

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103020\
 Data File : VU041026.D
 Acq On : 29 Oct 2020 20:13
 Operator : SY/MD
 Sample : L4558-08
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ1

Quant Time: Oct 30 07:58:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 30 08:06:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	51994	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	52662	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	21850	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	15441	3.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.60%
7) Chloroethane-d5	1.92	69	13067	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.80%
11) 1,1-Dichloroethene-d2	2.58	63	27753	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.67	46	82472	57.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.66%
24) Chloroform-d	5.08	84	34158	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.72	65	23265	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.74	84	59646	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
36) 1,2-Dichloropropane-d6	6.70	67	22801	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.91	98	47986	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.20%
43) trans-1,3-Dichloropropene-	8.19	79	8541	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	8.64	63	54938	51.33	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.66%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	20711	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	18898	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

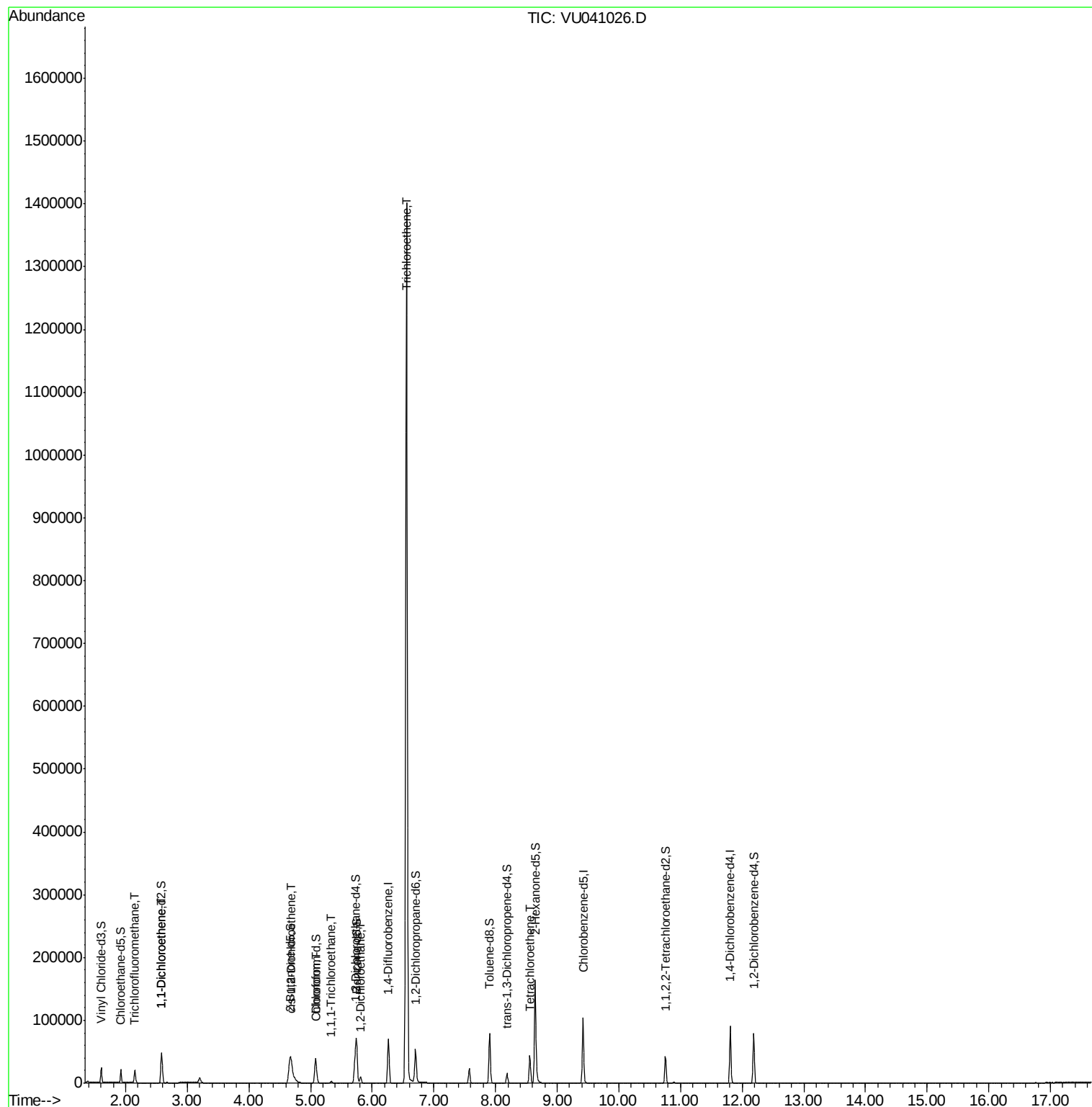
					Ovalue
9) Trichlorofluoromethane	2.15	101	12922	1.947 ug/L	100
12) 1,1-Dichloroethene	2.59	96	5306	1.445 ug/L	# 38
22) cis-1,2-Dichloroethene	4.69	96	3377	0.877 ug/L	90
25) Chloroform	5.11	83	1898	0.254 ug/L	89
27) 1,2-Dichloroethane	5.81	62	8207	1.473 ug/L	98
29) 1,1,1-Trichloroethane	5.34	97	1991	0.309 ug/L	98
34) Trichloroethene	6.56	95	469091	117.141 ug/L	97
47) Tetrachloroethene	8.56	164	8634	2.932 ug/L	97

