

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071720\
 Data File : VU039543.D
 Acq On : 17 Jul 2020 11:48
 Operator : SY/MD
 Sample : L3292-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFTA1

Manual Integrations
 APPROVED

MMDadoda
 7/20/2020 11:46:49 AM

Quant Time: Jul 18 00:10:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 17 23:38:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	78618	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	74989	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35272	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20617	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	1.92	69	23675	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.58	63	31668	3.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.60%
20) 2-Butanone-d5	4.66	46	94116	45.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.28%
24) Chloroform-d	5.09	84	47781	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.72	65	31553	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.75	84	91931	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.71	67	32109	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.91	98	82156	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
43) trans-1,3-Dichloropropene-	8.19	79	12149	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.64	63	69312	41.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.44%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	27466	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	32816	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds					Ovalue
3) Chloromethane	1.53	50	1882	0.326 ug/L	93
13) Acetone	2.66	43	7624m	6.775 ug/L	
21) 2-Butanone	4.74	43	8025	3.995 ug/L	75
25) Chloroform	5.11	83	3089	0.302 ug/L	96
34) Trichloroethene	6.56	95	7054	1.217 ug/L	93
47) Tetrachloroethene	8.56	164	4698	1.165 ug/L	92

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

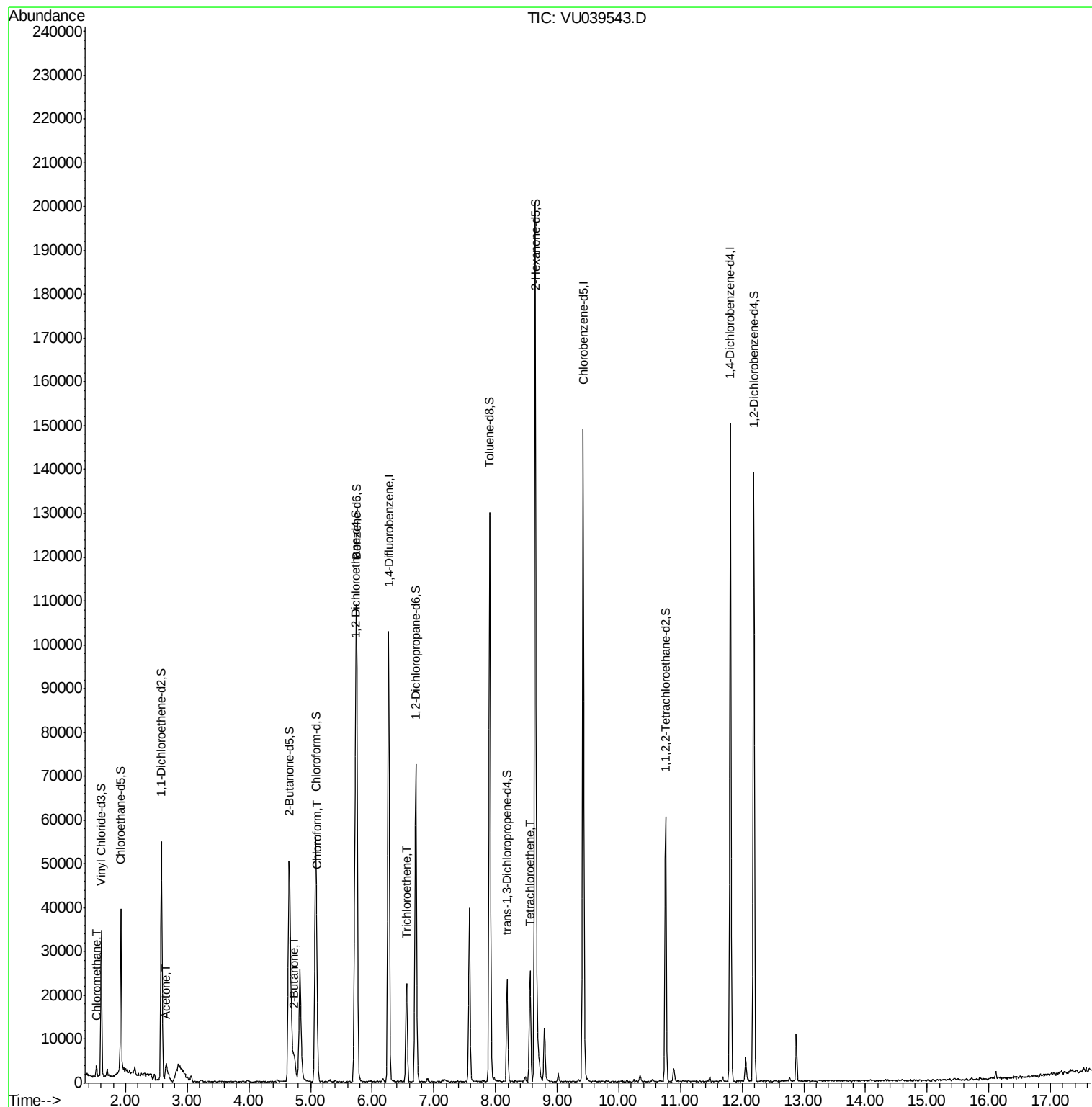
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU071720\
Data File : VU039543.D
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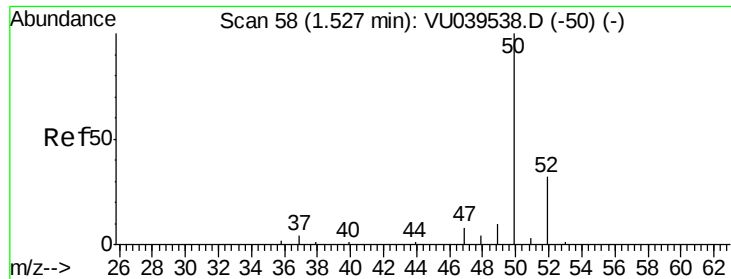
Instrument :
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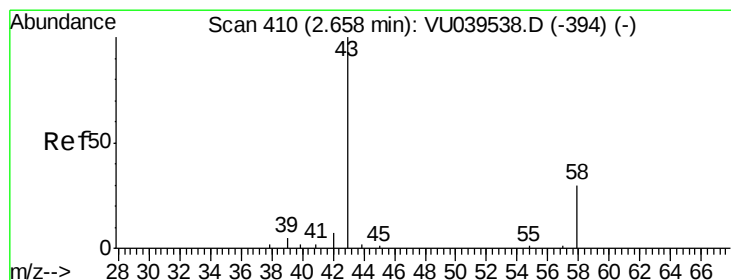
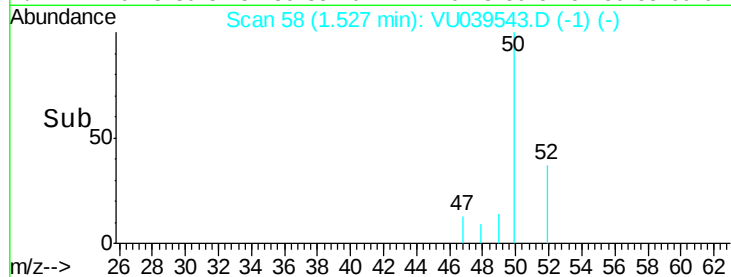
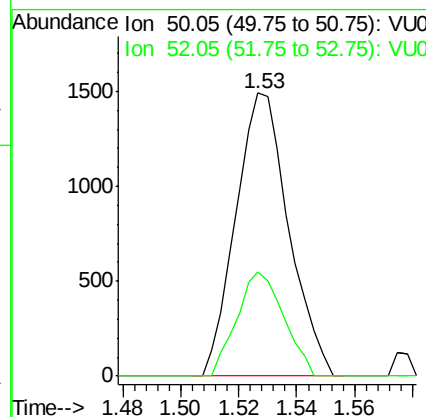
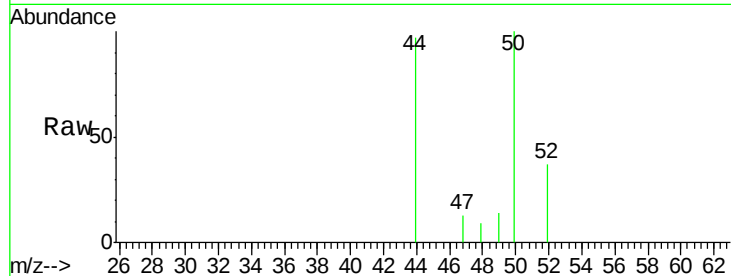
#3
 Chloromethane
 Concen: 0.326 ug/L
 RT: 1.53 min Scan# 58
 Delta R.T. 0.00 min
 Lab File: VU039543.D
 Acq: 17 Jul 2020 11:48

