

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
 Data File : VU041185.D
 Acq On : 10 Nov 2020 18:24
 Operator : SY/MD
 Sample : L4646-19
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0W3

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 9:59:27 AM

Quant Time: Nov 11 03:32:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 11 00:43:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51132	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	53322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	22905	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	14795	3.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.80%
7) Chloroethane-d5	1.92	69	13637	4.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	2.58	63	23208	2.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.00%#
20) 2-Butanone-d5	4.65	46	83180	58.80	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.60%
24) Chloroform-d	5.08	84	39302	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.72	65	24819	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.74	84	64528	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.70	67	23322	5.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.40%
41) Toluene-d8	7.91	98	52344	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	8.19	79	8956	4.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.00%
46) 2-Hexanone-d5	8.64	63	57568	53.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.26%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	22274	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	23876	5.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	847	0.176	ug/L #	66
13) Acetone	2.66	43	1934m	2.000	ug/L	
17) Methyl tert-butyl Ether	3.39	73	1507m	0.162	ug/L	
18) trans-1,2-Dichloroethene	3.37	96	586	0.160	ug/L	70
22) cis-1,2-Dichloroethene	4.69	96	34822	9.197	ug/L	100
27) 1,2-Dichloroethane	5.81	62	8131	1.484	ug/L #	94
30) Cyclohexane	5.40	56	756	0.118	ug/L #	84
33) Benzene	5.79	78	9192	0.577	ug/L	100
34) Trichloroethene	6.56	95	26485	6.532	ug/L	99
53) m,p-Xylene	9.69	106	1612	0.260	ug/L	89

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

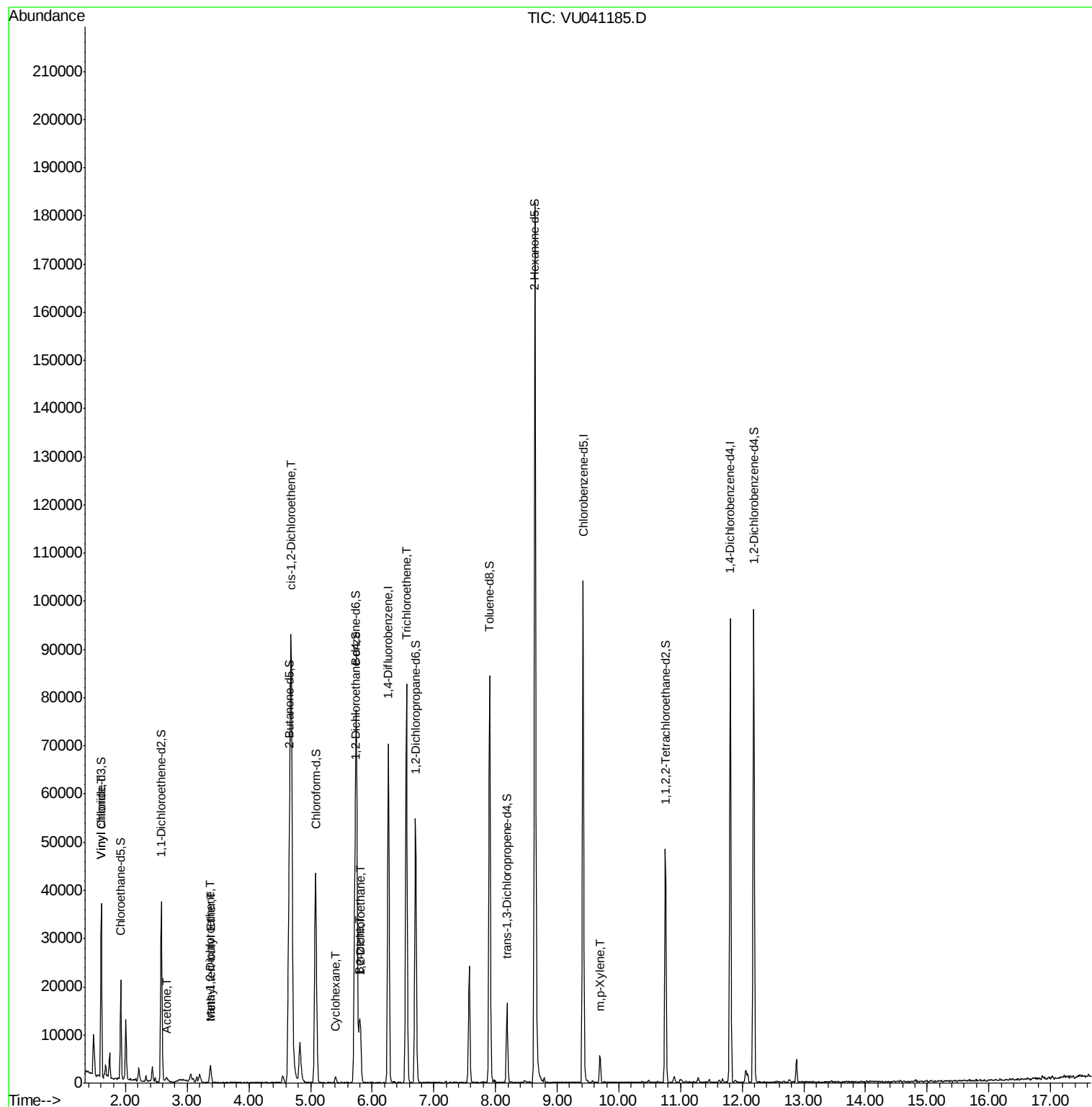
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111020\
Data File : VU041185.D
Acq On : 10 Nov 2020 18:24
Operator : SY/MD
Sample : L4646-19
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