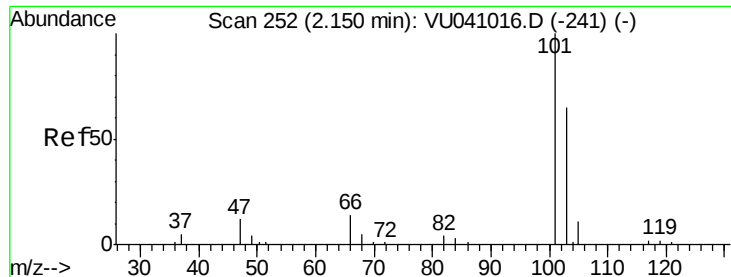
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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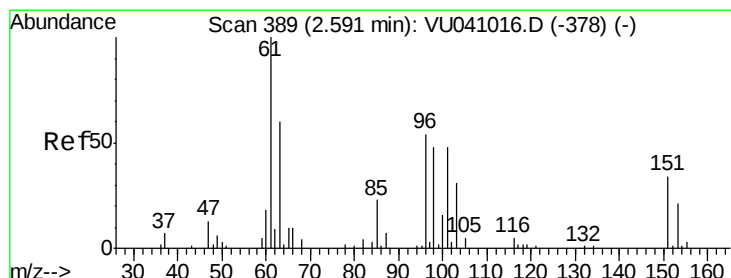
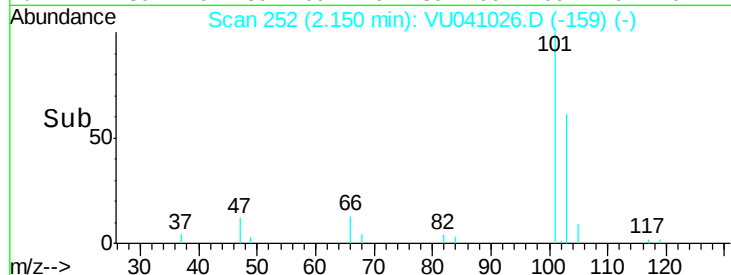
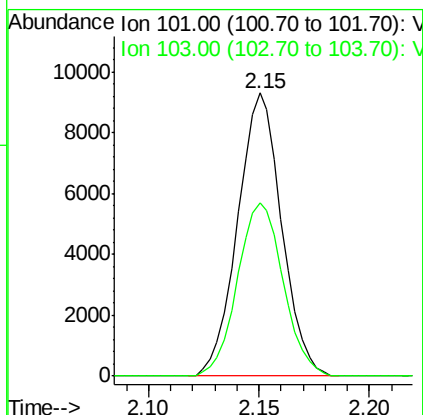
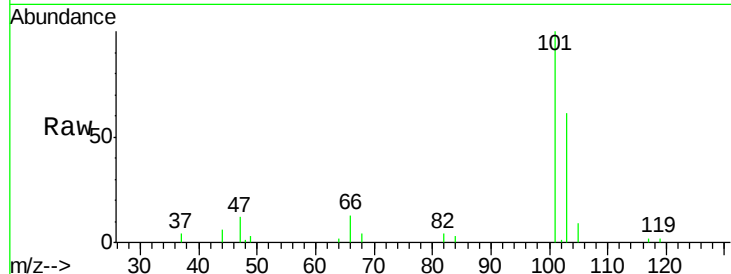