Instrument :
 MSVOA_U
 ClientSampleId :
 BFTA1

Tot Ion	Ratio	Lower	Upper
50	100		
52	36.8	23.0	42.8

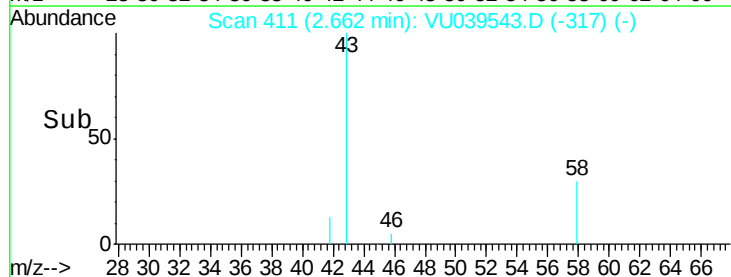
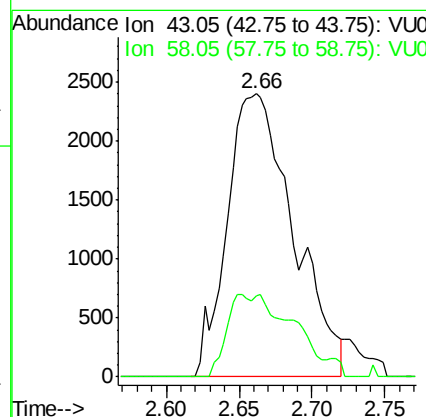
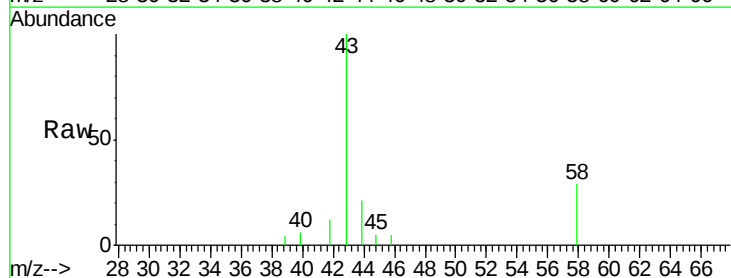
Manual Integrations
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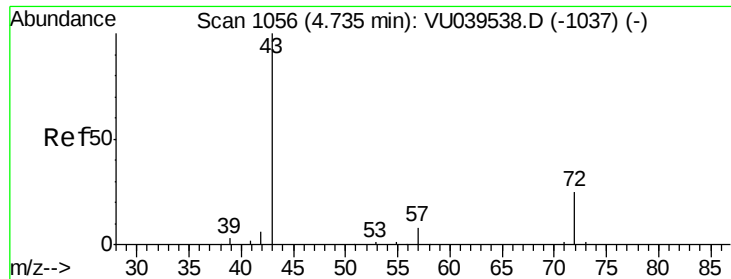
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#13
 Acetone
 Concen: 6.775 ug/L m
 RT: 2.66 min Scan# 411
 Delta R.T. 0.00 min
 Lab File: VU039543.D
 Acq: 17 Jul 2020 11:48

Tgt Ion	Ratio	Lower	Upper
43	100		
58	11.1	0.0	62.8





#21

2-Butanone

Concen: 3.995 ug/L

RT: 4.74 min Scan# 1056

Delta R.T. 0.00 min

Lab File: VU039543.D

Acq: 17 Jul 2020 11:48

Instrument :

MSVOA_U

ClientSampleId :