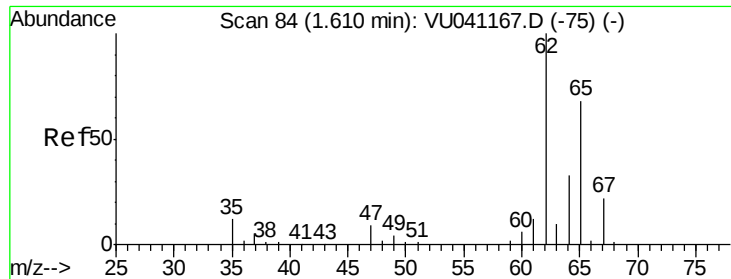
Instrument :
MSVOA_U
ClientSampleId :
GB0W3

Manual Integrations
APPROVED

MMDadoda
11/11/2020 9:59:27 AM

Quant Time: Nov 11 03:32:03 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 11 00:43:53 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.176 ug/L

RT: 1.61 min Scan# 84

Delta R.T. 0.00 min

Lab File: VU041185.D

Acq: 10 Nov 2020 18:24

Instrument :

MSVOA_U

ClientSampled :

GB0W3

Tot Ion: 62 Resp: 847

Ion Ratio Lower Upper

62 100

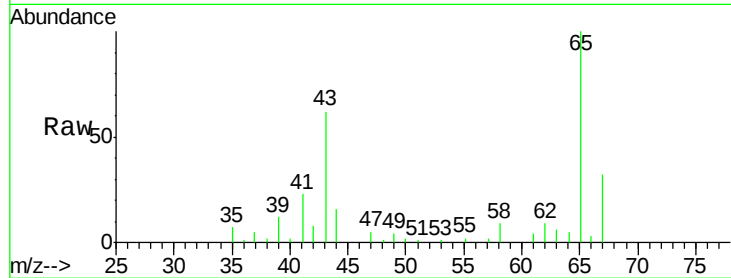
64 51.3 22.7 42.3#

Manual Integrations

APPROVED

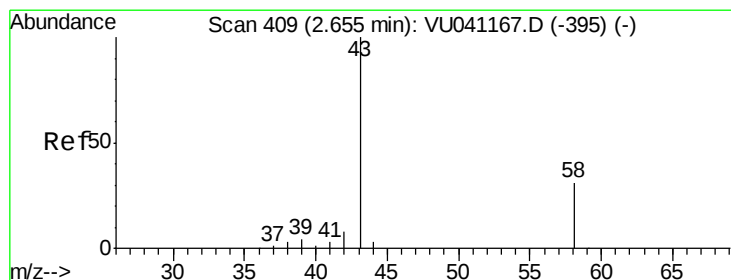
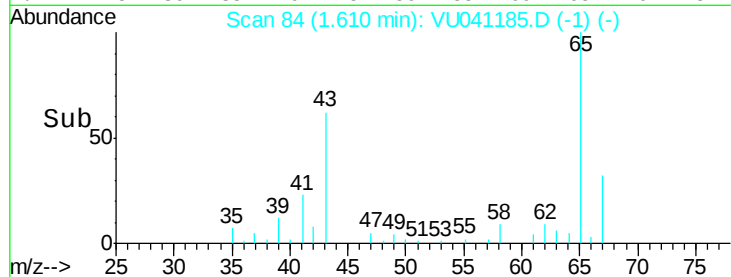
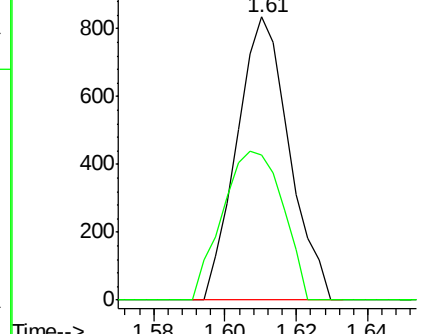
MMDadoda