#9
 Trichlorofluoromethane
 Concen: 1.947 ug/L
 RT: 2.15 min Scan# 252
 Delta R.T. -0.00 min
 Lab File: VU041026.D
 Acq: 29 Oct 2020 20:13

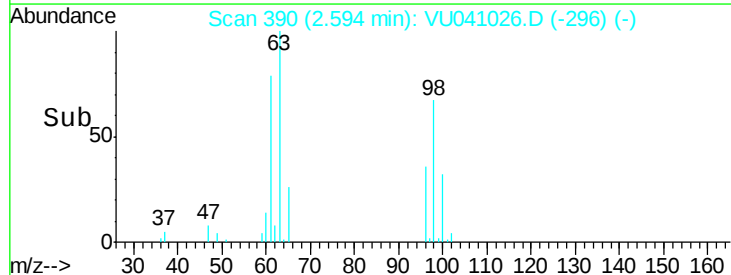
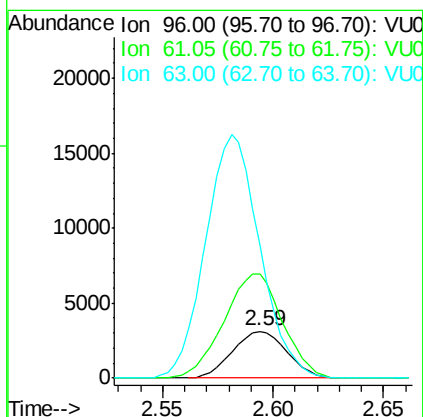
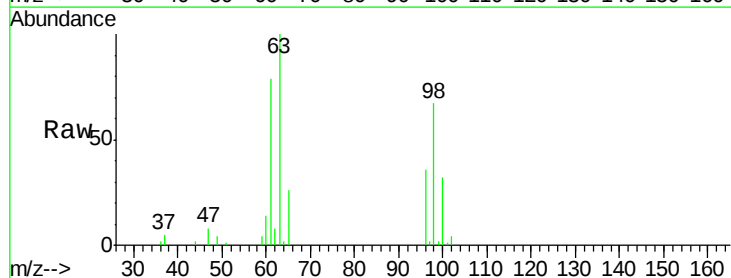
Instrument :
 MSVOA_U
 ClientSampleId :
 C0BQ1

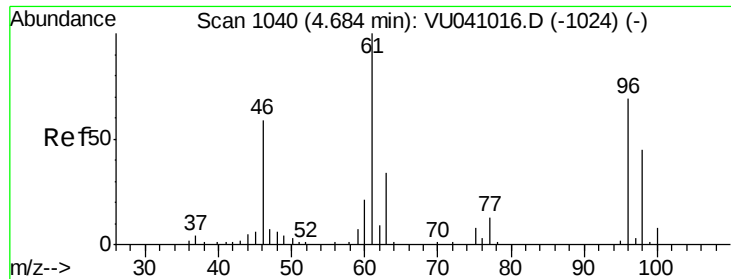
Tot Ion:101 Resp: 12922
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.0 76.4



#12
 1,1-Dichloroethene
 Concen: 1.445 ug/L
 RT: 2.59 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: VU041026.D
 Acq: 29 Oct 2020 20:13

Tgt Ion: 96 Resp: 5306
 Ion Ratio Lower Upper
 96 100
 61 220.5 134.3 249.5
 63 280.5 95.0 176.4#





#22

cis-1,2-Dichloroethene

Concen: 0.877 ug/L

RT: 4.69 min Scan# 1042

Delta R.T. 0.01 min

Lab File: VU041026.D

Acq: 29 Oct 2020 20:13

Instrument :

MSVOA_U

ClientSampleId :