BFTA1

Tot Ion: 43 Resp: 8025

Ion Ratio Lower Upper

43 100

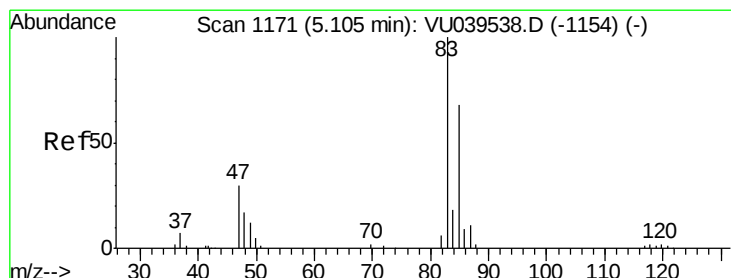
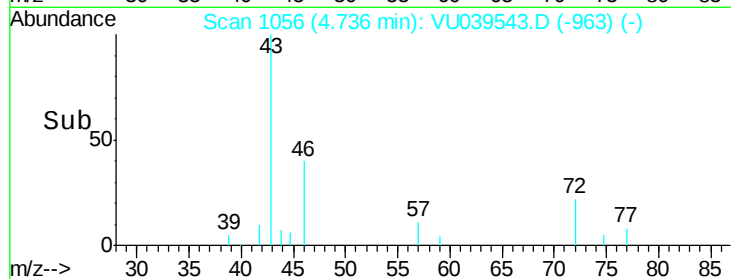
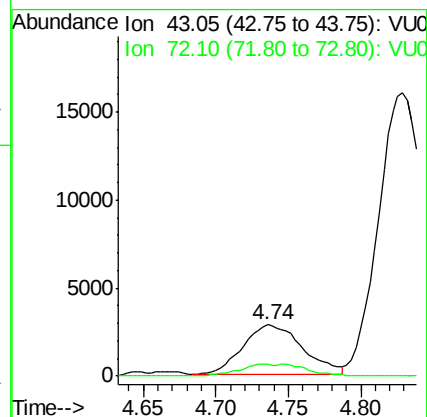
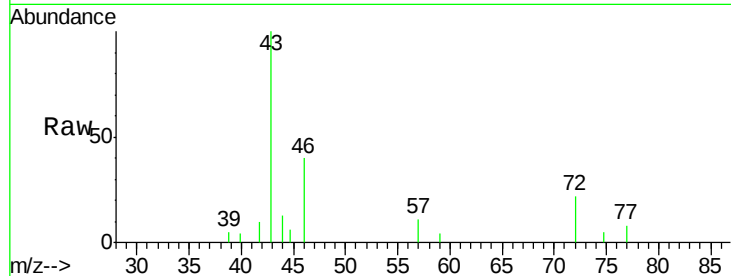
72 13.5 13.2 39.5

Manual Integrations

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#25

Chloroform

Concen: 0.302 ug/L

RT: 5.11 min Scan# 1172

Delta R.T. 0.00 min

Lab File: VU039543.D

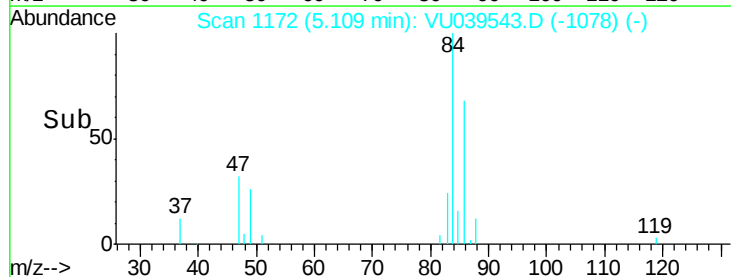
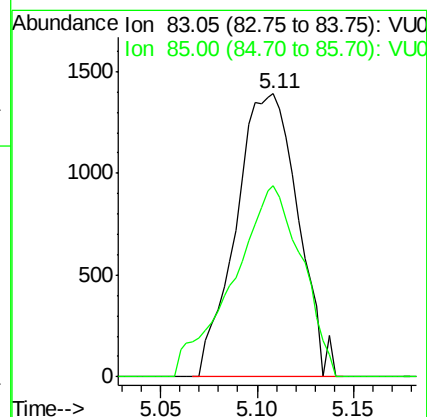
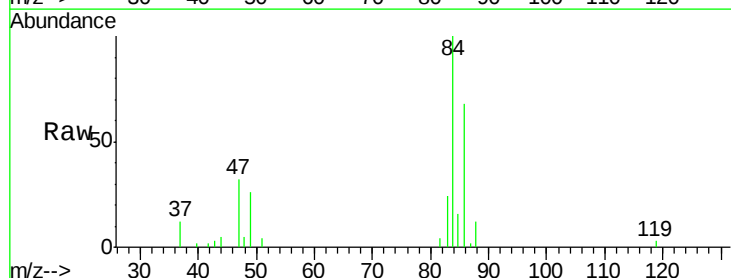
Acq: 17 Jul 2020 11:48