11/11/2020 9:59:27 AM



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0



#13

Acetone

Concen: 2.000 ug/L m

RT: 2.66 min Scan# 410

Delta R.T. 0.00 min

Lab File: VU041185.D

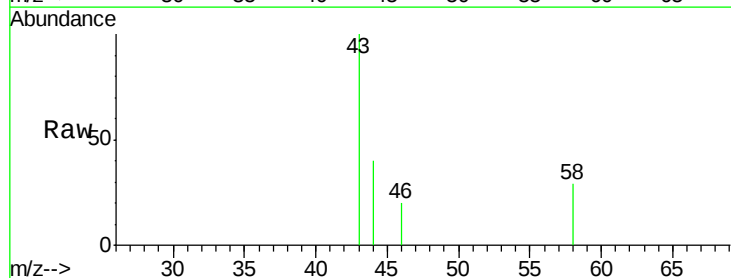
Acq: 10 Nov 2020 18:24

Tgt Ion: 43 Resp: 1934

Ion Ratio Lower Upper

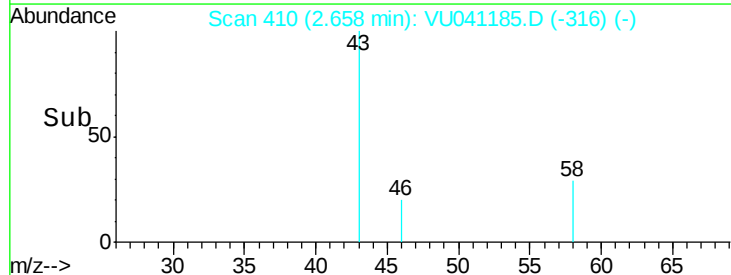
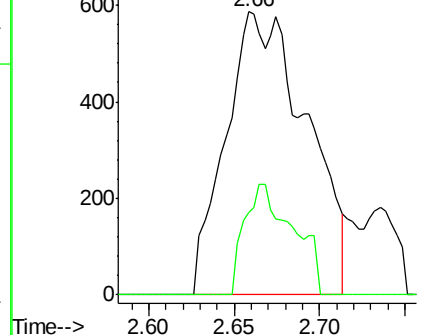
43 100

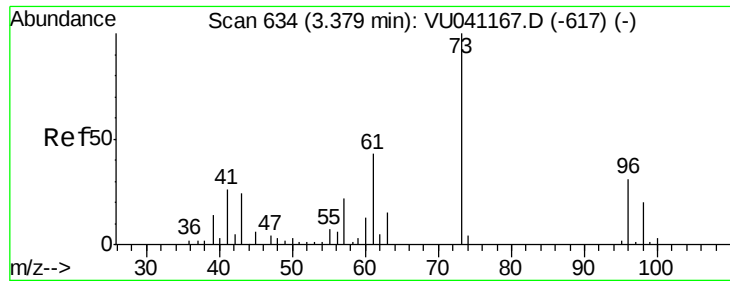
58 23.3 0.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0