C0BQ1

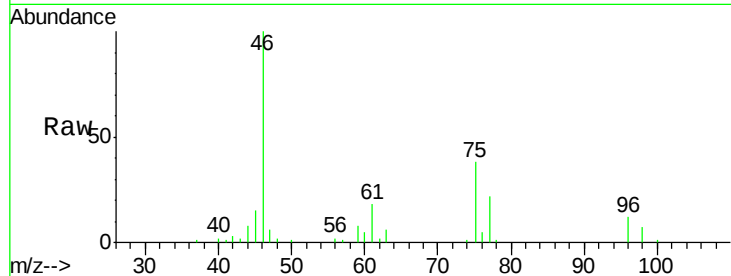
Tot Ion: 96 Resp: 3377

Ion Ratio Lower Upper

96 100

61 150.6 97.2 180.4

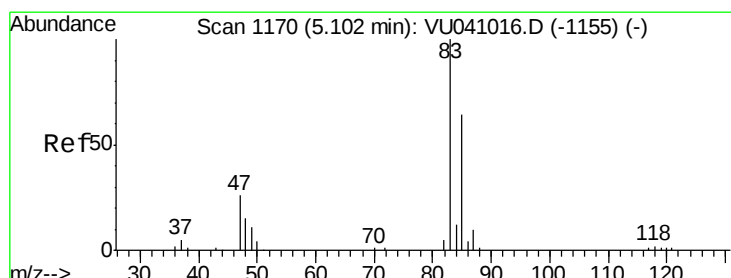
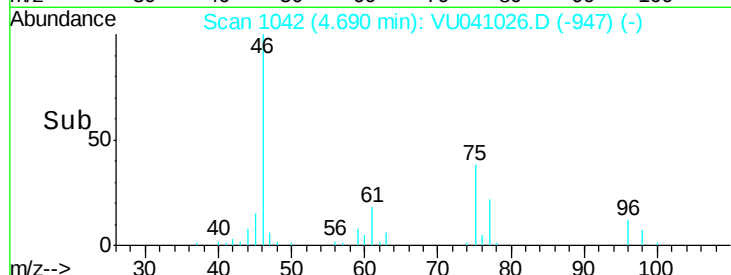
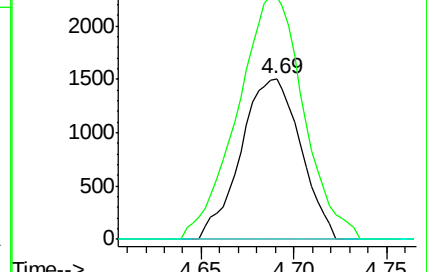
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU041016.D (-1024) (-)

Ion 61.05 (60.75 to 61.75): VU041016.D (-1024) (-)

Ion 68.15 (67.85 to 68.85): VU041016.D (-1024) (-)



