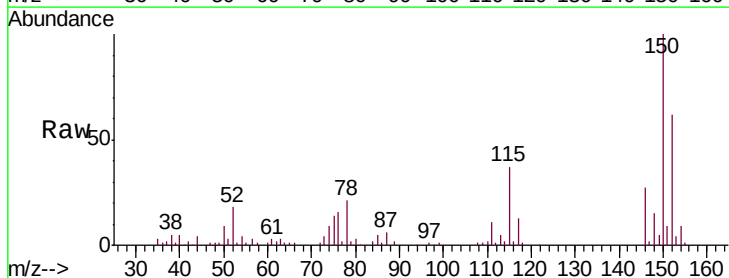
Tgt Ion: 146 Resp: 12767

Ion Ratio Lower Upper

146 100

111 42.2 33.0 49.6

148 57.3 51.0 76.4



Abundance Ion 145.95 (145.65 to 146.65): VU035327.D (-3376) (-)

Ion 111.00 (110.70 to 111.70): VU035327.D (-3376) (-)

Ion 148.00 (147.70 to 148.70): VU035327.D (-3376) (-)