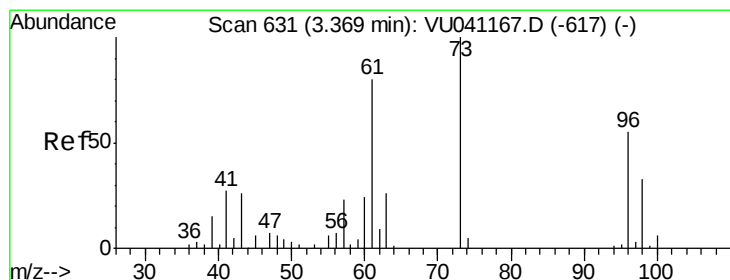
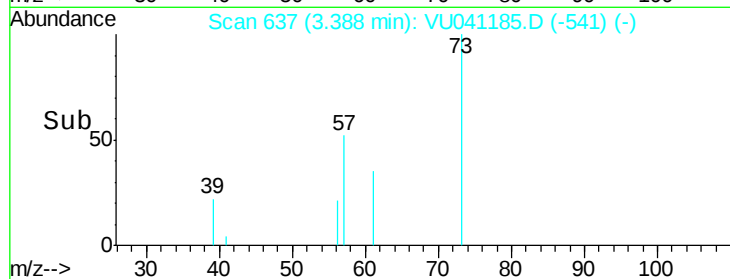
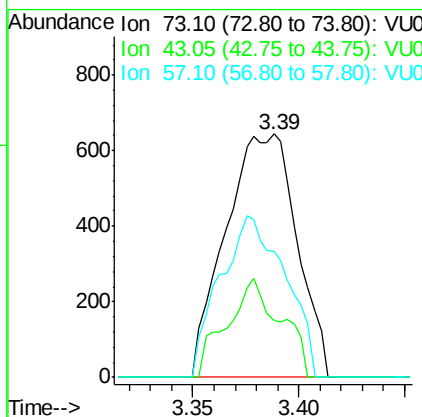
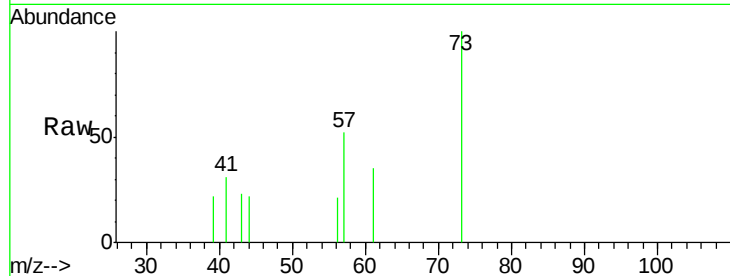
#17
Methvl tert-butvl Ether
Concen: 0.162 ug/L m
RT: 3.39 min Scan# 637
Delta R.T. 0.01 min
Lab File: VU041185.D
Acq: 10 Nov 2020 18:24

Instrument :
MSVOA_U
ClientSampleId :
GB0W3

Tot Ion: 73 Resp: 1507
Ion Ratio Lower Upper
73 100
43 30.7 18.5 27.7#
57 60.8 18.4 27.6#

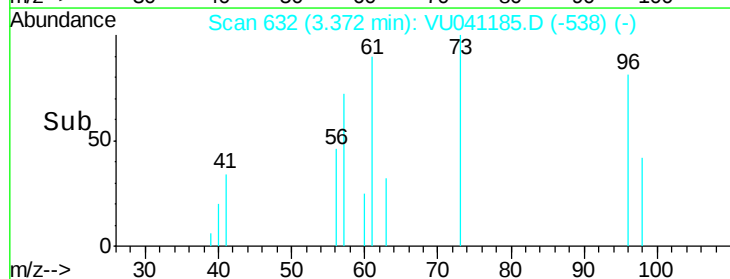
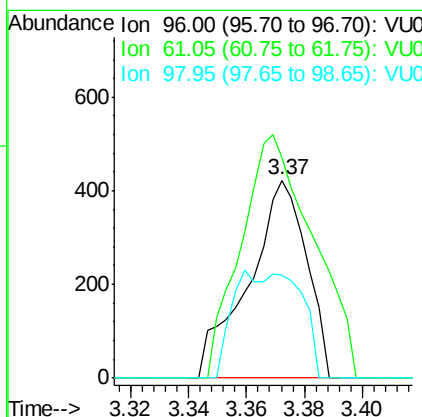
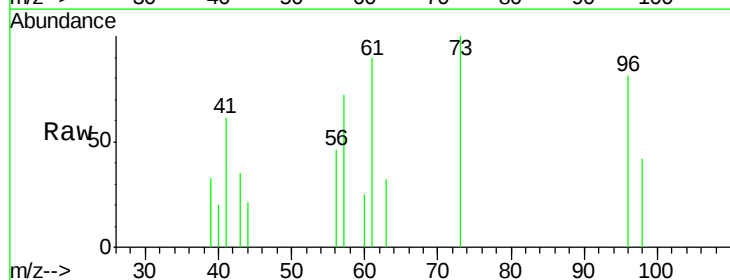
Manual Integrations
APPROVED