#25

Chloroform

Concen: 0.254 ug/L

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU041026.D

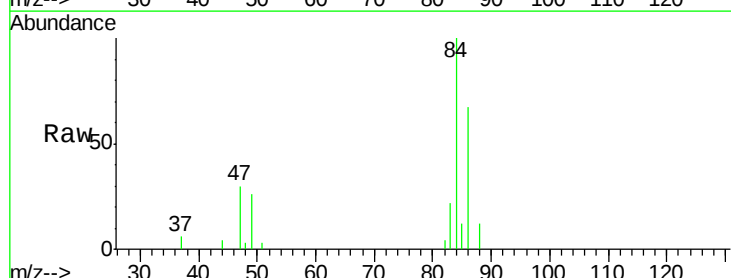
Acq: 29 Oct 2020 20:13

Tgt Ion: 83 Resp: 1898

Ion Ratio Lower Upper

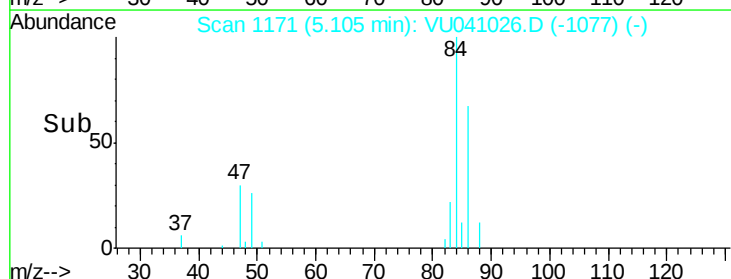
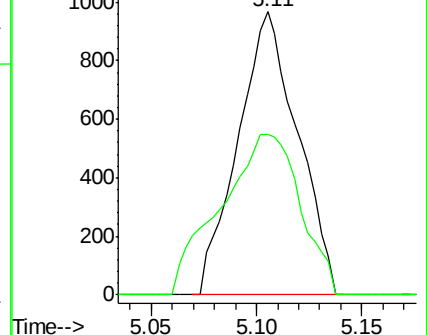
83 100

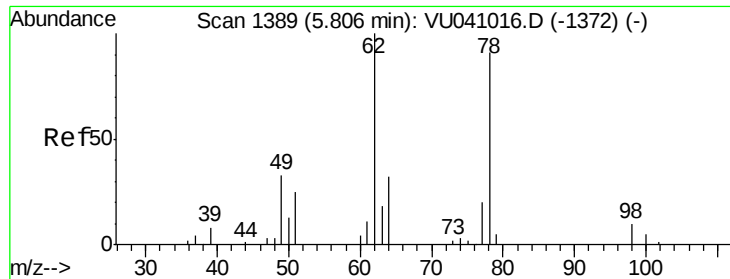
85 56.8 46.1 85.7



Abundance Ion 83.05 (82.75 to 83.75): VU041016.D (-1155) (-)

Ion 85.00 (84.70 to 85.70): VU041016.D (-1155) (-)

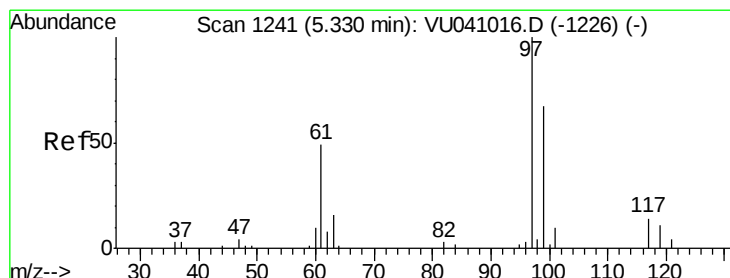
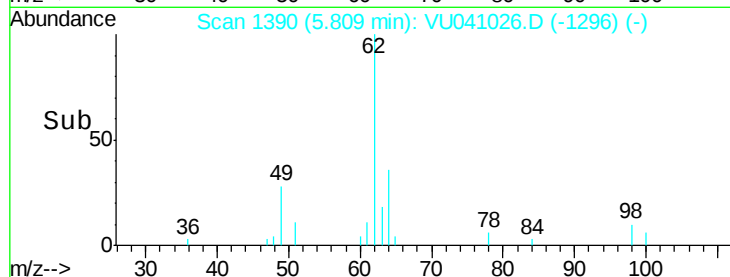
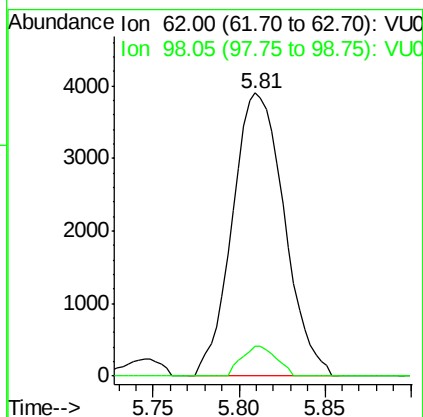
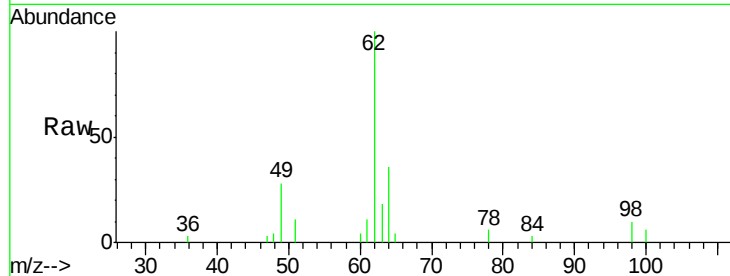