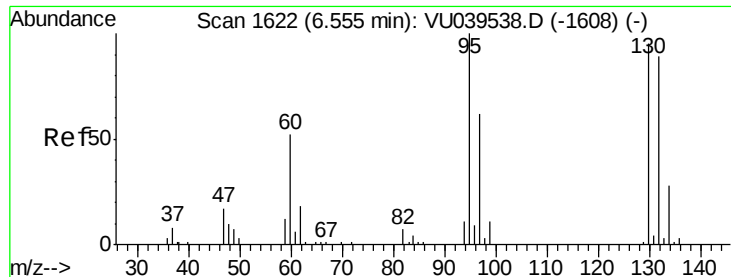
Tgt Ion: 83 Resp: 3089

Ion Ratio Lower Upper

83 100

85 67.6 44.9 83.5





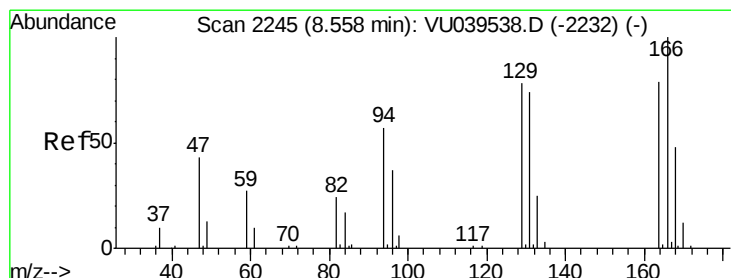
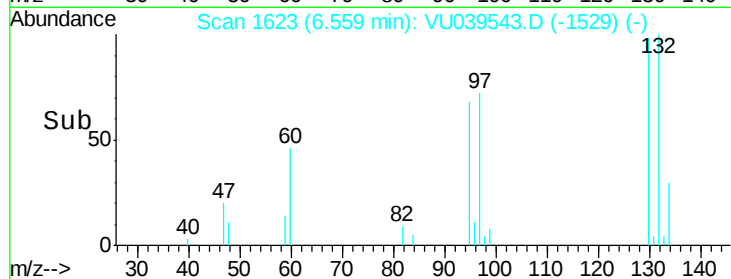
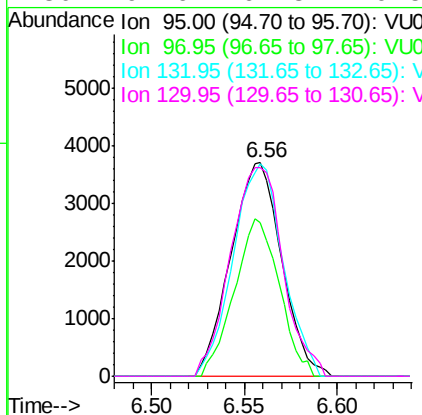
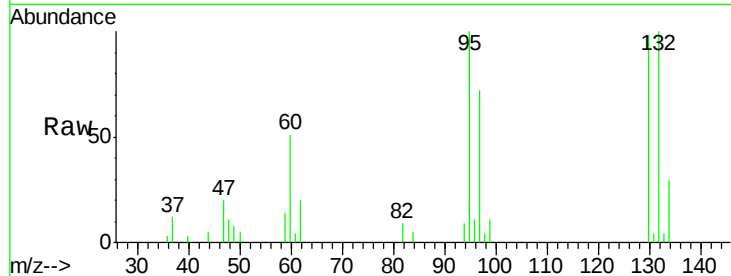
#34
 Trichloroethene
 Concen: 1.217 ug/L
 RT: 6.56 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: VU039543.D
 Acq: 17 Jul 2020 11:48

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Tot Ion:	95	Resp:	7054
Ion	Ratio	Lower	Upper
95	100		
97	71.9	46.3	85.9
132	99.6	64.0	118.8
130	97.6	64.3	119.5

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#47
 Tetrachloroethene
 Concen: 1.165 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU039543.D
 Acq: 17 Jul 2020 11:48

Tgt Ion:	164	Resp:	4698
Ion	Ratio	Lower	Upper
164	100		
129	99.7	68.6	127.4
131	106.9	66.4	123.4
166	134.0	85.9	159.5