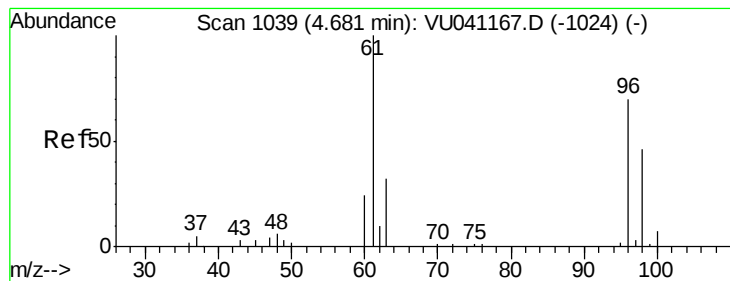
MMDadoda
11/11/2020 9:59:27 AM



#18
trans-1,2-Dichloroethene
Concen: 0.160 ug/L
RT: 3.37 min Scan# 632
Delta R.T. 0.00 min
Lab File: VU041185.D
Acq: 10 Nov 2020 18:24

Tgt Ion: 96 Resp: 586
Ion Ratio Lower Upper
96 100
61 111.3 110.9 205.9
98 52.0 45.4 84.2





#22

cis-1,2-Dichloroethene

Concen: 9.197 ug/L

RT: 4.69 min Scan# 1041

Delta R.T. 0.01 min

Lab File: VU041185.D

Acq: 10 Nov 2020 18:24

Instrument :

MSVOA_U

ClientSampleId :

GB0W3

Tot Ion: 96 Resp: 34822

Ion Ratio Lower Upper

96 100

61 138.9 97.2 180.4

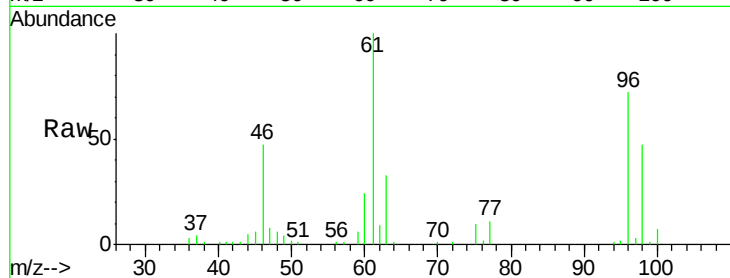
68 0.0 0.0 0.0

Manual Integrations

APPROVED

MMDadoda

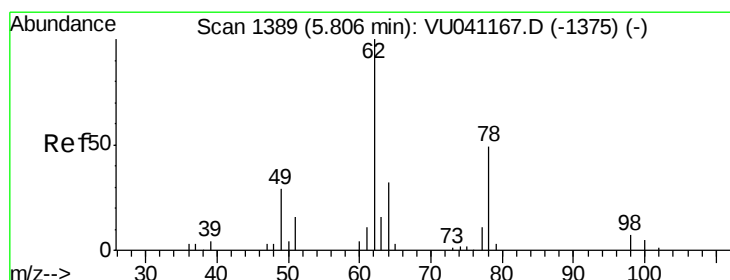
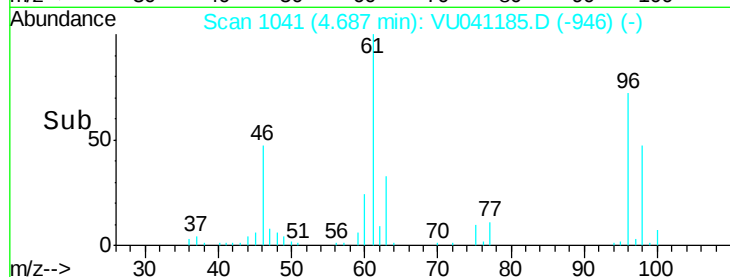
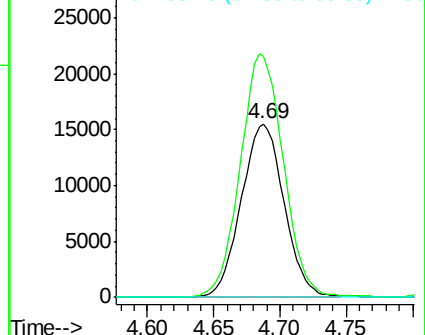
11/11/2020 9:59:27 AM



Abundance Ion 96.00 (95.70 to 96.70): VU041185.D (-946) (-)

Ion 61.05 (60.75 to 61.75): VU041185.D (-946) (-)

Ion 68.15 (67.85 to 68.85): VU041185.D (-946) (-)