#27
 1,2-Dichloroethane
 Concen: 1.473 ug/L
 RT: 5.81 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: VU041026.D
 Acq: 29 Oct 2020 20:13

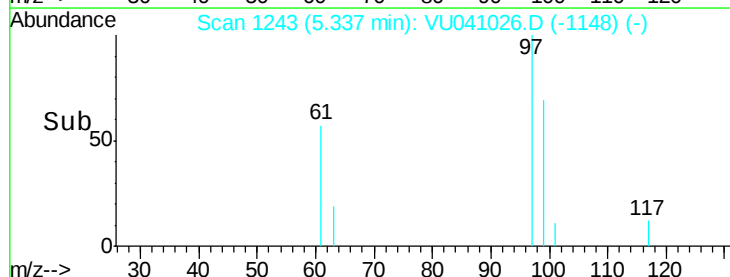
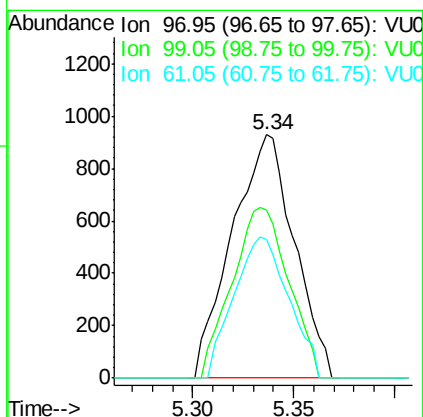
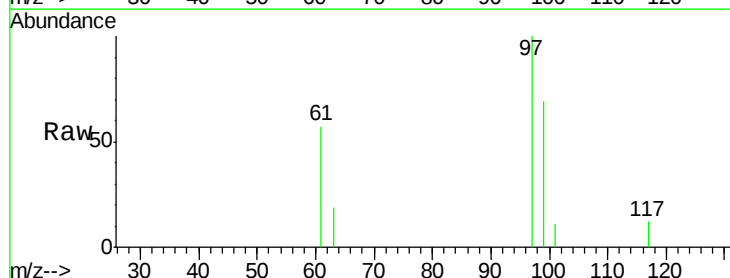
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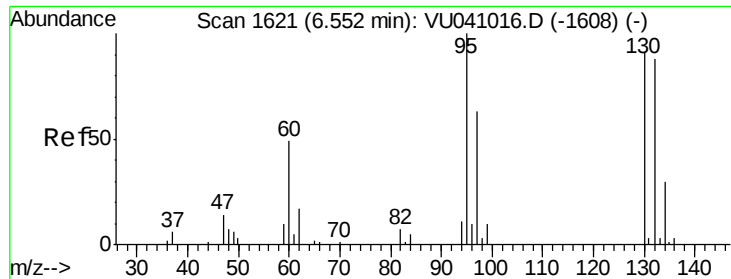
Tot Ion: 62 Resp: 8207
 Ion Ratio Lower Upper
 62 100
 98 10.4 7.6 11.4



#29
 1,1,1-Trichloroethane
 Concen: 0.309 ug/L
 RT: 5.34 min Scan# 1243
 Delta R.T. 0.01 min
 Lab File: VU041026.D
 Acq: 29 Oct 2020 20:13

Tgt Ion: 97 Resp: 1991
 Ion Ratio Lower Upper
 97 100
 99 64.0 53.4 80.0
 61 51.3 41.6 62.4