#27

1,2-Dichloroethane

Concen: 1.484 ug/L

RT: 5.81 min Scan# 1391

Delta R.T. 0.01 min

Lab File: VU041185.D

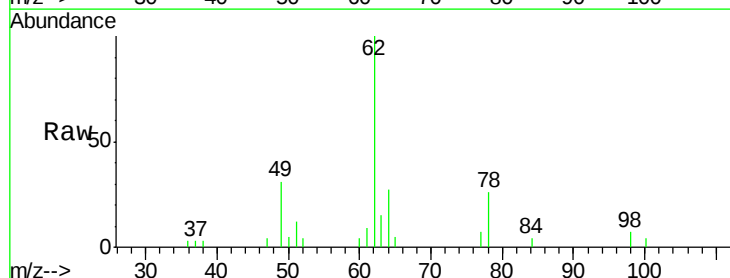
Acq: 10 Nov 2020 18:24

Tgt Ion: 62 Resp: 8131

Ion Ratio Lower Upper

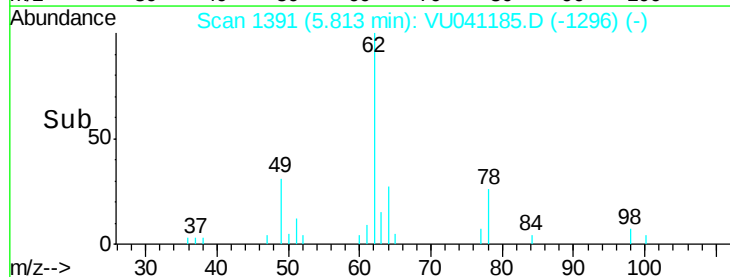
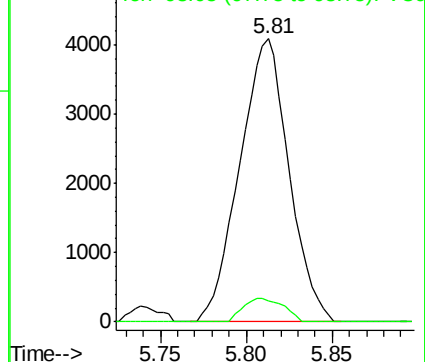
62 100

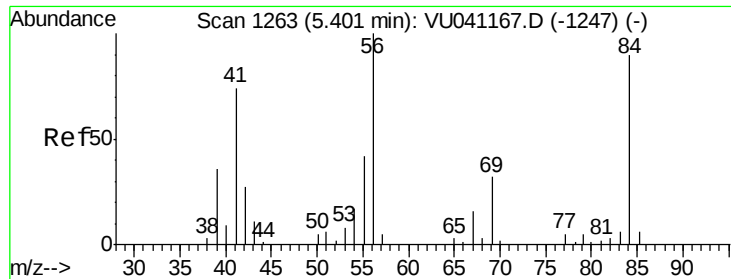
98 7.4 7.6 11.4#



Abundance Ion 62.00 (61.70 to 62.70): VU041185.D (-1296) (-)

Ion 98.05 (97.75 to 98.75): VU041185.D (-1296) (-)





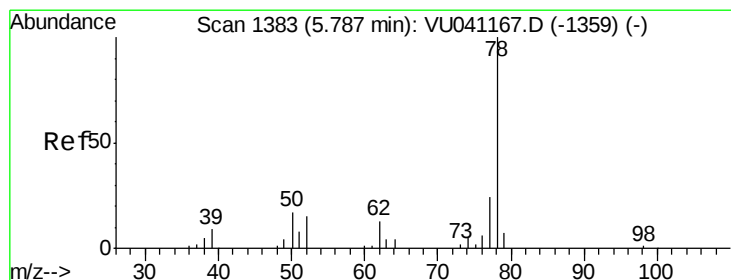
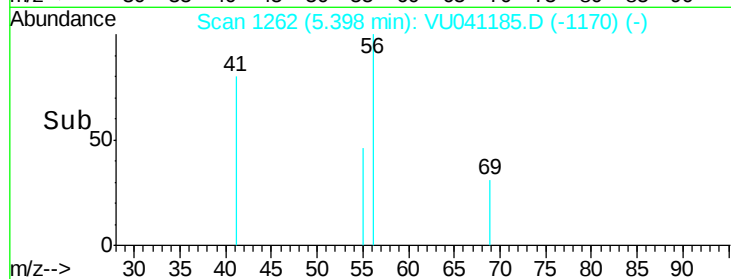
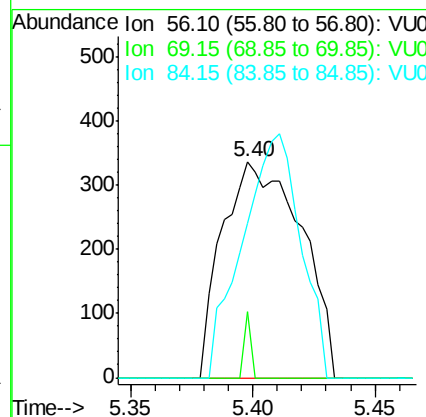
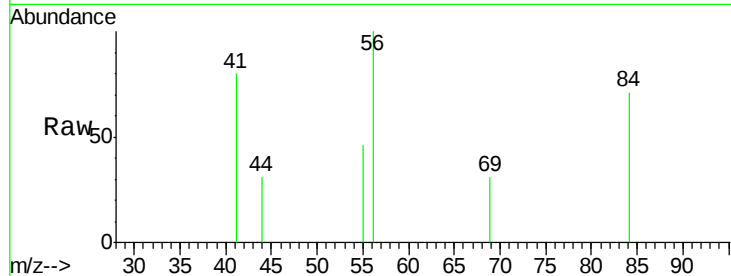
#30
Cyclohexane
Concen: 0.118 ug/L
RT: 5.40 min Scan# 1262
Delta R.T. -0.00 min
Lab File: VU041185.D
Acq: 10 Nov 2020 18:24

Instrument :
MSVOA_U
ClientSampleId :
GB0W3

Tot Ion	Ratio	Lower	Upper
56	100		
69	2.6	22.8	34.2#
84	82.7	63.6	95.4

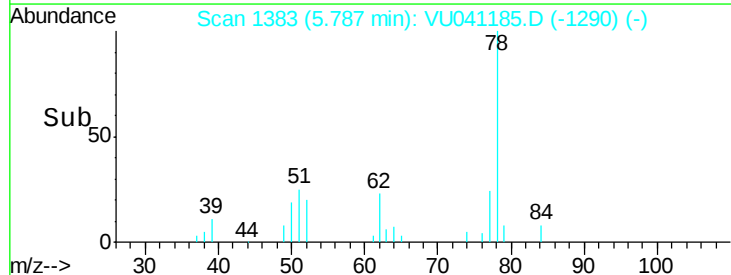
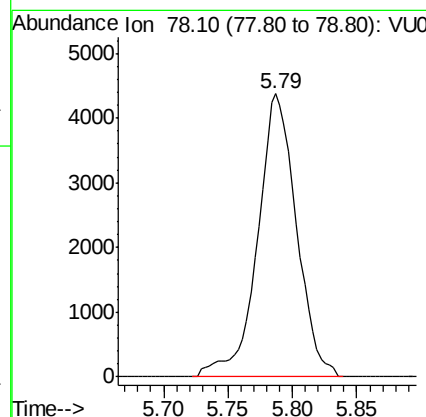
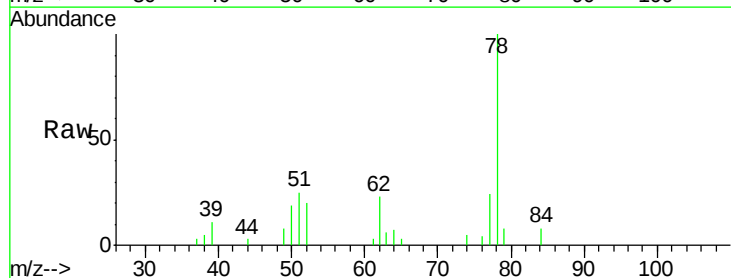
Manual Integrations
APPROVED

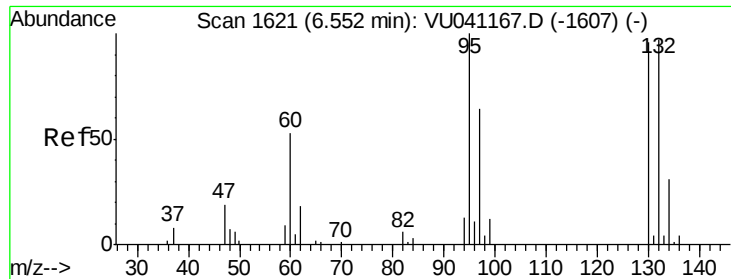
MMDadoda
11/11/2020 9:59:27 AM



#33
Benzene
Concen: 0.577 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VU041185.D
Acq: 10 Nov 2020 18:24