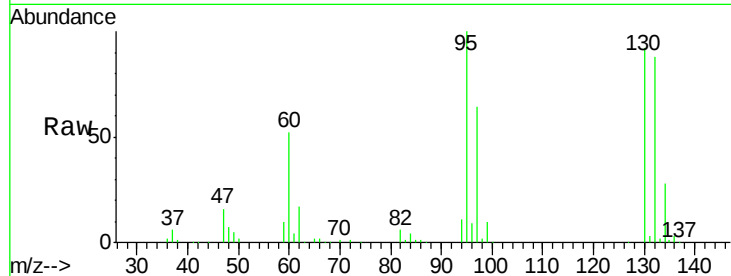




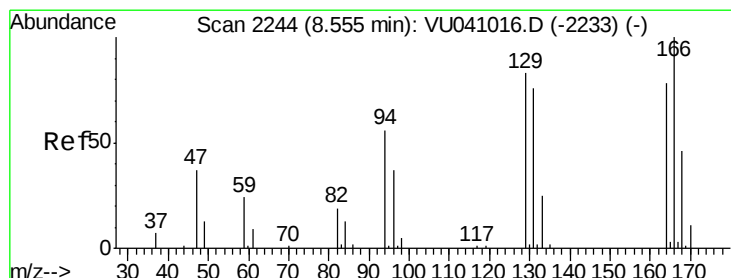
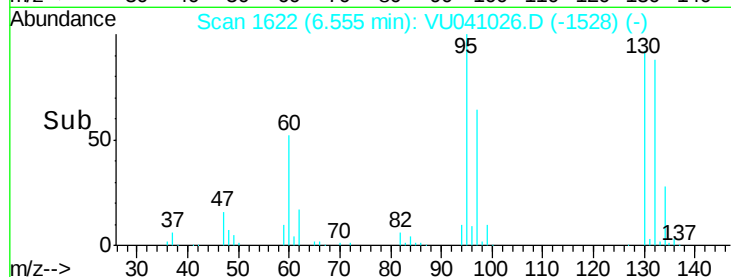
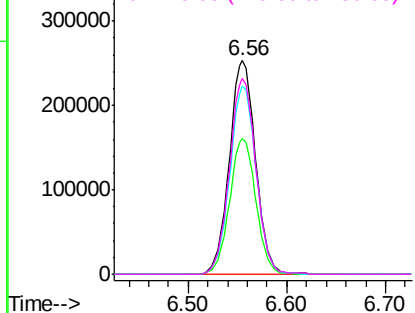
#34
 Trichloroethene
 Concen: 117.141 ug/L
 RT: 6.56 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: VU041026.D
 Acq: 29 Oct 2020 20:13

Instrument :
 MSVOA_U
 ClientSampleId :
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Tot Ion:	95	Resp:	469091
Ion	Ratio	Lower	Upper
95	100		
97	63.7	45.6	84.6
132	88.2	64.8	120.4
130	91.6	64.8	120.4

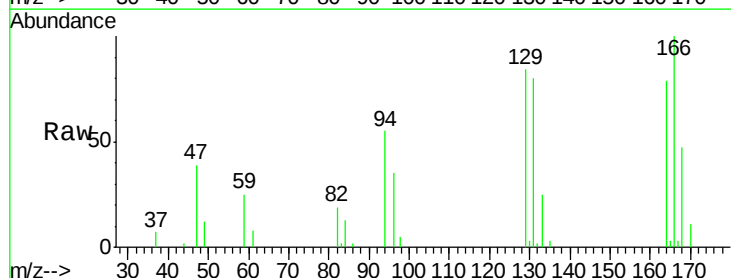


Abundance Ion 95.00 (94.70 to 95.70): VU041026.D (-1608) (-)
 Ion 96.95 (96.65 to 97.65): VU041026.D (-1608) (-)
 Ion 131.95 (131.65 to 132.65): VU041026.D (-1608) (-)
 Ion 129.95 (129.65 to 130.65): VU041026.D (-1608) (-)



#47
 Tetrachloroethene
 Concen: 2.932 ug/L
 RT: 8.56 min Scan# 2245
 Delta R.T. 0.00 min
 Lab File: VU041026.D
 Acq: 29 Oct 2020 20:13

Tgt Ion:	164	Resp:	8634
Ion	Ratio	Lower	Upper
164	100		
129	106.5	70.3	130.7
131	101.4	70.8	131.4
166	126.7	92.0	170.8



Abundance Ion 163.90 (163.60 to 164.60): VU041026.D (-2233) (-)
 Ion 128.95 (128.65 to 129.65): VU041026.D (-2233) (-)
 Ion 130.95 (130.65 to 131.65): VU041026.D (-2233) (-)
 Ion 165.90 (165.60 to 166.60): VU041026.D (-2233) (-)