Tgt Ion: 78 Resp: 9192





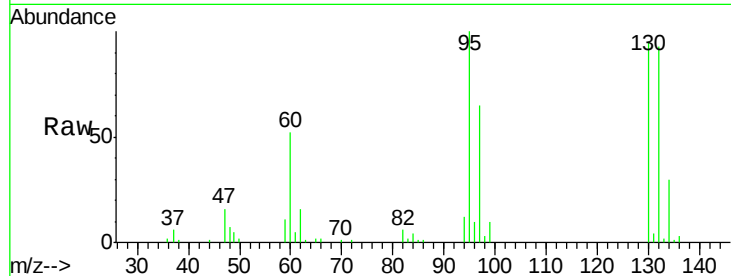
#34
 Trichloroethene
 Concen: 6.532 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU041185.D
 Acq: 10 Nov 2020 18:24

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0W3

Tot Ion	Ratio	Resp	Lower	Upper
95	100	26485		
97	64.8		45.6	84.6
132	93.1		64.8	120.4
130	94.8		64.8	120.4

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 9:59:27 AM

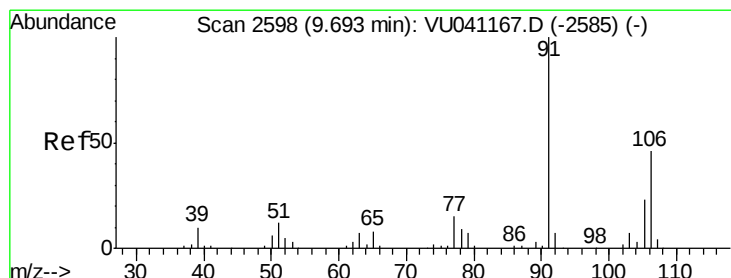
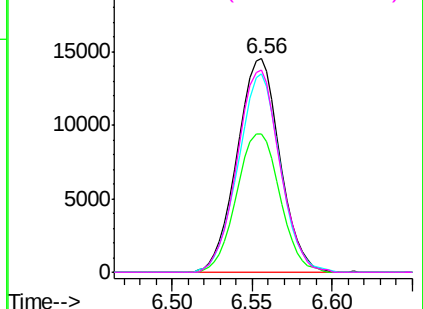
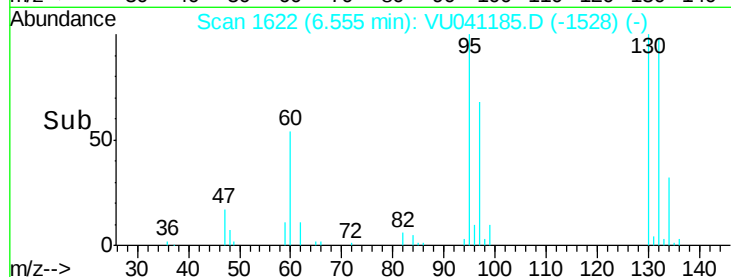


Abundance Ion 95.00 (94.70 to 95.70): VU041185.D (-1528) (-)

Ion 96.95 (96.65 to 97.65): VU041185.D (-1528) (-)

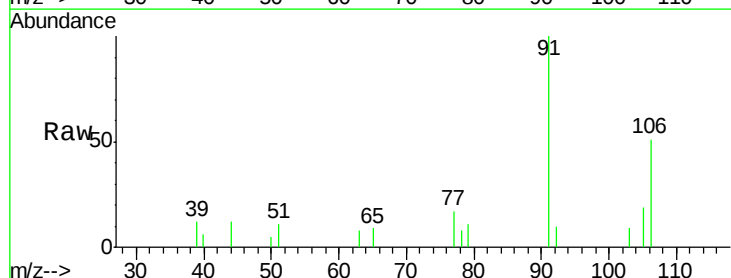
Ion 131.95 (131.65 to 132.65): VU041185.D (-1528) (-)

Ion 129.95 (129.65 to 130.65): VU041185.D (-1528) (-)



#53
 m,p-Xylene
 Concen: 0.260 ug/L
 RT: 9.69 min Scan# 2598
 Delta R.T. 0.00 min
 Lab File: VU041185.D
 Acq: 10 Nov 2020 18:24

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	1612		
91	197.6		150.9	280.3



Abundance Ion 106.15 (105.85 to 106.85): VU041185.D (-2505) (-)

Ion 91.15 (90.85 to 91.85): VU041185.D (-2505) (-)

